

Form 1656

The Detroit News 24, 27-4

Industry today represents an investment of 2 billion  
-Sinclair 1930 Je 1, 5-19-5

Is taking its place as motivating power in industry,  
many pipes 500 miles long, one 900 miles. J1 31, 43-4 Noon

Geo. Washington one of first buyers of natural gas land  
O 10, 1-1

Northern Industrial Gas Co. asks Council for per-  
mit to pipe natural gas from Ky. to Det.

O 13, 2-3

Councilman John C. Nagel holds up action on pipe  
line until city can safeguard consumers against  
rise in rate

--1930---

O 14,3-1

NORTHERN INDUSTRIAL GAS CO, SEEKS DAY TO DAY PERMIT NOT  
FRANCHISE, REVOCABLE AT WHIM, WILL OR CAPRICE OF COUNCIL  
M J DEWEY SAID O 14

N 5,33-8

CITY STATISTICIAN JOHN H MORGAN, RECOMMENDS DET CTY GAS-  
NORTHERN INDUS GAS CO MERGER IF L TTER GETS INTERSTATE  
PIPE LINE PERMIT

N 25,33-1

EXTENSION OF XN LINE FROM TEXAS PANHANDLE TO CHICAGO TO  
DET BEING CONSIDERED BY ENGINEERS

D 20,16-1

BECOMES ECONOMIC HUB; SEEN AS THREAT TO RAILS & MINES--  
HAYDEN

--1931--

F 15,1-15-1

PANHANDLE, EASTERN PIPE LIEN REPORTED IN AGREEMENT WITH DET  
CITY GAS CO TO BRING IT ~~RM~~ FROM TEX

AP 13,31-3 NITE

SEEK TO UNITE ONTARIO CITIES TO FIGHT MOCE TO BAR SOUTHERN  
GAS CO

AG 25,28-8

NEB FED COURT RULES COMPANIES MAY SUBSITUTE NATURAL FOR  
ARTIFICIAL

S 4,20-2

ED--CHICAGO NOW GETS IT; DET SHOULD HAVE IT O 22,4-5

NATL ASSN OF STATE RR & UTIL COMM TO CONSIDER PROPOSED  
FED REGULATORY BILL--MILLER

O 28,4-6

DET CITY GAS CO NEGOTIATING WITH COLUMBIA GAS & ELEC CO TO  
BRING PIPE LINE TO DET

# GAS - NATURAL - DETROIT

1932 1931x

Form 1656

The Detroit News

0 X28X4X6

Det. City Gas Co. negotiating with Columbia Gas & Electric Co. to bring pipe line from Mich. to Detroit

1932-----Ap 9, 1-1

Wm. G. Woolfolk elected pres. Det. City Gas Co.;  
to hasten piping of natural gas

Ap 26, 1-6

LOVETT SAYS IT IS READY FOR CITY, CAN BE PIPED IN WITHIN 90 DAYS

My 18, 1-6

COLUMBIA GAS & ELECTRIC UNABLE TO FINANCE PIPE LINE, SAYS LOVETT

JE 10, 1-1

COUGHLIN SMITH PROPOSES CITY BUY GAS FROM FRANK P. BOOK

JE 16, 18-1

CITY GAS STUDYING POSSIBILITIES OF, FOR DETROIT

JE 19, 1-5-4

E. L. FISHER, EXPERT, TO MAKE SURVEY OF MICH. SUPPLY

JE 29, 11-1

COUNCIL SETS JL 1 FOR HEARING

JL 1, 2-3

COUNCIL ASKS REPORT FROM COMM. JL 11

JL 15, 9-8

THOS E. CURRIE ASKS HAMTRAMCK FRANCHISE FOR PIPE LINE

JL 21, 1-6

SMITH OFFERS PLAN FOR MUNICIPAL DISTRIBUTION OF MICH. NATURAL GAS

- 1932---

JL 23,7-1

EDW. B. EVANS FIGHTS & PLAN FOR MUNICIPAL GAS AG 2,2-6  
COUNCILMAN SMITH THREATENS TO FORCE VOTE ON PROPOSAL FOR  
MUNICIPAL OWNERSHIP AG 3,3-1  
HAMTRAMCK TO GET IT SOON AG 4,1-6  
COUNCIL VOTES OUT SMITH'S PROPOSED CHARTER AMENDMENT FOR  
CITY OWNED GAS AG 8,4-8  
GAS WELLS IN MICH FAIL TO PROVE SUFFICIENT TO SUPPLY CITY  
AG 10,9-3  
COUNCIL VOTES TO PUT SMITH'S PROPOSAL ON BALLOT S 13  
AG 13,17-4  
SMITH DEMANDS DET BE GIVEN ALL OF MICH SUPPLY AG 16,4-5  
JOHN W SMITH & E I VAN ANTWERP JOIN HEARING AT LANSING  
AG 17,30-4  
TAXPAYERS' PROTECTIVE ASSN CONDEMNS PROPOSAL OF SMITH  
S 1,2-6  
VOTE TO BE DELAYED TO N 8 ELECTION S 7,7-1  
NATURAL GAS PROPOSAL WITHDRAWN FROM PRIMARY BALLOT BY  
COUNCIL ON MOTION OF COUNCILMAN SMITH, SPONSOR  
S 13,4-1 HOME  
GOVT REFUSES SOUTHERN GAS CO FRANCHISE TO COMPETE WITH  
WINDSOR GAS CO

GAS: NATURAL: DETROIT

1932

DRIVE OPENED TO GET VOTERS TO <sup>1656</sup>OK CHARTER AMENDMENT FOR  
CITY GAS PLANT N 2,7-5  
PUBLIC HEARING ~~AM~~ IN COUNCIL CHAMBER N 2

1932

GAS-NATURAL - DETROIT

Form 1656

The Detroit News

N 3,1-4

N 4,4-7

FREDERICK A WAYNE ASSAILS PROPOSAL OF SMITH  
MERITS AND DEMERITS OF SMITH PROPOSAL DEBATED N 3 IN COUNCIL

N 6,1-3-1

SMITH ASKS FAVORABLE VOTE PROVIDING FOR PIPE LINES

N 8,4-2

SMITH CHARGES WM P LOVETT HAS MISTATED FACTS ON GAS PROPOSAL

N 9,2-5

PROPOSAL BEATEN BY VOTE OF 236,976 TO 73,349 (INCOMPLETE) N 15,11-3

OFFICIAL VOTE - YES: 77,518; NO: 266,461

---1933---

F 10,30-6

F 15,9-5

J W RICE, DAYTON MAKES OFFER; COUNCIL FAVORABLE  
COUNCIL APPROVES J W RICE STUDY OF PROJECT

JL 15,7-5

J W RICE GRANTED EXTENSION TO D 31 TO COMPLETE SURVEY N 8,32-5

WORKMEN STRIKE WELL AT REAR OF 13321 WOODWARD, HIGHLAND PK

D 5,1-2

SEN GERALD P NYE TO DEMAND SENATE QUIZ OF GAS TRUST; CHARGES CONSUMERS  
IN DETROIT & OTHER CITIES BEING ROBBED OF MILLIONS IN RATES - MOODY

D 6,11-2

JOHN W SMITH ASSAILS GAS MONOPOLY; BACKS SEN NYE'S CHARGES OF PLOT TO  
KEEP NATURAL GAS LINES OUT OF MICHIGAN

-----1934-----

FRANK P. PARISH URGES QUIZ INTO REASON FOR DETROIT NOT HAVING NATURAL GAS SUPPLY- MOODY

D 14,2-1

D 15,2-3

R A SMITH, MICH GEOLOGIST, SAYS PIPE LINE TO DETROIT NOT WARRANTED

D 23,1-10-7 2\*

DETROIT MAY GET GAS FROM TEXAS FIELDS; BILLION CUBIC FEET BEING WASTED FROM OPEN WELLS IN PANHANDLE DAILY; GOVT THREATENS TO STEP IN- MOODY

D 28,2-3

DETROIT MAY HEAD ALLIANCE OF CITIES SEEKING FEDERAL QUIZ OF NATURAL GAS PROBLEM

-----1935-----

JA 10,36-5 1 HOME

DETROIT MAY INTERVENE IN RECEIVERSHIP OF MISSOURI-KANSAS PIPE LINE CO WHICH HAS RAMIFICATIONS IN DETROIT AREA

JA 11,34-4

COUNCIL INDICATES STAND ON NATURAL GAS; NOT INTERESTED IN FRANCHISE BUT ONLY IN COMPETITION

JA 12,19-7

SAME AS ABOVE

JA 11,1-2

JA 14,1-2

FRANK P. PARISH, MISSOURI-KANSAS PIPE LINE CO CHARGES MORGAN-ROCKEFELLER PLOT TO KEEP NATURAL GAS OUT OF MICHIGAN

JA 16,3-3

GAS SHOWDOWN OFF FOR WEEK DUE TO ABSENCE OF WM. G. WOOLFOLK

JA 16,29-1 S F

HEARING ON GAS FROWS CAUSTIC BETWEEN JOHN W. SMITH & JAS. O. MURFIN

JA 28,1-1

RILEY E. ELGIN SAYS SAVINGS LIKELY FOR DETROIT WITH NATURAL GAS- MOODY

JA 30,20-3

RAY J. KELLY, AT COLUMBUS MEETING, ALLEGES CITY GAS PRICE DEAL- SLUTZ

Form 1656

DETROIT COUNCIL SEEKS VIEWS OF WM F WOOLFOLK, DET GAS CO HEAD, ON REPORTED 'GIGANTIC CONSPIRACY' OF PUBLIC UTILITIES INTERESTS TO KEEP NATURAL GAS OUT OF DETROIT

F 1,37-1 CITY

HAROLD ICKES REVEALS PLAN FOR PWA TO BUILD \$50 MILLION NATURAL GAS LINE FROM EXAS FIELDS TO DETROIT

F 5,28-7

HAMTRAMCK COUNCIL SEEKS NATURAL GAS

F 6,34-4

COUNCIL HEARS CHARGE THAT COLUMBIA GAS & ELECTRIC CO IS DENYING DETROITERS NATURAL GAS

F 6,1-6 CM

COUNCILMAN SMITH TO INTRO RESOLUTION URGING FEDERAL GOVERNMENT TO EXTEND EASTERN PANHANDLE PIPE LINE CO LINE FROM DANVILLE, ILL TO DETROIT

F 7,4-1

CITIES ALLIANCE ASSN PRESSES PIPE LINE PLAN; TEXAS LEGISLATURE SENDS ENVOY TO HAROLD ICKES; BENEFITS POINTED OUT

F 11,7-3

SEN A VIC DONAHEY, OHIO, PUSHES FIGHT FOR QUIZ OF 'MONOPOLISTIC COMBINATIONS' TO KEEP NATURAL GAS OUT OF DETROIT-MOODY

F 16,2-1

THE FACTS ON NATURAL GAS-EDIT

F 18,14-1

CITY & TEXAS ACT ON GAS PLANS; MEETING MR 2 AT ST LOUIS TO DISCUSS NATURAL FUEL LINE TO DETROIT

MR 1,29-7

DET CITY GAS CO REPRESENTATIVE CONFERS WITH GOV JAS V ALLRED OF TEXAS ON PIPELINE PLANS

MR 2,7-3

DETROIT PIPELINE PLAN TO BE LAID BEFORE HAROLD L ICKES

MR 13,33-2 BL STR

-----1935-----

NATURAL GAS, PARLEY CALLED AT WASHINGTON

COUNCILMAN JOHN W SMITH IN CAPITAL FOR GAS CONFERENCE

TEXAS OFFERS RATE OF 26¢ PER THOUSAND CU FT; LOWEST RATE IN WORLD-MOODY

NATURAL GAS PROSPECTS-EDIT

TEXAS GAS PIPE LINE TO BE STUDIED HERE-

BILL TO BUILD GAS LINE TO DETROIT UP IN TEXAS

RRP JOHN DDINGELL ASKS DIRECT GRANT FROM WORK-RELIEF FUND TO BUILD PIPE LINE TO DETROIT

COUNCIL APPROPRIATES \$5000 FOR STUDY OF SITUATION

FAVORS GAS PIPE LINE TO DETROIT SAYS HAROLD ICKES

FERNDAL PLEDGES GAS CO-OPERATION

ICKES SAYS GAS PIPELINE TO DETROIT PROJECT MUST BE OF APPLICATIONS & INFORMATION, UNDER FRANK C WALKER

GAS PIPE LINE PLAN DOOMED TO DEFEAT IN TEXAS HOUSE

ABNER L LARNED WILL HAVE TASK OF HANDLING PROPOSED

LINE TO BRING GAS TO DETROIT FROM TEXAS-MOODY

US EXPECTED TO AID GAS LINE

ICKES REPORTED IN FAVOR OF DETROIT PROJECT

MR 14,49-5

MR 15,45-4

MR 16,2-1

MR 18,14-2

MR 19,6-7

AP 4,9-4

AP 9,4-1

AP 16,4-1

AP 20,2-3

AP 23,4-5 1H (P)

AP 30,29-6 BLSTR

MY 3,51-4 BLSTR

MY 10,1-4

\$13 MILLION PIPE

MY 12,1-4-6

MY 22,39-1

PROPOSAL FOR NATURAL GAS BRINGS SUPPORT FROM 9 LARGE FIRMS <sup>Form 1656</sup> MY 26,1-10-1  
 ROBERT B ANDERSON & OTHER TEXAS OFFICIALS CONFER IN DETROIT ON GAS PLANS JE 12,1-7  
 TEXAS OFFERS GAS TO DETROIT; DELEGATION HERE WITH PLANS FOR 24 INCH PIPELINE, 1100 ~~XXXX~~ MILES LONG JE 13,14-4  
 TEXAS ASSURED OF GAS MARKET IN DET., TO START PIPELINE JE 14,13-1  
 MAYOR COUZENS ASKS QUICK ACTION ON GAS PROPOSAL JE 22,2-2  
 MAYOR COUZENS WAITS GAS PROPOSAL-SLUTZ JE 23,1-1-2  
 NATURAL GAS PARLEY JE. 28 JE 25,1-8  
 CITY INSISTS IT MUST BE DISTRIBUTOR IN ANY PLAN TO BRING NATURAL GAS HERE JE 28,1-2  
 COUZENS SAYS PARLEY JL 10 WILL DECIDE WHETHER CONTRACT FOR TEXAS GAS IS SIGNED JE 29,2-8  
 REP GEO A SCHROEDER HOLDS HOPE OF NATURAL GAS; SAYS QUIZ MAY SHOW STATE FIENDS CAN SUPPLY DETROIT JL 5,4-8  
 GAS DEAL DELAY PLEA REJECTED; OFFICIALS CITE REPORT BY CITY CONSULTANT ON SUPPLY IN MICHIGAN FIELDS JL 9,1-6  
 RATE QUESTION IS BIG GAS ISSUE; CITY & PIPE LINE AGENTS RESUME NEGOTIATIONS OVER SUPPLY JL 10,1-5  
 ACCORD BELIEVED NEAR; PLANS REACH CRITICAL STAGE; COUNCILMAN JOHN W SMITH SEES 40% RATE CUT-SLUTZ JL 11,1-6

1935

MAP SHOWS HOW CITY WOULD DISTRIBUTE NATURAL GAS BROUGHT TO GATE FROM TEXAS PANHANDLE

JL 11,4-2

PANHANDLE EASTERN PIPE LINE CO AGREES TO PAY BELT LINE COST IN CITY

JL 12,4-1

NATURAL GAS ASKED FOR ALL BY COUNCILMAN SMITH

JL 14,4-13-8

H H WEISKE, COAL MAN, HITS CITY GAS PLAN; SAYS SUPPLY WILL BE INADEQUATE

JL 16,5-1

ASKS THAT SCHEME BE DROPPED

JL 17,2-4 BL STR

LEGISLATIVE COMM ASKS DETROIT TO REFER CONTRACTING FOR TEXAS SUPPLY

JL 18,11-2

CITY RESUMES PARLEY WITH TEXAS DISTRICT; IGNORES LANSING REQUEST FOR DE

-LAY; COUNCILMAN SMITH CHARGES PLOT TO CONFUSE

JL 19,33-6-HSC

COUZENS LEARNS OF DET. CITY GAS CO'S PROPOSAL TO BUY NATURAL GAS

JL 22, 4-1

TO CONSIDER ALTERNATIVE PLANS FOR FINANCING

JL 26,19-3

COUZENS TO PUT GAS QUESTION UP TO VOTERS

AG 1,8-4

OVER 65,000,000 CUBIC FEET NEEDED DAILY

AG 8,1-4

PROPOSED CONTRACT WITH PANHANDLE EASTERN PIPE LINE CO PROMISES CITY

LOW COST GAS SAYS FRANK P FISHER

AG 13,30-2

RAILROAD MEN FROWN IN GAS; FEAR TEXAS FUEL DOOMS 900 JOBS

AG 21,5-1

GOV JAS V ALLRED, TEXAS, ASKS PWA LOAN FOR GAS LINE TO DETROIT

Form 1656

7 EAST SIDE ORGANIZATIONS ASK MEETING TO GIVE MAYOR  
TO EXPLAIN HIS PLAN

AG 22,13-1  
COUZENS CHANCE

3/5TH GAS LINE VOTE NEEDED

AG 22,25-3 C M  
AG 25,1-4-8

COUNCIL TO DECIDE IN 10 DAYS WHETHER TO PUT M.O.GAS

TO VOTE  
AG 29,2-3-BLST

ICKES INTIMATES TEXAS GAS LINE WILL NOT BE CONSTRUCTED UNDER WORK-REL  
IEF PROGRAM

AG 30,1-6  
AG 31,1-1

GAS CONTRACT IS MADE WITH PANHANDLE EASTERN PIPE LINE CO.

TEXAS NATURAL GAS TO BE IN DET. IN 1936; CONTRACT SIGNED

S 1,1-1-3  
SIDETRACKED

PLAN OF CITY TO CREATE MUNICIPAL NATURAL GAS SYSTEM,

S 2,24-2  
S 6,22-2

WM.G.WOOLFOLH, PRES. OF DET. CITY GAS CO., CREDITS JOHN W. SMITH WITH GETT-  
ING GAS FOR DET.

MICHIGAN GAS MEN TO SUBMIT PROPOSAL TO DET. CITY GAS CO. FOR PIPING GAS  
TO DET. FROM MICH. FIELDS

S 20,15-4  
S 25,18-3

ICKES SAYS DEADLINE IS PAST FOR PWA HELP IN GETTING GAS

O 8,5-1  
O 18,37-1

NATURAL GAS PEACE-EDIT

A THOS SARKISSON TELLS COUNCIL OF PLANS TO PIPE GAS TO DETROIT FROM  
MICHIGAN FIELDS ALREADY TO DEFEY MICH PUC

INDUSTRIAL NATURAL GAS PIPE LINE CO. FILES PETITION WITH COUNCIL

-----1935-----

D 15, 1-20-4

GAS CONTRACT UP TO COUNCIL; FUTURE PROVIDED FOR IN AGREEMENT

D 29, 1-3-1

PRESSURE BY US & DET. GOT RESULTS; DET. WILL GET GAS-SLUTZ

-----1935-----

JA 26, 1-3-3

PLANE FOR PIPELINE TO DETROIT RUSHED; BUILDING TO START SOON

JA 30, 1-2

DEPT OF JUSTICE BARES PLOT TO KEEP NATURAL GAS & LOWER PRICES FROM DETROIT; CHARGE PLOT BY COLUMBIA GAS & ELECTRIC TO CRIPPLE PANHANDLE EASTERN PIPELINE CO-MOODY

JA 31, 22-1

COLUMBIA GAS & ELECTRIC CO. SURRENDERS CONTROL OF PANHANDLE EASTERN PIPE LINE CO., WHICH DET. WILL GET GAS FROM-EDIT

F 1, 4-3

PANHANDLE EASTERN PIPE LINE CO. ASSURES DET. OF GAS BY JULY 1

MR 9, 13-1-HSC

COOPER-BESSEMER CORP. AWARDED CONTRACT FOR DET. LINE

MR 17, 33-8 BL ST

MICH GAS TRANSMISSION CORP PROPOSES TEXAS PIPELINE

MR 18, 35-1

NATL TUBE CO READY TO START WORK ON TEXAS-DET LINE

MR 30, 16-6

HEARING ON MICH. GAS TRANSMISSION CORP. S PETITION TO BRING GAS TO DET. OPENS IN LANSING

MR 31, 13-3

DET. CITY GAS CO. WILL HAVE TO SPEND \$2,500,000 GETTING DET. HOMES READY FOR NEW GAS

MR 31, 5-1-CITY

GAS WILL END DANGERS OF CARBON MONOXIDE

AP 7, 37-5-CM

DET. CITY GAS CO. GIVEN 6 MOS. DELAY ON GAS RATE SCHEDULE-MY 19, 1-3

JE 7, 1-13-4

LAST LINK OF PIPE LINE BEING LAID, ZIONVILLE, IND. TO DET

NATURAL GAS TO BE SAME AS MANUFACTURED GAS-SLUTZ

Form 1656

JE 28, 1-181

JL 9, 1-4

ANSWERS TO QUERIES ON BENEFITS OF NEW GAS

600 HOMES NORTH OF RIVER ROUGE GET GAS JL 9

JL 10, 7-1

800 DEARBORN FAMILIES RECEIVE USE OF NEW FUEL

JL 18, 2-8

COST OF HEATING HOUSE WITH GAS IS HIGHER THAN FUEL OIL SAYS DET. OIL  
HEAT COMMITTEE

O 16, 49-5 C M

SEPT SALES OF EASTERN PIPE CO. MOUNTING FAST

N 9, 1-2

ALL DET. GAS USERS WILL HAVE NATURAL GAS BY NOV. 9-SLUTZ D 15, 14-5

JOHN W. SMITH ALMOST HITS THEO. B. WETTSTEIN DURING GAS HEARING

JE 13, 5-24-1

---1937---

DUNCAN C. MCCREA CRITICIZES DET. GAS QUALITY-FLEMING -JE 24, 6-3

COUNCIL VOTES TO EMPLOY FRANK P. FISHER AS GAS CONSULTANT FOR ANOTHER  
YEAR

AG 11, 1-7

WELL DRILLERS HIT NATURAL GAS ON STATE FAIR GROUNDS -AG 12, 4-2

WELL AT STATE FAIR GRDS BELIEVED TO BE ABLE TO PRODUCE 50,000 CU. FT  
PER DAY

AG 13, 18-1

GAS FOUND IN DET. IN 85 FOOT WELL-EDIT

S 19, 1-2-2

DET. CONSUMERS NOT VICTIMIZED BY COLUMBIA GAS & ELECTRIC CORP. AS CONS-  
UMERS IN OHIO

S 24, 1-4

FRANK P. FISHER ASKS COUNCIL TO TEST NATURAL GAS NOW BEING SUPPLIED TO  
CITY

S 27, 4-1

JOHN W. SMITH ASSAILS DUNCAN C. MCCREA ON GAS ISSUES HE'S RAISING

---1937---

D 15, 18-2 W S C

DET. DOMESTIC GAS USERS SAVED \$1,154,472 DURING FISCAL YR ENDED JE 30  
SAYS FRANK P FISHER

---1938---

JA 25,4-2

SERVICES OF FRANK P. FISHER, GAS CONSULTANT, TO BE DISCONTINUED MAR. 1

JA 26,19-1

FRANK P. FISHER WILL BE RETAINED IS ATTP. IS MADE TO UPSET PRESENT GAS  
RATE SCHEDULE

F 8,26:5

COLUMBIA GAS & ELECTRIC CORP. CHARGED WITH BLOCKING DET. GAS PROJECT,

MR 29,25-6

DETROIT PROTECTED AGAINST DILUTED GAS

N 30,9-1

NATURAL GAS EXPLOSION ON OCT. 8 BLAMED FOR DEATH OF IRENE CULLINS

---1940---

MR 3,1-10-1

JAS. H LEE SEEKS CHEAPER GAS FOR DET.: PETITIONS ATTY-GEN ROBT H JACK-  
SON

MR 11,1-1

SEN. GERALD P. NYE DEMANDS INVESTIGATION OF GAS RATES CHARGES BY THE CO-  
LUMBIA GAS & ELECTRIC CO. WHICH SUPPLIES DET. - MOODY

MR 26,1-5

MISSOURI-KANSAS PIPE LINE CO. OFFERS 25% CUT IN CITY GAS RATES

MR 27,8-3

CITY ACTS TO GET CONTROL OF PIPE LINES TO CITY

AP 3,1-2

US DEPT. OF JUSTICE TO AID CITY GET NEW PIPELINE & REDUCTION IN RATES

AP 5,11-1

MISSOURI-KANSAS PIPE LINE CO. REFUSES TO QUIT FIGHT FOR CONTROL OF GAS  
LINE TO DET. - MOODY

AP 8,25-2

COLUMBIA GAS & ELECTRIC CO. OFFERS CITY 25% RATE CUT

AP 12,1-1

SENATE INQUIRY OF GAS DISTRIBUTION IN DET. ASKED

AP 14,1-7-1

JOHN W SMITH FIGHTS FOR NATURAL GAS FOR DET. FOR 15 YRS - M. AYDEN

Form 1656

REPORT HINT MICH CONSOLIDATED GAS CO MAY MOVE TO INCREASE DET. SUPPLY-  
 MOODY MY 4, 1-6  
 SEN ROBT J BULKLEY CHARGES LARGE COS. HAVE MONOPOLY ON NATURAL GAS-  
 MOODY MY 14, 12-2  
 REP. J. D. DINGELL ASKS SWITCH OF PIPE LINE CASE TO JURISDICTION OF FED.  
 TRADE COMM. JE 10, 23-8 BS  
 ADEQUACY OF DETROIT'S SUPPLY DISCUSSED BY SEC N 13, 10-5

---1941---

DAVID W BROWN CLAIMS FEE OF \$175,245 FOR GAS SURVEY: LOSES SUIT  
 F 6, 44-6 B S  
 DET. DEMANDS BEFORE US SUP CRT BENEFITS OF COMPETITION -F 14, 11-1  
 CITY OF DET. CHARGES COLUMBIA GAS & ELECTRIC CORP. WITH MONOPOLISTIC  
 PRACTICES F 14, 36-6  
 JOHN W. SMITH URGES STUDY OF GAS STORAGE PLAN F 16, 1-9-1  
 NY-J. D. CREVELING, PIPELINE PRES., SAYS DET. USING 50% OF SUPPLY: DENIES  
 FIRM SEEKS HIGHER RATES. MR 4, 25-8  
 DET. WINS SUP. CT. DECISION IN GAS RATE FIGHT JE 1, 1-18-5 3\*  
 JE 10 SET FOR HEARING ON PETITION FOR MORE LINES N 24, 2-1  
 REP. JERRY VOORHIS WARNS OF ATTEMPT BY FOREIGN POWER TO GAIN CONTROL  
 OF PIPELINE TO DET.

---1942---

BAN ON INSTALLATION NEW GAS HEATING IN HOMES MOVED UP TO MARCH 1

F 16, 15-2

CITY URGES IMMEDIATE REDUCTION IN RATE OF PIPED GAS  
FED. POWER COMM. PROMISES PROMPT RULING ON WHOLESALE RATES

MR 31, 6-4

AP 1, 12-2

CONTRACT BETWEEN PHILLIPS PETROLEUM CO. & PANHANDLE EASTERN CO. TO INCR  
EASE USE OF GAS IN DET. & MAKE POSSIBLE RATE CUT  
SHORTAGE THREATENED IN EVENT OF SEVERE WINTER  
USERS TOLD SHORTAGE OF NATURAL GAS IN DET. AREA IS UNLIKELY

AG 26, 31-5

O 28, 30-6

O 29, 27-3 NITE

---1943---

DIVERSION OF NATURAL GAS FROM DETROIT TO EAST OHIO GAS CO. ENDANGERS  
SUPPLY

MY 6, 1-2

MY 30, 1-3-8

GAS DIVERSION BRIEF FILED BY CONSOLIDATED GAS CO.

--1944--

F 10, 33-5

F 14, 1-4

MR 14, 17-8

ONLY FEW SMALLER PLANTS WILL BE AFFECTED BY NEW RULING  
SHORT AGE CLOSES 120 DETROIT PLANTS

CONSUMERS TO GET REBATE AND RATE REDUCTION

--1945--

F 2, 1-8

F 3, 1-2

F 4, 1-1-2

F 4, 1-4-3

ONE HUNDRED DETROIT INDUSTRIAL USERS HAVE GAS DELIVERIES CUT BY MICH.  
CONSOLIDATED GAS CO.

THOUSANDS IDLE IN MIXUP

WAR PROD. BD. BLUNDER CAUSES 25,000 TO BE IDLE

DETROIT'S INADEQUATE SUPPLY MAY BE FURTHER DEPLETED BY DIVERSION OF  
5 1/2 BILLION FEET TO CANADA

GAS : NATURAL : DETROIT

1945

GAS BLUNDER QUIZ ASKED

F 5, 19-1

MICH. CONSOLIDATED GAS CO. DENIES BLAME IN MIXUP

F 6, 14-4

F 7, 25-1

ANOTHER GAS CURB MAY BE NECESSARY IF SEVERE WEATHER CONTINUES

F 7, 1-5

CONSTRUCTION OF \$9,000,000 PIPELINE WILL GIVE RELIEF

F 11, 1-10-6

JAS. LEE REPLIES TO ARTICLE WRITTEN BY W.H. VAN TIFFLIN ON GAS SHORT-  
AGE

F 17, 15-3NIT

FEDERAL POWER COMMISSION TOLD ABOUT WINDSOR GAS DEAL - MOODY

MY 18, 23-1

WATER IN MICH CONS GAS CO REGULATORS STOPS SUPPLY TO 130 DET HOMES

INCREASE IN SUPPLY ASKED

S 14, 36-5

CITY ASKS INCREASED SUPPLY

S 14, 36-1 FINAL

O 5, 11-2

MICH CONSOLIDATED GAS CO INCREASES DET SUPPLY

O 18, 39-5 BS 2

STATE PUB SERV COMMSN APPROVES LIFTING RESTRICTIONS ON HEATING HOMES

---1946---

MR 22, 10-4

SEEK INCREASE IN PIPELINE CAPACITY OF 90,000,000 CU.FT. -AP 16, 24-3

MICH-WIS PIPELING PETITION FOR LINE FR TEX TO DET CONSIDERED

---1946---

Ap 23, 1-1

MICH CONSOLIDATED GAS CO SAYS GAS FOR NEW HOMES NO LONGER AVAILABLE

AG 4, 1-10-4

NEIL HOLLAND SAYS DET NAT GAS SHORTAGE IS A "FAKE" - POWER - S 23, 1-5BS 2

WM E DOWLING SAYS MICH CONSOL. GAS CO ARTIFICIALLY CREATED GAS SHORT-  
AGE S 24, 4-6

COURT UPHOLDS MICH CONSOL GAS CO REFUSAL OF GAS TO PERCY MANNING FOR  
HOME; COMPANY FIGHTS PANHANDLE PROPOSAL 0 22, 6-4

US SUP CRT RULES PANHANDLE E PIPELINE CO MUST PAY GAS REBATE COSTS

N 1, 15-2 NITE

MICH CONSOLIDATED GAS CO OFFERS DET ALL GAS IT CAN USE BEGINNING IN  
1952 N 17, 1-9-3

WM E DOWLING CALLS PIPELINE CASE "FAKE" D 1, 1-1-3

FPC OK'S NATURAL GAS PIPE LINE FR TEXAS TO DET INDUS AREA - D 1, 1-18-1

GAS FIGHT LOSS WM E DOWLING MAY BE POLITICAL GAIN - M. AYDEN - D 16, 1-1FIN

9 MICH CITIES, INCLUDING DET. TO GET SHARE IN GAS INCREASE - D 24, 6-2

DET.'S GAS EMERGENCY EASED - EDIT ---1947--- F 4, 3-3 BS'2

DET TO GET LARGE SHARE ADDITIONAL GAS ALLOTTED PANHANDLE E PIPELINE

F 7, 1-4

GAS CO T O SHUT OFF SUPPLIES TO 60 INDUS PLANTS: COLD WEATHER - F 8, 1-1

TO RESUME GAS TO INDUS PLACES FEB 11 F 10, 1-3

60 PLANTS TO GET GAS FEB 11 F 11, 2-5

NAT GAS TO 60 PLANTS RESUMED AS COLD SPELL ENDS F 27, 1-2

CITY USERS FACE HIGHER BILLS BUT NO GAS INCREASE - HUSHEN - MR 4, 1-1

DOWLING SAYS CITY SHOULD OPPOSE CONSTR NEW PIPELINE

DET. WEIGHS POSITION IN FIGHT ON GAS PIPELINE-BOWER -MR 9, 1-3-4  
 DET NAT GAS WEEL FLOW SLOWS DOWN -AP 26, 1-2  
 EPC SAYS DET. GAS TO RUN SHORT AGAIN MY 6, 9-5  
 FED., STATE & INDUS. REPS MEET TO DISCUSS ALLEVIATION GAS SHORTAGE JE 4, 37-5  
 AG 13, 1-4 FINAL  
 CT ORDERS PANHANDLE PIPELINE TO CONT SUPPLYING ALL USERS -N 2, 1-7-4  
 NATURAL GAS SUPPLY TIGHT: PROLONGED COLD WAVE COULD CRIPPLE DET. -LEVIN  
 N 27, 21-4  
 F.H. ROBINSON TELLS USERS TO RELAX AFTER FED. ORDER TO CUT DET. SUPPLY  
 BY 5.6% ---1948--- JA 6, 15-7  
 DET ASKS FPC TO REVOKE ORDER CUTTING SUPPLIES NAT. GAS -JA 9, 8-5  
 PROBLEM MORE NAT GAS FOR DET GIVEN COUNCIL- JA 10, 1-1  
 DET LOSES FIGHT TO KEEP PANHANDLE EAST. PIPE LINE CO FR REDUCING  
 NAT. GAS DELIVERIES TO DET.- JA 14, 1-5 BS 2  
 CITY SEEKS BOOST IN GAS SUPPLY AT HEARING 2 MAJOR PUBLIC UTILITIES  
 JA 15, 1-4  
 PANHANDLE FIRM PROMISES CITY MORE GAS AT SHOWDOWN HEARING -JA 15, 1-8 BS 2  
 MICH CONSOLIDATED GAS CO REJECTS OFFER MORE GAS FR PANHANDLE E. PIPELINE  
 NE Co JA 16, 15-1  
 GAS INCREASE FOR DET OUT FOR AT LEAST A YEAR  
 OVER

---1948---

JA 18, 1-10-8

FPC PREDICTS MORE NAT GAS FOR DET LATE THIS YEAR-LEVIN-  
ALL INDUS PLANTS IN DET AREA TO BE CLOSED AS RESULT GAS-SHUTOFF ORDER

JA 24, 1-2

PLANT SHUTDOWNS DUE TO END AS COLD EASES

JA 26, 1-3

PLANTS REOPEN JA 27: EW COLD WAVE DUE-

JA 27, 1-6

200,000 RETURN TO WORK AS GAS SERVICE IS RESTORED-

JA 27, 1-3 FINAL

GAS SHORTAGE WORST IN HISTORY: 21,000 EMPLOYEES BRIGGS AFFECTED-  
GAS CUTOFF MAKES 100,000 IDLE IN DET.

JA 28, 1-7 BS 2

COUNCIL INVESTIGATES PIPELINE PLOT IN INDUSTRIAL SHORTAGE-

JA 29, 1-1

MICH. COOL TO RELEASE OF MORE OIL FOR MAKING GAS

JA 30, 1-6

FPC ASSURES CITY OF GAS SUPPLY-

JA 30, 1-1 NITE

FPC ASSURES DET IT WILL ESCAPE NEW GAS CUT-PATTON-

JA 31, 1-1

FORD MOTORS PIPING 15 MILLION CU FT INTO MAINS MICH CONSOLIDATED GAS  
Co.-

F 1, 1-1-1

GAS SHORTAGE COSTING \$30 MILLION WEEK IN DET IN LOST WAGES, PROD.-

F 1, 1-23-7

FIGHT FOR POWER WM G WOOLFOLK, WM A MAGUIRE BLAMED FOR GAS SHORTAGE-  
HUSHEN-

F 2, 1-8

ALTER REUTHER ASKS CONG INQUIRY OF MICH CONSOLIDATED GAS Co

F 2, 1-1 BS 2

REUTHER ASKS CHRYSLER, GM TO JOIN IN DEMAND FOR INQUIRY-

F 3, 1-7

MUCC BUSY IN GAS CRISIS: SWAMPED WITH CLAIMS-PATTON  
LONGSLIDE AT MUCC FOR FUNDS IN GAS SHORTAGE-PATTON

F 3, 1-1 BS 2

110,000 IDLE IN GAS CRISIS

F 4, 1-5

F 4, 2-7

1948

GAS : NATURAL : DETROIT

CITY FIGHTS CANADIAN PLEA FOR GAS FR PANHANDLE Co. - PATTON - F 5, 1-3  
 MICH. OFFICIALS TAKE GAS CRISIS TO CONGRESS - F 5, 4-1  
 IDLED FACTORY WORKERS ANGERED BY GAS LAYOFFS - COUSINS - F 5, 17-4  
 TANK CARS LOADED WITH OIL ROLLING TOWARD DET. TODAY - F 6, 14-4  
 SIGLER INSTRUCTS MICH PUB SERV COMMSN TO SEEK GAS DIVERSION TO DET. - F 6, 14-4 BS 2  
 STATE, CITY OFFICIALS ASK BIGGER GAS FLOW - F 7, 3-1  
 DET PLANTS PLEAD FOR GAS FLOW: 110,000 REMAIN IDLE - PATTON - F 8, 1-1-4  
 PANHANDLE E PIPE LINE CO ASKS FRANCHISE - M. HAYDEN - F 9, 1-2  
 STATE, CO. OFFICIALS SEE PPC IN GAS CRISIS - F 9, 4-4  
 LONG BATTLE EXPECTED IN FRANCHISE IS ISSUED PANHANDLE E. PIPELINE Co. - F 9, 4-5  
 COSTS OF FAMINE MOUNT, WORKERS STILL IDLE - F 10, 4-2  
 CITY DENIED EXTRA GAS BY US - M. HAYDEN - F 10, 1-5  
 MAYOR VAN ANTWERP SEEKS GAS SOLUTION: ASKS TO SEE TRUMAN - F 10, 4-2 BS 2  
 FPC UNLIKELY TO ACT TO ID CITY - M. HAYDEN - F 11, 2-5  
 VAN ANTWERP TO PRESENT DET GAS PROBLEM TO WHITE HOUSE - F 11, 1-4  
 DET. FACTORIES FACE GAS SHORTAGE NEXT WINTER TOO - M. HAYDEN - F 13-  
 FPC ORDERS FUEL TO OTHER SHORTAGE AREAS - M. HAYDEN - F 12, 1-6  
 GAS T. INDUS PLANTS TO BE RESUMED F 17: FUEL FLOW CERTAIN - F 12, 1-7 BS 2  
 GAS SHIPMENTS TO INDUS PLANTS TO BE RESUMED F 17 - F 13, 1-8  
 F 13, 1-8 BS 2

OVER

---1948---

F 13, 2-2 BS 2

F 14, 9-2

F 15, 1-1-8

F 16, 3-1 NITE

F 17, 2-5

F 18, 1-8

F 19, 19-1

F 20, 12-4

MR 24, 35-6

MR 28, 1-12-1

MR 31, 41-5

Ap 13, 4-5

Ap 18, 1-5-3

MY 9, 1-8-2

MY 14, 19-3

MY 16, 1-12-3

JE 9, 1-4

JE 9, 1-1 BS 2

UAW-CIO RALLY TO PROTEST LACK OF GAS  
CAUSE GAS SHORTAGE SOUGHT BY OMN. DET OFFICIALS  
DET WARNS MICH CONSOLIDATED GAS CO IN ROW-M. HAYDEN  
OFFER EXTRA GAS REJECTED SO ADDED SUPPLIES TO GO OUTSTATE  
150,000 REUTNRN TO WORK F 17 AS GAS FLOW IS RESUMED  
M E DOWLING STUDIES JOB AS ADVISER TO PANHANDLE EAST PIPE LINE CO.-  
PATTON  
SEN. FERGUSON THREATENS TO WITHDRAW SUPPORT FR PIPELINE BILL IN INTERE-  
ST OF MICH.-M. HAYDEN  
COUNCIL ASKS END OF GAS DISPUTE-  
DET MODIFIES STAND ON GAS: ACCEPTS PIPE LINE BUT ASKS FOR RATES-  
DET BATTLES PLEA TO DIVERT PART OF GAS-PATTON  
COUNCIL TAKES ANOTHER STEP TO INSURE DET ADEQUATE SUPPLY NATURAL GAS  
DET OPPOSES PLEA OF WINDSOR FOR GAS  
DET GAS FAMINE A NATIONWIDE DANGER-MOODY  
GAS FOES POSITIONS REVERSED IN DECADE-M. HAYDEN  
CHAS SHANNON ACCUSED LYING BY AMBERT MCALLISTER IN GAS INQUIRY  
MICH CONSOLIDATED GAS CO PUTS IN NEW GAS STORAGE LINE OUT OF DET AT  
COST \$11,000,000-  
EPC ATTYS URGE GAS CUT PLANFORD-  
OFFICIALS DET & MICH GAS CO SEE 3-MO SHUTDOWN INDUS. IF STORAGE PROGRAM  
IS LIMITED-

1953

GAS : NATURAL : DETROIT

MY 31, 1-23-1

MICH. PUBLIC SERVICE COMMSN. MAY TAKE DRASTIC ACTION IN BATTLE BETW.  
 MICH. CONSOLIDATED GAS & EASTERN PIPE LINE CO. - TER HORST

JE 4, 37-5

MICH. PUBLIC SERVICE COMMSN. ADJOURNES INQUIRY FOR WK. WHILE STAFF MEMBER  
 RS. SIFT CONFLICTING DATA FR. 2 CO.

JE 13, 3-2

JAS. H. LEE SAYS DET. WILL GET MORE NATURAL GAS AS RESULT OF STATE'S IN-  
 QUIRY INTO SHORTAGE - TER HORST

JE 19, 28-7

MICH. - WIS. PIPE LINE CO. REVEALS PLAN FOR PIPELINE FR. GULF COAST TO  
 MICH. - TER HORST

JL 16, 27-3

JAS. H. LEE DET. EXPERT ON UTILITY RATS WELCOMES PROPOSAL TO SEEK ADDITIO  
 NAL GAS FOR DET. FR. ALBERTA

JL 22, 31-3

MICH. CON. GAS CO. PLANS PIPELINE TO LOUISIANA TO DET. AG 23, 1-1-6  
 MICH. CONSOLIDATED WILL CUT GAS TO 3 FIRMS TO HEAT CITY HOMES AS ORDERE  
 D BY MPSC

S 6, 1-16-7

DET. COAL DEALERS BLAMES LAG IN COAL BUYING ON ABOVE HEATED HOMES - FIN  
 LAYSON

O 21, 1-8

MICH. CON. GAS CO. TO PUT GAS HEAT INTO 9,600 HOMES THIS WINTER - RUDOW

O 22, 45-1

MICH. CON. GAS CO MAY NOT PUT COMPLY WITH MICH. PUBLIC SERVICE COMM.  
 FOR 9,600 HEATING CUSTOMERS

O 24, 18-8

MRS LAURA DORSCH WARNS HOMES OF GAS LEAK WHICH COULD OF CAUSED  
 EXPLOSION. FIXED BUT NO DAMAGE DONE.

O 15, 45-5

DET TOLD OF SHARE GAS:PLANTS TO GET FUEL IN WEST.MICH.

---1949---

Mr 16, 24-4

LEONARD SINONS TESTIFIES AT D.C. HEARING, ASKS MORE GAS BUT NOT HIGHER RATES

JL 8, 10-4 NITE

WHAT TO DO WHEN YOU GET GAS FOR HEAT

JL 12, 1-8

DET.FIGHTS TO KEEP CONTROL CITY'S WHOLESALE GAS SUPPLY FR MPSC

JL 30, 1-7

ALL RESTRICTIONS OFF TODAY ON USE ABOVE IN DET.-LEVIN -AG 1, 1-1

90,000 APPLICATIONS EXPECTED FOR GAS HEAT AS BAN ENDS -AG 2, 10-2

APPLICATIONS FOR HOME GAS HEATING DROP

AG 3, 10-2 NITE

DET.OFFICIALS IRKED BY FPC AGREEMENT ADDING 3 CUSTOMERS TO NEW MICH.-

WISCONSIN PIPE LINE

AG 4, 11-4

CITY FIGHTS RACKET IN GAS CONVERTERS, WARN PURCHASERS-S 27, 17-6

PANHANDLE EAST PIPE LINE CO SEEKS AGREEMENT ON PRICES WITH CITIES

O 18, 1-3

JOS P WOLFF WARNS VS ILLEGAL BOOTLEG GAS CONVERSION INSTALLATIONS-BALMGARTH

D 8, 1-7

FIRE IN CENTRALIA, MO., PUTS EMERGENCY MEASURES IN MICHIGAN CONCERNING PANHANDLE EASTER PIPE LINE CO.

D 9, 4-2

DET GAS USERS ASSURED OF SUPPLY

---1950---

F 3, 12-1

NEW BATTLE SHAPING BETWEEN MICH. CONSOLIDATED &amp; PANHANDLE EASTERN PIPE

LINE 6 CO. OVER SALES TO DET. INDUSTRIES

75  
---1950---

F 28, 11-7

WALTER REUTHER & REP. LESINSKI ASK CITY COUNCIL GUARD VS. ESTABLISH-  
MENT OF MONOPOLY OF NATURAL GAS SALES IN DET.

MR 16, 13-4

REP. LESINSKI'S MONOPOLY INVESTIGATION FIZZLES-M. HAYDEN

AP 2, 1-9-1

DET CHARGES PANHANDLE EASTERN WITH ATTEMPT TO RAID ITS GAS SUPPLY-  
PATTON

MY 17, 46-3

CITY ATTS. SEEK MICH. CONSOLIDATED & PANHANDLE TRUCE-MY 23, 1-3

MICH. CONSOLIDATED GAS CO. ORDERS HALT TO ALL GAS CONVERSIONS IN OLD  
HOMES MY 23

MY 26, 4-6

FPC GRANTED REQUEST MICH-WIS PIPELINE CO FOR QUICK DECISION ON REQUEST  
TO DOUBLE NAT. GAS CAPACITY

JE 6, 29-2

DET. UTILITY EXPERTS GIRD FOR FIGHT VS MICH. CONSOL. GAS CO. IN GAS HEAT  
ING ROW

JE 9, 4-4 FINAL

FORD SIGNS CONTRACT WITH PANHANDLE TO GET PIPELINE GAS-  
GAS SERVICE BAN REMAINS DESPITE FPC GRANT OF INCREASE IN SUPPLY

JE 29, 6-6

F 6, 33-5 BS 2

PUB. SERV. COMMISSION SAYS GAS SUPPLIES OK UNLESS OIL CUT OFF BY RAIL STRIKE

MR 19, 6-4

FACT BY MICH. CONSOLIDATED ASSURES DET. AREA OF GAS FOR 1952-P 9, 1-2

MICH. CONSOLIDATED GAS CO STOPS GAS HEAT FOR NEW HOMES TODAY

JL 8, 1-11-6

JAMES H. LEE WARNS ADEQUACY DET GAS SUPPLY THREATENED - AG 23, 25-6

LIMIT ON GAS HEAT IN DET UNCHANGED: NEW APPLICATIONS NOT ACCEPTED

JAS H LEE SAYS SUPPLY MAY BE CURTAILED-PATTON 0 5, 6-3  
 DEFENSE DEPT. OPPOSED PANHANDLE EASTERN REQUEST TO CUT SUPPLY TO MICH. 0 29, 1-8 BS 2  
 CONSOL. GAS. CO. 0 30, 17-3  
 PROPOSED CUT WOULD AFFECT 248 FACTORIES-M. HAYDEN 0 30, 17-1  
 CITY & INDUSTRIAL LEADERS FIGHT AGAINST GAS CUT 0 31, 1-1  
 FPC TOLD CUT IN GAS WOULD HALT OUTPUT IN KEY PLANTS-M. HAYDEN 0 31, 1-2 BS2  
 MAYOR COBO WARNS FED. OFFICIALS GAS CUT HERE WILL BE BLOW TO NATL 0 31, 1-2 BS2  
 DEFENSE PROGRAM-M. HAYDEN N 1, 25-1  
 MICH CONSOLIDATED GAS CO EXPLAINS GAS CUT IN DET & ANN ARBOR AREA-M. HAYDEN N 2, 1-2  
 PANHANDLE CHARGED TRYING TO CUT DET. SUPPLY TO MAKE SALES IN CAN.-M. HAYDEN N 2, 4-1 FINAL  
 SAME AS ABOVE N 3, 3-5  
 PANHANDLE ACCUSES DET. INDUSTRIES WASTING GAS BY USING IT AS BOILER FUEL N 3, 4-1  
 DEFENSE PRODUCTION IS THE ISSUE-EDIT N 5, 29-4  
 FED. GOVT COMPROMISE WITH PANHANDLE PIPELINE MAY BRING GAS RATE HIKE-M. HAYDEN N 17, 16-4  
 FPC CLOSES HEARING ON PROPOSED DET. GAS CUT

---1952---

AP 7, 27-4

MICH CONS. GAS CO. TO FURNISH GAS TO 3 DET PLANTS. AP 30, 1-5  
DELIVERIES CURTAILED DUE TO GAS WORKERS STRIKE-NAJDUCH

S 5, 7-1

PAD OK'S GAS INCREASE FOR COMMERCIAL STEEL TREATING CORP & MICH. STEEL  
PROCESSING CO.

O 4, 10-4

GAS TO BE SUPPLIED TO THOMPSON PROD, INC., KROPP FORGE ORD.

-----1953-----

F 17, 13-4

DET. CITY COUNCIL ORDERS JAS. H. LEE, ASS'T CORP. COUNSEL, TO TELL WHY A  
RULING TO LIFT BAN AMST NATURAL GAS FOR HOME HEARING HAS BEEN PREPARED

F 18, 8-1 NITE

CITY COUNCIL ASKS STATE TO SCHEDULE FACT-FIND HEARINGS IN EFFORT TO  
OBTAIN MORE NATURAL GAS FOR HEATING DET. HOMES

F 19, 9-4

MICH. CONSOLIDATED GAS. CO. REPORTS SURPLUS OF NATURAL GAS BECAUSE  
OF MILD WEATHER

AP. 24, 28-7

PROMISE OF NEW SOURCE OF ABOVE IN WESTERN CANADA FOR DET. IS PROMISED  
BY U.S. TO REP. BENNETT-W. MULLER

AP 25, 15-5

ABOVE REVEALS THERE WILL BE NO ADDITIONAL GAS SUPPLIES FOR NEW CUSTOMERS

MY 2, 1-4

MICH. CONSOL. WILL NOT GET ANY MORE GAS THAN IT GETS NOW FROM PANHANDLE  
EASTERN PIPELINE; MICH. WISCONSIN WILL SUPPLY OVER & ABOVE REQUIREMENTS

MY 15, 48-3

PANHANDLE EASTERN PIPEL LINE CHGD WITH PLOT TO SLASH MICH. CON. GAS CO.

GAS SUPPLY FOR DET.

PANHANDLE EASTERN PIPE LINE CO. OFFERS DETROIT MORE GAS FOR HOME IF MICH. CONS. GAS CO. WANTS TO BUY IT  
 0 29, 22-1 5\*  
 0 30, 1-3  
 3,000 IN DET. TO START GETTING GAS HEAT DEC. 1ST N 7, 11-3

GAS HEATING NOTICES SENT OUT OT 9,600

N 11, 30-4

AMER. LOUISIANA PIPE LINE CO. PROMISES AMPLE SUPPLY OF HOME GAS HEAT FOR DETROIT BY 1955

D 25, 2-3

AMER. LOUISIANA PIPE LINE CO. OF ABOVE MAKES FORMAL APPLICATION TO CONSTRUCT PIPELINE FR. LOUISIANA TO DET.

---1954---

JA 10, 1-15-1

PLANS TO DUPLICATE IN '54 '53 EXPENDITURE OF \$12,000,000 FOR NEW CONST. IN DET. AREA ANNC. BY MICH. CONSOLIDATED GAS CO.

JA 21, 2-2

BREAK IN GAS MAIN AT SCHOOCRAFT AT BRAMELL CLOSED TRAFFIC FOR 3 HRS

MR 16, 31-4

FIGHT TO REOPEN THE DET. GAS RATE INCREASE CASE BEGINS TODAY BEFORE FPC

MY 12, 23-1

PANHANDLE EASTERN PIPE LINE CO. CHS THAT MICH. CONS. GAS CO. COULD HAVE SERVED UP TO 60,000 MORE CUSTOMERS WITH EXCESS NATURAL GAS IN '53

MY 16, B-11-3 2\*

PIPELINE ARGUMENTS FOR DET. TO BE HEARD IN D.C. MY 24TH

—1954—

MY 18, 16-1

MICH CONSOLIDATED GAS CO SAYS 90,000 HOMES IN DET CAN HAVE GAS HEAT  
IF FPC WILL APPROVE NEW PIPELINE FR LOUISIANA

MY 19, 5-1

PANHANDLE EASTERN PIPE LINE TO NOT INCLUDE DET. IN ITS EXPANSION PLANS  
DUE TO OPPOSITION FR. MICH. CON. GAS. CO.

JE 23, 25-5

CITY OF DET. NOTIFIED THAT PHILLIPS PETROLEUM CO. HAS ASKED U.S. SUP. CT  
FOR REHEARING OF ITS MY 15TH RULING WHICH GIVES FPC RIGHT OVER GAS PRO-  
DUCED & SOLD FOR INTERSTATE COMMERCE

JE 27, 4-19-6

JL 29, 6-1

SEN FERGUSON POSTPONES HEARINGS ON GAS RATES

COUNTY CHG PANHANDLE IS STARVING DET OF GAS TO CHASTISE MICH CONSOLI-  
DATED GAS CO

AG 4, 20-6

PUB SERV COMM ORDERS MICH CONSOLIDATED TO SERVICE 14,000 NEW SPACE  
HEATING CUSTOMERS—HOENSHILL

AG 5, 22-3

NEW GAS HOME HEATING CUSTOMERS, EXPECTED TO TOTAL ABOUT 14,000, WILL BE  
ADDED BY MICH. CONSOLIDATED GAS CO. SOON

AG 17, 19-1

CITY COUNCIL OK'S LEASE GRANTING SUN OIL CO. RIGHTS TO EXPLORE FOR NA-  
TURAL GAS OR OIL ON MAYBURY SANATORIUM GROUNDS

AG 24, 23-1 1H

MICH. FIGHTS U.S. DELAY ON GAS LINE OF AMER. LOUISIANA PIPELINE

AG 25, 17-1

MAYOR COBO OF DET. TO SEEK U.S. AID IN CITY'S FIGHT FOR GAS — AG 28, 18-6  
US ACTION IN DOUBT ON DET. NAT. GAS PLEA TO FPC — BALL 0 1, 1-4

FPC OK'S NEW GAS PIPELINE TO DET. TO SUPPLY 70 PCT. MORE — & END BAN

1656

02, 19-2

GAS HEAT WILL BE AVAILABLE TO ALL WHO WANT IT IN THE DET. AREA WHEN  
A NEW LOUISIANA--DETROIT PIPELINE IS COMPLETE 07, 18-1

GAS COS RENUE FIGHT TO GET TO SELL DIRECT TO DETROIT INDUSTRY--HOEN-  
SHELL D1, 29-4

NATURAL GAS PIPED IN FROM GULF OF MEXICO SOUGHT FOR HOMES--WEGMANN

---1955---

F27, B-5-1

COURT ORDER HINTS THAT DET WILL GET MORE GAS Ap20, 50-1

DETROIT WINS IN COURT FR. FPC PANHANDLE EASTERN PIPE LINE CO'S PETI-  
TION TO CUT DELIVERIES TO DET. AREA WHICH DET. OBJECTED TO

My31, 1-1 5\*

166,000 HOMES IN DET. AREA TO GET GAS HEAT

Je1, 30-2

OK ON GAS ISSUE, EXPECTED TO DOUBLE GAS HEATED HOMES HERE JL12, 23-7

PANHANDLE EASTERN PIPE LINE CO. LOSES BATTLE TO BLOCK CONSTRUCTION OF

NEW LOUISIANA--DETROIT NATURAL GAS PIPELINE JL31, B-15-2

FINANCING OF AMERICAN LOUISIANA PIPELINE IS OK'D S8, 27-8 1H

MICH. CON. GAS. CO. TO GEBIN IMMEDIATELY TO CONNECT SPACE HEATING

UNITS FOR CUSTOMERS WHO HAVE REC'D OK'S APPLICATIONS

023, B-8-1

RAE PH T McELVENNY KEEPS GAS FLOWING TO MICH. --NOBLE

---1955---N27, B-7-5

100 MEN BATTLE MISS. RIVER TO LAY DET. PIPELINE

---1956---

MR3, 16-2

MICH. CON. GAS CO. NOTIFIES PSC THAT IT HAD TAKEN ON 65,101 NEW SPACE HEATING CUSTOMERS BY FEB. 29TH

MY8, 1-3

FPC TO END CURBS ON GAS THIS SUMMER; GAS FOR ALL ASSURED LANSING-FPC GIVES OK FOR AMER. LOUISIANA PIPE CO. TO BUILD NEW GAS LINE TO DETROIT

MY9, 36-3 1H  
JE18, 7-1

LANSING-MICH. CONSOLIDATED GAS CO. OF DET. PLANS GAS FOR 149,000 IN NEXT 18 MONTHS

JE19, 26-1

MICH. CONS. GAS CO. SEEKS DETROIT INDUSTRIAL MARKET

JL3, 6-4

NATURAL GAS COMPANIES ARE MILLIONS APART ON GAS SALE DISPUTE

JL11, 3-5

FPC OK'S GAS HEATING FOR ALL AREA HOMES

JL13, 4-5 5\*

SUPERIOR OIL CO. OF HOUSTON OBJECTS TO DET. INTERVENING IN FPC INVESTIGATION OF COST OF NATURAL GAS DETROITERS WILL GET FROM AM-LA. PIPELINE

AG18, 12-6

LANSING-AUTHORITY GRANTED PANHANDLE EASTERN PIPE LINE CO. TO SELL NATURAL GAS DIRECTLY TO DET. INDUSTRY GETS BLAST FR. GOP ON M.P.S.C.-HUNT

S11, 19-1

PAN HANDLE EASTERN ASKS PERMISSION TO ABANDON SERVICE TO DETROIT -- HAYDEN

SUP. CT. TO RULE ON "FIELD PRICING" OF NATURAL GAS IN DET. & WAYNE COUNTY  
 S. 30, 8-1-4  
 O 12, 21-4

MICH. CONSOLIDATED READY TO MEET WINTER NEEDS FRED A. KAISER SAYS

PANHANDLE EASTERN PIPELINE CO. REOPENS ITS 2-YR FIGHT FOR RIGHT TO SELL  
 NATURAL GAS DIRECTLY TO DET. INDUSTRIES IN CIR. CT. IN LANSING  
 D 1, 6-4  
 D 8, 12-4 1H

PANHANDLE EAST GOES TO COURT IN EFFORT TO SELL NATURAL GAS DIRECTLY  
 TO MCLOUTH STEEL CORP.  
 --1957--

DET. ASSURED ITS GAS SUPPLY IN COLD OR CRISIS-BLANCHARD -F 14, 12-1

HENRY TUTTLE SAYS DET. SUPPLY OF GAS IS NOW AMPLE AP 12, 1-6

SPACE HEAT GAS PERMITS HAL RD BY MICH CONS

NEW BUILDINGS STILL GET PERMITS FOR GAS HEATING

LANSING-GAS HEARING REVI ES FIGHT OF UTILITY, PIPELINE FIRMS-HOENSHALL  
 MY 28, 18-4  
 MY 30, 48-1

LANSING-LOSS OF PANHANDLE GAS TO COST USERS \$6 MILLION S 20, 62-5 5\*

FPC HEARING INVOLVING NATURAL GAS FOR DET. HAS ENDED AFTER 94 DAYS OF  
 TESTIMONY AND 12,000 PAGES OF TRANSCRIPT O 8, 48-3

LEAKING GAS MAIN ERUPTS IN FRON OF 9579 FORT W. TODAY; NO INJURIES

---1957---

N 17, A-8-1

LANSING-PANHANDLE EASTERN PIPE LINE CO. TO TAKE TO MICH.SUP.CT. ITS  
FIGHT FOR A BIGGER SHARE OF DET.INDUSTRIAL GAS MARKET-HOENSHELL

---1958---

JA 11, 5-5

PANHANDLE EASTERN PIPE LINE CO. WIS MAJOR STEP IN ITS FIGHT TO ABANDON  
SERVICE HERE-HOENSHELL

JA 18, 3-2

TRAFFIC HALTED ON JEFFERSON EAST, WHILE GAS LEAK IS REPAIRED

AP 7, 3-5

GAS CUT OFF TO 100 HOMES IN OAKMAN-WOODROW WILSON AREA IS RESUMED

D23, 3-1

EFFORTS UNDER WAY TO OBTAIN CANADIAN NATURAL GAS TO BOLSTER MICH.CON.  
GAS CO.DELIVERIES TO DETROIT-TER HORST

---1959---

JA 16, 27-5

GAS HEAT PERMITS RUN HEAVY IN DETROIT

JA 17, 3-6

MICHIGAN ASKS FPC TO GUARENTEE DETROIT AN ADQUATE SUPPLY OF NATURAL  
GAS -HOENSHELL

JA 16, 32-2 5\*

WAYNE CT .ASKS FPC TO CANCEL ITS ORDER PERMITTING PANHANDLE EASTERN  
PIPELINE CO.TO STOP SUPPLYING GAS TO DET.-TER HORST

AP 14, 6-1

DETROIT TO FIGHT IN COURT TO KEEP MICH.CON.GAS CO.GAS SUPPLY-CARLISLE

AG 30, ROTO 11

GAS TANK IN DETROIT TODAY

0 3, A-1-3

PANHANDLE EASTERN PIPELINE CO.BNDS GAS SERVICE TO MICH.CON.SOLIDATED GAS  
S CO.-TERHORST

MICH. CONSOLIDATED GAS CO. SAYS RATES LIKELY DET. RISE AS IT LOSES PANHANDLE EASTERN PIPELINE CO. O 4, A-10-1

D 11, A-8-1

OMAHA, NEB.-NORTHERN NATURAL GAS CO. MAKES PACT WITH MICH.-WISCONSIN PIPELINE CO. TO SUPPLY GAS FOR DET. AREA

D 11, A-11-2 5\*

MICH. CON. GAS CO. TO GET ADDITIONAL 30 MILLION CUBIC FEET OF NATURAL GAS DAILY STARTING N 1ST IF FPC OK'S APPLICATIONS OF 2 PIPELINE FIRMS

----1960---- MR 22, A-15-1

WAYNE CO. BD. OF SUPERVISORS IGNORE ATTY. GEN. RULING & WILL KEEP LEONARD SIMONS AS EXPERT ON GAS HIKES

AP 29, C-14-1 FIN 5

MICH. CONSOLIDATED GAS CO. WINS NEW HEARING IN BATTLE FOR PANHANDLE GAS TERHORST

O 26, D-7-2 LF

MAYOR MIRIANI RULES THAT GAS INSTALLATIONS IN STORES MUST BE MADE WHEN STORE IS CLOSED TO PUBLIC

N 1, A-5-3

MICH. CON. GAS CO. BEGAN GETTING GAS TODAY FROM CANADIAN PROVINCE OF ALBERTA, GIVING MICH. CON. A 3RD SOURCE OF SUPPLY

----1961---- N 2, A-1-4 LF

LEGAL SAFEGUARD TO PREVENT PANHANDLE EASTERN PIPELINE CO. FROM A SURPRISE ENTRY INTO DET. INDUSTRIAL MARKET PROPOSED

~~SECRET~~ 1961

## PANHANDLE EASTERN PIPE LINE CO. BEGINS PUMPING NEW GAS SUPPLY

LEGISLATURE GETS NATURAL GAS FEUD BETWN MICH. CONSOLIDATED GAS CO. & PANHANDLE EASTERN PIPE LINE CO.-HOENSHELL

MICH.CON.GAS.CO. & PANHANDLE EASTERN PANHANDLE PIPE LINE CO.SIGN SETTLEMENT PACT  
---1965--- JA 11 A-17-7

JA 11. A-17-7

AMERICAN LOUISIANA PIPE LINE CO. & MICH. WISCONSIN PIPE LINE CO. SEEK  
OK OF FPC FOR PIPELINES TO GET GAS FROM 3½ MILES BELOW FLOOR GULF OF  
MEXICO FOR DET.

MR 5. Roto 8

C FRANK MENCOTTI HAS OWN PRIVATE GAS POCKET TO ESCAPE MICH<sup>TH</sup>  
CONSOLIDATE GAS CO-NOBLE --1971-- JA 10.B-5-1

JA 10.B-5-1

MICHIGAN CONSOLIDATED GAS CO TO FIGHT MORTON STERLING OF  
AIR POLLUTION CONTROL DIVISION ON WHO SHOULD HAVE PRIORIT  
FOR SERVICE--KERWIN 1072xxy Mxy44x8x6x1

DIR X 14 X 8 X 6 X 1

014400Z APR 73  
 FM JCRC  
 TO SECDEF  
 INFO SECSTATE  
 CITE 15-00000  
 1973-04-23 D-6-2

UNIROYAL SAYS DETROIT PLANT MAY SHUTDOWN THIS WINTER DUE TO  
ENERGY SHORTAGES---GAINOR

GAS: NATURAL: DETROIT

1973

O 25, D-15-2

CONSUMERS POWER CO. WARNS THAT GAS SUPPLY SHORTAGES MAY CAUSE IT TO STOP ACCEPTING NEW CUSTOMERS THIS WINTER AFTER FPC DENIES IT RT. TO BUY 22 BILLION CUBIC FT. OF NATURAL GAS FROM LOUISIANA-NELSON

N 1, A-3-1

CONSUMERS POWER CO. SHUTS OFF ALL NATURAL GAS TO DEHO CO FORCING DET. TO USE DWINDLING STOCK OF FUEL OIL-S. CAIN

N 1, C-28-1

MICH. CONSOLIDATED GAS CO. ELECTRIC SIGNS OVER LODGE & CHRYSLER FREEWAYS URGE CUSTOMERS TO CONSERVE GAS-WENDLAND

D 25, A-3-6

GAS RESTORED TO 170 FAMILIES IN 2 APTS DESPITE OWNER OWING \$200,000

-1979-

D 22, A-12-1

JUDGE REJECTED PETITION BY MICH CON GAS FOR ORDER TO LET UTILITY CONTINUE SHUTTING OFF SERVICE-ROACH

-1983-

JA 19, A-9-1 W

CASS CORRIDOR SERVICE RESTORED

-1986-

0 13, B-4-5W

Burglars who broke into office in Kinsel Bdlg trying to get  
into safe cut thru gas line. -1995- Je 08 D 6-5D  
450 children evacuated from Frank Beard Elem.School,Lafay-  
ette & Waterman;workers broke into natural gas line

GAS : NATURAL : DISTRICT OF COLUMBIA

1947

F 23, 1-8-3

BREAK IN MAIN BRINGS SHORTAGE

WHETHER OR NOT TO SIGN KERR BILL IS TRUMAN'S HEADACHE -AP 6, 32-2  
 CUT IN BTU CONTENT AUTHORIZED BY PSC MEANS LESS HEAT AT SAME PRICE-  
 AG 24, 32-2  
 JNO. L. LEWIS PREMIER GAS SALESMAN

---1953---

D 6, B-22-1

RATES CHARGED IN FUTURE WILL BE REASONABLE-EDIT

---1954---

MY 2, B-18-1

IS THE GAS SITUATION GOOD FOR BUSINESS-EDIT

---1955---

JE 13, 22-1

NATURAL GAS COURGE IN THE MAKING-EDIT.

-----1957-----

JE 11, 26-1

PAVING THE WAY-EDIT.

---1973---

JE 9, A-4-1

POOR USE OF VALUABLE FUEL---EDIT.

-----1975---S 6, A-4-4

DECONTROL TO EASE NATURAL GAS CRISIS-EDIT

---1976---D18, A-4-1

GAS SAVING PLANS MERIT STUDY.-EDIT

-1977-

N 15, B-6-1

BILL TO TURN OFF GAS LIGHTS BY 1982 A PINPRICK-EDIT

--1985--

Ag 13, A-16-1

Only way to ensure cheapest, efficient provision & transportation of it is to deregualte completely=Edit.

1965

GAS - NATURAL - EUROPE

D 28, C-11-5

LONDON-RECENT NATURAL GAS STRIKE UNDER NORTH SEA IS PROMPTING THE NETHERLANDS TO STEP UP MARKETING EFFORTS FROM ITS HUGE GRONINGEN FIELD

-1980-

N 27, M-7(4)1W

MOSVOW-RUSSIA SET TO MAKE DEAL TO SUPPLY W. EUR WITH NATURAL GAS.

-1981-

O 2, A-20-1AM

DC-3 AMER OIL FIRMS & OTHERS ON DEAL TO BRING RUSSIAN NATURAL GAS TO W. EUR.

-1983-

N 24, F-1-3

POMARY, USSR-SIBERIAN PIPELINE EXPECTED TO START GAS DELIVERIES IN JAN

Form 1656

MR 16,4-1

SEN. PRENTISS M. BROWN LEADS SENATE FIGHT TO BRING PIPE LINES UNDER FEDERAL CONTROL-

MR 17,7-1

SEN BROWN FILES BILL TO FEDERAL CONTROL & RATE SLASH

MR 23,8-4

JOHN W. SMITH ATTENDING HEARINGS IN WASHINGTON

MR 25, 2-1

ACTION IN THIS SESSION PROMISED JNO W SMITH-MOODY

AP 15, 51-2 BL STR

MICH PUBLIC UTILITIES COMM APPROVES SEN BROWN'S GAS PIPELINE BILL

AP 22,4-1-BLST

HOUSE INTERSTATE COMMERCE COMM. APPROVES BILL FOR FEDERAL REGULATION

AP 28,14-3

REP. CLARENCE LEA URGES FEDERAL CONTROL

JL 2, 4-3

HOUSE PASSES & SENDS TO SEN BILL TO PLACE GAS UNDER CONTROL OF US

AG 11, 35-1 BL STR

SEN INTERSTATE COMMERCE COMMITTEE APPROVES BILL FOR FED CONTROL OF GAS

AG 20, 36-3 NITE

SEN. UPHOLDS NAT. GAS REGULATIONS MEASURE

JE 7,2-3-BLST

SENATE APPROVES NATURAL GAS REGULATION

AG 20, 56-6

NYC-MULTI MILLION DOLLAR FINANCING PROGRAM TO BUILD A NATURAL GAS PIPE  
LINE FROM TEXAS TO FLORIDA --- -1959---

JE 1, 24-5 5\*

BROOKER, FLA.-HOUSTON CORP. OPENS 1ST GAS PIPELINE IN FLORIDA

1956

GAS - NATURAL - GEORGIA

D 26, 11-4

MANCHESTER-GAS MAIN BREAKS-GAS SUPPLY CUT OFF

---1958--- F 19, 4-8

ATLANTA-EMPLOYEES OF ATLANTA GAS LIGHT CO. ARE BREWING THEIR COFFEE ON  
AN ELECTRIC HOT PLATE TO SAVE GAS DURING COLD WAVE

PREDICTION OF NATURAL GAS COMING FROM BENEATH WATERS OF GREAT LAKES  
IN A FEW YEARS--WULFIER --1976--- MY 14, 36-1  
JE 24, B-3-1

US KEEPS BAN ON DRILLING FOR GAS UNDER WATERS OF GT. LAKES,  
CANADA PUSHES LAKE ERIE GAS HUNT--THEISEN

-----1977-----F27, A-3-2  
DISCUSSION OF UNTAPPED RESERVOIR OF NATURAL GAS  
BENEATH LAKE ERIE-- PETERSON -1980- JA 23, B-2-1ED  
3 STATES BORDERING LAKE ERIE TO TAP LAKE'S UNDERWATER GAS  
DEPOSITS--KERWIN 1982- O 14, B-6-1D  
CLEAN WATER VS NATURAL GAS FIGHT IS HEATING UP IN LAKES--  
KERWIN

GAS - NATURAL - GREAT BRITAIN

1965

LONDON-SEARCH FOR NATURAL GAS IN NORTH SEA BY BRITISH PETROLEUM CO TO  
BE DELAYED BY SINKING D 27 OFF DRILLING PLATFORM SEA GEM

--1966--

S 12, C-9-5

FLOATING OIL RIG ORION HAS STRUCK NATURAL GAS 5,000 FT. BE-  
LOW NORTH SEA BED OFF ENGLAND'S EAST COAST

---1967---

MR 8, D-9-1

EASINGTON-1ST GAS FROM NORTH SEA RECEIVED BY BRITAIN

---1977---

JA 5, A-6-1

LONG DRY SPELL LINKED TO BRITISH GAS BLASTS.

1963

GAS: NATURAL: HOLLAND

JA 22, A-20-8

NY-STANDARD OIL CO. (NEW JERSEY) & ROYAL DUTCH-SHELL GROUP COMPLETING  
NEGOTIATIONS FOR CONCESSION RIGHTS IN GRONINGEN FIELD

JA 18, 33-2

ILL. BELIEVES TH RE SHOULD BE NO NO DIVERSION NATL GAS

~~1952~~

D 18, 8-3

PANHANDLE EASTERN PIPE LINE CO. MAKE TESTS OF NEW GAS STORAGE FIELD  
IN WAVERLY~~1953~~

AG 12, 5-1

CHI-GEOLOGISTS INVESTIGAT GAS FLOWING FR. SHALLOW WATER WELLS ABOUT  
HERSCHER NATURAL GAS STORAGE RESERVOIR;~~1958~~

AG 4, 24-8

CHICAGO-PEOPLES GAS LIGHT & COKE CO. CALLS OFF \$76 MILLION PROGRAM TO  
BRING ADDITIONAL NATURAL GAS TO THIS AREA FROM NEBRASKA

GAS : NATURAL : INDIANA

1947

D 15, 33-4 BS 2

S<sup>U</sup>P CRT UPHOLDS RIGHT OF IND. TO REGULATE NAT GAS SALES

GAS:

NATURAL:

INDUSTRY

1938

Form 1656

JL 8, 27-6

REGULATION OF INDUSTRY GETS UNDERWAY ---1940---

JE 11, 16-5

SENATE JUDICIARY SUB-COMMITTEE DECIDES ON INVESTIGATION OF ABOVE

---1950---

F 8, 38-8 BS 2

SEC ASKS LEGIS. TO SET UP BIGGER CURB OF GAS SECURITIES

---1954---

O 12, 78-8

ATLANTIC CITY, N.J. NATURAL GAS INDUSTRY WARNED TO GIRD FOR FIGHT WITH  
ELECTRIC POWER FIRMS OVER YEAR AROUND AIR CONDITIONING OF U.S. HOMES

---1955---

JA 9, B-5-1

NATURAL GAS INDUSTRY IS AHEAD IN 1954

---1957---

JA 21, 28-6

AMER. GAS ASSN. PREDICTS GROWTH FOR GAS INDUSTRY

Form 1656

D 28,2-3

MILWAUKEE CITIZENS PROPOSE ALLIANCE OF CITIES, HEADED BY DETROIT TO  
FORCE FEDERAL QUIZ OF NATURAL GAS PROBLEM

D 31,4-6

JOHN W SMITH MENTIONED AS LEADER OF ALLIANCE OF CITIES TO DEMAND QUIZ

---1935---

F 13,31-8

NATURAL GAS QUIZ NEXT FOR TRADE COMM; HEARINGS TO START NEXT MONTH -GAR  
-DNER

F 17,1-3-4

DET. COUNCILMAN JOHN W SMITH ASKS DEPT OF JUSTICE TO QUIZ CONTRACT BET-  
WEEN UNITED LIGHT & POWER & COLUMBIAN GAS & ELECTRIC

MR 23,13-1

DETROIT COUNCIL BACKS SEN COUZENS PROPOSAL FOR INQUIRY

AG 6,16-4

LANSING AWAITING 2 HEARINGS ON GAS

N 4,11-7

FTC STUDIES DET. GAS RATE PLAN

N 21,47-5-NITE

GEO. H. SHAW TELLS OF TAKING \$350,000 FROM STANDARD OIL CO. OF IN. &  
GIVING IT TO FREDERICK G. BONFELS

N 27,9-2

WITNESSES DENY CHARGES THAT CONSUMERS' POWER CO. & MICH. STATE PUBLIC  
UTILITIES CO. TRIED TO CHOKE OFF GAS FROM MICH.

D 5,1-4-BLST

CLYDE J. HOLMES' THREAT TO 'BLAST' WM. A. COMSTOCK IN NEWSPAPERS IF HE  
DIDN'T LAYOFF CONSUMERS POWER CO. OFFICIALS TOLD TO FTC

---1936---

JA 10,25-8

FTC RECOMMENDS FEDERAL SETUP TO CONGRESS

---1939---

AG 9,29-7

FEDERAL GOVT. STUDIES GAS DEALS IN LOUISIANA INVESTIGATION

--1939--

O 31,29-6-BLST-MO

SEN. GERALD P. NYE OPPOSES APPROVAL OF ANY SETTLEMENT OF GOVT'S MONOPOLY CASE AGAINST COLUMBIA GAS & ELECTRIC CORP. PENDING A CONGRESSIONAL HEARING

--1940--

MR 11,1-1

SEN. GERALD P. NYE DEMANDS GOVT. PROSECUTE COLUMBIA GAS & ELECTRIC CO. UNDER THE ANTI-TRUST STATUTE - MOODY

MR 13,6-4

SEN. GERALD P. NYE PASSES DEMAND FOR SENATE INVESTIGATION OF COLUMBIA GAS & ELECTRIC CO.

MR 14,24-2

GAS FACTS SHOULD BE OBTAINED - EDIT

AP 12,1-1

DET. ASKS SENATE INQUIRY OF GAS DISTRIBUTION IN CITY  
SENATE TO INVESTIGATE MONOPOLISTIC PRACTICES OF COLUMBIA GAS & ELECTRIC CO. - MOODY

AP 19,1-5

AP 20,17-4

MAYOR JEFFRIES TELLS SEN. COMM. DET. RATES TOO HIGH  
SEN. CARL A. HATCH PREDICTS VICTORY FOR DETROIT IN GAS RATE FIGHT - MOODY

AP 22,1-1

AP 25,17-4

DET. FIGHT TO GET MORE GAS & LOWER RATES MAY PRECIPITATE U.S. INQUIRY - MOODY

MY 2,1-2

BRIBE CHG VS WM. STANLEY BOLSTERS DEMAND FOR QUIZ - MOODY

MY 7,18-1

SWEEPING INQUIRY OF JUSTICE DEPT.'S HANDLING OF COLUMBIA GAS & ELECTRIC CO. LITIGATION SEEMS APROPOS - EDIT

MY 14,12-2

SEN. ROBT. BUKLEY CHGS. GRP. LARGE COS. HAVE MONOPOLY ON NATURAL GAS - MOODY

JE 16,5-23-3

DETROITERS URGE SPEED UP OF SENATE INVESTIGATION

US OPENS GAS SHORTAGE QUIZ-MICH ASKS WINTER RELIEF-  
 FPC SILENCES PANHANDLE COUNSEL ON STATEMENT THAT THERE IS NO GAS  
 SHORTAGE-MOODY  
 FPC RUSHES DECISION BY MY 1 TO BEAT GAS DEADLINE-MOODY  
 FPC GIVEN EASY PLAN TO AVERT LACK OF GAS-MOODY  
 FPC ORDERS PANHANDLE EAST TO PRODUCE FULL STORY-MOODY  
 PANHANDLE EAST ACCUSED REFUSING TO CO-OPERATE  
 GAS FOR STATE IS COSTLY FOR OHIO-MOODY  
 ROW BREAKS OUT OVER GAS FOR FORD MOTOR & GT.LAKES STEEL-MOODY  
 FPC OFFERS USE ON PANHANDLE EAST SYSTEM EXTRA 10,500,000 CU FT GAS A  
 DAY  
 MICH TO LAY CASE FOR MORE GAS BEFORE FPC NEXT WEEK-MOODY  
 ---1956---  
 FBI MOVES IN FOR QUIZ ON BRIBE BY ABOVE INTERESTS TO SEN CASE-M HAYDEN  
 FED.GD.JURY OF U.S.OPENS QUIZ ON BRIBE OFFERED SEN.CASS IN ABOVE BILL  
 SEN.McCARTHY LINKED TO GAS BILL BRIBERY PLOT -M.HAYDEN  
 NOBODY ASKS,IF EVERYONE KNOWS-EDIT.

Ap 7, 1-5

Ap 7, 1-3 BS 2

Ap 8, 1-2

Ap 9, 1-5

Ap 10, 1-6

Ap 13, 4-5

Ap 14, 22-4

Ap 15, 26-1

Ap 16, 41-2 FINAL

Ap 17, 3-6

F 5, 1-1-8 X

F 14, 1-2 X

F 14, 19-1 X

F 15, 38-1

---1958--- MY 1, 1-7

AMER. NATURAL GAS CO, NORTHERN NAT. GAS CO, & OTHERS INDICTED FOR VIOLATION OF ANTI TRUST LAWS

MY 2, 10-1

MY 28, 21-4 1H

MILWAUKEE-3 MAJOR MIDWESTERN NATURAL GAS FIRMS PLEAD INNOCENT

---1960--- AP 20, C-14-5

FPC WM. CONNOLLY COMMSR. REPORTEDLY BEING DROPPED BY IKE ADM.

--1963--

MY 19, B-2-3 3\*

CHIC-PEOPLES GAS LIGHT & COKE CO OF CHIC; NORTHERN GAS CO OF OMAHA & AMERICAN NATURAL GAS CO OF NY FINED \$100,000 EACH FOR CONSPIRING TO PREVENT COMPETITION

GAS: NATURAL: IOWA

1955

Q 10, 2-3 1H

REDFIELD-LEAKING UNDERGROUND NATURAL GAS RESERVOIR FOUR MILES NORTH  
OF HERE

---1959--- MR 12, 3-5

DES MOINES-F.O.FESSLER DIGS FOR WATER & HITS GAS WELL INSTEAD

**GAS : NATURAL : ISRAEL**

**1979**

**AP 7, A-12-2**

**JERUSALEM-ISRAEL PLANS TO DRAIN NATURAL GAS FROM FIELDS  
SOUTH OF GAZA STRIP.**

GAS- NATURAL-JAPAN

1966

FINDLAY-OHIO- MARATHON & OTHERS WILL SUPPLY

JL 14, D-7-2

JA 22, 6-3

GAS SHORTAGE CHILLS HOMES IN 2 STATES

~~1955~~

F 24, 62-1

F 25, 43-4

GAS SUPPLY TO 8 TOWNS HERE IS CUT OFF

BREAK IN GAS SUPPLY LINE IF FIXED, KANSAS HOME GET HEAT

1977

~~GAS: NATURAL: KENTUCKY: JA4, B-3-1~~

LOUISVILLE- SCHOOLS IN EASTERN KENTUCKY HIT BY  
40% CUTBACK FR. NATURAL GAS SUPPLIER.

**GAS : NATURAL : LIQUEFACTION**

**1940**

**Form 1656**

**0 8, 28-6**

**AMER. GAS ASSN. REPORTS METHOD TO LIQUEFY NATURAL GAS**

GAS: NATURAL: LITHUANIAN

1990

Ap 17 A 3-2

Soviets squeeze Lithuania-Natural gas supplies are sharply cut

- STATE BEGINS INQUIRY ON ALL OIL & GAS LEASES OF STATE-OWNED LANDS  
 BATON ROUGE-GAS FLARES IN UNIVERSITY OIL FIELD TO BE SNUFFED OUT TO  
 SAVE GAS & ELIMINATE BLACKOUT PROBLEM  
 Form 1656  
 ---1942---  
 AG 15, 28-4  
 MR 6, 12-2
- MORGAN CITY-AMER. LA. PIPE LINE CO. & MICH-WISC. PIPE LINE CO. TAPPING NEW  
 FIELDS 4 MILES UNDER GULF OF MEXICO-DOWDY  
 ---1965---  
 AG 4, D-10-1
- NEW ORLEANS-EX-GOV. SAM JONES TELLS OF DAYS WHEN NATURAL GAS  
 BURNED OFF AT HOLE WHEN PRICES NOT HIGH  
 ---1974---  
 JA 31, XB-6-1
- LA. CURBS SHIFT OF NATURAL GAS.  
 ---1977---  
 MR 17, B-1-5 STATE
- DC-MICH JOINS FIGHTS AGAINST LA TAX ON NATURAL GAS  
 -1979-  
 MR 30, A-12-1
- AMER NATURAL GAS PRODUCTION FOUND NEW WELL IN LOUISIANA  
 AP 5, C-3-1

MEX. TO EXPORT GAS TO US AUG 15

--1977---

JL 26, 2-5

O 20, A-1-6

WASH-DR. TODD M. DOSCHER SAYS US LOOKS TO MEXICO FOR KEY GAS  
SUPPLY-PETERSON

D 22, A-5-5

REYNOSA, MEXICO-MEXICO ASKS TOP GAS PRICE-FENTON

D 23, A-4-1

MEXICO CITY-MEXICO WITHDRAWS OFFER TO SELL GAS TO U.S

-1978-

JA 22, A-3-3

MEXICO CITY-VP WALTER MONDALE DISCUSSES ENERGY, IGNORES  
WITHDRAWN GAS OFFER

-1979-

JA 10, A-19-1 D

DC-SCHLESINGER WANTS CARTER TO SPURN MEXICAN GAS AS NOT  
HELPING AMERICAN PRODUCTION-SMITH

JA 28, A-20-1

WASH-US URGED TO BUY MEXICAN NATURAL GAS

F 17, A-4-2

DC-CARTER &amp; LOPEZ SET NATURAL GAS TALKS

S 22, A-5-3

WASH-PRES. CARTER ANNOUNCED AGREEMENT FOR PURCHASE OF MEXICAN  
NATURAL GAS

MC-BLASTS KILL 269

-1984-

N 20, A-1-5

N 21, A-1-5 4DOT

MEXICOCITY-275 BURIED, TOLL MAY GO UP

N 21, A-6-4

TLALNEPANTLA-BLAST VICTIMS LIVED IN FEAR, TRAPPED BY

POVERTY-ANGELO

N 22, A-12-5

MC-HEALTH CREWS FUMIGATED NEIGHBORHOOD

N 23, A-4-3

HOMELESS GET FOOD, CLOTHING.

0

GAS : NATURAL : MICHIGAN : ANN ARBOR

1939

Form 1656

MY 6, 17-7

PERMISSION GIVEN FOR ANN ARBOR TO GET GAS FROM TEXAS

GAS : NATURAL : MICHIGAN : CONFERENCE

1941

Form 1656

JE 13, 18-4

OUTSTATE OFFICIALS WARNED VS MISTAKES MADE BY DET

~~1952~~

JE 24, 16-1

GOVT & PUBLIC UTILITY AID TO MEET ~~JE 22~~ ON REMOVAL RESTRICTIONS ON  
GAS USES

GAS: NATURAL: MICHIGAN: DEARBORN

1940

Form 1656

AP 17,11-3

DEARBORN HITS HI RATES OF MICH. CONSOLIDATED GAS CO. AP 26,12-5  
FREDERICK R. STORRER PRESENTS PLAN FOR MUNICIPALLY-OWNED GAS PLANT

GAS, - NATURAL - MICHIGAN - ECORSE

1954

AP 29 , 38-1

OFFICIALS APPEAR BEFORE PUBLIC SERVICE COMMIS IN ~~ATTEMPT~~ ATTEMPT TO OBTAIN  
GAS FOR ECORSE HOMES

MICH.PUB.SERVICE COMMSN. IS SEEKING TO LIFT ALL STATE ORDAINED REST-  
 RIXIONS N NUMBER F HOMES WHICH MAY BE HEATED BY NATURAL GAS-EDIT.

AG 10, 4-1

---1961--- JA 10, A-22-1

GOV'T AND NATURAL GAS-LET'S END THE FIGHT-EDIT.

---1977--- JA 28, B-4-1

REALLOCATION PROGRAM COULD HURT MICH. GAS SUPPLIES.  
 EDIT

JE 27, B-6-1

MICH NATURAL GAS SUPPLY READY FOR SEVERE WINTER-EDIT

JL 19, B-4-1

NO REASON TO BE COMPLACENT AS GAS SUPPLY STRONG NOW-BUT CLOCK  
 TICKS ON-EDIT

O 14, B-6-1

MICH.RESIDENTS MAIN WORRY AS FED.RAID TAKEN ON ITS GAS,WITH  
 COLD WINTER STILL AHEAD

---1978---

MR 18, A-22-1

CRITICAL FUEL CHOICES AHEAD AS GASIFICATION& ALCAN LINE  
 COULD MEET STATE NEEDS-EDIT

-1989

J1 28 A 10-1

Bush signed bill removing the last remaining fed price  
 controls on natural gas-Edit

GAS : NATURAL : MICHIGAN : FLINT

1941

PREDICT NATURAL GAS FOR FLINT WITHIN 30 DAYS  
Form 1656  
---1954---

N 28, 40-4

My 22, 21-2

GALAN STAFFNE FINED \$35 FOR SELLING GAS ACCIDENTALLY AS FUEL OIL

Form 1656

- INDEPENDENT GAS PRODUCERS PROMISE NATURAL GAS TO GD RAPIDS D 20,51-8 NITE  
D 21,22-5  
3RD PETITION FILED IN GRAND RAPIDS FOR NATURAL GAS D 28,9-3  
UTILITIES COMM'SN ORDERS HEARING JAN.20 FOR 3 COMPANIES' APPLICATIONS  
TO PIPE GAS TO GD RAPIDS ---1936--- JA 14,28-1-NITE  
RALPH E.DAVIS,PITTSBURGH, SOUGHT TO ASSIST CITY IN FRAMING PLAN FOR A  
NATURAL GAS SURVEY JA 17,2-4  
CITY SEEKS TO BLOCK GRAND RAPIDS GAS LIGHT CO.FROM OBTAINING PIPELINE  
PERMIT AP 1,29-7  
CITY OFFICIALS ACCEPT GAS HOME RATE AP 10, 45-1  
PUB UTIL COMM DENIES GD RAPIDS GAS & LIGHT CO RIGHT TO FURNISH GAS  
AP 10, 45-1  
OIL & GAS ASSN DENOUNCES COMMISSION AP 14,33-5-NITE  
CITY GETS GAS LINE PERMIT,PIPELINE TO BE CONSTRUCTED IMMEDIATELY  
MY 12,11-4-NITE  
CITY RENEWS PLEA FOR FULL NATURAL GAS MY 27,44-1  
BAY CITY OPPOSES 100% NATURAL GAS FOR GD RAPIDS JE 24,4-1-NITE  
GRAND RAPIDS GAS LIGHT CO.LOSES FIGHT TO SUPPLY GD RAPIDS

1963

GAS - NATURAL - MICHIGAN - GROSSE ILE

JE 20, A-15-1

CONSTRUCTION OF \$1,000,000 SYSTEM TO DISTRIBUTE NATURAL GASS TO GROSSE  
ILE STARTED BY MICH.CON.GAS CO.

Form 1656

JL 16,2-1

ISAIAH LEEBOVE CALLED IN QUIZ

JL 17,3-3

R A SMITH SAYS NO ONE CAN GUESS HOW MUCH GAS WILL BE FOUND IN MICHIGAN  
-MCGOWAN

JL 17,1-4 BL STR

STATE ASKS DETROIT COUNCIL TO DEFER CONTRACTING FOR SUPPLY OF GAS FROM  
TEXAS FIELDS-MCGOWAN

JL 30,30-1

CLARE-LEGISLATURE MAY RECOMMEND RESTRICTION OF RIGHT OF CITIES TO CON-  
TRACT FOR GAS.

JL 31,32-2

T.M.TAGGART SAYS TEXAS LINE IS PERIL

AG 6,26-4 C M

ISAIAH LEEBOVE WARNS DETROIT OF GAS SCHEME;SAYS PLAN WOULD GIVE STATE  
TO 'RUTHLESS' MONOPOLY

AG 8,9-1

HEARINGS END IN DISCORD;DISSENTERS CHARGE WITNESSES WERE 'HAND-PICKED'  
& PROGRAM RE-ARRANGED

---1937---

MY 26,21-3

STATE INQUIRY WILL RUN UNTIL JULY

JE 9,22-6 CITY

MICH PUB UTILITIES COMM HOLDS HEARING ON MICH GAS INDUSTRY

JE 10,8-4

WASHTENAW GAS CO. WANTS ABOVE FOR ANN ARBOR CUSTOMERS

S 14,11-3

STATE COMMITTEE BEGINS DRAFT OF STATE GAS REPORT

N 19,12-1

STATE COMMITTEE FAILS TO GIVE ESTIMATE OF STATE'S RESERVE

---1938---

MR 13, 1-4-4

FLINT-GRAND JURY TO SEE IF MICH HAS ENOUGH NAT. GAS FOR HER NEEDS NEXT  
WEEK-BARNES

---1939---

E 27,26-5

JUDGE RALPH W.LIDDY ENDS TERM OF GAS GRAND JURY

-----1953- -

MR 17, 17-3

INQUIRY INTO NATURAL GAS SUPPLY OF MICH.& REQUIREMENTS OF ALL PUBLIC UT  
ILITY SELLING GAS LAUNCHED BY PSC

MR 31, 19-6

DETROIT TO BE SUBJECT TO MPSC QUIZ IN APRIL INTO SUPPLY & DEMAND OF  
ABOVE IN MICHIGAN

---1954---

MY 25, 11-4 5\*

SENATE QUIZ DUE IN DET. IN GAS FIGHT

GAS : NATURALL: MICHIGAN : LEASES

1938

Form 1656

JA 30, 1-1-1

COSNUMERS POWER Co. ACCUSED BY MICH PUB. UTILITIES COMSN OF ACTING AS  
MONOPOLY TO BLOCK DEVELOPMENT OF MICH NAT. GAS FIELDS-BARNES

---1941---

AP 26, 18-1

LEASE RIGHTS FOR 70 ACRES OF PROVEN LAND IN WINTERGREEN TWP. TO BE AUC-  
TIONED MAY 9

GAS - NATURAL - MICHIGAN- MARSHALL

1952

MR 29,15-5

EMPLOYE TURNS WRONG VALVE SHUTTING OFF GAS

GAS : NATURAL : MICHIGAN : MONROE

1941

Form 1656

MR 21, 32-7

NATL.UTILITIES CO.ASKB PERMISSION TO INSTALL NATURAL GAS

GAS - NATURAL - MICHIGAN - NORTHVILLE

1955

MY 5, 50-1

NORTHVILLE OIL FIELD IS BEING CONVERTED TO NATURAL GAS PRODUCTION  
TODAY

GAS: NATURAL: MICHIGAN: OAKLAND COUNTY

1938

Form 1656

JL 19,16-5-BEST

COMMITTEE PLANS NATURAL GAS FOR OAKLAND CO.CITIES

GAS : NATURAL \* MICHIGAN : PONTIAC

1942

Form 1656

GAS MAINS TO BE CONNECTED NEXT WEEK WITH LINE FROM TEX.

AG 28, 27-1

GAS : NATURAL : MICHIGAN : PORT HURON

1950

N 29, 51-4

CITY STUDIES MUNICIPAL GAS PLAN

GAS: NATURAL: MICHIGAN: RESOURCES

1937

Form 1656

D 7,4-2

C.K.WIRTH, OUSTED ENGINEER, DEFENDS HIS ESTIMATE OF MICH.GAS RESOURCES

**Ag 11, A-16-1**

**SCHOOLS SEEK WINDFALL SUMS FOR RESERVES UNDER SCHOOL LAND-  
POLLACK**

GAS: NATURAL: MICHIGAN: ROYALTIES

1936

LANSING-INVESTORS WARNED ABOUT <sup>FORM 1656</sup> BUYING SHARES

JE 21, 1-1-5

GAS, - NATURAL - MICHIGAN - SAGINAW COUNTY

1955

JA 13, 12-6

SAGINAW-OIL WELL HITS GAS AND WATER AT SAME TIME

1964

GAS : NATURAL : MICHIGAN : SIMPTER TOWNSHIP

D 30, B-11-4 Z 1

FIRST NATURAL GAS SERVICE TO ABOVE TO BEGIN JAN 1, THE MICH. CONSOLIDATED  
GAS CO. ANNOUNCED

GAS: NATURAL: MICHIGAN: SURVEY

1937

Form 1656

JL 22,5-1  
D 9, 8-1

STATE ORDERS SURVEY OF SUPPLY

ENGINEER'S REPORT FIGURES 400 BILLION OF ABOVE IN RESERVE

1964

GAS: NATURAL: MICHIGAN: UPPER PENINSULA

JL 3, A-19-3

MICH. CONSOLIDATED GAS CO. ANNOUNCED IT WILL BRING NATURAL GAS SERVICE TO CENTRAL PART OF UPPER PENINSULA BETWEEN ESCANABA & IRON RIVER

---1965---

F 2, B-4-5

FIGHT BTWN MICH. CONSOLIDATED GAS CO. & NORTHERN NATURAL GAS CO. FOR WESTERN END OF UP TO BE CARRIED BEFORE FPC

F 10, B-4-2

LANSING-MICH. FILES PROTEST WITH FPC TO PROPOSED CONSOLIDATION OF APPLICATIONS TO BRING ABOVE TO UP

F 28, B-24-1

LANSING-ATTY. GEN. KELLEY TELLS FPC THAT 3 GAS COS. WHOSE APPLICATIONS ARE UNDER STUDY SHOULD BE PERMITTED TO SERVE UP AP 30, D-15-6 5\*

WASH-FPC OKD APPLICATION BY MICH. CONSOLIDATED GAS CO. & MICH. WISCONSIN PIPELINE CO. TO SERVE 36 COMMUNITIES & 1 IRON ORE PLANT IN UP

---1966---

JA 26, B-4-1

MARQUETTE-VALVE OPENING CEREMONY HELD AT MICH. GAS & ELECTRIC CO. PLANT OPENED NATURAL GAS FOR MARQUETTE, ISHPeming & NEGAUNEE

Form 1656

The Detroit News

Ag 21, 33-2

FOUND ON HARSSEN'S ISLAND AG 20 1932 ~~1932~~ D 25, 28-8  
 CLARE-MICKNELL, NO 2, JAS MCKAY'S WELL, FLOWS 16,000,000 CU FT  
 1932----- MR 17, 11-4  
 MICH PRODUCERS CLAIM SUFFICIENT SUPPLY FOR DETROIT MR 20, 1-4-1  
 OIL & GAS PRODUCERS' ASSN OF MICH URGES SUPPLY FORM DET AP 9, 1-7  
 W J SOVERTIGN, BAY CITY, SAYS DET CITIGAS HAS NO INTENTION OF PIPING TO  
 DETROIT; MICH SUPPLY SUFFICIENT-KAVAKAGH-PERE MARQUETTE WELL, NO 1  
 BLOWN IN AP 8 JE 2, 12-4  
 R A SMITH, STATE GEOLOGIST, SAYS SUPPLY TOO UNCERTAIN FOR DETROIT USE-  
 MCGOWAN JE 30, 41-4  
 JOHN SMITH, JE 29, TOLD SAGINAW ROTARIANS THAT POWER FIRMS IGNORE  
 SUPPLY AG 5, 4-4 BBEx  
 NEW WELLS AT MT PLEASANT INCREASE SUPPLY AG 20, 4-8  
 CONSUMERS POWER CO OFFERS IT TO BAY CITY & SAGINAW O 7, 4-1  
 REPORT OF WILD WELL AT MT PLEASANT CALLED ERRONEOUS N 8, 4-5  
 COMPANY, NOT YET FORMED, OFFERS FRANCHISES TO 8 TOWNS-SHEPHERD, ALMA,  
 ITHACA, ST LOUIS, BRECKENRIDGE, MERRILL, WHEELER & NHEMLOCK D 20, 1-8  
 MICH PUB UTILITIES COMM GRANTED MICH NATURAL GAS CORP RIGHT TO BUILD  
 PIPE LINE FROM MT PLEASANT-MIDLAND FIELD TO SAGINAW & BAY CITY D 21, 14-3  
 SMITH CHARGES UTILITY BD SOLD OUT PUBLIC TO PRIVATE INTERESTS

1932 (CONTD)

D 22,17-1

UTILITIES COMM SAYS BODY ACTED IN INTERESTS OF PEOPLE D 27,4-4

SHEPHERD-5 TOWNS ASK POSTPONEMENT OF HEARING ON GAS PIPE LINE FROM ISABELLA GAS FIELDS TO ALMA, ---1933---

JA 10,7-2 CITY

OFFER OF 15¢ PER HUNDRED CUBIC FEET MADE TO BAY CITY F 14,7-1 MAIL

CONSUMERS POWER CO OFFERS IT, TO SAVE CITY \$68,000 A YR. MR 2,27-7

BAY CITY REJECTS PLAN OFFERED BY CONSUMERS POWER CO. MR 17,26-2

DIG RAPIDS-TAGGART BROS BRING IN 4,000,000 GALLON FT. WELL MR 25,15-8

BAY CITY-LOUIS B HARRISON, CITY CHEMIST, RESIGNS FROM NATURAL GAS COMM.

MR 28,3-5 CITY

BAY CITY APPROVES CONTRACT WITH CONSUMERS POWER CO. AP 10,8-1 CITY

NEW 9 MAN COMM. CONSIDERS CONTRACT WITH CONSUMER'S POWER MY 9,28-2

BAY CITY ACCEPTS DISPUTED CONTRACT WITH CONSUMERS POWER CO.

MY 18,15-5

BAY CITY USERS TO GET COMBINATION OF NATURAL & MANUFACTURED GAS STARTING JE 5

JE 3,19-2

BAY CITY TO START USING MIXED GAS JE 5

JE 15,16-4

WM F BROWN TO CONDUCT SURVEY FOR ROUTE FOR 157 MILE LINE

JL 11,22-4 C S

PONTIAC INVESTIGATES REQUEST FOR FRANCHISE

JL 15,1-4 PONTIAC

PONTIAC JOINS OTHER CITIES IN CONSIDERING PROPOSAL FOR USE OF FUEL FROM MICHIGAN FIELDS

JL 16,1-9-3 1\*

OIL & GAS WELL TESTS IN 1933 SET RECORD

JL 22,17-5

PONTIAC-EDMONSON & WM A LEWART TO STUDY QUESTION

# GAS - NATURAL - MICHIGAN

1933

Form 1656	The Detroit News	AG 14,4-6 1HOME
BAY CITY-CONSUMERS POWER CO CHANGING EQUIPMENT FOR USE OF PURE NATURAL GAS		O 19,4-7
BIG RAPIDS; WELL WITH INITIAL FLOW OF 7MILLION FEET A DAY FOUND.		O 20,24-7
WEIDMAN-GERMAN COOK BRINGS IN NEW WELL		N 9,26-1
20 MILLION CUBIC FOOT WELL BROUGHT IN BY TAGGART BROTHERS, IN AUSTIN TOWNSHIP, NR BIG RAPIDS		D 13,17-5
LEE S MILLER & JAS P McCLOSKEY ASK PWA FUNDS TO BUILD PIPE LINE FROM MICHIGAN FIELDS TO ALMA, ITHACA, BRECKENRIDGE & OTHER MICHIGAN CITIES		D 23,14-7
PWA PIPE LINE PROJECT AWAITS FEDERAL ACTION		
---1934---		JA 13,2-7
MUSKEGON GAS CO BUYS TEN YR SUPPLY FROM MECOSTA FIELD		JA 13,8-8
R A SMITH, STATE GEOLOGIST, DESCRIBES STATE'S GAS & OIL FUTURE		MR 15,15-3
APPLICATION FILED TO BUILD PIPE LINE TO DETROIT		MR 23, 6-1
COMSTOCK ASKS FOR GAS SURVEY		AP 3,6-5
US TO AID STATE IN NATURAL GAS SURVEY		AP 19,22-1
MAY VOTE ON NOVEMBER ON STATE RIGHT TO CONTRUCT & OPERATE NATURAL GAS PIPE LINES		AP 20,23-5
JAS B BALCH PROMISES STATE GAS SURVEY		

--1934--

AP 28, 21-3

WILDCAT WELL WITH DAILY FLOW OF 4,000,000 CUBIC FT. STRUCK IN  
SHERMAN TWP. ISABELLA, CO.

MY 9, 12-4

LAND USE DEAL CLOSED BETW-ISABELLA OIL DEVELOPMENT CO. & PURE OIL CO.

MY 11, 16-7

MT. PLEASANT-ISABELLA OIL DEVELOPMENT CO'S BARTLETT MCCLINTIC NO 3 FAILS;  
FREAK CONDITION OF SAND BLAMED

MY 11, 35-4-CS

MT. PLEASANT; BEST STRIKE IN YRS MADE AT COLUMBIA CO. WELL

MY 17, 4-4

LANSING-P U COMM TO HEAR APPEAL OF AMERICAN-MICHIGAN PIPELINE CO TO  
PIPE NATURAL GAS FROM MECOSTA FIELD TO MUS EGON

JE 6, 5-1

STATE TO INTERVENE IN PETITION OF SAGINAW RESIDENTS.

JE 15, 41-8

3 MILLION FOOT WELL EXPENDS ISABELLA POOL

JL 13, 3-1 1H ONE

US ENGINEERS TO DETERMINE CAPACITY OF MICHIGAN'S WELLS & RESERVES

AG 7, 13-4 1HOME

COMSTOCK & MICH PUC MEET WITH PRODUCERS AG 7 TO CONSIDER REGULATIONS

AG 8, 2-8 1HOME

MICH P U C PROMISES FAIR & SQUARE DEAL TO PRODUCERS

AG 23, 16-4

MT. PLEASANT-2 MILLION CU. FT WELL DRILLED IN MILLBROOK TWP, MECOSTA CO.

AG 28, 15-4

NEW STRIKE MADE NR MT. PLEASANT

S 12, 15-5

MT. PLEASANT-WILDCAT STRIKE OPENS NEW AREA

GAS - NATURAL - MICHIGAN

Form 1656

S 14,12-8

MT. LEASANT-WILDCAT STRIKE BY GORDON OIL CO POINTS TO NEW GAS FIELD  
IN STATE U 18.1-5 MAIL

MICH PUC TO HOLD HEARING O 25 ON RECOMMENDED RULES FOR REGULATION OF  
PRODUCTION O 25,2-6 MAIL

GAS B BALCH SAYS THERE'S 20 YEARS SUPPLY OF IN STATE; SAYS 6000 SQ MILE  
-ES ARE YET UNEXPLORED

N 10,4-2 CITY

MUSKEGON-MECOSTA GAS LINE COMPLETED

N 14,18-1

DR R J B NEWCOMBE, BEFORE CRANBROOK SCIENCE INSTITUTE, SEES MICH AS  
BIG OIL STATE N D 1,21-6

MICHIGAN WELLS SHOWING HIGH PRESSURE

D 4,29-3

DEEPENING OF TAGGART BROS GAS WELL NR BIG RAPIDS PREVENTED BY PRESSURE  
D 7,23-1

MUSKEGON-GAS SHORTAGE ENDS; 3000 GO BACK TO WORK IN FACTORIES

D 15,2-3

RA SMITH, STATE GEOLOGIST, SAYS MICH SUPPLY NOT SUFFICIENT TO WARRANT

D 16,4-18-2

PIPE LINE TO DETROIT

D 26,4-7

STATE INCREASING PUTPUT OF

MICH P U C HEARS PETITION OF INDUSTRIAL NATURAL GAS PIPELINE CO TO  
CONSTRUCT \$2 MILLION LINE TO DETROIT & OTHER CITIES

-----1935-----

SAGINAW STATE SUP CT HOLDS MICH PUC HAS NO JURISDICTION IN SAGINAW RATE CASE	JA 8,4-8
ROUAL OAK ASKS US SURVEY OF NATURAL GAS RESOURCES OF MICHIGAN & BEAR	JA 8,26-1 1H (P)
-BY STATES	JA 24,40-1
STATE MAKES GAS SURVEY TO PROLONG LIFE OF WELLS	F 14,10-4
REP. STEELE SUBMITS BILL TO PUT STATE IN OIL & NATURAL GAS BUSINESS	F 19,30-2
REP FRED KAPPLER INTRO BILL FR HOUSE COMM TO INQUIRE INTO MICHIGAN NATURAL GAS	F 22,2-8
FIELD IN MECOSTA EXTENDED BY NEW WELL	MR 26,15-8
MICH NATURAL GAS CORP GETS PERMIT FROM MICH P U C AS NATURAL GAS BUYER	AP 18,21-8 1HOME
5 MILLION FT WELL STRUCK IN WILD CAT TEST NR MT. PLEASANT	AP 26,27-7
BIG WELL STRUCK ON MONTCALM DISTRICT	MY 9,11-1
STATE APPROVES NATURAL GAS LINES; PETROLEUM TRANSPORTATION CO & CONSUMERS POWER CO AFFECTED BY AUTHORIZATION	MY 10,47-6
STRIKE MADE IN HINTON POOL NR LAKEVIEW, MICH	MY 30,4-3
2 DEAD, 7 HURT IN BLAST OF GAS WELL NR MT. PLEASANT; STILL BURNING	JE 30,4-13-5
BIG GAS BLOW REPORTED FOR MECOSTA CO. WELL	

NATURAL GAS HOUSE HEATING RATE OFF <sup>Form 1656</sup>  
 U S BUREAU OF MINES SAYS NOT ENOUGH GAS TO WARRANT CONSTRUCTION OF  
 PIPELINE TO DETROIT  
 2 STRIKES MADE IN MECOSTA FIELD  
 BETTER GOVERNMENT COMM OF MICH ASSAILS MICH PUBLIC UTILITIES COMM  
 FOR NEGLECT OF DUTY IN CONNEXION WITH DEVELOPMENT OF NATURAL GAS IN  
 STATE  
 FERNDALE ASKS FOR PWS GAS LOAN TO CONSTRUCT M.O. SYSTEM  
 FARMERS RESTRAINED IN ATTP. TO PREVENT TO STOP PIPE LAYING  
 OFFICIALS SEEK JOINT MUNICIPAL ACTION TO GET PIPE LINES  
 DRIVE OPENED FOR \$10 MILLION FEDERAL FUNDS FOR PIPELINE  
 NEW GAS STRIKE MADE AT BURLEY-BAILEY WELL, 6 LAKES  
 CONSUMERS POWER CO SEEKS PERMIT TO BUILD PIPE LINE TO LANSING  
 FEDERAL GOVT SYMPATHETIC TO FERNDALE GAS PLAN  
 NATURAL GAS HEARINGS SET FOR 0 9  
 MIDWEST OIL & GAS CORP. FILES PETITION TO LAY PIPES  
 9 TOPICS LISTED FOR DISCUSSION AT HEARINGS IN LANSING BEGINNING 0 9.  
 RUDOW  
 NATURAL GAS ISSUES AIRD AT LANSING; PIPELINE TO DETROIT IS ONE OF  
 QUESTIONS

JL 3, 3-3

JL 24, 4-1

AG 10, 19-2 1 HOME

AG 23, 13-4

AG 27, 26-4-1 H-P

AG 30, 10-5

S 6, 22-2

S 11, 11-3

S 20, 16-4

S 23, 10-3

S 24, 30-2 NITE(P)

S 26, 21-1

S 28, 4-4

O 6, 1-11-1

O 9, 13-6

O 9, 13-6

-----1935-----

LANSING AREA MAY GET GAS; HEARING 0 22-MCGOWAN

0 10,52-3

IHOS SARKISSON SOUNDS NATURAL GAS DEFI

0 13,1-5-3

WELL IN BELVIDERE TWP. SETS RECORD OUTPUT

0 17,11-4-NITE

SIX LAKES-3 NEW WELLS ADDED IN MONTCALM COUNTY

0 28,6-3 WSC

FIELD RECORD SET BY NEW WELL IN MILLBROOK-BELVIDERE FIELD

0 30,29-5 BL STR

RESERVES FOR SUPPLYING GD.RAPIDS ARE 3 TIMES GREATER THAN REPORTED

0 31,43-2-NITE

N 1,10-5

LANSING & GD.RAPIDS COMPETING FOR LINES FROM MONTCALM CO.--N 2,3-4

PUBLIC UTILITIES COMM'SN HEARS PLEAS OF 5 PIPELINE REQUESTS--N 4,15-1

MICH.EXPLORATION CO. HITS STATE'S LARGEST GAS STRIKE

N 5,16-7

GRAND RAPIDS-CITY SCANS ITS GAS REQUIREMENTS

N 6,24-8

DRILLERS HARNESS FLOW OF WELL OF MICH EXPLORATION CO--N 15,51-4-NITE

N 17,1-11-6

GORDON OIL CO.BRINGS NEW WELL NEAR SIX LAKES

MICHIGAN INDEPENDENTS GET HEARING BEFORE FED. TRADE COMM

N 20,3-1 CITY

N 27,9-2

HEARING DELAYED 2 WEEKS

SURVEY OF MICHIGAN'S RESOURCES TO BE MADE

N 29,44-4

NEW WELL IN MECOSTA HAS LARGE DAILY FLOW

N 30,7-2

WM M SMITH ASKS THAT US MAKE SURVEY OF NATURAL GAS RESOURCES IN STATE

D 3,32-1

US FAVORS SURVEY, DEMANDS STATE MEET CONDITIONS

D 3,4-3

LANSING & 25 COMMUNITIES TO GET NATURAL GAS

D 5,44-4

PUBLIC UTILITIES COMM'SN APPROVES PIPELINE TO LANSING & COMMUNITIES

Form 1656

D 20,37-6 B M

LAKEVIEW-WALTER MACKIE, No. 1. FLOWS AT ESTIMATED RATE OF 17,200,000  
CU. FT DAILY

---1936---

JA 1,26-8

2 GAS WELLS COME IN IN MECOSTA COUNTY

JA 1,24-1 CITY

MICHIGAN NOW RANKS FIRST IN GAS PRODUCING STATES EAST OF MISSISSIPPI

JA 6,5-1

50,000,000 CUBIC FOOT WELL BROUGHT IN IN AUSTIN TWP, MECOSTA CO.

JA 10,37-6

F.L. PETERSON No. 1 GASSER BROUGHT IN IN BELVIDERE TWP-  
MONROE TO TAP DET. LINES FROM TEXAS FIELDS

JA 15,11-5-NITE

JA 28,3-3

OWOSSO, CORUNNA, DURAND, OVID &amp; ST JOHNS ASK NATURAL GAS F 6,6-7

GD RAPIDS LIGHT &amp; GAS CO. HEARING CONTINUES

F 26,18-2

GRAND RAPIDS OFFERED UNDILUTED NATURAL GAS BY GRAND RAPIDS GAS LIGHT CO

MR 3,22-3-B LST

SUP. CT. RULES SAGINAW COUNTY CIRCUIT CT. HAS JURISDICTION IN PIPE LINE SUIT

MR 20,19-3

SUPERIOR DRILLING CO. BRINGS IN 3RD LARGE WELL

MR 21,4-1-NITE

RALPH E. DAVIS SUGGESTS GRAND RAPIDS GRANT PIPELINE PERMIT TO GRAND RAPIDS GAS LIGHT CO.

MR 30,2-6

WELL IN BELVIDERE TWP CAPPED TO AVOID EXPLOSION

AP 1,16-7

METHOD OF DRILLING THRU WATER TRIED, SUCCESSFUL

AP 9,2-3

INDEPENDENT GAS MEN PLAN MARCH ON LANSING, DECISION ON GD RAPIDS GAS

---1936---

LANSING TO GET GAS MAY 4

AP 11,2-3

TURNER OIL CO. & STEWART ATHA CO. BRING IN NEW WELLS NR TRI-TWHP.; 1ST WELL IN OGEMAW FIELD FLOWS AT 3,000,000 CUBIC FEET DAILY

AP 15,33-5

NATURAL GAS FROM MICH FIELD REACHED LANSING MY4

MY 4, 4-2

MT. PLEASANT-, 5 MILLION CUBIC FT GAS WELL DISCOVERED

MY 4, 28-7

ROWMOR OIL CORP. MAKES GAS STRIKE IN MONTCALM COUNTY

MY 5,21-3

MONROE-MAYOR KNAGGS NAMES COMMITTEE TO HELP OBTAIN NATURAL GAS FOR CITY

MY 13,4-4

WILDCAT STRIKE MADE NEAR LAKEVIEW

MY 14,12-3

MT PLEASANT-GORDON OIL CO COMPLETES 5TH BIG GAS WELL IN WEEK

MY 15, 4-8

FOUTS NO.1 GASSEF, ELVIDERE TWP. GIVEN RECORD RATING

MY 19,7-2

STRIKE MADE AT CHAS. BELLS BAILEY NO. 2 WELL IN MILLBROOK TWP., MECOSTA COUNTY

MY 22,9-1

FURTHER USE OF MICH. NATURAL GAS IS DOUBTFUL

MY 28,10-4

WELL IN BELVIERE TWP, MONTCALM CO., SETS NEW RECORD

MY 31,1-2-8-3\*

2 NEW WELLS BREAK STATE'S GAS RECORD

JE 10,24-2

24 MICH. CITIES NOW HAVE NATURAL GAS

JE 15,6-8

LAKEVIEW GAS WELL BREAKS STATE RECORD

JE 17,10-7

GRAND RAPIDS GAS LIGHT CO. DEFIES STATE ORDER, PROCEEDS TO BRING 100%

JL 16,12-6-BLST

NATURAL GAS SERVICE TO ITS CUSTOMERS

AG 4,7-1-NITE

WOLVERINE NATURAL GAS WELL FLOWS OUT OF CONTROL NR SIX LAKES

GAS: NATURAL: MICHIGAN

1936

Form 1656

PONTIAC ORDERS INQUIRY INTO POSSIBILITY OF CITY GETTING GAS  
STATE TAKES STEPS TO SUPPLY MORE GAS TO CLARE, MT. PLEASANT & ROSEBUSH  
TEST WELK HITS 3,000,000 FOOT DAILY FLOW NR MT. PLEASANT  
MT PLEASANT-112,000,000 FT. ONE COMES IN  
GAS WELL BLOWS IN & SWALLOWS DERRICK NR LAKEVIEW  
MT. PLEASANT-ENGINEERS TRY TO STOP WILD NATURAL GAS WELLS  
MICH GAS RESOURCES ESTIMATED AT 42,200,000,000 CUBIC FT.  
GRAND RAPIDS GAS LIGHT CO. SUIT BEFORE COURT, MAX. W. BALL CONTENDS MICH.  
FIELDS ARE NOT FULLY DEVELOPED  
STATE HUNTS FOR UNEXPLORED GAS FIELDS  
3,000,000 CU FT DAILY WELL FOUND IN SULLIVAN TWP  
PONTIAC-CITY COMM. VOTES TO CO-OPERATE WITH CITIES ALLIANCE IN EFFORT  
TO OBTAIN GAS FROM TEXAS FIELDS --1937--  
MICH. DIVISION OF CITIES ALLIANCE OPEN DRIVE FOR REDUCED RATES  
CITIES ALLIANCE EXPLAINS PLAN FOR NEW PIPELINE FR TEXAS & KANSAS FIELDS  
S TO MICH.

AG 12,11-1-NITE-P

AG 21,1-1-MAIL

AG 22,18-3

AG 26, 11-8 BS

S 14,1-4-MAIL

S 15, 4-8 NITE

S 23,38-4, B S

-N 11M28-7

N 16,10-4

N 27, '23-5

D 16, 4-7 NITE-P

F 7,1-2-1

F 28,1-11-1

---1937---

MR 9,13-3

CITIES ALLIANCE ACTS TO GET NATURAL GAS FOR PONTIAC  
GAS BLAST DANGER SLIGHT IN MICH.

MR 22,11-5

MR 23,16-8

WOLBERINE NATURAL GAS CORP MAKES NEW STRIKE

AP 2, 21-1 W S C

LAKEVIEW OWNERS OF PROPERTIES IN HINTON-MILLBROOK-BELVEDERE FIELD ADV-  
ISED PUB UTILITIES COMM HAS NO POWER TO PROHIBIT IMPORTATION

AP 10, 19-6

CREATION OF FACT-FINDING COMM. TO DETERMINE IF GAS IS SUFFICIENTLY AVAIL-  
ABLE VOTED AT INF RMAL CONF.

AP 18, 4-17-6

PROMOTERS TO EXPLORE NEW GAS RESERVOIR AT NORTHVILLE

MY 2, 5-23-5

LIEUT GOV NOWICKI APPTS COMM. TO DETERMINE EXTENT OF MICH NATURAL GAS  
RESERVES

MY 12, 31-4 BL STR

6 LAKES-NEW GAS FIELD FOUND FEW MILES SOUTH OF HINTON-MILLBROOK-BELVID-  
ERE FIELD

MY 13, 2-6

HEARING IN NATURAL GAS INVITED TO HEARING JE 9

MY 15, 4-6 NITE

WASHTENAW GAS CO. SEEKS NATURAL GAS FROM TEXAS-RUDOW

JE 1, 4-8

WASHTENAW GAS CO. PLANS TO GIVE ANN ARBOR TEXAS NATURAL GAS

JE 12, 22-4

HEARING ORDERED ON PROTEST AGAINST WASHTENAW GAS CO'S PLAN TO SUPPLY T

EXAS NAT GAS TO ITS CUSTOMERS: JE 25

JE 15, 3-3-BLST

HOUSE PASSES BILL PROVIDING FOR A SUPERVISOR OF NATURAL DRY GAS WELLS

JE 25, 7-1

LEGIS PASSES BILL PROVIDING FOR SUPERVISOR OF NATURAL DRY GAS WELLS

JL 22, 4-2-NITE

EDWARD J. LIEBER SAYS STATE'S SUPPLY IS ADEQUATE

JL 29, 14-8

GOV. MURPHY SIGNS BILL CALLING FOR BETTER REGULATION OF PRODUCTION

Form 1656

AG 5,13-2

400-MILE GAS PIPE PROPOSED TO GIVE 10 MICHIGAN CITIES HIGH. NATURAL GAS

S 13,13-2

SHORTAGE REPORTED AT MT. PLEASANT

S 16, 19-1

MT. PLEASANT FACED BY DWINDLING SUPPLY

O 6, 11-4

CHAS MILLER SAYS RESOURCES ARE AMPLI TO SUPPLY ENTIRE LOWER PENINSULA WITH FUEL

O 7, 29-1

THOMPSON LEASE, INC. CH RGES PROD OF NAT. GAS IN MICH HAS BEEN STIFLED

O 15, '33-7 NITE

STATE FILED NOTICE OF APPEAL TO MICH SUP CRT FR DECREE OF JUDGE CHAS.

H HAYDEN HOLDING I VALID A MICH PUB UTILITIES COM'N ORDER

N 3,15-1

MT. PLEASANT &amp; CLARE PLEAD FOR GAS, WANT HEAT

N 5, 20-1 C M

GAS CORP OF MICH TO TAP NEW GAS SOURCE TO SUPPLY MT. PLEASANT, MICH.

N 17,14-4

MT. PLEASANT &amp; CLARE AGAIN THREATENED WITH SHORTAGE OF GAS

N 30,17-2

GAS LINES COMPLETED FOR MT. PLEASANT &amp; CLARE

D 1,10-4

NEW GAS WELL FOUND NR MT. PLEASANT

---1938---

JA 11,20-6

PUBLIC UTILITIES COMM'N RETAINS AUTHORITY TO CONTROL PRODUCTION

---1938---

JA 25,29-2-WSC

CLERCY GAS CO.ASKS FOR PIPE LINE PERMIT AT MT.PLEASANT F 2,2-8 MAIL  
PAUL H ODD PROPOSES AN RFC FINANCED LOOP PIPELINE FOR MICH CITIES

F 6, 1-10-1

ROY F IDE ANSWERS QUESTION RELATIVE TO ABOVE-BARNES F 11, 7-1

NEW FIELD OPENED NEAR CLARE

F 13,1-18-2-2\*

ATTEMPT BEING MADE TO CAP WELL NR CLARE TO AID CLARE & MT.PLEASANT

F 20, 1-5-1

R.A.SMITH URGES MICH TO ADOPT CONSERVATIVE GAS POLICY F 22, 23-5  
BIRMINGHAM-SUPPORTS PLEAD FOR NATURAL GAS F 24, 39-6 NITE

PONTIAC SEEKS PERMISSION FOR EXTENSION OF NAT. GAS LINES

MR 1,27-1

PUBLIC UTILITIES COMM'SN TO CONSIDER CHANGES IN RULES FOR PRODUCTION,  
TRANSMISSION & DISTRIBUTION

MR 11,4-3

GRAND JURY CALLED TO ASCERTAIN WHY NATURAL GAS HAS NOT BEEN MADE AVAIL  
ABLE TO GENESEE COUNTY

MR 14,26-3

GAS INDUSTRY HEADS & PUBLIC UTILITIES COMM'SN DISCUSS GAS RULE CHANGES

MR 15,5-1

STATE STUDIES PROPOSAL TO REGULATE PRODUCTION

MR 16,5-1

MICH.PUBLIC UTILITY COMM'SN CONTINUES WITH PLANS TO EXTEND AUTHORITY  
OVER NATURAL GAS INDUSTRY

MR 16,30-3

WASHTENAW GAS CO.LOSES RIGHT TO PIPE GAS FR TEXAS TO ANN ARBOR

Form 1656

UR STANDARD BERQUIST DOUBTS STATE GAS RESERVE

MR 19, 20-3

WASHTENAW GAS CO. DENIED PERMISSION TO TAP TEXAS LINE SUPPLYING DET.-

MR 21, 8-4

BARNES

MR 23, 2-7 CITY

ANN ARBOR ASKS STATE TO SET NEW GAS RATE

MR 25, 20-8

GEO. B. GARNER DENIES FAVORING COMMITTEE TO DRAFT PROPOSED RULES TO REG-  
ULATE PRODUCTION, TRANSMISSION & DISTRIBUTION OF NATURAL GAS AS REPORT-  
ED IN NEWS MAR. 15

MR 26, 22-3

NATURAL GAS FACT FINDING COMM. SUSPENDED OPERATIONS LAST NOV.

MR 31, 35-6

NATURAL GAS HEARING TO BE RESUMED APR 20

AP 7, 39-4

BIG RAPIDS-THOMPSON LEASE INC. SUING FOR RELEASE FR CONTRACT TO SELL GAS  
AS TO HINTON-BELVIDERE NAT. GAS GATHERING CO.

AP 9, 22-6

SUPPLIES TO LAST ONLY 7 OR 8 YRS SAYS W.A. THOMAS

AP 11, 18-1

STATE'S NATURAL GAS PROBLEMS-EDIT

AP 12, 11-7-MSC

GAS WELL BROUGHT IN 2 BLOCKS FR CLARE PUBLIC SCHOOL

AP 19, 31-6 BS

UTIL COMM POSTPONES INDEFINITELY HEARING ON REGULATIONS REGARDING

SALE OF GAS

MY 12, 14-6-MSC

AMERICAN PIPE LINE CO. OBTAINS INJUNCTION AGAINST JAS. A. MCKAY TO BALK  
FURTHER WORK ON A NEW PIPE LINE NR CLARE

---1938---

MY 18, 6-4

CHAS. S. PORRITT URGES GREATER USE OF NATURAL GAS

MY 19, 10-3

29 GAS PRODUCING CORPS & 3 INDIVIDUALS SUE CONSUMERS POWER CO, OTHERS  
FOR \$10,248,103

JE 6, 25-6

HEARING ON NATURAL GAS REGULATIONS TO BE HELD JUNE 9 - JE 8, 2-1 CITY  
SPARTA - FRANK STAUFFER DRILLS FOR WATER: GETS NAT. GAS - JE 9, 38-6

HEARINGS CALLED AT LANSING FOR REGULATIONS ON WELL OPERATIONS

JE 16, 21-2

HOWARD CITY - STRIKE ABOVE NR HOWARD CITY

JE 17, 33-3

GAS SHORTAGE AT MT. PLEASANT, AVERTED

MY 25, 19-2 - CITY

AGREEMENT REACHED ON CLARE COUNTY PIPE LINE RIGHTS - JE 19, 5-20-3-1\*

WATER WELL TURNS TO GAS WELL ON HENRY KRAFT'S FARM NR SPARTA

JE 30, 4-7

WORKERS DRILLING FOR WATER AT LAHSER & 9-MILE RD. STRIKE GAS WELL

JL 1, 26-5 B S

MT. PLEASANT - WELL IN LINCOLN TWP GAUGED AT 21,000,000 CU FT. DAILY

AG 18, 4-7

NAT. GAS APPROVED FOR EVART & BARRYTON

S 19, 2-7 - MAIL

PUBLIC UTILITIES COMM'SN OUTLINES PLANS FOR LIMITATION OF WITHDRAWAL  
OF GAS FR MICH. FIELDS

S 22, 28-2 - NITE

OBJECTIONS TO GAS CODE TO BE HEARD S 28

O 11, 29-5 - NITE

PRODUCERS NATURAL GAS PIPE LINE CORP. SEEKS AUTHORITY TO SUPPLY 17

N 7, 3-1

MICH. CITIES, STATE OPENS HEARING ON PETITION

CLYDE FISKE, DEARBORN TWP. HITS GAS POCKET

JA 12, 4-1

---1939---

REP HERRICK INTRO BILL TO FORBID PRORATION OF GAS FIELDS IN FIELD

Form 1656

AP 29, 7-2

MT PLEASANT-55 MILE-PIPELINE PLANNED FROM ARENAC GAS FIELD TO MIDLAND

JE 3, 19-2

VALUE OF MICH. OIL & NAT GAS PROD IN APRIL WAS \$1,708,515-N 9, 23-1  
W.MICH. CONSUMERS CO. AUTHORIZED TO PIPE CASINGH AD GAS FROM KENT CO.  
OIL FIELDS

--1940--

JA 31, 6-2

CONSTRUCTION OF PIPE LINE FR TEMPLE OIL FIELD IN CLARE COUNTY TO THE  
DOW CHEMICAL CO. AT MIDLAND, STARTED

MR 27, 8-3

CONSUMERS POWER CO. DENIES ANY CONTRACT WITH ANY PIPE LINE FIRMS SUPPL  
YING NATURAL GAS TO MICH. CITIES

AP 23, 2-6-MAIL

A.F. DIXON URGES GAS STORAGE WELLS IN MICH.

AP 25, 1-2-CM

MONTCALM COUNTY GETS A GAS WELL FOR PAYING FUNERAL EXPENSES OF MR. &  
MRS. GEO. KELSEY OF EDMORE

S 24, 2-4

LANSING-ADDITIONAL LINES TO MT. PLEASANT &amp; CLARE GRANTED.-N 26, 34-3

HUGE QUANTITIES NAT. GAS IN SALINA FORMATION INDICATED -D 13, 23-3

EXTENSION OF CONSUMERS' POWER CO. TO SERVE ONLY SAGINAW, BAY CITY & MID  
LAND

D 24, 16-8

STATE'S PRODUCTION OF 14,000,000 CUBIC FT. THIS YR. SETS RECORD

---1941---

F 4, 2-5

MICH. CONSOLIDATED GAS CO. BUYS ENTIRE AUSTIN GAS FIELD-F 4, 25-1

SEC APPROVES PURCHASE OF AUSTIN GAS FIELD

MY 28, 36-7

CONSUMERS POWER ASKS PERMISSION TO EXTEND NATURAL GAS TO 66 CITIES

---1941---

JL 2, 2-8

66 MICH CITIES TO GET ABV ON APPROVAL PUB SERV COMM S 14, 1-14-8

MT. PLEASANT-GEOLOGISTS APPLY SCIENCE TO RECAPTURE GAS FLOW

D 23, 28-6

ALBION-GAS STRUCK IN TESTING OIL WELL.

---1942---

F 3, 2-6

CONSUMERS POWER CO. WINS FIGHT TO BRING TEX. NATURAL GAS TO 66 MICH. CITIES

F 7, 20-4

F 26, 10-4

MICH. OUTPUT OF NATURAL GAS AT PEAK

BATTLE CREEK & ADRIAN WANT NATURAL GAS FROM TEXAS AP 9, 44-8

PUBLIC SERVICE COMM. AUTHORIZES LINES OF PANHANDLE EASTERN PIPE LINE

CO. TO BE EXTENDED TO SERVE ADRIAN AND BATTLE CREEK MY 14, 23-2

1ST LEG OF 275-MILE PIPELINE UNDER CONSTRUCTION BY PANHANDLE EASTERN

TO BE PUT IN SERVICE BY MAY 25

OWASSO-GAS BEGINS FLOWING THRU MAINS JE 16

YPSI- STEPS TAKEN TO SUPPLY CITY WITH NATURAL GAS

GAS TO BE AVAILABLE IN FARMINGTON, PLYMOUTH & NORTHVILLE AREAS IN 10

TO 15 DAYS, PONTIAC WITHIN 4 WKS.

R.A. SMITH CHARGES WASTE OF CASING-HEAD GAS IN MICH. OIL FIELDS

AG 31, 25-2 NITE

PONTIAC-CONSUMERS GETTING MIXTURE OF NATURAL & ARTIFICIAL GAS

S 3, 10-1

JACKSON-TO BE SUPPLIED WITH NATURAL GAS BY DEC. 1

O 12, 23-1

2ND LARGE WELL BROUGHT IN SOUTH OF ALBION ON FRED RADEE FARM

Form 1656

D 2, 28-5

D 7, D 9, 23-5

D 17, 20-4

JACKSON-NATURAL GAS TO REPLACE MFRG. GAS IN SUBURBS  
 SUPPLY PLENTIFUL UNLESS DISTRIBUTION CHANGES  
 JACKSON-CHANGE TO NATURAL GAS HALF COMPLETED.

---1943---

JA 23, 21-2

APR. 1

F 17, 29-3

F 25, 35-7

AP 9, 19-7

AP 18, 4-9-8

134 CITIES & VILLAGES TO BE CHANGED OVER TO NATURAL GAS

WPB ORDERS DET. NATURAL GAS SUPPLY CUT

SUPREME CT. AFFIRMS \$150,000 SAGINAW REFUND

DOW CHEMICAL CO. BUYS EVARD NATURAL GAS FIELD IN OSCEOLA COUNTY

BLANKET EXCEPTION ASKED TO DRILLING RULES FOR STATE

AP 23, 16-6

STATE DENIED EXCEPTION TO REGULATION FORBIDDING DRILLING OF WELLS ON  
 AREAS LESS THAN 640 ACRES

MY 28, 34-8

STATE TO TRAP ESCAPING GAS

JE 7, 22-5

WELL IN GOODWELL TWP. BELIEVED TAPPING NEW RESERVE

F 27, 1-16-7

ITHACA- WELLS FAIL TO PRODUCE --1944--

MY 29, 14-8

ITHACA- NEW 10,000,000 CUBIC FOOT GASSER FOUND

S 21, 16-1

DOES NOT AFFECT PLANT LIFE --1945--

MR 24, 2-5

LEGAL BARRIER RAISED IN STORING GAS IN REED CITY FIELD

E 22, 20-4

GAS PIPELINE CAPACITY INADEQUATE TO SUPPLY MORE CUSTOMERS

E 23, 13-3

PANHANDLE EASTERN PIPELINE CO RATE SCHEDULE CAL ED UNSATISFACTORY-RUDON

---1945---

JE 25, 17-8

USE OF IN MICH INCREASED 28 TIMES OVER AMT CONSUMED 10 YRS AGO

JL 27, 8-6

PURCHASE OF WINTERFIELD & SUMMERFIELD GAS FIELDS IN CLARE CO MADE BY CONSUMERS POWER CO

AG 3, 7-2

DOW CHEMICAL CO CONTRACTED TO PURCHASE FROM 3 MILLION TO 5 MILLION GALLONS OF BIC FT FROM SOHIO PETROLEUM CO

AG 11, 2-5

ALBION GAS LIGHT CO SLASHES RATES 20%

S 12, 4-7

MICH ASKS PANHANDLE EAST PIPELINE CO TO AUGMENT SUPPLY

S 19, 9-5

HEARING TO INCREASE SUPPLY POSTPONED TO OCT 4 BY PSC

S 27, 4-3

STATE PUBLIC SER COMSN POSTPONES CONF TO SEEK ADEQUATE SUPPLY FOR STATE

O 12, 12-3

MICH.-WIS PIPELINE CO. ASKS FOR LINE FR TEXAS TO MICH.

O 13, 1-7

PANHANDLE EAST PIPELINE CO SEEKS LINE TO CANADA: DET INTERVENES

O 24, 13-2

MICH.-WIS PIPELINE CO GIVEN RIGHT TO DO BUSINESS IN MICH.

O 28, 1-16-32

CONF MICH PUB SERV COMMSN TO DISCUSS 4 BIG ISSUES

NOV 1-

---1946---

JA 3, 6-3

HEARING IN D.C. SET FOR NEXT WEEK ON NEW LINE INTO MICH. BY MICH.-WIS.

JA 4, 4-2

PIPE LINE CO.-RUDOW

MICH PUB SERV COMMSN ASK MUNICIPAL OFFICIALS TO TAKE PART IN CHI.

JA 8, 3-3

HEARING ON USE OF TEXAS NATURAL GAS

JA 9, 30-8

INGHAM CIR CRT ORDERS MICH PUB SERV COMMSN TO REFRAIN FR INTERFERING WITH PLANS FOR SALE GAS TO FORD MOTOR CO

BATTLED OVER NEW PIPELINES BEFORE FED POWER COMMSN

HEARING ON PROPOSAL PANHANDLE EAST PIPELINE CO TO SELL TEX NAT GAS  
 DIRECT TO FORD'S TO CONTINUE JA 16, 3-1  
 PANHANDLE EASTERN CO. LOSES PLEA TO PREVENT MICH. PUB. SERVICE COMM. FROM  
 INTERFERING WITH SALE OF GAS TO FORD MOTOR CO. JA 16, 13-2 BS 2  
 STATE INDUS & POLITICAL LEADERS TO FIGHT REDUCTION GAS SUPPLY-M. HAYDEN  
 BENTON HARBOR-GAS SHORTAGE CUTS HEAT HERE & IN ST JOSEPH- F 2, 14-5  
 LANSING-WM J MCBREARTY ASKS AID SEN FERGUSON ON GAS PLEA- F 8, 31-5  
 RECORD OF 23,298,548,000 CU FT IN 1945 F 13, 4-2  
 WM J MCBREARTY ASKS MICH LABOR LEADERS TO BACK GAS PLEA- F 19, 15-4  
 STATE PUB SERV COMMSN FORBIDS OPERATORS GAS PIPELINES TO SELL DIRECTLY  
 TO PRIVATE MFRS IN MICH F 21, 18-3  
 ORDER BEING DRAWN FORBIDDING PIPE LINE COMPANIES TO SELL GAS DIRECTLY  
 TO INDUSTRIES F 23, 3-8  
 30 STATE OFFICIALS BACK MICH PLEA FOR MORE NATURAL GAS- F 25, 4-5 BS 2  
 SEN FERGUSON TELLS FED POWER COMMSN MICH NEED FOR FULL GAS SUPPLY  
 FRANK X MARTEL ASKS FED POWER CMSN TO ASSURE DET OF A SUPPLY F 27, 30-5 BS 2  
 FED POWER CMSN WEIGHS PLEA FOR INCREASED SUPPLIES MR 2, 12-6  
 ADRIAN-DRILLERS SEEKING WATER ON FARM IN SCHADEWALD, FIND GAS F 28, 18-3

---1946---

MR 19, 8-1

CONSUMERS POWER CO TO BUY TEX GAS FOR STORAGE IN MICH. - MR 24, 1-3-2  
REED CITY, IN GAS BELT, BUT DOESN'T HAVE CUBIC FOOT TO BURN-

AP 9, 26-7 BS 2

NAT GAS PROD IN MICH FIELDS DOUBLED DURING 1945

AP 21, 4-18-1

GAS BILLS AT STAKE AS UTILITY KINGS CLASH BEFORE FED POWER COMMSN-  
BOWER

AP 22, 23-4

MT PLEASANT-WELL MORE THAN 5,000 FT DEEP IN CLARE CO FOUND-MY 7, 20-8

FPC SETS MAY 27 AS DATE FOR HEARING ON 2 APPLICATIONS FOR GAS PROJECT

MY 11, 2-7 FINAL

CONSUMERS POWER CO. WILL ACCEPT NO NEW CUSTOMERS AFTER MY 10

MY 15, 11-1

CONSUMERS POWER CO. & PANHANDLE EASTERN PIPELINE CO. CLOSE GAS STORAGE  
DEAL

JE 4, 6-1

CONSUMERS POWER CO'S FORMATION OF MICH GAS STORAGE CO IS APPROVED

AG 9, 23-3

CONSUMERS POWER CO TELLS PLANS TO GET MORE GAS FOR CONSUMERS-AG 9, 30-8

GD RAPIDS-GOV KERR, OKLA. SAYS 1946 TO BRING LARGEST PROD NAT GAS IN HIS  
TORY

AG 23, 9-1

MICH GAS CONSUMPTION GROWING FASTER THAN OUTPUT-LEVIN -S 9, 3-3

NEW SOURCE GAS BEING DEVELOPED IN CLARE & OSCEOLA COS.-

S 22, 1-12-7

MICH PUB SERVICE COMM TO REFUND \$10 MILLIONS TO USERS-LEVIN

O 3, 20-4

MILAN-GAS WELL OF ARLEIGH SQUIRES FIZZLES OUT AFTER 4 HOURS

DECISION NEAR IN GAS BATTLE: EXPECT ANSWER BY DEC. 1-0 8, 11-4  
 INGHAM CIR CRT OK'S DIRECT SALE TO FORD'S: MICH PLANS APPEAL-0 11, 24-3  
 WELL AT HOWELL CAPPED TO WAIT TEST 0 22, 3-1  
 MT PLEASANT-GAS DRILLING BOOM SEEN FOR HOWELL 0 29, 28-8 NITE  
 FED. POWER COMMSN. COMPLETES HEARING ON GAS SUPPLIER -N 14, 54-1  
 ADRIAN-SUPPLY TO BOHN ALUMINUM & BRASS CORP. CUT IN HALF-D 14, 38-7  
 DET., OTH\_R CITIES ALLOTTED GAS FR BIG, LITTLE INCH PIPELINES D 23, 1-6  
 --1947-- F 5, 34-6 NITE  
 CONSTRUCTION 2ND LINE FR TEX. DEFENDED BY WM. J. MCBREARTY-F 6, 49-1BS 2  
 NATURAL GAS OUTPUT IN MICH SETS RECORD: FIGURES F 7, 2-4  
 PANHANDLE E. PIPELINE CO DEFENDS GAS RESERVE F 12, 16-4  
 SEN LITTLE PROPOSES LEGIS TO CLARIFY REGULATIONS FOR TRANSMISSION AND  
 SALE NAT GAS IN MICH. MR 25, 11-7  
 LEGIS TO GIVE PUB UTILITIES WIDE CONDEMNATION POWERS ATTACKED IN SEN.  
 AS MONOPOLISTIC MR 26, 24-2  
 PT HURON TO GET NATURAL GAS BY FALL OF 1949 SAYS H R STEVENSON  
 AP 24, 54-4  
 SENATE TO ACT ON BILL TO OK DIRECT SALES TO INDUSTRY-LEVIN. AP 25, 37-5  
 GAS STORAGE BILL PASSES SEN WITH DIRECT INDUSTRIAL SALE BANNED  
 GD RAPIDS-12 WEST MICH INDUSTRIES TO BE CUT OFF GAS SUPPLY DEC 31 MY 31, 10-4

--1947--

KE 24, 7-2

MICH PUB SERV COMMSN ASKS FCC TO MAKE CERTAIN PANHANDLE E. PIPELINE CO LIVES UP TO CONTRACT WITH MICH GAS STORAGE CO.-LEVIN

JL 2, 25-6

JL 8, 20-4

MICH SEEKSMORE NATURAL GAS

SIGLER SIGNS BILL TO PERMIT UTILITIES TO CONDEMN LAND FOR NAT. GAS STORAGE

JL 10, 48-4

MICH. CONSOL. GAS. CO. ASKS FPC PERMISSION TO CONSTRUCT LINE FR AUSTIN FIELD IN GRAD RAPIDS AREA

JL 30, 7-3

PANHANDLE EASTERN ASKS AUTHORITY TO TAP FIELDS NR HOWELL

JL 31, 39-4

SEE HOWELL FIELD AS SOLUTION FOR OUTSTATE NEEDS

AG 7, 18-7

SUN OIL CO. PLANS TO CONSERVE STATE SUPPLY

AG 14, 36-4

PANHANDLE EASTERN PIPELINE GIVEN O.K. ON USE HOWELL GAS

AG 14, 36-2

MUSKEGON-SUN CO TO PIPE GAS INTO AREA

AG 20, 7-4

MUSKEGON-MONTINENTAL MOTORS, CAMPBELL, WYANT & CANNON TO GET NATURAL GAS FR SUN OIL CO.

S 16, 28-8

MARSHALL TUCKER HITS GAS 85-FT BELOW SURFACE IN ROMULUS TWSP

O 21, 24-4 BS 2

PANHANDLE E. PIPE LINE CO INNOCENT OF CONTEMPT OF FED CRT ORDER

D 1, 4-1

CLARE-EXP. TO NAT GAS COMPRESSOR STATION AT MARION, N 30 KILLS

D 2, 29-3

FULL PROD FIELDS NEAR HOWELL ORDERED AS GAS COMPRESSOR AT MARION EXPLOR

D 9, 26-2

DED-ALGONAC-WELL PRODUCES NAT GAS INSTEAD OF WATER

HOWELL AREA PRODUCING 8,000,000 CUBIC FEET A DAY  
FED POWER COMMSN TO JOIN HUNT FOR GAS-LEVIN-  
EXPECT SOME INCREASE BUT NOT FOR NEW USERS BY NEXT WINTER-LEVIN-  
DET & WEST MICH INDUSTRIES MAY VIE FOR GAS IN STORAGE-LEVIN-JA 28, 2-8  
NAT GAS SERVICE ENDED TO GD RAPIDS-MUSKEGON AREA JAN 31- JA 31, 1-1  
GAS SERVICE TO DOWAGIAC, BUCHANAN CUTS AS PIPELINE BREAKS -F 1, 1-2-3  
OUTSTATE AREA SUES FOR PART OF DET. GAS  
GAS OUTPUT IN MICH. UP 1% IN 1947 OVER 1946  
MICH GAS OUTPUT UP AS OIL DECLINES-FIGURES  
SHERIDAN 500 RESIDENTS SHIVER AS GAS SUPPLY FAILS-  
WEST MICH TO FIGHT FOR GAS-  
ECONOMIC DEVELOPMENT COMMSN. PESSIMISTIC OVER GAS OUTLOOK-MR 2, 8-6  
4 WEST MICH CITIES SEEK DET GAS  
CITIES EXCLUDED FROM GAS PARLEY  
STUARD B WHITE WARNS MICH FACES NEW GAS CRISIS NEXT YEAR-MR 20, 19-5  
STUARD B WHITE SAYS MICH TO DRAFT PLAN TO AVERT CRISIS-MR 21, 4-13-6  
WALTER REUTHER ASKS GAS QUIZ  
GAS PINCH THREATENS INDUSTRIES-LEVIN  
SIGLER PUTS GAS APPEAL TO TRUMAN-LEVIN  
MICH. MUST HAVE MORE GAS-EDIT  
MICH DRAFTS PLEAS FOR MORE GAS-LEVIN-

JA 8, 38-6

JA 13, 3-2

JA 19, 3-2

JA 21, 8-3

JA 28, 2-8

JA 31, 1-1

F 1, 1-2-3

F 5, 2-5

F 5, 1-7 NITE

F 11, 9-2

F 20, 4-1 NITE

F 25, 5-1 NITE

MR 2, 8-6

MR 17, 14-2

MR 19, 43-7 NITE

MR 20, 19-5

MR 21, 4-13-6

MR 26, 1-4

MR 27, 1-3

MR 28, 1-20-1

MR 30, 2-5

---1948---

34 MICH. CITIES TO PLEAD TO FPC FOR MORE NATURAL GAS - A 4, 1-14-3  
UAW-CIO ASKS PERMISSION TO INTERVENE IN FPC HEARINGS - A 4, 1-14-3  
MICH OFFICIALS DETERMINED TO PRESS GAS DEMANDS - LEVIN - A 6, 6-4  
GOV SIGLER WARNS OF GAS CRISIS: ASKS U FOR INCREASED SUPPLY  
CONSUMERS POWER CO ASKS PERMISSION TO END NAT GAS SERVICE TO STATE COMMUNITIES - A 9, 1-5  
FPC GIVEN EASY PLAN TO AVERT LACK OF GAS - MOODY A 10, 1-6  
FPC ORDERS PANHANDLE EAST TO PRODUCE FULL STORY - MOODY A 11, 1-12-1  
SOLUTION TO GAS PROBLEM - EDIT - A 11, 1-11-5  
WALTER REUTHER ASKS PUBLIC TO RAISE GAS CLAMOR A 11, 1-11-5  
INDIAN JOINS IN FIGHT FOR GAS 2222 A 13, 4-5  
PANHANDLE EASTERN ACCUSED REFUSING TO CO-OPERATE IN INQUIRY - MOODY A 14, 22-4  
BIG INCH DIVERSION WOULD RAISE RATES - MOODY A 15, 26-1  
3-WAY ROW BREAKS OUT OVER FACTORY GAS - MOODY A 16, 41-2  
TRUMAN PROMISES HE WILL STUDY MICH-NAT. GAS SHOTAGE - A 17, 3-6  
MICH TO LAY CASE FOR MORE GAS BEFORE FPC NEXT WEEK - MOODY A 20, 1-1  
CONSUMERS POWER CO AGAIN REFUSES TO GO ALONG WITH MICH. - M. H. AYDEN A 21, 19-4  
FPC HINTS AT DET GAS CUT - M. H. AYDEN A 22, 11-4  
PANHANDLE FIRM ASKS MICH. MFRS. HELP GET STEEL TO INCREASE GAS PIPE - A 23, 1-2  
LINE - M. H. AYDEN  
PLAN TO STORE WINTER'S GAS TO COST DET 20 MILLION FEET DAILY - A 24, 18-6  
PLAN TO STOCKPILE GAS FOR OUTSTATE MICHUSERS REMAINS QUESTION MARK

GMC, FORD & GREAT LAKES STEEL AGREE ON GAS SAVING PLAN - MY 1, 1-3  
 INDUS. WINS WINNER'S GAS: 25 MILLION MORE FEET TO BE STORED - MOODY  
 MY 3, 1-4 BS 2  
 SPECTER OF GAS SHORTAGE RISES AGAIN  
 MY 4, 33-6  
 PANHANDLE EAST PIPELINE CO DOUBTS TESTIMONY OF MICH GAS SHORTAGE - M.  
 HAYDEN  
 MY 5, 32-8  
 C C CARLTON LINKS PROSPERITY TO GAS SUPPLY - M. HAYDEN  
 MY 6, 23-1  
 US COURT HITS PANHANDLE & MICH. CONSOL. GAS. FOR FORGETTING PUBLIC INT-  
 EREST - M. HAYDEN  
 MY 7, 48-4  
 DET. INDUS GAS PLAN WILLIS HALL PRAISED BY DON MONTGOMERY - M. HAYDEN  
 MY 12, 37-1A  
 US CALLS PARLEY ON GAS DIVISION -  
 MY 12, 9-4 NITE  
 MR. PLEASANT - MICH SONS TO CUT COMMERCIAL & INDUSTRIAL USE - JE 15  
 MY 13, 12-3  
 MICH CONS TO START UNDERGROUND STORAGE AT AUSTIN FIELDS - MY 15  
 MY 15, 14-8  
 STORAGE NAT GAS IN AUSTIN FIELD INVEST MICH BEGUN - JE 9, 1-4  
 STATE RESISTS GAS CUT PLAN FPC ATTORNEYS  
 JE 23, 16-3  
 GAS FIRMS NEAR ACCORD TO END MICH SHORTAGE - LEVIN  
 JE 28, 1-7  
 ACCORD REACHED BY MICH. CONSOLIDATED & CONSUMERS POWER TO GIVE CONSUMER  
 S EXTRA GAS  
 JE 30, 16-4  
 M W ARTHUR LAYS GAS SCARCITY TO PRICE - LEVIN

---1948---

CHANGES IN DELIVERY NAT GAS ASSURES DET., MICH FUTURE AG 5, 2-2  
 US O.K.'S STORING GAS IN FEDERAL LANDS IN MICH AG 25, 31-2  
 PENTWATER MOVEMENT ON TO HAVE NATURAL GAS PIPED IN -S 19, 1-6-5  
 MORE GAS PUT ON TAP IN MICH: IND., ILL. SUPPLY CURTAILED -S 21, 35-5  
 TRUNKLINE GAS SUPPLY CO ASKS AUTHORITY TO BUILD PIPELINE FR  
 LA. TO IA. -S 29, 25-2  
 MPSC REPORTS LITTLE HOPE FOR MORE GAS FOR HOME USE BEFORE 1950  
 O 9, 11-1

MICH APPROVAL \$66 MILLION ISSUE DEBENTURES TO FINANCE GAS LINE EXPECTED SOON N 14, 1-18-2

GAS PIPE LINE REPORT BARED-PATTON N 25, 17-1

PT. HURON, MARYSVILLE & ST. CLAIR ASKING FPC FOR NATURAL GAS. -D 12, 1-19-3

NATURAL GAS SITUATION IS BETTER SAYS CLIFTON G DYER-LEVIN

---1949---

LANSING ECONOMIC DEVELOPMENT COMMSN COMM REPORTS SPRING TO END CURB ON GAS-LEVIN- JA 8, 17-5  
 MR 2, 14-3

FPC TO HAVE HEARING MR 14 ON EXPANSION MICH-WIS PIPELINE CO. -JL 30, 12-2

PT HURON NATURAL GAS SOUGHT IN PORT HURON PACT AG 25, 26-3  
 TECUMSEH WELL DIGGERS ON RAY GUY'S FARM HIT OIL -S 16, 41-3

FED. SUIT MICH CUSTOMERS WILL GET GAS REBATES N 29, 4-1

US CIR. CT. OF APPEALS UPHOLDS PANHANDLE EASTERN CONTENTION THAT FED. CT HAS NO RIGHT TO SET MOUNT OF GAS DELIVERED TO ANN ARBOR

- MICH.GAS & ELECTRIC CO. SEEKS GAS LINES FOR NILES, DOWAGIAC, BUCHANAN,  
HOLLAND & ZEELAND D 6, 24-3  
D 15, 4-2  
BREAK IN LINE LEFT OVER 2,000 FAMILIES WITHOUT HEAT IN ACOMB CO TODAY  
---1950--- JA 21, 1-6  
WITH FEW EXCEPTIONS, RESTRICTIONS ON USE NAT. GAS IN MICH OFF TODAY  
F 16, 32-6  
3 MICH. CITIES TO GET US HEARING F 26 ON APPLICATION FOR NATURAL GAS  
SUPPLIES MR 12, 1-15-1  
US-STATE CLASH IMPENDS OVER FPC APPROVAL OF SALE GAS BY PANHANDLE CO.  
DIRECT TO NEW INDUSTRIAL USER IN ALBION MR 22, 3-1  
CONSUMERS POWER CO. OFFERS TO BUY DET. EDISON GAS MFG. SYSTEM IN PT. HURON  
MR 23, 7-5  
BIRMINGHAM-CONSUMERS POWER CO. TO REPLACE 8½ MILES OF MAINS  
AP 15, 3-7  
SUP. CT. FOR RULE ON EXTENT OF FSC AUTHORITY OVER SALE NATURAL GAS IMPORT-  
ED INTO MICH. AP 25, 17-1  
9 CITIES SUPPORT MICH.-WIS. PIPELINE CORP. IN FIGHT TO DOUBLE CAPACITY  
OF LINE FROM SOUTHWEST JE 9, 51-6  
PUB SERV COMMSN GRANTS AUTHORITY FOR NATL UTILITIES CO. TO SUPPLY 200  
CUSTOMERS AT MONROE WITH NAT. GAS JL 15, 1-7  
MICH. WIS PIPELINE CO GIVEN O.K. TO DOUBLE FLOW TO MICH. - JL 18, 10-2  
CONSUMERS POWER CO. SEEKS BAN ON OUTSTATE CONVERSIONS TO GAS FURNACES  
JL 22, 20-3  
GAS HEATING BAN OK'D; 258 OUTSTATE AREAS AFFECTED BY ORDER

---1950---

AG 16, 16-4

PANHANDLE EAST PIPE LINE CO PROMISES GAS FOR PT HURON-AG 30, 38-2

PT HURON AREA AWAITS FPC RULING ON ALLOCATING GAS TO SOUTHEASTERN MICH. GAS CO. S 6, 25-4

MPSC REQUESTS FED. APPROVAL PLAN TO SUPPLY PT. HURON AREA -S 28, 27-1

FPC REJECTS PETITION OF SOUTHEASTERN MICH. GAS CO. TO BUY GAS FROM PANHANDLE CO. N 25, 20-2

WEST MICH STORAGE FIELDS FOR NAT. GAS PAYING OFF IN CURRENT COLD WAVE D 2, 17-6

PT HURON GAS ASSURED; TO HAVE IT BY FEB 1 D 9, 17-1 MAIL

PT HURON WAITS NATURAL GAS LINE

---1951---

MR 19, 14-1

PT. HURON INAUGURATE DISTRIBUTION NATURAL GAS MR 19 BY SOUTHEASTERN MICH. GAS CO. JL 14, 10-6

MICH PUB SERV COMMSN LOOKS DUBIOUSLY AT PETROLEUM ADM FOR DEFENSE PROPOSAL TO LIMIT USE OF NAT. GAS AG 13, 6-1

JOHN H. MCCARTHY DENIES MICH. SURRENDERING TO FED. GOVT. CONTROLS ON USE OF NATURAL GAS AG 16, 29-4

MICH. CONSOL. GAS CO. SAYS US ORDER LIMITING GAS TO HAVE LITTLE EFFECT ON ITS CUSTOMERS AG 21, 1-4

CONSUMERS POWER CO ASKS PERMISSION TO EXTEND NAT. GAS SERVICE TO 10,000 MORE MICH. CUSTOMERS AG 22, 16-3

CONSUMERS POWER CO SEEKS TO GET PERMISSION TO SERVICE 10,000 MORE MICH HOMES WITH GAS AG 24, 8-3

FED. BAN ON ADDING NAT. GAS HOUSE HEATING CUSTOMERS IN EFFECT ON MICH

- GAS HEAT HEARINGS SET FOR EARLY SEPT.: STATE TO DETERMINE EXTENT OF SUPPLIES **Ag 29, 20-2**  
 MICH PUB SERV COMMSN ASKS PETROLEUM ADM FOR 5 EXEMPTIONS ON GAS **S 15, 18-3**  
 MICH-HIS. PIPE LINE CO EXTENDS GAS BAN TO OTHER COS. **S 26, 25-4**  
 JAMES H LEE SAYS INCREASE IN WHOLESALE RATES NOT TO HAVE IMMEDIATE EFFECT ON HOUSEHOLDER-PATTON **O 2, 23-6**  
 PUB SERV COMMSN OK'S G.S HEATING UNITS IN 4 AREAS **O 14, 1-30-3**  
 FPC APPROVES EXPANSION FOR MICH. GAS STORAGE CO. **O 27, 10-6**  
 GOV. WILLIAMS URGES FPC REJECT PETITION TO PERMIT CUT OF GAS SUPPLIED MICH. CONSOL. GAS CO. **O 29, 13-3**  
 MANDATORY INSPECTION OF GAS LINES CONSIDERED BY LEGIS. AS RESULT '49 BLAST IN BIRMINGHAM **N 8, 18-4**  
 MICH CONSOLIDATED GAS PLANS MORE GAS STORAGE WELLS IN WEST CENTRAL MICH **N 15, 31-3**  
 ODOR OF GAS ROUTS 10 SUBURBAN DET FAMILIES **D 8, 2-7**  
 ---1952--- **MR 12, 3-5**  
 CONSUMER POWER CO GETS O.K. TO ADD 15,000 NEW SPACE HEATING CUSTOMERS **AP 16, 18-5**  
 JAXON- CONSUMERS POWER CO. GETS PERMISSION TO INCREASE HOUSE-HEATING CUSTOMERS

1952

MY 3, 10-6

REPORTS OF PROPOSED CURTAILMENT OF NATURAL GAS DELIVERS TO MICH.  
CONSOLIDATED GAS CO. WERE NOT CORRECT

MY 16, 28-3

RESERVES OF GAS SAVED FOR WINTER USE IN MICHIGAN; ARE BEING USED TO RELIEVE RESULTS OF GAS STRIKE

MY 25, 1-11-2

PSC CONSIDERS PANHANDLE REQUEST TO SELL NATURAL GAS TO MORROW POWER PLANT NEAR KALAMAZOO, MICH

JE 19, 57-6

ROST. S. HEUSEL, PANHANDLE CO. ENGINEER GRILLED IN SUIT VS MICH CONS. GAS CO

JE 26, 16-3

MICH CONS. GAS CO. GETS O.K. TO SERVICE 2 DEFENSE PLANTS

JE 28, 2-7 FINAL

MICH BACKS CURB ON GAS; GOV'T IS URGED TO KEEP PRESENT ORDER

JL 28, 3-3

IRON MT-UPPER PENINSULA RESIDENTS HOPEFUL FOR CHEAP GAS & RESULTING INDUSTRIAL BOOM- SHOENFIELD

AG 16, 6-5

CONSUMER POWER CO. ASKS PSC TO INCREASE IN ABOVE OF \$714,000

AG 16, 3-1

FPC DENIES PANHANDLE EASTERN PIPELINE OF KANSAS CITY TO REDUCE ABOVE TO MICH. CONSOLIDATED GAS CO.

AG 19, 6-4 NITE

CITIZENS GAS CO. ADRIAN GETS O.K. TO TAKE ON NEW CUSTOMERS

AG 23, 2-8

BAN LIFTED IN SEVERAL MICH CITIES TO EXTEND USE

0 4, 10-5

GAS FIELD STRUCK IN ST. CLAIR YIELDING 15,000,000 FT. A DAY

0 9, 11-3

FOUR SMALL OUTSTATE GAS COS. RELIEVED OF STATE LIMITATIONS ON NUMBER OF SPACE HEARING CUSTOMERS THEY MAY SERVE

N 18, 26-1

RESTRICTIONS AGST MICH. CONSOLIDATED GAS CO. EASED TO PERMIT SUPPLY  
TO FORD MOTOR & COMMONWEALTH INDUSTRIES INC. OF DET.

---1953---

JA 29, 6-8

CONSUMERS POWER CO. SEEKS PERMISSION TO EXPAND GAS HEATING SERVICE  
IN NINE OUTSTATE DIVISIONS IN 3 COUNTIES

JA 31, 3-2

DET & WAYNE CO. FIGHT TO PREVENT CUT IN GAS

F 18, 31-4

JOHN H. MCCARTHY REOPENS MICH. PUBLIC SERVICE COMMISSION INQUIRY INTO NATURAL GAS SUPPLIES

MR 5, 21-2

APPROX. HALF OF APPLICANTS ON LIST OF CONSUMER POWER CO. FOR GAS HEATING SERVICE TO BE ACCEPTED

MR 6, 24-1

PSC ORDERS CONSUMER POWER CO. TO FURNISH RESIDENTS OF OAKLAND COUNTY  
WITH ABOVE TO HEAT THEIR HOMES

AP 5, 1-26-2

LUDINGTON-BLAST FROM TEST WELL BLACKENS BUILDINGS

AP 8, 17-5

CONSUMERS POWER CO. OFFICIALS APPEARED BEFORE MPSC TODAY AS MICHIGAN'S  
INVESTIGATION OF NATURAL GAS SUPPLIES & DEMAND GETS UNDER WAY

AP 24, 28-7

MICH. CON. GAS GETS NEW HUGE GAS STORAGE FIELD TO BOOST GAS SERVICE TO  
DET. AREA

AP 28, 14-4

MICH. RETAIL COAL MERCHANTS ASSN. SAYS GAS HEATING IS DRIVING LITTLE  
FUEL DEALER OUT OF BUSINESS

-----1953-----

AP 28, 11-1

U.S. TO HELP MICHIGAN TO NATURAL GAS FR. CANADA FO

MY 6, 66-3

GOV. WILLIAMS & REP. BENNETT SEEK TO BRING CANADIAN NATURAL GAS TO MICH.  
W. MULLER

MY 28, 14-2

MICH. CON. GAS CO. & PANHANDLE EASTERN BATTLE OVER GAS HOME HEATING  
ATTY.

JE 20, 15-1

GEN. MILLARD DEVELOPES GO-SKOW ATTITUDE TOWARD WIS. PLEA FOR JOINT INV  
ESTIGATION OF ALLEGED BLOCKADE AGST. 2 STATES-TER HORST

JE 26, 11-1

DETROIT ASKS MICHIGAN TO BAN CONTRACT LIMITING GAS-HOENSHELL

JL 11, 6-6

GOV. WILLIAMS NAMES JOHN H. MCCARTHY TO REPRESENT MICH. AT CONG. CONF.  
ON MORE NATURAL GAS FOR MICHIGAN

JL 15, 1-4 5\*

REP. BENNETT GETS REP. OF STATE DEPT. & CANADIAN GOVT. TO AGREE TO DISCUSS  
IMPORTATION OF GAS FR. FIELD IN ALBERTA

JL 16, 27-3

JAS. H. LEE DET. EXPERT ON UTILITY PRICES WELCOMES PROPOSAL TO SEEK ADDIT  
IONAL GAS FR. ALBERTA FOR MICH. & WIS.

AG 5, 42-1 5\*

AMER. NATURAL GAS CO. DISCLOSE PLANS TO BUILD NEW PIPELINE TO SUPPLY MICH.  
CH.

AG 12, 1-4

MICH. PUBLIC SERVICE COMMSN. SET IN MOTION GAS FOR 50,000 HOMES

AG 13, 13-1

MICH. CONSOLIDATED GAS MAY FIGHT ORDER OF MPSC TO PROVIDE 50,000 HOMES  
WITH HEAT

AG 14, 37-5

MICH. CON. GAS CO. SAYS MPSC ORDER FOR GAS FOR HOME OWNERS SAYS ORDER  
WILL NOT GO INTO EFFECT IMMEDIATELY

MICH. CON. GAS CO. OFFERS PLAN TO SUPPLY GAS TO 50,000 HOMES - RUDOW AG 19, 16-3

AMERICAN-LOUISIANA PIPELINE CO. SEEKS ANOTHER GAS LINE FOR NATURAL AG 28, 39-4  
TO MICHIGAN; HEARINGS TO OPEN IN MICHIGAN AG 31ST AG 30, 1-2-4

GAS SHOULD BE AVAILABLE IN U.P. IF ALBERTA APPROVES PROPOSAL BY MID-  
CONTINENT TO BUILD PIPELINE S 5, 10-6

MICH. SEEKS GAS FOR UPPER PENINSULA INDUSTRY S 17, 5-1

PSC ORDER MICH. CONSOLIDATED & CONSUMER POWER CO. TO GIVE INDUSTRY MORE  
GAS O 21, 1-8

MICH. CON. GAS CO. TO PUT GAS HEAT INTO 9,600 HOMES THIS WINTER - RUDOW N 8, Roto 8

NATURAL GAS COMES FROM TEXAS TO MICH. - J. SULLIVAN N 16, 37-6 5\*

TEXAS GAS TRANSMISSION CORP. PLANS TO SELL ADDITIONAL GAS TO AMER. LOU-  
SIAN PIPELINE CO. FOR MICH. AREA N 18, 38-1

MICH. CONSOLIDATED GAS ORDERED TO REOPEN NEGOTIATIONS WITH PANHANDLE  
EASTERN PIPELINE FOR AT LEAST 127 MILLION CUBIC FT. OF GAS DAILY D 2, 25-7

MAILS OUT NOICES THAT NATURAL GAS IS NOW AVAILABLE FOR SPACE HEAT-  
ING IN 1,179 WEST MICH. HOMES & SMALL COMMERCIAL BLDINGS

GRANTS OF NATURAL GAS INDUS. BATTLE TO SUPPLY MICH. MARKET - W MULLER MR 7, B-4-5

---1954---

MR 21, 1-22-2

NATURAL WELL STRUCK ON FARM MR NORTH VILLE -TERNES

AP 7, 3-6

MICH.CON.GAS CO. GIVEN OK TO ADD 500 DOMESTIC GAS CUSTOMERS IN NANKIN TOWNSHIP, WAYNE COUNTY

AP 15, 8-6

2-STATE CONF. HELD ON GAS FOR UPPER PENIN.-

AP 18, 1-16-3

EARLY HEARING PROMISED ON GAS REFUNDS

AP 30, 10-1

SPEED URGED ON HEARING TO PERMIT SALE OF GAS TO McLOUTH STEEL CO. BY PANSHANLE EASTERN PIPE LINE CO.-HOENSHELL

MY 1, 14-7

2 BIG UTILITIES STURGGLE OVER SUPPLYING GAS TO NEW McLOUTH STEEL CORP PLANT-HOENSHELL

MY 2, 8-18-1

IS THIS GAS SITUATION GOOD FOR BUSINESS - EDIT

MY 25, 2-1

SENATE QUIZ DUE IN DET. MY 27TH FOR PUBLIC HEARING ON ABOVE DISPUTE

MY 26, 3-2

GAS OFFERED TO INDUSTRY DEMANDED FOR HOME USERS

MY 28, 14-1

MICH. CONSOLIDATED GAS CO. BLAMED FOR LOSS OF GAS SUPPLY FEEDER LINE TO DET. BY STOCKHOLDERS OF TEXAS-MICH PIPELINE CO.-BICK

JE 2, 11-2 NITE

CITY ASKS MICH CONSOLIDATED GAS GO TO TAKE ON 30,000 MORE HOME HEATING JOBS-RUDOW

JE 3, 13-1

EXECUTIVES SAY SALE OF GAS TO INDUSTRY WORLD PROTECT PRESENT PAYROLLS AND CREATE NEW ONE

JE 21, 23-2

PANHANDLE EASTERN PIPE LINE CO. ASKS FPC TO OK PLAN FOR EXPANSION TO MEET INCREASED DEMAND FOR NATURAL GAS BY MICH. & OTHER CONSUMERS

- CONSUMERS POWER CO. ASKS FOR 25,000 HOUSE HEATING CUSTOMERS JL 7, 8-2-BB  
JL 8, 6-2
- PANHANDLE EXPLAINS WHY CONSUMERS POWER CAN HAVE MORE CUSTOMERS AND  
MICH CONSOLIDATED GAS CAN NOT HL 10, 22-7
- 80,000 MORE DETROITERS TO GET GAS HEAT NEXT YR IF LOUISIANA PIPELINE  
DELIVERS BY JAN. 1 JL 21, 22-1
- DET. TO GET 12, 442 GAS PATRONS TO BE PICKED FR APPLICANTS. FOR  
HEATING PURPOSE JL 28, 44-6
- 12,442 PERMITS DUE IN SUBURBS JL 29, 10-3-5\*
- FPC RULING DOES NOT END GAS DISPUTE AG 19, 5-1
- AMER. LA. PIPE LINE CO. ASKS PIPELINE FR LA. TO MICH. S 3, 4-3
- FPC GIVES MORE NATURAL GAS TO MICH SAYS SEN. FERGUSON S 7, 2-2 BB
- ATTN. GEN. MILLARD TO REPRESENT MICH. IN D.C. S 6TH IN FIGHT TO GET OK FOR  
NEW GAS PIPELINE S 14, 9-1
- LANSING-MPSC GIVES OK FOR MICH. GAS & ELECTRIC CO. TO ADD 317 NEW SPACE  
HEATING CUSTOMERS & MICH. GAS UTILITIES CO. 175 N 5, 54-2
- MICH. STUDIES PLAN TO PIPE NATURAL GAS FR. NORTHVILLE OIL FIELDS INTO  
PUBLIC UTILITY LINES

0000000-2 1954-  
PORT HURON TO GET 20% MORE GAS BY PIPE LINE

D 8, 48-1  
D 15, 37-5

FPC RULES AGST PLAN B PANHANDLE EASTERN PIPE LINE CO. THAT IT STOP  
NATURAL GAS DELIVERIES TO DISTRIBUTORS IN 3 STATES INCLUDING MICH.

D 23, 15-5

FPC GRANTS PANHANDLE EASTERN PIPELINE CO. OK TO OPERATE NEW FACILITIES  
TO INCREASE NATURAL GAS DELIVERIES TO 34 UTILITIES IN 5 STATES

-1955-

JA 8, 16-7

MICH CONSOLIDATED GAS AND CONSUMERS POWER CO TO SEEK GAS RATE BOOST

JA 11, 1-3

NATURAL GAS WITH FLOW OF 500,000 CUBIC FEET A DAY IS FOUND BY DRILLERS  
FOR INTERNAT'L SALT CO. ON PROPERTY OF DET-WAYNE MAJOR AIRPORT

F 26, 1-4

COURT. ORDER BACKS NEW PIPELING FOR MICHIGAN

JL 12, 23-3

CONSUMERS POWER ASKS FOR OK TO ADD 30,000 GAS SPACE HEATING CUSTOMERS  
IN 30 COUNTIES

JL 26, 32-4

18,676 TO GET HEATING UNITS THOSE WHO ON WAITING LIST FOR 12 MONTHS  
OR MORE FIRST.

JL 29, 42-8

30,000 GAS CONSUMERS ADDED TO MICH. AREA

S 9, 1-3BB

35,000 MORE IN STATE TO GET GAS HEATING-M HAYDEN  
M. PLEASANT-SIX LAKES, TO BE USED FOR STORAGE OF GAS

S 21, 11-2

- PROPOSALS TO DRILL FOR NATURAL GAS ON PROPERTY THAT IS PARTLY OWNED BY WAYNE COUNTY IS UNDER STUDY TODAY O 1, 16-7
- UNLIMITED GAS FOR NEW HOMES DUE FOR MICH. BY MARCH N 4, 23-1
- 100 MEN BATTLE MISS. RIVER TO LAY DET. PIPELINE N 27, 8-7-5
- 1956----- JA 20, 32-6
- LANSING-STATE CRUDE OUTPUT OFF, NATURAL GAS UP JA 30, 3-8
- ROADS IN DEARBORN TWP CLOSED DUE TO GAS MAIN BREAK F 17, 41-1
- JONESVILLE-ABOVE SEEKS TO HAVE GAS AVAILABLE FOR HEAT, & COOKING F 22, 60-6
- COMMITTEE TO INVESTIGATE PROVIDING GAS FOR URBAN COMMUNITIES MR 13, 43-5
- MICH. SEEKS SHORT CUTS TO ASSURE EXPANSION OF NATURAL GAS SUPPLIES BY AUG. 1ST MR 21, 25-4
- MICH. CONSOLIDATED GAS CO. PLANS TO DELIVER ALL CUBS BY SUMMER ON SERVICE TO DETROIT HOMES & INDUSTRY- MY 1, 17-5 1H
- FPC MOVES TO SPEED MORE NATURAL GAS FOR DET. FROM AMER. LOUISIANA PIPE LINE CO. JL 11, 3-5
- FPC OK'S GAS HEATING FOR ALL HOMES

-----1956-----

J 11, 20-1

MICH. SUP. CT. CONF. THAT UPSET STATE FRANCHISE FEE FORMULA RELATING TO INTERSTATE NATURAL GAS SALES-HOENSHELL

AG 1, 8-6

MICH. CONS. GAS CO. IS GIVEN OK TO ADD AS MANY NEW SPACEHEATING CUSTOMER AS IT CAN BY MPSC

AG 6, 29-3

MPSC OK'S SALE OF INDUSTRIAL GAS DIR. FR. PANHANDLE EASTERN PIPE LINE CO. TO MCLOUTH STEEL PLANT AT GIBRALTAR, MICH.-RUDOW

AG 7, 17-5

COMPLETION OF AM-LA PIPELINE TO PROVIDE GAS FOR 25,000 MORE DET HOMES

AG 10, 9-4

LESLIE-GAS SERVICE HERE CUT OFF FR. 12:15 TO 4:15PM AG 9TH WHILE A BROKEN CONSUMERS POWER CO. MAIN WAS BEING REPAIRED

AG 22, 9-1

MICH. CONS. GAS ASKS FOR SALE OF GAS TO INDUSTRY

AG 23, 33-4

TRAVERSE CITY-MICH. CONSOLIDATED GAS CO. REPORTS ITS PIPELINE & RECEIVING STATION FOR DELIVERING NATURAL GAS TO THIS AREA WILL BE FINISHED SEPT. 1ST

AG 24, 6-5

MICH. CONSOLIDATED WINS FIGHT TO BAR PANHANDLE SALE OF GAS TO MCLOUTH STEEL-HOENSHELL

S 5, 8-3

MICH. CONS. GAS CO. IS ALLOCATED ANOTHER 11 MILLION CUBIC FEET OF GAS A DAY FR. AMER. LOUISIANA PIPE LINE CO. OF DET. BY FPC

S 11, 19-2

MAYOR COBO JOINS IN FIGHT TO GET GAS FOR MICH UPPER PENIN.

S 12, 42-1

MICH. CONS. GAS CO. SEEKS BAN AGST DIRECT NATURAL GAS SALES BY PANHANDLE TO DETR. IT'S RICH INDUSTRIAL MARKET

- S 12, 42-2  
 PFC SEEKS TO GET NATURAL GAS FOR UPPER PENINSULA; MAYORS THEIR THANK  
 COBO FOR HIS EFF RTS IN GETTING FPC ACTION S 12, 42-2
- MICH. CONS. GAS CO. TELLS USERS OF GAS THAT GAS SUPPLY IS ADEQUATE  
 S 20, 28-6
- LANSING-ILLNESS OF ATTORNEY HALTS MICH. CONS. GAS CO. SUIT TO BAR PANHANDLE  
 EASTERN FR. DIRECT SALES TO DET. INDUSTRY O 25, 63-3
- LANSING-PANHANDLE EASTERN PIPE LINE CO. ASKS COURT ORDER TO DISQUAL-  
 IFY JAS. H. LEE OF MPSC FR. SITTING IN JUDGEMENT ON UTILITIES CASE  
 O 30, 8-2
- PIPELINE GAS SALE CASE SENT TO STATE BOARD AGAIN-HOENSHALL  
 N 4, 8-19-7
- MARQUETTE-GAS QUEST IS STARTED IN U.P. N 8, 10-2
- MPSC REQUESTS FOR RIGHT TO SELL DIRECTLY TO INDUSTRY N 9, 35-4
- MICH. CONSOLIDATED & PANHANDLE EASTERN PIPELINE START NEW LEGAL BATTLE-  
 HOENSHALL N 15, 36-4
- LEGAL BARRIER AGST DIRECT SALE OF ABOVE BY PANHANDLE TO DET INDUSTRY  
 TO BE SOUGHT IN COURT IN LANSING-HOENSHALL N 16, 50-1
- LET US PRAY-EDIT. N 16, 57-4
- GULF REFINING CO. CANCELS 4 CONTRACTS TO SELL NATURAL GAS TO AMER. LOU-  
 ISIANA PIPE LINE CO. FOR DISTRIBUTION IN MICH. & WISCONSIN

-----1956-----

N 16, 14-2 5\*

FPC EXAMINER RECESSES HEARING ON AMER. LA. PIPE LINE EXPANSION PROJECT

N 22 3-5

\$8.5 MILLION REFUND DUE WAYNE COUNTY GAS RULES

D 15, 8-3

LANSING-PANHANDLE EASTERN PIPE LINE CO. READY TO APPEAL TO MICH. SUP. CT. IN FIGHT FOR ITS BRIEFLY HEARD RIGHT TO SELL NATURAL GAS DIRECTLY TO ET. AREA INDUSTRY

D 18, 22-5

FRANKLIN PARDEE RESUMES UP FIGHT TO GET GAS

-----1957-----

JA 17, 1-4

MICH. SUPPLY UNAFFECTED BY EXPLOSION OF PUMPING STATION IN SOUTHWEST-ERN KANSAS JA 16TH

JA 17, 34-1

GEO. BRUCKNER, CHIEF GAS DISPATCHER FOR MICH. C NS. GAS CO. & HIS JOB IN BELOW ZERO WEATHER

JA 18, 11-4

BLAST AT PANHANDLE PUMPING STATION IN KANSAS SHUTS ALL GAS-USING INDUSTRIES IN BATTLE CREEK AREA

JA 22, 13-3

FULL GAS SERVICE RESTORED IN MICH.

F 17, B-11-5

NATURAL GAS FIGHT NEARS SHOWDOWN-HOENSHELL

AP 13, 8-1

LANSING-MICH. CONSERVATION COMMS. OK'S DRILLING FOR OIL OR GAS ON GT. LAKE BOTTOMS

AP 23, 6-3

SEN. BLONDY ASKS THAT EN. COMM. BE NAMED TO INVESTIGATE LONG FIGHT BET-WEEN UTILITIES & GAS TO HOME USERS

2 PSC MEMBERS ORDER NEW INQUIRY OF NATURAL GAS SUPPLIES FOR HOME HEATING MY 17, 47-2

FPC MEMBERS URGED BY GOV. WILLIAMS TO OK PROMPTLY MIDWESTERN GAS TRANSMISSION CO. APPLICATION TO PIPE CANADIAN GAS TO UPPER PENINSULA MY 18, 13-5

DROPPING DET. PIPELINE TO BE STUDIED AT HEARING PUB SERVICE COMMSN. MY 26, 8-18-3

GOV SIGNS BILL TO EMPOWER CONSERVATION DEPT TO CONTROL OIL & GAS DRILLING IN GT. LAKES- JE 15, 7-8

2 MEMBERS OF PSC SEEK EARLY RULING IN PHONE RATE CASE- HOENSHELL E 20, 19-1

OVER 2,000 ROUTED BY MAIN BREAK AROUND 9 MILE & RYAN, WARREN- JL 17, 1-1 BB

PUBLIC SERVICE COMMSN. HEARS DISPUTES OVER NATURAL GAS SUPPLIES FOR HOME HEATING AG 1, 6-1 1H

END OF GAS HEATING RESTRICTIONS NEAR- HOENSHELL AG 2, 1-5

LANSING-SHOWDOWN ORDERED ON ALL GAS CURBS-RUDOW AG 7, 1-6

LANSING-MPSC PROMISES FAIR DEAL ON HEATING GAS AG 8, 46-1

20,000 NEW GAS HEATING USERS OK'D BY MPSC AG 28, 48-3

-----1957----- S 20, 13-1

FPC HEARING INVOLVING NATURAL GAS FOR DET. ENDS AFTER 94 DAYS OF TESTIMONY & 12,000 PAGES OF TRANSCRIPT

S 21, 8-4

RESTRICTIONS ON USE OF NATURAL GAS FOR SPACE HEATING CUSTOMERS WERE LIFTED FOR SMALL ADRIAN, MICH. BY CITIZENS GAS & FUEL CO.

S 24, 12-7

STATE ORDERED RESTRICTIONS ON NATURAL GAS FOR HOME HEATING LIFTED FOR A SECOND DISTRIBUTOR TODAY

S 29, D-14-1 3\*

U.P. FUTURE LINKED TO GAS SUPPLY

O 3, 3-1

LANSING-MICH. CONS. GAS CO. ASKS STATE TO LIFT ALL RESTRICTIONS ON THE NUMBER OF CUSTOMERS IT CAN SERVE

O 4, 8-3 5\*

LANSING-CONSUMERS POWER CO. ASKS MPSC TO CONTINUE ITS RESTRICTIONS ON USE OF NATURAL GAS FOR SPACE HEATING PURPOSES

O 6, A-9-1

GAS REFUND CHECKS SET FOR MAILING

O 9, 63-2

LANSING-CHR. OTIS SMITH SAYS MPSC PLANS TO LIFT STATE RULES ON NATURAL GAS FOR HOME HEATING FOR ALL BUT ONE FIRM, CONSUMERS POWER CO., WITHIN TWO WEEKS

O 17, 20-4

GOV. WILLIAMS OFFERED TO TESTIFY BEFORE FPC IN BEHALF OF THE UPPER PENINSULA'S DRIVE TO GET NATURAL GAS

O 19, 7-1

MICH. LIFTS GAS GURBS ON 5 FIRMS

O 29, 13-5

GOV. WILLIAMS ASKS FPC TO OVERRULE FRANDIS HALL WHO HOLDS THAT PIPE-LINE FIRM TO SERVE U.P. SHOULD NOT BE OK'D

N 22, 12-3

FPC READY TO ISSUE ORDER THAT IN EFFECT WOULD KEEP ISSUE OF NATURAL GAS FOR MICHIGAN'S UPPER PENINSULA FROM BEING CONSIDERED IN A CASE NOW BEING HEARD

N 30, 17-3

BIG RAPIDS-\$17 MILLION GAS FILED, TAGGART CO., SOLD TO CONSUMERS POWER CO.

-----1958----- JA 3, 24-1

FPC REJECTS LATEST EFFORT OF MICHIGAN'S UPPER PENINSULA TO OBTAIN NATURAL GAS THROUGH A CURRENT FPC CASE

JA 12, A-16-6

PANHANDLE EASTERN PIPE LINE CO'S GAS CUTOFF MAY AFFECT LOCAL RATES

JA 15, 20-2 1H

EYE LATE '59 FOR NATURAL GAS IN U.P.

F 26, 19-1

MONROE-MICH. GAS UTILITIES CO. ALLOTS THIS AREA 1,100 GAS PERMITS

F 28, 45-8

PANHANDLE EASTERN PIPE LINE CO. SAYS MICH. COMM. GAS CO. HAS DEFIED FPC & U.S. SUP. CT. IN ATTEMPT TO HALT SALE OF ABOVE BY PANHANDLE TO A CANADIAN FIRM

MR 6, 22-5

SEEK BILL TO CREATE NATURAL GAS BOARD FOR UPPER PENINSULA

MR 30, A-3-1

PROPOSED HIKE IN WHOLESALE NATURAL GAS RATES IS SUSPENDED BY FPC

-----1958----- AP 13, A-10-1 5\*MO2  
GAS IS CUT OFF TO 500 HOMES IN DEARBORN DUE TO FOREIGN MATTER THAT  
ENTERED AUTOMATIC REGULATORS  
AP 19, 12-3

WELL STRIKE GAS NEAR PT HURON-BIG PRODUCER

JE 21, 8-3

DROPPINGS ITS OWN SUGGESTION THAT MICH.GAS & EL CTIC CO. CUT ITS NAT  
URAL GAS RATES

JL 18, 4-4 5\*

WASH.-MICH.GAS STORAGE CO.GIVEN FPC OK TO CONSTRUCT NATURAL GAS FAC-  
ILITIES

AG 22, 43-5 5\*

EDMORE,MICH.-MICH.CON.GAS CO.FONRIRMS PURCHASE OF ALL OIL & NATURAL GAS  
RIGHTS IN EDMORE,MICH. OIL FIELD

O 12, A-22-1

FPC REVIVES PROSPECTS OF DRASTIC CHANGE IN ABOVE IN MICH.-TER HORST

D 20, 1-1

MICH .CONSOLITATED GAS CO.TO APPEAL TO FPC ON RULING FOR PANHANDLE  
EASTERN PIPE LINE CO.TO ABANDON DET.DELIVERIES

-----1959-----

JA 9, 2-5

MICH.CONSOLIDATED GAS CO.SAYS 162 MICH.INDUSTRIES ORDERED BY FPC TO  
SWITCH TO STAND-BY HEATINGEQUIP.

JA 9, 9-3 1H

SHIFT TO OIL DUE AS GAS RUNS SHORT IN 3 ANN ARBOR SCHOOLS, EASTERN MIC  
IGAN COLLEGE & 10 INDUSTRIES

JA 22, 24-5

CONSUMERS POWER CO. TO SPEND MORE THAN \$16 MILLION TO EXPAND SERVICE  
IN DETROIT SUBURBS

MR 4, 30-1

FED.POWER EXPERTS BELEIVE CAN.TO OK GAS FOR MICH.& OTHER MIDWEST  
STATES-TERHORST

**GAS - NATURAL - MICHIGAN**

1959

**AP 16, 9-1**  
**ASKS FPC TO OK EXPANSION PLANS TO BRING NEW SUPPLIES TO MICH. FR. CAN. & LOUISIANA**

**MY 19, 24-1**  
**MICH. CONS. GAS CO. LOSES FINAL PLEA IN ITS CASE AGST PANHANDLE EASTERN- RALL**

**MY 24, D-15-3**  
**FPC OK'S TRUNKLINE GAS CO. OF HOUSTON, TEXAS TO MAKE A MAJOR EXPANSION IN ITS NATURAL GAS TRANSMISSION SYSTEM & TO COMMENCE DELIVERIES TO TWO NEW CUSTOMERS IN MICHIGAN**

**JE 26, 2-3**  
**ATTORNEYS FOR WAYNE COUNTY SEEK TO REVERSE A RULING OF FPC WHICH THEY SAID WOULD COST MICH. GAS HEATING HOME OWNERS \$5 MILLION ANNUALLY**  
**JL 18, 6-4 1H**  
**30,000 MORE HOMES TO GET GAS HEAT SAYS CONSUMERS POWER CO-**

**S 27, A-17-2**  
**ALLEGAN-DEVELOPMENT OF A GAS FIELD IN HEATH TWP HAS COME TO TEMP. HALT WHILE ATTORNEYS SEEK TO CLEAR TITLE TO SOME OF THE LAND**  
**0 3, A-3-8**  
**JACKSON-10,000 TO GET GAS FOR HOME HEATING**  
**0 7, C-16-8**

**0 13, R-3-1**  
**MONROE-1,600 TO GET GAS HEAT**  
**LANSING-MICH. SUP. CT. OK'S APPEAL FOR EASTERN PIPE LINE DIRECT SALE OF GAS**

---1959--- 0 29, C-17-3

MICHIGAN'S 2 DEM. SENATORS ADD TO PLEA FOR OK OF NATURAL GAS SERVICE  
FOR STATE'S UPPER PENINSULA

N 1, A-19-2

FPC OK'S GAS PIPELIN FOR UPPER PENINSULA & NORTHER STATES

N 3, A-2-1

CONSUMERS POWER CO. HECKING FOR LEAKS IN LIVONIA SURPRISED BY RESIDENT  
WHO HEARD CALL ON FM RADIO

N 13, A-2-2

HILLSDALE-OHIO OIL CO. TO BUILD GAS PROCESSING PLANT NR. MOSHERVILLE

N 28, A-6-6

LANSING-MICHIGAN IS PETITIONING FED. POWER COMMSN. TO SPEED NATURAL GAS  
SERVICE FOR UPPER PENINSULA

D 31, A-13-4

FED. CT. RULES GULF OIL CORP. MUST FULFIL CONTRACT TO PROVIDE LOUISIANA  
NATURAL GAS RESERVES FOR MICH & OTHER STATES

---1960--- JA 29, R-8-5

JACKSON-NEW SUPPLY OF NATURAL GAS WHICH BEGAN FLOWING INTO MICH. JA 28  
TO ENABLE CONSUMERS POWER CO. TO PROVIDE 60,000 MORE CUSTOMERS

MY 7, A-7-1

WITNESSES SUPPORT INDUSTRIAL GAS DEAL-HOENSHILL

MY 12, C-13-3

CONSUMERS POWER CO. TELLS OF PLANS FOR MARKETING OF NATURAL GAS FROM  
ALBION-PULASKI-SCIPIO FIELD

MY 14, A-7-2

MPSC AUTHORIZED MICH. CONSOLIDATED GAS CO. TO SELL 24,750,000,000 CUBIC  
FT. OF GAS TO GREAT LAKES STEEL CORP.

MY 14, A-7-4

ROYAL OAK-TWO PHONE BOMB THREAT AT GEO. WASHINGTON CARVER SCHOOL LEADS  
TO FINDING OPEN GAS JETS

THREE RIVERS-NEW CONSUMERS POWER CO.& TRUNKLINE GAS.CO.PIPELINES, BRING  
NEW SUPPLIES OF GAS FROM GULF OF MEXICO-WALKER

MY 19, A-1-5

LANSING-MICH.GAS UTILITIES CO.ASKS PSC OK OF PLAN TO PIPE NATURAL GAS  
TO UNION CITY IN RANCH COUNTY

MY 28, C-5-3

U.P.NATURAL GAS PLAN IMPERILED BY DEADLOCK

JE 28, B-9-1 MAIL

MICH.WISCONSIN PIPE LINE CO. GIVEN OK TO HIKE SUPPLY OF GAS TO MICH.GAS  
UTILITIES CO.

AG 7, A-12-3

AG 26, A-8-5

CONSERVATIONDEPT OFFERS OIL LEASES ON 160,000ACRES AT AUCTION SEPT 14

S 23, A-10-2

PANHANDLE EASTERN PIPE LINE CO. RESUMES DELIVERIES TO MICH.CON.GAS.  
CO. UNDER TEMP.ORDER FROM FPC

O 15, A-8-3

STATE PUBLIC SERVICE COMSN.SETS INQUIRY IN DELAY OF GAS TO UPPER PENIN-  
SULA

O 23, A-16-1 2\*

STATE PUBLIC SERVICE COMSN.SETS HEARING ON UPPER PENINSULA GAS NEED  
FOR NOV 1ST

N 21, C-12-6

UTSEGO-THIS TOWN & ALLEGAN WITHOUT GAS DUE TO BREAK IN MAIN

D 10, A-6-8

GAS FIRMS TO MEET IN DET. DEC 22ND TO DISCUSS UPPER PENINSULA NEEDS

YESTERDAY'S NEAR ZERO WEATHER SENT NATURAL GAS CONSUMPTION IN DETROIT  
& OUTSTATE TO AN ALL TIME HIGH  
ODOR OF GAS SHUTS CHERRYHILL SCHOOL IN INKSTER

/---1960-----

D14, D-11-7

D 17, A-10-3

D 22, C-12-1

D 23, B-5-5

D 24, A-12-4

PARLEY CALLED ON GAS FOR UPPER PENINSULA  
OFFICIALS OF 3 GAS FIRMS CONFER ON U.S.P SERVICE  
U.S.CT.OF APPEALS TO HEAR MICH.GAS.& ELECTRIC CO.PLEA FOR CHEAPER UPPER  
PENINSULA GAS

---1961---

JA 6, A-1-3

PANHANDLE EASTERN PIPE LINE CO.OFFERS NEW LOW COST NATURAL GAS DEAL-  
HOENSHILL

JA 6, A-17-1

BIG RAPIDS-MECOSTA CO.BD.OF SUPERVISORS IMPOSED TAX ON GAS STORED BY  
MICH.CON.SOLIDATED IN AREA FIELDS

JA 7, A-5-3

LANSING-STATE FILES SUIT TO PREVENT LEAK FROM GAS MAINS

JA 7, B-10-4FIN 3

MICH.WISCONSIN PIPE LINE CO.TELLS U.S.CT. OF APPEALS IT SHOULD NOT BE  
REQUIRED TO SUBSIDIZE MICHIGAN'S UPPER PENINSULA BY BUILDING A PIPE-  
LINE TO TRANSPORT NATURAL GAS THE E

JA 14, A-5-5

MT.CLEMENS-ONE OF MOST IMPORTANT GAS FIELDS IN SOUTHEASTERN MICH.HAS  
BEEN FOUND 1 1/2 MILES SOUTH OF NEW HAVEN, MICH. PANHANDLE EASTERN PIPE  
LINE CO.REPORTS

JA 17, A-8-1

ATTORNEYS FOR STATE, DET. & WAYNE JOIN MICH.CON.GAS CO.'S OPPOSING  
A NEW COMPROMISE PLAN BY PANHANDLE EASTERN PIPE LINE CO.

- JA 20, A-15-5MET2  
JOS CHILDS ASKS SURVEY TO FIND LEAKS OF GAS AT SAULT STE. MARIE
- F 3, B-6-2  
SAULT STE. MARIE-NEGOTIATE SALE OF SAULT GAS CO. TO MICH. CONSOLIDATED GAS CO.
- F 14, A-1-5  
CONSUMERS POWER CO. ANNOUNCES A \$12 MILLION IMPROVEMENT & EXPANSION PROGRAM FOR AREA INCLUDING ROYAL OAK, PONTIAC, E. DETROIT, PLYMOUTH, LIVONIA, BIRMINGHAM AND MT. CLEMENS
- MR 16, B-11-7, FIN 5  
PLAINWELL-150 HOMES WITHOUT HEAT MR 15TH DUE TO BREAK IN GAS LINE BETWEEN ALLEGAN & OTSEGO
- AP 15, A-8-3  
SENATE VOTES TO CURB & HANDLE EASTERN PIPELINE CO. FR. INVADING MICH. CONSOLIDATED BUSINESS IN DET.
- AP 19, C-5-1  
FARMERS TO FIGHT PROPOSAL TO CHANGE NATURAL GAS STORAGE RIGHTS
- AP 21, C-16-5  
MICH. GAS & ELECTRIC CO. ORDERED TO ACCEPT NATURAL GAS IN UPPER PENINSULA
- AP 25, A-8-4  
LEGISLATURES PRESSURED FROM BOTH MICH. CONSOLIDATED & DANHANDLE IN GAS ROW-RUPON
- AP 26, A-3-5  
MICH. CONSOLIDATED MAY HAVE TO ASK FOR \$6 MILLION RATE INCREASE-
- AP 26, B-10-5  
DISPUTE IN GAS STORAGE READY FOR AIRING IN LEGIS

--1961--

AP 27, B-13-1<sup>A</sup>

HOUSE STATE AFFAIRS COMM. MAY SHELVE BILL TO CURB GAS SALES IN MICH.  
CONSOLIDATE & PANHANDLE FEUD

AP 28, A-3-1

HOUSE KILLS BILL TO CURB GAS SALES; MICH. CONSOLIDATE-PANHANDLE FEUD TO  
CONTINUE

AP 29, A-6-1

PANHANDLE EASTERN PIPE LINE CO. ORDERES FPC TO RESUME GAS DELIVERIES TO  
MICH. CON. GAS CO.

MY 4, B-11-8

LEG. GIVE OV. SWAINSON PLAN FOR GAS STORAGE

MY 13, B-10-4

STUDY COMM. NAMED ON GAS SALES DIRECTO TO INDUSTRY

MY 20, A-8-3

ATTY. GEN. AUL ADAMS RULES THAT \$5,768,402 IN NATURAL GAS IN MICH. UNDER  
GROUND STORAGE FIELDS WAS SUBJECT TO THE PROPERTY TAX

MY 24, B-3-2

GOV. SIGNS BILL LETTING PUBLIC UTILITY USE CONDEMNATION PROCEEDINGS TO  
COMPLETE GAS STORAGE FIELD, IF 75% OF LAND HAS BEEN OBTAINED THROUGH  
NEGOTIATION

JL 13, A-1-7

PANHANDLE EAST. PIPE LINE CO. REVEALS PLANS TO TAP LOCAL NATURAL GAS FI  
ELDS IN MACOMB & ST. CLAIR COUNTIES

O 27, C-9-3

MICH. CON. GAS CO. & PANHANDLE PIPE BATTLE ANEW AT HEARING-ROENSHELL

N 3, A-10-1

PUB. SERV. COMMSN. OF MICH. DROPS DEMAND FOR GAS REFERENDUM

N 7, B-9-4

MICH. CON. GAS CO. PLANS TO TAP GAS FIELD IN ST. CLAIR, MICH. CALLED BELLE  
RIVER MILLS

FPC REFUSES TO GRANT MICH. GAS & ELECTRIC CO. AN EXTENSION OF TIME  
WITHIN WHICH TO BUILD FACILITIES TO SUPPLY NATURAL GAS TO AREAS IN  
UPPER PENINSULA

8, R-3-1

F 20, R-15-2

PANHANDLE EASTERN PIPE LINE CO. SAYS IT WILL BOOST DELIVERIES 44 PCT

Mr 16, D-9-8

FLINT-FLINT DIV. OF CONSUMERS POWER CO. ANNOUNCES PLANS TO EXTEND  
NATURAL GAS SERVICE TO NEARBY PANCOST, ORTONVILLE & MONTROSE

JL 12, R-12-3

FED. POWER COMM. EXAMINER RECOMMENDS PANHANDLE EASTERN PIPE LINE CO. BE  
AUTHORIZED TO CONSTRUCT NEW LINE IN EXPANSION PROGRAM

AG 3, C-9-4

PANHANDLE EASTERN PIPE LINE ANNOUNCED CONSTRUCTION STARTED ON EXPANSION  
OF FACILITIES THAT WILL BRING INCREASE IN NATURAL GAS-RUDOW

N 6, B-8-1

SERVICE AGREEMENTS SETTING INCREASES IN DELIVERIES BY PANHANDLE EASTERN  
PIPE LINE CO. TO CUSTOMERS IN MICH. APPROVED BY FPC

N 28, C-6-8

LANSING-ATTY. GEN. KELLEY RULES THAT ABOVE EXTRACTED FROM US LAND, INDIAN  
& CHARITABLE OR EDUCATIONAL ORGS. IS SUBJECT TO ST. SEVERANCE TAX

--1963--

JA 27, ROTO 22

GAS PROCESSING PLANT AT ST. CLAIR SENDING WARM GAS TO HOMES BU INSIDE THE TALL "FRACTIONATING" TOWERS THE TEMP. IS ZERO F 12, A-8-4 LF MICH. CONSOLIDATED GAS CO. ANNOUNCE PLANS TO PROVIDE GROSSE ILE WITH FIRST NATURAL GAS F 22, A-4-4 FIN3 MICH. CONSOLIDATED GAS CO. ASKED INDUSTRIAL CUSTOMERS TO SWE ON GAS AS RESERVES DEPLETED BY THE COLDEST WINTER IN 45 YRS.

MY 23, B-14-7

PETOSKEY-MICH CONSOLIDATED GAS CO. BEGAN CONSTRUCTION OF NATURAL GAS DISTRIBUTION SYSTEMS IN PETOSKEY & CHARLEVOIX MY22--MY 23, C-19-5 NEGAUNEE-UP COMMITTEE FOR NATURAL GAS TO MEET JE 11 IN MARQUETTE TO TALK OF BRINGING NATURAL GAS TO UP

MY 30, C-7-2

MT. PLEASANT-MICHIGAN CONSOLIDATED GAS CO. ANNOUNCES PLANS TO EXTEND ABOVE SERVICE TO HARRISON IN CLARE COUNTY

JL 24, B-6-2

PANHANDLE EASTERN PIPE LINE CO. PROPOSES INCREASES IN NATURAL GAS SUPPLIES TO 4 MICH. UTILITIES

AG 19, A-5-3 LF

TAWAS CITY-GOVERNING BODIES OF 3 IOSCO CO. COMMUNITIES WILL DECIDE WINNER IN BATTLE BETWEEN 2 GIANT UTILITIES FOR RIGHT TO SELL NATURAL GAS ON MICH.'S LAKE HURON SHORE

AG 27, C-9-4 FIN3

WASH-FPC GAVE OK TO MICH-WISCONSIN PIPELINE CO FOR DET TO LEASE & OPERATE A NATURAL GAS STORAGE FIELD-THE NORTH HAMILTON FIELD, IN CLARE CO.

AG 29, A-19-5

TAWAS CITY-MICH CONSOLIDATED GAS CO. WON OK FROM TAWAS CITY, EAST TAWAS & OSCODA TWP FOR A NATURAL GAS FRANCHISE

1963

GAS: NATURAL : MICHIGAN

- WASH-10 YR HEARING ON ALLOCATIONS OF ABOVE SETTLED-AMERICAN LOUISIANA  
PIPE LINE CO. ORDERED TO PROVIDE UP TO 127 MILLION CUBIC FT OF NATURAL  
GAS TO MICH CONSOLIDATED GAS CO. FOR DISTRIBUTION IN DET & OTHER COM-  
MUNITIES S 20, C-15-5  
---1964--- JA 22, C-5-1
- HEARINGS ON MICH.CON.GAS CO.APPLICATION TO EXTEND NATURAL GAS SERV.TO  
42 COMM.TO OPEN JAN.24 MR 15, D-6-1 2\*
- LANSING-ST.CONSERVATION COMM.TO TAKE ANOTHER LOOK MR. 19-20 AT PROPOS-  
AL BY MICH.CON.GAS CO.TO RUN 2 PIPELINES IN NORTHERN MICH.  
MR 21, B-7-2
- MARQUETTE-NORTHERN NATURAL GAS CO TO ASK FPC FOR OK TO PIPE NATURAL  
GAS TO 26 UPPER PENINSULA COMMUNITIES & PARTS WISCONSIN & MINN.  
MY 7, C-23-5
- MONROE-MICH.GAS UTILITIES CO.ANNOUNCES PLANS TO SPEND \$1 MILLION FOR  
DEVELOPMENT OF PARTELLO FIELD IN CALHOUN COUNTY JE 2, B-2-1
- LANSING-STATE SUP CT RULED NATURAL GAS PIPED UNDERGROUND FIELDS IN  
SUMMER & HELD FOR WINTER USE CAN BE SUBJECT TO LOCAL PROPERTY TAXES AS  
IN CASE MICH CONSOLIDATED GAS CO. JE 9, D-12-5
- LANSING-MICH.PUBLIC SERV.COMM.GIVES PERMISSION TO CONSUMER POWER CO.  
TO EXTEND NATURAL GAS SERV.TO MEGOSA

---1965---

JA 18, A-20-8

LANSING-MICH. CONSOLIDATED GAS CO. GRANTED PERMITS TO BUILD 80 MILES PIPELINE TO NORTHERN MICH. COMMUNITIES

AP 25, D-24-5 3\*ST

CHEBOYGAN-EXTENSION OF LINES TO SUPPLY NATURAL GAS TO 9 NORTHERN LP CITIES TO BE STARTED IN MAY BY MICH. CONSOLIDATED GAS CO. GREWS

JE 8, C-6-7

LANSING-ST. PUBLIC SERV. COMMSN. ANNOUNCES THAT FED. POWER COMMSN. GRANTED APPROVAL TO APPLICATION OF NORTHERN NATURAL GAS CO. TO PROVIDE GAS TO NORTHERN PART OF UP

JL 26, A-9-3

CHEBOYGAN-MICH. CONSOLIDATED GAS CO. TURNS ON NATURAL GAS NEXT WEEK FOR CHEBOYGAN, PRESQUE ISLE AND OTSEGO COUNTIES

JL 29, B-9-1

LANSING-MICH. CONSOLIDATED GAS CO. GIVEN OK TO EXTEND NATURAL GAS SERVICE TO TRAILER PARKS LARGE ENOUGH TO HAVE 20 OR MORE TRAILERS

AG 18, C-21-4

MICH. CONSOLIDATED GAS CO. TO TURN NATURAL GAS INTO DISTRIBUTION SYSTEMS IN 4 MENOMINEE COUNTY COMMUNITIES

S 1, C-11-5

PETOSKEY-NORTHERN PUBLIC SERVICE CO. OBTAINS INJUNCTION PROHIBITING MICH. CON. GAS CO. FROM LAYING GAS MAINS IN BEAR CREEK TWP.

~~XXXXXXXXXXXXXXXXXXXX~~

~~LANSING-~~

D 3, C-9-6

OVER 1 SQUARE MI LAND IN MACOMB CO PURCHASED BY CONSUMER POWER CO AS PRODUCING NATURAL GAS FIELD-THEISEN

GAS - NATURAL - MICHIGAN

1965

D 9, E-1-3 Z 6

CLARENCE VANDENBROUCK FARM HAS ~~ONE~~ GAS WELL AS WELL AS RHUBARB

---1966---

JA 31, A-3-6

ALPENA-GAS SABOTEURS HUNTED IN ALPENA GAS SHUTDOWN

F 2, C-19-4

PANHANDLE EASTERN PIPE LINE CO ASKED FPC TO APPROVE EXPANSION TO INCREASE NATURAL GAS DELIVERIES TO 3 MICH SYSTEMS

MR 13, D-20-8 3\*ST

ALPENA-VANDAL RESPONSIBLE FOR GAS SHUTOFF HERE OF 6 WKS AGO

MY 12, D-7-1

MICH. CONSOLIDATED GAS CO. SAYS 27,000 MILES PIPELINE CARRIES GAS ALL OVER MICH. OTHER AREAS-CARLISLE

JE 7, D-11-7

MORE GAS FOR 3 UTILITIES APPROVED

JL 6, E-10-6 Z 6

CONSUMERS POWER CO TO STORE NATURAL GAS UNDERGROUND IN MACOMB CO

D 20, B-1-2

OTSEGO-BREAK IN GAS SERVICE IN THIS AREA

---1968---

D 12, B-2-5

SAULT STE. MARIE-950 CUSTOMERS OF MICH. CONSOLIDATED GAS WILL BE SERVICED WITH NATURAL GAS

--1969--

S 11, D-9-1

NATURAL GAS TO FUEL THE ~~K~~ FIRES OF HELL, STARTING  
NEXT WEEK-

O 23, A-10-1

OIL AND GAS FINDS MAY PUMP \$1 BILLION INTO STATE

JA 22, A-1-5

COLD PERILS GAS SUPPLY FOR FACTORIES.- THEISEN.

JA 24, A-8-1

GAS SALES ZOOM DURING COLD SNAP.- OCONNOR.

---1970---

Ag 24, A-1-4

MICH INDUSTRY BEGINNING TO FEEL PINCH FOR FIRST TIME OF  
SHORTAGE---GEBERT

02, A-3-1

BAN ON NEW USERS OF NATIONAL GAS REQUESTED FOR NEXT FEW YRS  
BY CONSUMERS POWER CO. SANDNER

O 4, B-8-1

CONSUMERS POWER CO ANNOUNCED WOULD REFUSE TO TAKE ANY NEW  
CUSTOMERS INDEFINITELY--O'SHEA/KONZELMAN

O 20, A-2-3

MRS JOHN TRESH & HIGH POWERED BUSINESSMEN ETC JOINED TO  
OPPOSE CONSUMER ~~POWER~~ POWER CO REQUEST TO STOP ADDING NEW  
NATURAL GAS CUSTOMERS--SANDNER

1970

**WAS: NATURAL: MICHIGAN**

O 24, B-11-6

ASKED 11 UTILITIES TO DISCONTINUE PROMOTIONAL PROGRAMS INTENDED TO GAIN NEW BUSINESS

N 8, E-7-1

GENERAL MOTORS CORP & DETROIT EDISON CO ENGAGED IN MAJOR RESEARCH TO MAKE COAL POLLUTION-FREE SOURCE OF FUEL--KERWIN

N 11, A-3-1

PUBLIC SERVICE COMMSN ORDERED CONSUMERS POWER CO TO RESUME ADDING NEW RESIDENTIAL CUSTOMER UNTIL COMMITMENTS EQUAL

SUPPLY--SANDNER

N 24, B-2-1

CONSUMERS POWER CO SAYS MICH SHOULD LIFT BAN ON OIL & GAS DRILLING ON STATE-OWNED LAND TO RELIEVE A GROWING SHORTAGE  
ENGLE

D 5, A-2-3

ATTY GEN FRANK J KELLEY PETITIONED STATE PUBLIC SERVICE COMMSN TO RECONSIDER ORDER ALLOWING CONSUMERS POWER CO TO REFUSE TO SELL GAS TO NEW COMMERCIAL & INDUSTRIAL CUSTOMERS

---1971--- MR 30, B-1-2W

CITY OF WAYNE WILL TRY TO GET SERVICE FOR 400 ACRE INDUSTRIAL PLOT DESPITE BAN ON NEW GAS INSTALLATIONS BY CONSUMERS POWER

--1971--

JE 6,G-1-6

WORRY OVER POSSIBLE CUTOFF OF CONSUMERS POWER CO PERMITS  
FOR NEW HOMES BY LABOR DAY PLAGUING DET & MICH BUIDLING  
COMMUNITYP--KONZELMAN

JE 16,A-28-3 RACE

MICH CONSOLIDATED GAS CO AUTHORIZED TO ESTABLISH ~~BY~~ PRIORITY  
LIST TO USE FOR INDUSTRIAL GAS PRIORITIES--SANDNER

S 16,F-3-1

PERMITS FOR RESIDENTIAL GAS HEATING STILL AVAILABLVE  
FROM CONSUMERS POWER CO DESPIT FEARS SUPPLY WOULD BE EX  
HAUSTED B LABOR DAY--KONZELMAN

O 14,B-7-1 W

TRICOUNTY AREA GAS SUPPLY CRISIS LEFT BY UTILITY STRIKEOO  
MLECZKO

O 19,C-8-4 IDOT

SOUTHEASTERN MICH GAS CO N NOTIFIED COMMERCIAL & INDUSTRIA  
CUSTOMERS OF EXPECTED CUTBACKS IN PURCHASE CONTRCTS

F19,A-5-5

STATE CURBS OIL AND GAS LAND LEASES.

MR 27,A-1-3

MICHIGAN RESIDENTS PARTIALLY PROTECTED FROM NATIONAL  
GAS SHORTAGE--DOUGLAS

1972

**GAS: NATURAL: MICHIGAN**

AP 10, A-3-3

**KALKASKA--KALKASKA CO BEING FOUND MILLIONS OF DOLLARS WORTH OF POROUS CORAL GAS & OIL--DOUGLAS**

JL21, C-10-6

**MICHIGAN CONSOLIDATED GAS CO. SAYS ITS COURCES OF SUPPLY HAVE BEEN INCREASED SUFFICIENTLY TOM EET EXPECTED NORMAL GROWTH IN DEMAND FOR GAS BY RESIDENTIAL AND COMMERCIAL CUSTOMERS FOR THE NEXT YEAR**

S8, A-3-1

**22 STATE INDUSTRIES FACED WITH NATURAL GAS CUTBACKS---DOUGLAS**

S 14, D-11-6

**COMSUMERSPOWERCO.WARNS OF GAS SHORTAGE BECAUSE OF UNSETTLED GAS SUPPLY CONDITIONS**

---1973---

JA20, A-2-1

**CONSUMERS POWER CO., TO REFUSE GAS TO STORES AND SMALL INDUSTRIES WHICH APPLY IN NEW CUTBACK POLICY--DOUGLAS**

F1, A-3-1

**BUILDERS FIGHT GAS BAN FOR HOUSING---O'SHEA**

F1, A-3-3

**MICHIGAN CONSOLIDATED SAYS ITS GAS SUPPLY IS 'ADEQUATE'---DOUGLAS**

F4, G-1-1

**BUILDERS ASSOCIATION MEET TO MAP WAR AGAINST GAS CUTOFF**

—1973—

LANSING—ATTY. GEN. FRANK KELLEY URGED THAT MICHIGAN  
CONSOLIDATE GAS CO. BE ORDERED TO SELL GAS TO CONSUMERS  
POWER CO. F7, A-12-1

MICH. PUBLIC SERVICE COMM. ORDERS CONSUMERS POWER CO. TO<sup>TH</sup>  
EXTEND GAS PERMIT DEADLINE FOR BUILDERS TO APR 1—KONZELMAN  
F17, A-9-4

NOVI CITY COUNCIL OK'S BLDG. PERMIT FOR KAUFMAN AND BROAD  
HOMES DESPITE APR. 1 DEADLINE DATE—ROACH F28, B-1-6 N

LANSING—MICH. CONSOLIDATED GAS CO., ASKED PERMISSION FROM  
STATE TO SELL 10 BILLION CUBIC FT OF NATURAL GAS TO CONSU-  
MERS POWER CO.—SANDNER Ap20, A-14-3

LANSING—CONSUMERS POWER CO., BUYS 10 BILLION CUBIC FT  
OF NATURAL GAS FROM MICHIGAN CONDOLIDATED GAS CO., NOW  
READY TO TAKE NEW RESIDENTIAL GAS CUSTOMERS FOR FIRST TIME  
SINCE FEB. 2 MY30, A-10-1

LANS--OIL, GAS BD CRITICIZED; 2 LAWMAKERS UNHAPPY OVER  
PPAINTMENTS. My 31, C-7-5

3 COMPANIES SEEK NEW GAS SUPPLIES FOR MICHIGAN—JE4, D-5-2  
---LIST

INKSTER-PARKSIDE APTS. GAS SHUTOFF, WAS THREATENED BY STRIKES-ASHENFELTER  
JF 29, B-1-1 W

GRAIN OPERATORS FEAR FUEL SHORTAGE. BRADFORD. AG 28, A-11-6  
JL 17, A-9-4  
JACKSON-CONSUMERS POWER CO. NOTIFIED SEASONAL CUSTOMERS IT MAY  
HAVE TO SHUT OFF NATURAL GAS SUPPLY FOR 6 MONTHS

S 1, A-5-1 E  
GAS CUTOFF TRIMS BUSINESS OF RICHMOND FARMERS' ELEVATOR-  
BROGAN S 4, A-16-1  
CHESTERFIELD TWP'S CRUSADERS WHO'VE BEEN TURNING OFF GAS-  
LIGHTS FOR ECOLOGY'S SAKE, ~~BE~~ NABBED BY STATE POLICE

S 9, B-11-1  
CONSUMERS POWER ASKING MICH. PSC'S APPROVAL OF ENERGY  
CONSERVATION PROGRAM KEYED TO BETTER HOME INSULATION

S 13, A-7-4  
LEAKING GAS FROM STORAGE TANK AT BROMINE DIVISION OF DRUG  
RESEARCH CO. IN ADRIAN FORCES EVACUATION OF 1000 YESTERDAY

N 29, B-2-1  
~~CONSUMERS POWER CO. SPOKESMAN REPORTS FIGURE MORE THAN~~  
~~DOUBLE FOR OCT~~

---1973--

N 29, B-2-1

CONSUMERS POWER CO. SPOKESMAN REPORTS NUMBER OF HOMES CONVERTING FROM OIL & COAL TO NATURAL GAS LAST MONTH MORE THAN DOUBLED OCT 1972 FIGURE-BATCHELOR JR. N 29, B-23-1

HUD MIGHT HAVE TO INSTALL NEW COAL FURNACE IN 8-YR. OLD PT. HURON HOME IT TOOK 3 YRS. TO REHABILITATE, NOW THAT NO GAS AVAILABLE FOR GAS FURNACE FROM S' EASTERN MICH. GAS CO.,-BALL D6, D-12-1

BATTLE CREEK REACTS TO FUEL CRISIS WITH EMERGENCY COMMSN. OF ENERGY ALLOCATION, WITH REPS FROM NEARLY EVERY PART OF COMMUNITY-GRAHAM D 7, A-14-1 RACE

BATTLE CREEK-9 MAJOR INDUSTRIES & VETERANS HOSP. HERE TOLD TO LIMIT GAS USE DUE TO 34% SUPPLY CUT FOR BATTLE CREEK GAS Co. D 13, B-10-1 W

WAYNE CO. OFFICIALS MAY APPEAL TO LANSING FOR GAS PERMIT AT AGRICULTURAL RESEARCH CENTER IN CITY OF WAYNE D 13, A-3-1

MICH. CONSOLIDATED GAS CO. STORED GAS SUPPLY TO FULFILL WAYNE CO. NEEDS-TRELOAR

GAS: NATURAL: MICHIGAN

1974

JA 8, A-3-4 RACE

HARPER WOODS SEEKING 5 CITIZENS WHO'LL TURN OFF OUTSIDE  
GAS LIGHTS SOX ITS ETERNAL FLAME CAN CONTINUE BURNING

JA 9, A-3-3

HARPER WOODS' MEMORIAL PK. ETERNAL FLAME BURNS AS 5 RESID  
DENTS VOLUNTEER TO SHUT OFF GAS LAMPS

JA 27, A-1-1

MICH.FIRMS TO BID MR 30 VS. TEXAS FIRM FOR BADLY-NEEDED  
ALASKAN NATURAL GAS-HANSEN

MR 4, A-6-5

MICH.CUSTOMERS OF MICH.-WISCONSIN PIPELINE CO. UNAFFECT BY PIPE-  
LINE EXPLOSION MR 3 IN LA. THAT REDUCED FLOW FROM GULF COAST

MR 21, A-17-3

CONSORTIUM OF 27 GAS PRODUCERS INC. MICH. CONSOLIDATED & CONSUM-  
ER'S POWER ASKS CANADIAN GOV'T FOR PERMISSION TO BUILD SPUR  
PIPELINES FROM ALASKAN GAS FIELDS-HANSEN

AP 1, B-1-1 W

LIVONIA-OFFICIALS SEEKING SWITCH FROM CONSUMERS POWER CO.-ASH-  
ENFELTER

AP 11, B-2-1D

CITY OF LIVONIA REQUESTS PERMISSION TO SWITCH GAS  
SUPPLIERS. ASHENFELTER.

--1974--

MY 17, C-2-5

PSC CHMN. WM. ROSENBERG CITES 5% REDUCTION IN NATURAL GAS CONSUMPTION WITH INSULATION OF 50,000 MICH. HOMES

MY 24, C-9-6

CONSUMERS POWER CO. ADDS 4500 NEW SMALL COMMERCIAL & INDUSTRIAL CUSTOMERS TO SYSTEM--HANSEN

JE 5, A-16-1

ATTY. GEN. KELLEY WANTS STATE PROBE BEFORE PERMITTING AMOCO PRODUCTIONS CO. TO REOPEN WILLIAMSBURGH GAS WELLS--JE 11, A-10-1

CONSUMERS POWER'S 2 MAIN SUPPLIERS GET MORE GAS--HANSEN

JL 4, F-5-5 MO

CONSUMERS POWER CO. TRYING TO BUY LOUISIANA GAS WELLS--HANSEN

AG 14, G-12-1

ST. IGNACE--CITY RECEIVED NATURAL GAS SERVICE IN AREA

AG 27, A-3-1

LANSING--GAS CUSTOMERS OF CONSUMERS POWER CO. TO GET NATURAL GAS WORTHU 1974-75 HEATING SEASON FROM MICH. CONSOLIDATED GAS--

N 19, D-6-1

SCHUSTER

LANSING--MICH. PUBLIC SERV. COMMSN. INTRO. CASH-  
SAVING PLAN THAT COULD REDUCE USERS BY 20% NEXT WINTER--SENX

SCHUSTER

1974

GAS - NATURAL - MICHIGAN

D 4, A-16-1

LANSING-22 OIL WELL IN LAPEER & GENESEE COUNTIES ORDERED SHUT,  
ARE WASTING NATURAL GAS WHICH IS PRODUCED WITH OIL

D 7, B-11-7 MO

LANSING-MICH. GAS PRODUCTION UP 40%, IN RECORD OUTPUT

--1975-- F11, B-8-7

WASTING OF NATURAL GAS ON DECORATIVE TORCHES. DOUGLAS.

F 22, A-1-1

FED. POWER COMMSN. INVESTIGATES MICH. WISCONSIN PIPELINE CO. & MICH.  
CONSOLIDATED GAS CO. & TRUNK LINE GAS CO., HAD HELD BACK NATURAL GAS  
-HANSEN

F 23, A-13-5

FBC ORDERS 12 INTERSTATE PIPELINE COS. TO EXPLAIN WHY SOME  
GULF OF MEXICO WELLS NOT IN PRODUCTION AT END OF '73

F 26, A-2-1

MICH. WIS. PIPELINE CO. DENIED WITHHOLDING GAS TO SUPPLIER, MICH.  
CONSOLIDATED GAS CO.

MR 13, A-1-4

COMMSNR. WM. R. RALLS SAID PLANNED NATURAL GAS CURBS CALLED AS  
ECONOMIC THREAT TO MICH. SUPPLIED TO CONSUMERS POWER CO. - PAYNE

---1975---

Mr 15, A-9-1

CONSUMERS POWER CO. MINIMIZES THREAT OF GAS SHORTAGE BY REASSURING CUSTOMERS - WILL COX

Mr 21, A-7-3

CONSUMERS POWER CO. DECISION TO STOP ISSUING NEW GAS PERMITS AFTER APR 30, UNLESS IT LOCATES NEW GAS SUPPLIES - WILL COX

AP 25, A-6-4

LANSING - CONSUMERS POWER FACING CURTAILMENT OF NATURAL GAS SUPPLIES, AUTHORIZED TO BUY 20 BILLION CUBIC FEET OF GAS FROM MICH. CONSOLIDATED GAS

MY 15, A-10-1

FED GOVT. HAS ORDERS CONSUMERS POWER CO. TO CUT OFF NATURAL GAS SERVICE TO SOME OF ITS LARGEST INDUSTRIAL CUSTOMERS.

MY 20, B-1-2E

JUDGE GEORGE DENEWETH, ENJOINED MICH. WISCONSIN PIPE LINE CO FROM CONTINUING CONSTRUCTION OF COMPRESSOR STATION. SHABATH

MY 20, B-1-3W

LIVONIA - CITY HAS RUSH ON BUILDING PERMITS BECAUSE CONSUMERS POWER CO. NOT GRANTING ANY NEW SERVICE TO COMMERCIAL. USERS - WARREN

MY 25, B-4-1

SHORTAGE OF NATURAL GAS MAY COST MICHIGAN JOBS. AND INDUSTRY

WILL COX

1975

**GAS - NATURAL - MICHIGAN**

**JE 19, B-7-5**

**PETROCHEMICAL FIRMS ASKED FEA TO CUT OFF SUPPLIES OF PETRO-  
LEUM FEEDSTOCKS TO CONSUMERS POWER CO. MARYSVILLE PLANT-WILLCOX**

**JL 13, A-17-1**

**MICH. NATURAL GAS FIRMS DOUBT SHORTAGE OF FUEL THIS  
WINTER IN MICH. WILLCOX.**

**Ag 8, A-9-1**

**ALASKA FUEL VITAL TO MICH, SPOKESMAN WARNS OF HIGH COST-  
WILLCOX**

**Ag 26, B-3-4**

**JOHN W DUANE EXPECTS RETURN TO COAL AS NATURAL GAS SHRTG  
WORSENS**

**Ag 31, C-2-1**

**LANS-MICH SETS RECORD OIL & NATURAL GAS PRODUCTION RECORD**

**S 20, B-7-7**

**TRAVESSE CITY-COMMISSIONERS FROM 10 COUNTIES WANT TO REOPEN  
THAT WILLIAMSBURG GAS WELL THAT WAS SEALED AFTER SOME  
ERUPTIONS IN 1973**

**O 3, D-8-1**

**DK DAVIS WARNS MICH INDUSTRY OF NATURAL GAS SHORTAGE IF  
CONGRESSIONAL BILLS BECOME LAW-PIPP**

-1975-

0 6, B-2-3

DK DAVIS SAYS MICH INDUSTRY FACES WINTER ENERGY SHORTAGE  
IF CONGRESS PASSES ENERGY BILLS

0 9, C-14-4

LANS-DEMLOW WARNS FED LAWS MAY THREATEN MICH ADVANTAGE

0 18, A-14-4

LANS-FED AMENDMENT DRAFTED TO PROTECT STATE FROM CUTOFF OF

CANADIAN GAS TO MICH

D13, A-11-1

GAS PRODUCTION SOARING IN STATE TO TOP 1939 RECORD LEVEL

--1976----F21, A-3-1

LANSING- CONSUMER POWER INVESTING \$2.7MILLION OF CUSTOM  
ERS MONEY TO SUBSIDIZE GAS EXPLORATION VENTURE.

MY 27, B-1-2 W

FIGHT FOR GAS CONTS. AS LIVONIA DENIED UTILITY INJUNCTION BY  
CONSUMERS POWER CO.-WARREN

JE1, A-8-3

LES ASPIN SAYS MICHIGAN WISCONSIN PIPELINE CO. TO  
REDUCE GAS SUPPLIES BY 4.7% TO MICH. CUSTOMERS

MICH. CONSOLIDATED GAS INVESTIGATE ODOR IN SOUTHWESTERN WAYNE CO., WHICH  
 PROMPTED CLOSING OF ELEMENTARY SCHOOL, AT HUNTER ELEMENTARY  
 S 16, A-12-3  
 02, B21-3

US FINANCING EFFORTS TO EXTRACT MICHIGAN OIL  
 N 17, A-8-3

SMELL OF GAS ON EAST SIDE NO DANGER; TOO MUCH CHEMICAL  
 N 30, B-2-1 D  
 ADDED FOR ODOR  
 LANS-THUMB AREA GAS SUPPLY ASSURED; PSC OKS SALE  
 D 14, D-9-5

LANS-HEARINGS SET ON SAVING NATURAL GAS

DC-FEA ORDERED 2 EMERGENCY MEASURES TO INSURE HEATING FUEL  
 FOR MIDWEST-PETERSON  
 -1977-  
 JA 24, A-4-2

MICHIGAN'S HEATING GAS SUPPLY SHOULD BE ADEQUATE.  
 BULGIER.  
 JA 28, A-1-2

GOV. MILLIKEN ASSURED RESIDENTS THERE WAS ADEQUATE  
 SUPPLY OF NATURAL GAS TO HEAT STATE HOMES & BUSINESSES.  
 JA 30, A-9-1

---1977---JA 31, A-1-2

HOME GAS SUPPLY TO WORSEN SAYS PRES CARTER.

F1, B-1-4STATE

BOBBY CRIM WANTS MICH GAS SHARING WITH OTHER STATES TIED  
TO CANCELLATION OF MICH. UNEMPLOYMENT COMP. DEBT.

F2, B-6-1

MORE EFFICIENT USE CALLED KEY TO MICHIGAN CONSERVATION

EDIT

F2, A-1-2

DISCUSSION OF HOW NATURAL GAS FORMED MILLIONS

OF YEARS AGO-THEISEN

F2, A-3-3

GOV. MILLIKEN REQUESTS ALL HOMEOWNERS TO DIAL DOWN  
TO 65 DURING DAY. 60 AT NIGHT.

F3, B-6-1

DECISION OF FPC TO SUPPORT GAS PIPELINE PLAN OF

ARCTIC GAS STUDY GROUP BENEFICIAL TO STATE

F3, A-9-1

EDIT

MILLIKEN DEPT. STORE IN TRAVERSE CITY TO CUT HOURS  
-CAIN

F3, A-9-1

FARMER JACK CUTTING STORE HOURS DUE TO COLD

GAS: NATURAL: MICHIGAN

F3,D13-1

1977

GM PLANTS SWITCH TO OIL AS GAS SAVING MEASURE. IRVIN

F 5, A-1-1

CLYDE OHIO-DIFFERENCE BETWEEN FUEL SHORT OHIO CITY & NEAR-  
BY MICH CITY OF TEBUMSEH WITH ADEQUATE FUEL

F 5, A-9-1

BIG 3 AUTO MAKERS DIAL DOWN TO 65; STORES ALSO

FOOD STORES URGED TO CUT HOURS

F 10, A-6-3

F28, A-6-1

HEARINGS SET ON INSULATION PLAN FOR ALL MICH. HOMES.

MR2, B-4-5D

MICH UTILITIES WANT TO MAKE SURE GAS SAVED BY INSULAT  
ION PLANS FOR MICH, IBN'T DIVERTED TO OTHER STATES.

JE 24 A-3-5

PLEANTY ASSURED FOR MICH FOR WINTER JE 27, B-1-1 E

MORE HEATING GAS MAY SPUR MACOMB, STCLAIR GROWTH

JL 6, B-2-2 W

500 PLYMOUTH TWP. RESIDENTS FORCED TO LEAVE HOMES WHEN CONSTRUCTION WORKER PUNCTURED NATURAL GAS SUPPLY LINE

---1977---

S 27, A-3-5

WASH-MICH. NATURAL GAS SUPPLIES TO BE DOWN 8.3% WITH CUR-  
TAILMENT INCREASING

N 17, D-7-4

CONSUMERS POWER CO. OFFICIAL, JAMES W. COOK, PREDICTS AMPLE GAS  
SUPPLY FOR WINTER

D 2, B-1-5 E

WASH. TWP-RESIDENTS HAVE HEAT RESTORED AT SOUTHEASTERN MICH. GAS  
CO., OIL SEEPED INTO NATURAL GAS LINES-DOWDY

B 13, B-5-3 1 DOT

LAFAYETTE LA-FIRE ON OFFSHORE RIG WONT HALT FLOW OF GAS TO  
MICHIGAN SAYS MICH WISCONSIN PIPELINE CO

---1978---

JA 2, B-2-5

LANS-MICH. SETS NEW STATE OIL & GAS PRODUCTION RECORDS

-1979-

F 20, B-2-3 AM

UTILITIES WARN OF POSSIBLE GASLINE LEAKS, EXPLOSIONS  
LINKED TO DEEPENING FROST LEVELS

MR 3, A-5-1

STATE OIL, NATURAL GAS OUTPUT DOUBLES

MR 7, B-2-1 ST

LANS-LAW AGAINST PILOTS ON GAS APPLIANCES TO TAKE EFFECT  
JUNE 1

AP 6, B-4-2 N

S. LYON-110 FAMILIES WITHOUT NATURAL GAS HEAT IN HOMES, AFTER  
GAS LINE BROKEN BY ELECTRA CONTRACTING CO.

**LANS-COMMISSION HAS DELAYED AUCTION OF OIL & NATURAL GAS  
LEASES ON NORTHERN MICH LAND.**

**AP 9, B-41-W**

**LANS-STATE BOASTS ADEQUATE SUPPLY**

**MY 11, B-5-1 ST**

**2 DEPLETED NATURAL GAS FIELDS NEAR KALKASKA TO BE CONVERTED  
TO STORE GAS.**

**JL 26, B-8-1W**

**2 DEPLETED NATURAL GAS FIELDS NEAR~~XXXXXXXX~~KALMASKA TO BE CON-  
VERTED TO STORE GAS**

**JL 30, B-2-1 E**

**D 31, B-8-3**

**LANS-HEAVIER TAX LEVIED ON STATE GAS, OIL WELLS**

**-1980-**

**LANS-MICH CON GAS CO SEEKS \$62.6 MILLION A YR RATE HIKE.**

**JA 8, B-2-1D**

**JA 20, E-5-1**

**PROSPECTS FOR SUBSTANTIAL SUPPLIES LOOK BRIGHT-MYERS**

**M R 26, C-2-3**

**BENEDICTINE SISTERS DRILL FOR GAS, FIND ENOUGH TO HEAT  
PENN CONVENT FOR 20YRS**

-1980-

JE 22, A-7-1

LANS-SHELL OIL CO ORDERED TO CLOSE MANISTEE-AREA NATURAL GAS PLANT. FOULED AAR.

O 12, B-2-2

LANS-NATURAL GAS ROYALTIES TO MICH HAVE BEEN INCREASED.

O 26, B-11-1W

LAKECITY-FOLKS BELIEVE THEY'RE SITTING ON TOP OF NEW POOL OF OIL OR NATURAL GAS.

D 21, C-10-6

**;MASON-PETROTECH INC FINDS BIG GAS RESERVOIR**

-1981-

JA 2, A-10-1

**EUREKA-MAYBE OVER MICH GAS DISCOVERIES-EDIT**

JA 11, B-1-5

LANS-DART OIL & GAS SET TO REVEAL WHAT IT HAS FOUND IN NEW

DEEP WELL IN MISSAUKEE CO-BRODER

F 13, B-2-1 D

NO PCB IN STATE GAS LINES

MR 9, A-3-4 AM

DART OIL FINDING DRILLING SUCCESS

S 21, A-3-1

DART ENERGY CORP HAS YET TO PUMP GAS FROM MISSAUKEE CO WELL

FOR SUBSEQUENT STORIES SEE: GAS:MICHIGAN  
GAS : NATURAL : MICHIGAN

1981

LANS-STATE OIL LEASE AUCTION NETS \$7MILLION N 12, B-19-1 E  
-1982- JA 20, B-5-1 D

NORTHVILLE-RESIDENTS FLEE LEAK AP 29, B-8-2 W  
TRAVERSE CITY-DEPOSIT DISCOVERED IN OTSEGO CO

MARQUETTE-STATE SETS 4TH HEARING ON DRILLING LEASES AG14, X B-20-1  
-1983- JE 9, E-1-6E

MACOMB Co PRODUCES 2.7 BILLION CUBIC FT OF NATURAL GAS EA Y  
-1984- JA 2, A-3-2

SUPPLY PLENTIFUL DESPITE COLD SNAP-DOWDY F 15, G-1-44DOT  
CALLON PETROLEUM Co ANNOUNCED DISCOVERY OF WELL IN GRAND  
TRAVERSE COUNTY

--1984--

Ag 30, D-1-2N

ORION TWP RESIDENTS CONCERNED ABOUT PLAN TO BUILD  
SWEETENING PLANT IN THEIR COMMUNITY-ROACH

--1986--

Jl 18, B-4-1 1dot

BAY CITY-Bay City families flee gas leak.

-1987-

Ja 17, B-6-1 X

Lans-Battle looms over application to explore in Nordhouse  
Dunes nr Ludington

S 11, B 3-1

4 block area in Oak Park evacuated while crew fixed gas  
line ruptured during road repairs X

STOP

S 26, 1-3

KANSAS CITY-DR. GRAHAM ASHER FINDS NATURAL GAS POCKET IN BACK YARD; HAS IT CONNECTED TO HEAT HOUSE

D 22, 4-1

ST. JO-BRAKE IN GAS LINE CUTS OFF GAS SUPPLY TO MOST OF CITY

-----1954-----

JA 22, 6-3

GAS SHORTAGE CHILLS HOMES IN ABOVE

---1960---

JA 22, A-4-3

SPRINGFIELD-DITCH DIGGER SEVERS GAS LINE TO THIS TOWN JA 23, B-8-3

SPRINGFIELD-80% WITHOUT HEAT AS GAS LINE BREAKS IN 10 DEGREE TEMP.

O 24, A-3-4

KANSAS CITY-30-INCH GASLINE BROKE IN PARK, 34 BLOCKS EVACUATED

---1963---

JA 29, A-11-2

SEDALIA-2 BREAKS IN 12 INCH PIPELINE CUT OFF NATURAL GAS SERVICE TO HOMES FOR 24 HRS IN DEAD COLD WEATHER TO SEDALIA & LAMONTE JA 27

GAS : NATURAL : MONTANA

1952

F 3, 4-9-8

PRES. IRUMAN SIGNS PERMIT AUTHORIZING IMPORT OF GAS FROM CANADA

1978

**GAS - NATURAL - NEW JERSEY**

**AG 14, A-3-3**

**WHITEPLAINS, NY-TEXACO, INC. REPORTS THAT NATURAL GAS FOUND IN  
BALTIMORE CANYON OF ATLANTIC OCEAN OFF ATLANTIC CITY, NJ**

**AG 15, A-5-6 2DOT**

**NY-ATLANTIC OCEAN NATURAL GAS DISCOVERY GIVES NEW HOPE FOR  
FURTHER FINDS**

1966

GAS - NATURAL - NEW MEXICO

MY 6, C-14-5

WASH-A-TEST TO FREE GAS DEPOSIT IS PLANNED

--1974--

MY 5, B-10-1

A-BLASTS FREE NATURAL GAS NR. JICARILLA APACHE INDIAN RESERVA-  
TION D10-HANSEN

GAS : NATURAL : NEW YORK

1941

CAMERON HILLS-GAS GUSHER COMES IN ON PROPERTY OF TINY BAPTIST CONGREGATION  
Form 1656 O 16, 1-2  
---1949--- AG 22, 6-1  
NY GETS FIRST NAT GAS FR TEXAS & LOUISIANA TODAY

---1954--- D 1, 10-5  
WATERTOWN-ANDY MUSKA DIGGING HOLE FOR 13 YEARS, WHICH IS NOW 860 FEET  
DEEP, SEEKING ABOVE; HAVN'T FOUND IT YET D 13, 38-5  
NYC-CONSOLIDATED EDISON CO. HERE TO PUT MORE SMELL INTO GAS TO MAKE  
ITS DEDICATION IN LEAK MORE NOTICEABLE

---1957--- D 12, 8-5 5\*  
MAYVILLE-700 FAMILIES WITHOUT HEAT WHEN GAS MAIN BREAKS

-1980- MY 4, C-17-8  
ABBANY-STATE PLANS TO GET GAS FROM SEAWEED THAT FEEDS ON  
NYC POLLUTION

-1983- S 29, A-4-1  
NY-RESIDENTIAL USE OF GAS DROPPED 15% IN 5 YRS, ANOTHER 15%  
DROP EXPECTED BY 1990

GAS : NATURAL : NORWAY

1986

Je 9, A-18-1

Norway to the Rescue-Edit

Form 1656

NEW FIELD NR LANCASTER BOOMING

AP 27, 23-1

GREAT LAKES SPELL DOOM OF GAS WELLS IN NORTHEASTERN OHIO

D 12, 48-7-CITY

---1937---

AP 11, 4-16-3

LANCASTER; GAS WELLS PAY CITY'S GOVERNMENTAL COSTS MY 1, 1-5  
AKRON-JULIA E LEATHERS'S INCOME RISES TO \$2,000 A DAY FROM GAS WELL

JE 20, 1-3-1

FRANK FISHER SAYS GAS UNDER LAKE ERIE AMPLE TO SUPPLY CLEVELAND-SLUX

S 18, 2-1

HALF MILLION GAS CONSUMERS FILE \$42,000,000 DAMAGE SUIT VS COLUMBIA  
GAS & ELECTRIC CORP., CHARGE ADULTERATION

---1938---

MR 29, 25-6

15 COMPANIES &amp; OFFICIALS INDICTED, CHARGED WITH DILUTING GAS

AP 5, 2-5-BLST

GAS OFFICIALS DENY CHARGES OF FUEL ADULTERATION

---1939---

MY 17, 4-8

GAS FIELD UNDER DEVELOPMENT NR CLEVELAND

---1942---

D 8, 18-1

CLEVELAND ASKS DETROIT FOR SURPLUS GAS

---1943---

F 7, 4-14-1

CHARGES OF FRAUD DISMISSED AFTER 5 YEARS

--1944--

F 14, 1-5  
F 15, 2-5

SHORTAGE CLOSES WAR PLANTS

F 16, 2-6 BSA

MR 9, 4-4BS

F 2, 1-8

D 29, 1-2 BS 2

F 3, 2-5

JA 13, 4-14-2-2

MY 19, 22/8 5\*

F 6, 20-8

O 17, B-7-7 FIN 5

--1960--

SHORTAGE STILL ON BECAUSE OF COLD WEATHER.

OHIO FUEL GAS CO. REMOVES RESTRICTIONS

CURTAILED IN INDUSTRIAL PLANTS SO THAT DOMESTIC CONSUMERS WILL HAVE ENOUGH

BECAUSE OF SHORTAGE IN OHIO, THE MICH. CONSOLIDATED GAS CO. CUTS DELIVERIES IN ONE HUNDRED LARGE DETROIT INDUSTRIES-

---1947---

---1951---

---1952---

---1953---

---1959---

NAT GAS FOR INDUS CONSUMPTION ORDERED CUT OFF BECAUSE OF COLD WAVE-E. LIVERPOOL-

TOLEDO-1,000 DRIVEN FROM HOMES BY SHORTAGE OF HEATING GAS

REPORT LARGE GAS STRIKE IN OHIO W. VA. AREA

OHIO UTILITIES COMMISSION ORDERS OHIO FUEL GAS CO. TO FURNISH GAS TO OHIO ON EQUAL BASIS WITH OTHER STATES

COLUMBUS, OHIO-OHIO FUEL GAS CO. SAYS A 200 TO 1 SHOT DRILLING VENTURE HAS PAID OFF WITH A NATURAL GAS DISCOVERY

TOLEDO-PANHANDLE EASTERN PIPE LINE CO. FAILS TO WIN LIMITED FRANCHISE TO SELL NATURAL GAS TO TOLEDO INDUSTRY

GAS - NATURAL - OHIO

1960

TOLEDO-CITY COUNCIL GRANTS PANHANDLE EASTERN PIPE LINE CO. LIMITED  
FRANCHISE TO SELL NATURAL GAS TO TOLEDO INDUSTRY

0 25, B-13-5

--1969--

D 4, C-23-3 1DO

NEWYORK-NATIONAL INDUSTRIES INC. HOPEFUL FOR OHIO NATURAL GAS  
WELL---

---1972--- F17, A-16-1FIN

OHIO CURBS NATURAL GAS COMPANIES.

AP 2, E-8-4

GMC HAD TO GO NOX FURTHER THAN OWN BACK YARD TO SOLVE NATL  
GAS SHORTAGE FORCING SHUTDOWN AT NOX LORDSTOWN ATUO PLANT

-19-77-

JA 24, A-4-3 2DOT

DAYTON-CITY TRIES TO REOPEN SCHOOLS AMID CRISIS

JA 24, A-4-2 2DOT

NATURAL GAS EMERGENCY AS COLD PERSISTS

JA 27, A-14-4

WADSWORTH-FARMER JOSEPH J SMITH SITS ON GAS WELL WAITING  
FOR BETTER OFFER

JA 30, A-1-4

WINTER CRISIS WITH FUEL SHORTAGES STAGGERS  
OHIO RESIDENTS LIKE DARRYL ODAYE FAMILY. MLECKZO

-1977-

F 5, A-1-1

CLYDE-OHIO-DIFFERENCE BETWEEN FUEL-SHORT OHIO CITY &  
NEARBY MICH CITY OF TECUMSEH WITH ADEQUATE SUPPLY

F 10, C-11-1

OTTAWA-OHIO MAY GET MORE FUEL FROM CANADA

F27, A-3-2

DISCUSSION OF HUGE UNTAPPED RESERVOIR OF NATURAL  
GAS BENEATH LAKE ERIE.-PETERSON

Mr 7, B-1-1 D

COLUMBUS-SCHOOLS SHUT FOR MONTH FOR LACK OF GAS TO REOPEN

Mr 23, B-5-1 1DOT

JACKSON-CONSUMERS POWER ENDS GAS SHARING WITH OHIO

---1978---

JA 2, B-2-1

COLUMBUS, O.-WM.E.SHAFFER, GEOLOGIST, SAYS DRILLING FOR GAS UN-  
DER LAKE ERIE NO HAZARD TO ENVIRONMENT

1937

GAS : NATURAL : OKLAHOMA

Form 1656

MY 2, 1-14-6

ALVA-CLARENCE ANNIS, FARMER, PUMPS WATER & GAS FROM ONE WELL

---1939---

N 4, 2-7

CHELSEA-GAS SUPPLY CUT OFF DURING DISPUTE OVER DISTRIBUTION

---1941---

S 25, 16-4 NITE

SKIATOOK-SUPPLY DEPLETED, SERVICE TO STOP OCT. 1

---1943---

JE 2, 34-4 BS

OHIO OIL Co. WELL CAPPED AFTER BLOWING FOR 2 MONTHS

Form 1656

FIRST USED IN LIGHTHOUSE AT ERIE, PA. IN 1831

MR 11, 1-3-4 2\*

DR GEO H AASHLEY SAYS PENNSYLVANIA'S NATURAL GAS SUPPLY WILL BE EXHAUSTED IN 100 YEARS

MR 15, 43-6

---1937---

D 19, 1-4-4 3\*

PHIL-NAT GAS IN YARD OF FRANCIS DONNELLY HEATS HOME

---1941---

N 12, 1-2

BROOKVILLE-GAS POCKET HIT BY CREW 4 FT. UNDER SOIL TURNS OUT TO BE 8-IN GAS PIPE

---1947---

F 12, 1-1 FINAL

PITTSBURGH-LINE BREAK OF PEOPLES GAS CO. SHUTS 150 PLANTS

---1948---

JA 26, 2-4 BS 2

PITTS-NATURAL GAS TO INDUS. USERS CUT OFF IN COLD WAVE - GAS RESTORED TO PITTSBURGH PLANTS

-F 4, 1-5 BS 2

F 5, 9-2

PITTSBURGH-PEOPLES NATURAL GAS CO. PUSHES HUNT FOR GAS

-----1967-----

N 14, D-10-3

PHILA-STATE-OWNED VENEZUELAN PETROLEUM CORP. TALKING WITH CITY FOR GAS WORKS FOR SUPPLY OF NAT. GAS FOR VEN.

JL 27, A-18-1 1Dot

HOMER CITY, PA---U.S. INTERIOR DEPT. AND AMER. GAS ASSOC.

BROKE GROUND FOR \$18 MILLION PILOT PLANT TO TEST NEW PROCESSES FOR CONVERTING COAL INTO CLEAN PIPELINE-QUALITY GAS

GAS: NATURAL: PIPELINES

--SEE--

GAS: PIPELINES

GAS : NATURAL : PRIORITIES

1951

N 2, 45-1 RS 2

PETROLEUM ADMIN.FOR DEFENSE DECIDES VS PRIORITY SYSTEM FOR NATURAL  
GAS FOR ESSENTIAL INDUSTRIES

GAS:

NATURAL:

PRODUCTION:

MICHIGAN

1938

Form 1656

JL 6,25-8

MAY OUTPUT PUT AT \$1,852,816

GAS: NATURAL: RATES

SEE

GAS: RATES

1966

GAS - NATURAL - RESERVES

MR 29, -6-8

WASH-AT RECORD LEVELS

MOSCOW-DRESSER INDUSTRIES, INC. GETS \$6,000,000 ORDER FOR CONSTRUCTION  
GAS STORAGE FACILITY  
RUSSIA REPORTS 25.5% INCREASE IN NAT GAS PROD. OVER 1946-  
JE 5, 57-4  
O 26, 25-8

## GAS REPORTED IN URALS

LONDON-BRITAIN MAY SELL GAS TO RUSSIA  
BONN-SOVIETS PLANNING TO EXPORT NATURAL GAS TO WESTERN EUROPE IN LARGE  
VOLUME TO CUT INTO MID EAST PETROLEUM SHIPMENTS TO EUROPE  
MOSCOW-NATURAL GAS DEPOSITS DISCOVERED IN SIBERIA  
---1948---  
---1966---  
---1967---  
MY 25, C-22-7  
JL 9, A-5-1  
JL 11, A-3-3

BONN-SOVIET & W. GERMAN NEGOTIATORS NEARING AGREEMENT ON GAS DEAL-MONROE  
JR.  
---1974---  
D 3, B-6-1  
JA 7, A-1-1

WASH-US CONGRESS IRKED BY USEXPORT-IMPORT BANK'S PLANNED  
\$49 MILL. LOAN TO USSR FOR DEVELOPMENT OF NATURAL GAS FIELD  
IN SIBERIA  
JA 14, A-4-6

5 DEM. CONGRESSMEN WARN US EXPORT-IMPORT BANK OF DANGER TO  
ITS FUTURE IT IS CONSIDERING \$49 MILL. LOAN TO USSR FOR  
NATURAL GAS DEVELOPMENT  
KEEPS  
AP 4, A-25-1

USSR TO MASS PRODUCE AUTOS POWERED BY NATURAL GAS, IN ABUN-  
DANCE THERE

--1974--

Ag 18, A-1-3

TEHRAN, IRAN-OFFICIALS SAY SOVIETS AGREE TO NEARLY DOUBLE  
PRICE IT PAYS IRAN FOR GAS

0 21, A-7-1 RACE

GAS TAPPED FROM SIBERIAN RESERVES TO FLOW INTO MOSCOW WITH-  
IN 3WKS.

---1978---

Ag 14, A-4-1

WASH-NATURAL GAS EXPORTS TO BECOME SOVIETS MAIN TRADE COMMO-  
DITY

-1981-

0 2, A-20-1AM

DC-3 AMER OIL FIRMS & OTHERS ON DEAL TO BRING RUSSIAN NATUR  
AL GAS TO W. EUR.

-1983-

N 24, F-1-3

POMARY, USSR-SIBERIAN PIPELINE EXPECTED TO START GAS DELIVER  
IES IN JAN.

-1986-

0 29, A-9-6

Moscow-Soviets cars fill up with natural gas

GAS: NATURAL: SALES: MICHIGAN

1952

JE 20, 39-3 NITE

J.ED.#ARREN,DEPUTY DEFENSE PTROLEUM ADM.CALLS MEETING OF MICH.PUBLIC  
UTILITY OFFICIALS ON GAS BAN PARLEY

-1983-

AP11, B-4-1 D

LANS-SALES TO COMMERCIAL CUSTOMERS DECLINES

1967

GAS : NATURAL : SALE

JL 9, A-5-1

BONN-SOVIETS PLANNING TO EXPORT NATURAL GAS TO WESTERN EUROPE IN LARGE ENOUGH VOLUME TO CUT INTO MIDDLE EAST PETROLEUM SHIPMENTS TO EUROPE

O 17, B-3-4

NEW ORLEANS-SHELL OIL CO. HAS NEW SALES CONTRACT CALLING FOR DELIVERY OF 400 BILLION CUBIC FT. OF ABOVE TO MICH-WIS. PIPELINE CO. OVER 20-YR PERIOD

---1973---

JAN 2, C-14-7

WASH---AMERICAN GAS ASSOCIATION REPORTED RECORD SALES

GAS : NATURAL : SOUTH DAKOTA

1948

MINOT-GEO.ADAMS DIGGING FOR WATER HITS GAS AT 297 FEET N 18, 32-2

GAS: NATURAL: SPAIN

1973

BARCELONA, SPAIN—NATURAL GAS EXPLOSIONS HAVE TAKEN 33 LIVES AND INJURED MORE THAN 100 PERSONS WITHIN PAST YEAR

F4, A-8-1 HOME

1957

**GAS - NATURAL - STORAGE - MICHIGAN**

AP 4, 11-2

**CONSUMERS POWER SEEKS EXPANSION UNDERGROUND STORAGE FIELDS**

AP 25, 19-3

**BILL PASSED TO EXPAND STORAGE FIELDS**

-1975-

N 13, G-3-1

**LANS-CT OK'S STORAGE FACILITY IN NE MACOMB CO**

GAS: NATURAL : STORAGE

1967

~~JA 8, KB 4-1~~

NY-PROPOSED STORAGE OF NATURAL GAS IN UNDERGROUND CAVES HOL  
LOWED OUT BY NUCLEAR EXPLOSIONS

F 15, A-17-1

WASH-AEC IS STUDYING FEASIBILITY OF USING NUCLEAR EXPLOSION  
TO CREATE UNDERGROUND GAS STORAGE AREAS

S 6, B-4-4

U.S. NEW STUDY "KETCH" URGES USE OF SMALL VERSIONS OF HYDRO-  
GEN BOMB TO CREATE RADIOCATIVELY CLEAN UNDERGROUND STORAGE  
RESERVOIRS FOR NATURAL GAS

GAS: NATURAL: SUBSTITUTES

1953

0 28, 54-6

ST. LOUIS-E.S. PETTY JOHN, OFFICIAL OF INST. OF GAS TECHNOLOGY, SAYS NATURAL  
GAS SUBSTITUTE FOR HEATING MAY BE READY BY 1955

Form 1656

F 28, 39-7

TEXAS SEEKS PWA LOAN TO PUT THRU DET. &amp; ST. LOUIS PIPE LINES

AP 2, 1-5 1 HOME

NATURAL GAS WASTE FOUGHT; CIVIC, INDUSTRIAL GROUP SEEK TEXAS LEGISLATION TO CURB BLOWING INTO AIR

MY 1, 32-1 WSC

LEGISLATURE SENDS BILL TO GOVERNOR TO PRESERVE NATURAL GAS SUPPLY

MY 14, 4-5 BL STR

ICKES STUDIES PROPOSAL TO USE CASH TO UTILIZE GAS FOR RURAL ELECTRIFICATION

JE 14, 22-2

THE WASTED TEXAS GAS-EDIT

AG 16, 30-3

BORGER-WALTER DAVIS, HUBER INTERESTS, SAYS HIS COMPANY HAS PURCHASED ALL GAS PROPERTIES OF CONTINENTAL OIL CO

N 17, 1-11-7

INDEPENDENT OWNERS GET HEARING BEFORE FED TRADE COM

--1937--

F 1, 27-2-BLST

SUPREME CT. RULES EFFORT BY TEXAS TO LIMIT PRODUCTION OF NATURAL GAS IN PANHANDLE FIELD, UNCONSTITUTIONAL

---1948---

MR 10, 34-6 BS 2

GAS FOR EASTERN SEABOARD PROPOSED TO FPC

---1949---

D 18, 4-21-6

SOME TEXANS WORRYING ABOUT HOW MUCH NAT. GAS STATE SENDING TO OTHER AREAS

---1954---

F 14, 8-4-4-2\*

SUPREME COURT NULLIFIES PIPELINES TAX

-----1973-----

My24, A-26-1

SAN ANTONIO---OFFICIALS FACED WITH POWER BLACKOUT IN 9 DAYS  
ACCEPTED FUEL OIL "LOAN" FROM COMPANY THEY CLAIM IS  
"PRESSURING" CITY ON NEW EXPENSIVE FUEL CONTRACT

My29, C-8-1

SAN ANTONIO---POWER CRISIS EASES AS FUEL OIL ARRIVES

--1974-- 08, A-14-3

MICHIGAN WISCONSIN PIPELINE CO. ANNOUNCED ACQUISITION OF  
INTERESTS IN HOLDINGS OF GAS EXPLORATION IN GULF OF MEX.

---1976---

D 9, C-14-3

DALLAS-NATURAL GAS SERVICE CURTAILMENT LIFTED, ALLOWING SENIOR  
SCHOOLS IN TEX. & OKLA. TO REOPEN, CLOSED 1 DAY

-1978-

JA 22, A-7-1

CONROE-CHAMPLIN PETROLEUM CO ENDS 40YR TRADITION OF FREE  
GAS TO TOWN RESIDENTS; 100 FAMILIES WITHOUT HEAT

Form 1656

JA 29, 2-1 BSMO

SEN. PASSES BILL REQUIRING NATURAL GAS COMPANIES TO OBTAIN CERTIFICATES FROM FED. POWER COMMSN. TO TRANSPORT PRODUCT INTO NEW AREAS

N 28, 30-6

WPB ASKS CONSUMERS TO ECONOMIZE, DUE TO THREATENED SHORTAGE

N 2, 8-1

HOUSEHOLDERS URGED TO CURTAIL USE THIS WINTER

---1943---

JA 8, 4-5

SENATORS TOLD NEW GAS PIPELINES NEEDED

---1944---

F 6, 4-8-6

SHORTAGE THREATENS INDUSTRIAL APPALACHIAN AREA

F 10, 1-3NITE

60 DISTRIBUTING COMPANIES PROHIBITED FROM MAKING DELIVERIES BETWEEN FEB. 14 AND MAR. 31; MICH. PLANTS AFFECTED

---1945---

AG 20, 1-6 FINAL

WARTIME CURBS ON GAS &amp; EQUIPMENT REMOVED

---1946---

MR 11, 23-3

\$4 MILLION PROGRAM TO CONSERVE NAT. GAS IS LAUNCHED

N 18, 14-4

FIGHT NEARS END-PANHANDLE ASKS AUTHORITY TO CUT DOWN SUPPLIES TO SOME CUSTOMERS

N 19, 12-5

ATTYS ENGINEERS SEEK COMPROMISE ON HOW TO SUPPLY NAT GAS THIS WINTER TO 8 STATES

OVER

---1946---

N 20, 50-3

NATURAL GAS HEARING ENDS: PANHANDLE SAYS CATASTROPHE FACED—D 13, 26-4  
FPC ADOPTS EMERGENCY RULES GOVERNING DELIVERIES ABOVE

---1947---

F 4, 3-2

PANHANDLE EASTERN PIPELINE CO GIVEN 20 MILLION CU FT MORE GAS DAILY

F 23, 1-6-6

CONF. PLANNED TO COPE WITH EXPECTED CRITICAL SHORTAGE NEXT WINTER

MR 20, 42-1

EAST OHIO GAS CO. CHARGES FED. POWER COMMSN. ATTEMPT TO CONTROL FLOW OF  
ABOVE IN US

Ap 9, 32-5

NAT. GAS CURB MEETING SET FOR INDIANAPOLIS APR 11

MY 10, 17-5

MICH., 6 OTHER STATES FAIL TO AGREE ON SHARING OF GAS—

JE 7, 2-6

SHORTAGE OF GAS TO CONT IN '48 IN MIDWEST & APPALACHIAN AREA—

JE 27, 12-

EMERGENCY SERVICE RULES & REGULATIONS GOVERNING GAS DELIVERIES EXTENDED BY FPC

JL 11, 10-2

GOVT OFFICIALS SAYS TO BE ONLY SPOT SHORTAGES FUEL OIL NEXT WINTER

N 26, 1-8

GOVT. ORDERS EMERGENCY STEPS TO CONSERVE GAS; DET. SUPPLY ORDERED CUT

5.6%

---1948---

MR 5, 43-2 BS 2

US RESERVES PETROLEUM & NAT GAS INCREASED MORE IN 1947 THAN DID RECORD  
CONSUMPTION; FIGURES—

Ap 25, 1-4-3

SEN STEWART SAYS PROPOSED CHANGES IN NAT GAS ACT WOULD RAISE RATES

MY 14, 19-3

SEN COMMERCE COMM VOTES TO KILL GAS MEASURE—

MY 15, 18-7

MIDWEST GAS LOS FACED

S 28, 3-4

TEXAS FIRMS ASK US TO OK INCREASED GAS FOR EAST

- PANHANDLE EAST PIPE LINE CO TO ACCEPTS SAME GAS CURTAILMENT AS LAST YR  
 O 22, 47-1  
 F 15, 30-1 CITY  
 JE 28, 14-3  
 AG 6, 14-8  
 INDUSTRY PLANS 3-BILLION EXPANSION PROGRAM  
 RAY J KELLY WARNS OF GAS BILL IN COND TO CURB RATE RULE  
 HOUSE PASSES BILL TO MAKE CERTAIN INDEPENDENT PRODUCERS OR GATHERERS  
 OF GAS ARE NOT SUBJECT TO FED. CONTROL  
 ---1950---  
 PRES. TRUMAN BACKS BILL BY SEN. KERR TO GUARANTEE INDEPENDENT GAS PRO-  
 DUCERS IMMUNITY FROM FED. REGULATION-M. HAYDEN  
 SENATE GROUP DENOUNCES ATTEMPT TO SLIP THRU KERR BILL-MOODY  
 KERR BILL NEARS SENATE VOTE  
 SENATE PASSES KERR BILL TO ABOLISH US CONTROL OF GAS WITH GOP AID-MR  
 29-HAYDEN  
 TRUMAN GIVEN KERR BILL  
 DET. CITY COUNCIL ASKS PRES. TRUMAN VETO KERR BILL-AP 5, 4-6  
 PRES. TRUMAN SHOWERED WITH MESSAGES ABOUT KERR BILL-AP 12, 27-3  
 DEM. STRATEGISTS URGE PRES. TRUMAN VETO KERR BILL-AP 16, 1-1-8  
 PRES. TRUMAN VETOES KERR BILL-AP 17, 31-6  
 VETO OF KERR BILL SAVES MILLIONS FOR GAS USERS-MOODY-AP 18, 26-1  
 TRUMAN VETOED KERRY BILL WITH EYE TO THE VOTERS-EDIT

---1950---

AP 19, 3-3

SPEAKER RAYBURN SAYS HE IS NOT "SORE" AT TRUMAN FOR VETO

AP 26, 30-1

GAS BOYS STILL ACTIVE DESPITE TRUMAN VETO OF FERR

BILL-EDIT  
AG 22, 28-8 BS2

AMER GAS ASS'N EXPECT 1,150,000 MORE USERS IN 50-51 SEASON

S 7, 14-2

FPC PREDICTS PANHANDLE EASTERN CO. TO FALL SHORT OF MEETING DEMANDS  
THIS WINTER BY 70,000,000 CU.FT.

D 28, 1-5

COLD WAVE CUTS GAS FOR INDUSTRY IN 5 STATES

---1951---

MY 8, 21-2

DALLAS-BRUCE K BROWN FEARS NATURAL GAS PINCH

JL 6, 4-1

PLAN ORDER BANNING NEW INSTALLATIONS FOR HEATING.

JL 17, 12-5

STATES PROTEST US GAS CURB

JL 19, 31-1

FPC DECIDES IT DOES NOT HAVE JURISDICTION OVER ACTIVITIES OF PRODUCER  
& GATHERS OF GAS

JL 20, 24-1

FPC DECIDES IT HAS NO AUTHORITY TO REGULATE NAT. GAS PRICES AT WELLS  
IN TEX. & OKLA.-EDIT

JL 20, 2-1

PRES TRUMAN & SEN HUMPHREY PART COMPANY ON NAT. GAS DECISION BY FPC

JL 28, 3-4

CURB ON GOVT AUTHORITY TO RESTRICT USE NAT. GAS GOING TO CONG. FOR  
APPROVAL-

AG 3, 37-5

REP DOLTON SAYS RESTRICTIONS ON INSTALLATION NEW NAT. GAS SPACE HEATING  
UNITS IN CERTAIN AREAS POSTPONED INDEFINITELY

-AG 7, 27-1

US MAY ASK CUT IN NAT. GAS USE

Ag 15, 1-5 BS 2

PETROLEUM ADMIN. FOR DEFENSE ORDERS SLOWDOWN EXTENSION GAS SERVICE IN  
15 STATES, INCLUDING MICH.

GOVT KEEPING WATCHFUL EYE ON 13 MORE STATES TO DETERMINE IF ITS GAS  
LIMITATION ORDER SHOULD BE EXTENDED TO ANY OF THEM

Ag 18, 13-5

---1952---

AP 2, 68-5

INT. SECY. CHAPMAN ANNOUNCES APPT COMM. ON CHANGES IN RESTRICTING EXTEN  
SION OF NATURAL GAS

JE 28, 2-7 FINAL

MICH JOINS OTHER STATES TO URGE GOV'T TO KEEP PRESENT ORDER ON CURB  
OF GAS

Ag 25, 24-6

NATURAL GAS USE SOARS; EXPANSION PLANS FOR '53 SET PEAK

O 8, 32-8

B. R. OF MINES REPORTS THAT NATURAL GAS USE IS HIGHER; COST ALSO RISES

-----1954-----

JE 7, 1-3 BB

U.S. SUP. CT. GIVES FPC RIGHT TO REGULATE PRICE OF GAS PRODUCERS AS WELL  
AS THOSE OF THE INTERSTATE PIPELINES WHICH THEY SUPPLY

JE 9, 34-1

A RETURN TO REASON-EDIT.

JL 29, 10-3-5\*

FPC RULING FAILS TO END GAS DISPUTE

D 15, 72-7

GAS FR. CANADA COMING TO WEST

D 23, 15-5

FPC GRANTS PANHANDLE EASTERN PIPE LINE CO. NEW FACILITIES TO INC. EASE  
NATURAL GAS DELIVERIES TO 24 UTILITIES IN FIVE STATES

-----1955-----

F 28, 16-6

JAS. LEE, ASS'T CORP. COUNCIL OF MICH, BLASTS PLANS FOR LIFTING OF GAS CURBS

MR 15, 4-6

JAS. H. LEE, ASS'T CORP. COUNSEL, T JOIN DELEGATION OF OFFICIALS FR. LARGE CITIES IN D.C. MR 18TH TO MEET PRES. IKE TO TALK OVER FED. CONTROL OF ABOVE

-----1956-----

MY 12, 8-7

US ORDERS REPORTS N GAS REVENUE

-----1957-----

JA 5, 6-5

NEW NATURAL GAS BILL GIVEN TO HOUSE

JA 15, 33-5 1H

U.S. SUP. CT. DENIES 12 NATURAL GAS PRODUCERS A REVIEW OF PROTESTS THEY MADE AGST FPC PLANS TO REGULATE THEM

MR 28, 27-3

CHR. HARRIS OF HOUSE COMMERCE COMM. CALLS ON IKE TO DETAIL HIS VIEWS ON NATURAL GAS LEGISLATION

AP 21, A-2-3

CHR. HARRIS SAYS HIS HOUSE COMMERCE COMM. WILL BEGIN HEARINGS MY 7TH ON LEG. TO EASE FED. CONTROLS ON NATURAL GAS PRODUCERS

MY 31, 27-1

NATURAL GAS BILL HIT BY WALTER FEUTHER AS BIG WINDFALL

-----1958-----

JA 27, 8-1 1H

NATURAL GAS BILL'S FOES MAP BATTLE

F 18, 35-3

GAS HEAT CUT OFF TO SOUTHERN HOMES IN ZERO TEMPERATURES TODAY

MY 13, 12-5

US CRT APPEALS ORDERS NEW HEARINGS ON GAS FOR MIDWEST CASE

-----1960-----

MR 23, 4-11-1

IKE'S NUDGE T CON. TO COME UP WITH ANOTHER GAS BILL

SENATE OK'S BILL TO GIVE FED. POWER COMMS. CONTROL OVER SALES OF NATURAL GAS FOR INDUSTRIAL USE  
--1962--

AG 14, A-1-7FIN 5

MR 21, C-10-5

NY-RESERVES GREW LAST YR TO 267.7 TRILLION CUBIC FEET, A RECORD  
--1965--

JE 1, C-7-5

WASH-U.S. SUP. CT. RULED FPC HAS AUTHORITY TO REGULATE SALES NATURAL GAS LOCATED IN THE GROUND  
--1966--

AP 28, D-12-8

HOUSTON-AUSTRAL OIL CO STUDYING A-BLAST UNDERGROUND TO BOOST NATURAL GAS  
--1970--

F 3, D-7-2 1DOT

WASH-FPC CHAIRMAN JOHN NASSIKAS SAYS SHORTAGE OF NATURAL GAS--

MR 19, C-23-5

GAS SUPPLY IS ADEQUATE BUT EXPLORATION INTO POSSIBLE OF UTILIZES UNDISCOVERED FIELDS NEEDED SAYS JOS. QUIGLEY. SMITH.

N19, A-10-1

FUEL CRISIS APPROACHING SAYS GM EXEC. HOWARD BALDWIN TO NATIONAL ASSOCIATION OF UTILITY COMMISSIONERS.

--1972--

MR 6, A-4-7

SUPREME COURT AGREED TO SPEED UP CONSIDERATION OF WHETHER  
FED POWER COMMSN HAS AUTHORITY TO ALLOCATE NAT GAS SUPPLIES  
IN FAVOR OF HOME OWNERS DURING PERIODS OF SHORTAGE

Ag7, D-6-4

NATIONS' MAJOR GAS DISTRIBUTORS ARE IN PROCESS OF BUILDING  
PLANTS TO CONVERT NAPHTHA INTO SUBSTITUTE NATURAL GAS---  
TAYLOR

N30, A-18-1 Fin

Wash----Shortages of natural gas may force industries and  
other large consumers to switch temp. to coal or oil this  
winter

D11, A-10-1

U.S. warns of natural gas shortage

---1973---

JA15, A-15-7

CLEVELAND---GAS SHORTAGE PERILS STEEL

JA 11, A-2-1

OIL& GAS SHORTAGE BLAMED ON UNDERESTIMATED NEEDS

D 13, A-3-1

US SEARCHING FOR NEW WAYS TO SUPPLY NATURAL GAS-HANSEN

---1974---

AP 19, A-4-5

COUNCIL ON ENVIR. QUALITY OKS OIL DRILLING OUTER CONTINENTAL  
SHELVES-PETROSON

1974

GAS-NATURAL - UNITED STATES

JE 12, A-10-1

FPC SAYS SHORTAGE TO WORSEN UNLESS RESERVOIRS IN UNDERGROUND  
ROCK TAPPED

JE 13, A-9-8

FPC WARNS OF SHRINKING SUPPLIES IN CERTAIN PARTS OF US

---1975---

F 26, D-8-1

UNEMPLOYMENT CAUSED BY CURTAILMENT IN DELIVERIES OF NATURAL  
GAS TO CONT. UNDER POLICIES OF FED. GOVT.-HANSEN AP2, F-1-5  
DROP IN OIL & NATURAL GAS RESERVES REPORTED FOR 1974

MY 8, D-2-1

WASH-US GEOLOGICAL SURVEY SAYS US DOWNGRADES ESTIMATE OF OIL &  
GAS RESOURCES

JE 7, A-3-2

FIRMS EXPECTED TO RUN SHORT OF GAS FOR COMMERCIAL USE THIS  
YR

JE 16, D-8-1

SHORTAGE NEXT WINTER MAY CAUSE INDUSTRY SHUTDOWNS, JOB LAYOFF  
& TEMPORARY CURTAILMENT OF GAS FOR HOME USE JL 3, C-10-1

WASH-PRES. FORD ENERGY ADVISERS FORECAST NO GASOLINE SHORTAGE  
THIS SUMMER, BUT FACING SHORTAGE DURING WINTER

---1975---JL11, B-4-5

PRES FORD CITES THREAT TO US ECONOMIES IF CURBS ON  
NATURAL GAS USE FOR BUSINESSES CONTINUE. Ag 27, A-9-3  
WASH-INVITED 17 GOVERNORS TO CONFER ON COMING SHORTAGE

Ag 29, A-1-4

WASH-PRES FORD WARNS OF SHORTAGE, WANTS COOPERATION

S 11, C-16-1

FRANK ZARB RECOMMENDS FAST ACTION ON NATURAL GAS BILL TO  
EASE IMPACT OF EXPECTED CRISIS

S 16, A-8-6

DEMS & FORD DIFFER ON ~~NATURAL~~ NATURAL GAS CONTROL

O 2, C-2-1

WASH-EASED GAS DECONTROL INDICATED BY SENATE O 3, D-8-1

WASH-SENATE VOTED TENTATIVELY TO REMOVE CONTROLS TO  
INCREASE SUPPLY

O 3, D-8-1

DK DAVIS WARNED MICH INDUSTRY OF WINTER SHORTAGE IF  
CONGRESSIONAL BILLS PASS-PIPP

O 9, A-8-1

WASH-NATURAL GAS SHORTAGE COULD LAY OFF 500,000 O 12, A-5-1

HOT SPRINGS VA-SHORTAGES SEEN AS JOB THREAT, AREAS UNNAMED

GAS: NATURAL: UNITED STATES

1975

D22, A-7-1

JOHN HILL OF FEA SAYS OUTLOOK BETTER FOR NATURAL GAS  
SUPPLIES.

D26, A-2-7

WARM WEATHER EASES NATURAL GAS SHORTAGES.

---1976---MR 4, C 2-#3

SEVERITY OF GAS SHORTAGE CLAIMS ARE DISPUTED BY  
CONGRESSIONAL INVESTIGATORS.

JE 27, E-1-1

WILBER H. MACK, AMER. NATURAL RESOURCES CO, TELLS WHERE IT  
COMES FROM; PLANS FOR FUTURE DEVELOPMENT.

W. SMITH

N7, A-6-6

GAS SHORTAGE HEARINGS SET.

N10, A14-2

FUEL SHORTAGES POSSIBLE FOR

9 STATES

---1977---JA 14, B-3-1W

WASH- FPC URGED TO ALLOW EMERGENCY SALES OF NATURAL  
GAS SUPPLIES.

JA 22, A-9-1

DC-CARTER URGES NATION TO 'DIAL DOWN' ON HEAT

JA 25, B-3-1D

DC-PRICE LID MAY GO

-1977-

JA 26, A-12-1

DC-CARTER ORDER TO DIAL DOWN GETS CHILLY GREETING BY FEA-  
PETERSON

JA 27, A-10-3

DC-CARTER MAY SHIFT SUPPLY IN COLD EMERGENCY-BLANCHARD

JA28, A-1-2

MICH. HEATING GAS SUPPLY SHOULD BE ADEQUATE. BULGIER.

JA 28, A-3-5

DISCUSSION OF CRISIS CONDITIONS ACROSS NATION FOR  
FUEL AND PROPOSED ALLOCATION PROGRAM. JA 28, A-6-5  
CONGRESS BACKS PRES CARTER ON ENERGY PLANS.

JA 20, A-1-4

JIMMY CARTER SUGGESTS 4 DAY WORK WEEK DUE TO SHORT  
AGE OF ENERGY.

JA 31, A-1-2

HOEM GAS SUPPLY TO WORSEN SAYS PRES CARTER.

JA 31, A-12-1 1DOT

GAS CRISIS STIRS CONGRESS TO ACTION. F1, B-6-1

CRUEL WINTER WARNS NATION OF NEED FOR FEDERAL POLICY ON  
ENERGY. EDIT

F1, A-3-5

CONGRESS PASSES EMERGENCY ENERGY POLICY- AID FOR POOR  
FOR HEATING COSTS PLANNED ALSO.

1977

GAS : NATURAL: UNITED STATES F1, B-3-2

SENATE PASSES EMERGENCY BILL FOR EASING NATURAL  
GAS SHORTAGES. F2, A-8-1 1DOT  
JOHN HOLLOWAY OF FEDER POWER COMM. SAYS ENERGY CRISIS  
WON'T END WITH SPRING. F2, A-9-1  
SENATE OK'S JIMMY CARTER GAS CRISIS BILL.

F3, A-7-1  
NATURAL GAS MOVING FR. WEST TO EASTERN STATES BUT  
UNEMPLOYMENT CONTINUES TO GROW. F3, A-7-5  
SHIFT OF NATURAL GAS TO EAST IS BEGUN

F 4, A-1-6  
EMERGENCY ENERGY BILL SENDS NEW GAS TO NE US; NEW SNOW  
SNARLS BUFFALO F 4, A-2-3

DC-CARTER OKS WEST-TO-EAST GAS F 6, A-1-2  
DC-IS NATURAL GAS SHORTAGE REAL?-BLANCHARD F 7, A-6-3

PITTSBURGH-GAS FIRMS SEE A CATCH IN WINTER'S PROFIT SURGE  
F 9, A-7-1

DC-CARTER WARNS U.S. OF FUEL SACRIFICES

DC-CRISIS EASED FOR NOW, CARTER SAYS F 10, A-4-2  
F 10, A-4-2 2DOT  
'DC-WARM TREND, FUEL CUT VITAL TO END EMERGENCY

F11, A-4-1 2DOT  
IMMEDIATE NATURAL GAS CRISIS IS OVER. F15, A13-1 1DOT  
WASH-GAS SUIT URGED AGAINST GULF. OIL. FOR NOT PROVIDING  
NATURAL GAS TO SOME STATES AS PROMISED.

F 18, A-5-1 1DOT  
DC-PROBE OF NATURAL GAS HOARDING ORDERED F 22, A-4-2 2DOT  
DC-INTERIOR DEPT BLAMED IN NATURAL GAS SHORTAGE  
F 22, A-4-2

DC-QUIZ SAYS TEXACO HELD BACK FUEL GAS RESERVES

F 23, A-1-2  
DC-TEXACO DENIES WITHHOLDING NATURAL GAS- F 24, A-4-1  
DC-GULF DENIES HOARDING

F25, A-8-1  
WASH-FED. APPEALS COURT ORDERED NATURAL GAS PRODUCERS TO  
LIST RESERVES.

- DC-TENNACO ADMITS SHIFTING GAS TO CASH IN ON HIGHER PRICES  
NATURAL GAS SHORTAGE TO MEAN HIGHER PRICES FOR EVERYTHING YOU BUY. PETERSON. Mr 9, A-6-1 1DOT  
AP13, A-1-5
- PRES CARTER GAS PLAN CALLED NEEDLESS  
CARTER PLAN FOR NATURAL GAS ASSAILED BY ROBERT STEWART MY11, B-3-1E  
MY11, B-3-31DOT  
JE 23, C-12-1
- WASH-FED. POWER COMM. SAYS LESS GAS TO DELIVER THIS WINTER;  
HEATING PINCH FORESEEN JE 24, D-1-3
- DC-OPTIMISTIC GAS STUDY REJECTED, RESEARCHER CHRISTIAN  
KNUDSEN FIRED O 11, A-4-1
- DC-NEW DEPT OF ENERGY DOUBTS ROSY ENERGY REPORT  
O 14, B-6-1
- MICH. RESIDENTS WORRY AS FED. RAID TAKEN ON ITS GAS, ESPECIALLY  
WITH COLD WINTER AHEAD-EDIT

-1977-

N 14, A-7-1 1DOT

DC-CONSUMER GROUP WARNS OF NATURAL-GAS 'BLACKMAIL'

D 4, B-4-1

WASH-/ROBT.P.GRIFFIN BILL AMENDMENT HELPS ALLOW UTILITIES TO  
RETAIN NATURAL GAS THEY SAVE THRU CONSERVATION MEASURES

-1978-

JA 27, F-5-1

SUPPLIES HOLDING UP WELL DESPITE BAD WEATHER JA 29, E-3-1

DC-UTILITIES SAY FUTURE'S GOOD FOR NATURAL GAS USES-KNIGHT

AP 11, A-13-1

DC-GAS RESERVES DROP AGAIN, DEMAND SPURS DRILLING-PETERSON

AP 12, A-6-1

DC-CARTER SEEKS TO SNAP ENERGY BILL DEADLOCK O 13, A-4-1

DC-HOUSE PANEL KEEPS DECONTROL BILL SEPARATE FROM REST OF  
ENERGY PACKAGE-PETERSON

N 3, A-1-6

DC-SUFFICIENT SUPPLY FORECAST --1997-- F 4, A-5-4

Off coast of Carolinas is 35 billion tons of methane gas,  
good for 105 year

Mr 10, C-10-1

DC-FPC AIDE RUSSELL MAMONE SAYS HE WAS TRANSFERED BECAUSE  
HE REPORTED TENNECO WAS SELLING GAS FOR HIGHER PRICES  
INSTEAD OF IN INTERSTATE MARKET FOR WHICH IT WAS MEANT

AP 29, A-1-2

DC-WHITE HOUSE ENERGY RESEARCH ADM NOT TO RELEASE STUDY  
THAT SAYS GAS SUPPLIES GREATER THAN INDICATED BY PRES.

S 9, A-2-5

CARTER-PETERSON  
WASH-SENATE OKS KEY PART OF JIMMY CARTER'S ENERGY PLAN TO PROHIBIT USE  
OF NATURAL GAS IN INDUSTRIES

N 12, A-1-1

DC-HOME GAS LIGHTS GET 1982 SHUT OFF-PETERSON

**GAS: NATURAL: USES**

1973

D 9, D-18-1

**MOSCOW-5 EXPERIMENTAL VEHICLES USING LOW-COST, NONPOLLUTING  
LIQUEFIED GAS IN CYLINDER, BEING TESTED HERE**

1974

GAS: NATURAL: VENEZUELA

MY 7, A-6-4

CARACAS-CANCELS PLANS TO EXPORT LIQUEFIED NATURAL GAS TO US

1956

GAS - NATURAL - WELLS - CANADA

MY 20, 1-16-4

DRILLING TOWER TO RISE IN LAKE ERIE OFF PORT ALMA

1953

GAS : NATURAL : WISCONSIN

JE 20, 15-1

ATTY.GEN MILLARD ADOPTS HO-SLOW ATTITUDE TOWARD ABOV'S PLEA FOR JOINT  
INVESTIGATION OF BLOCKADE AGST 2 STATES -TER HORST

--1955--

JA 20, 13-4

JAMES DURFEE SAYS PHILLIPS PETROLEUM CO IN MADISON THREATENED TO HALT  
GAS SUPPLY TO WIS.

JA 26, 35-1

LEAK SPOTTED IN MAIN GAS PIPELINE HERE

1977

~~GAS : NATURAL : WORLD~~

~~AP26, A-8-3~~

DISCUSSION OF CIA REPORTS ON  
IN WORLD.- PETERSON

GAS AND ENERGY SUPPLIES

**GAS - NATURAL**

1932

Form 1656

The Detroit News

Ja 9, 4-2

Merger of Northern Natural Gas Corp & Panhandle Eastern  
Pipe Line Corp may be key to natural gas for Detroit district

F 3, 29-2

Council asks offers on natural gas in city

F 12, 1-2

Det. City Gas Co. plans mixture of above with  
present supply at lower rates

UNIV OF TEXAS OIL LANDS PROMISE HUGE RETURNS

JA 17, 31-2 C S

PUBLIC OWNERSHIP LEAGUE ASKS THAT US BUILD PIPE LINE FROM TEXAS FIELDS  
TO MID-WEST CITIES

F 25, 2-8 C S

FED GOVT CHARGES COLUMBIA GAS & ELECTRIC CORP WITH NATURAL GAS TRUST

MR 6, 31-5 C M

J D CANTWELL, DAVENPORT, IOWA CORONER SAYS NATURAL GAS CUTS DEATH RATE

AP 1, 31-3 MAIL

---1935---

AP 28, 1-14-5

SEN BURTON K WHEELER SAYS GAS COMPANIES HAVE DIVIDED UP TERRITORY

---1936---

S 28, 28-1

MORGANTOWN, W. VA. - AT C BURDETT ANNOUNCES PROPOSED FORMATION OF \$10, 000,000 GAS & OIL OPERATING UNIT

N 18, 9-3

JOHN W. SMITH URGES PROSECUTION OF 5 NATURAL GAS BARONS, VIOLATED THE FEDERAL ANTI-TRUST LAWS

D 18, 17-4

US CONF. OF MAYORS BATTLE FOR REASONABLE RATES

---1937---

F 8, 18-8

CITIES ALLIANCE TO DISCUSS PROPOSED "NATURAL GAS ACT"

MR 11 5-1

CITY OF DET. ASKED TO AID CITIES ALLIANCE TO GET GAS FOR OTHER MIDWESTERN CITIES FR TEXAS

MR 11, 11-8 BL STR

COUNCILMEN SMITH & VANANTWERP TO GO TO WASH. TO PUSH NATURAL GAS BILL

MR 14, 1-8-8

SEN. BROWN TO INTRO BILL FOR BROAD PROGRAM FOR FED. REGULATION OF NATURAL GAS PIPELINES

MR 17, 6-4

DETROIT GIVES \$1,500 TO AID IN BRINGING GAS TO OTHER MID-WESTERN CITIES

MR 27, 9-1

JOHN W. BATTEN SAYS NATURAL GAS CAN ASPHYXIMATE NO ONE - RATIONING OF NATURAL GAS IN COLO. & WYO. CITIES CONTINUES

D 16, 41-6 BS

STUDIED AS SOURCE OF GASOLINE

---1947---

AP 26, 2-8

CONF IN CHI MAY 7-8 TO DECIDE DE IVERY ABOVE BY PANHANDLE E. PIPELINE Co.

- L L HUGHES TELLS OF USE ABOVE FOR AIRPLANE FUEL S 19, 23-4  
 ---1948---  
 GAS FR NATURAL GAS SOON MAY POWER YOUR CAR- MR 4, 1-6 NITE  
 ---1949---  
 TEXAS CONSIDERS TAKING GAS SENT TO EASTERN US-EDIT D 7, 58-8  
 INVESTMENT BANKERS ASSN. CHARGE CONG. FAILURE TO REMOVE FPC JURISDICTION  
 OVER GAS SALE IS RESPONSIBLE FOR PRICE BOOST  
 ---1950---  
 3 FIRMS IN PROJECT TO END GAS WASTE AT WORLAND, WYO. OIL FIELD N 13, 31-1  
 ---1953---  
 HOPES FOR LONG TERM CONTRACT BTW. U.S. AND CANADA FOR EXCHANGE OF MR 22, 1-43-6  
 NATURAL GAS FALLS AS CANADA SAYS CANADA FIRST AND ALWAYS S 4, 31-8  
 WITH GROWTH OF NATURAL GAS INDUSTRY ACTIVITIES AT PEAK IN GAS APPLIANCE  
 PRODUCTION & TESTING SAYS AMER. GAS ASSN.-BAUMGARTH F 8, 17-6  
 ---1955---  
 REP. ROGERS INTRO. BILL TO FREE INDEPENDENT NATURAL GAS PRODUCERS FR.  
 FPC CONTROL ---1958--- N 1, 12-8  
 FPC SPURNS PROPOSALS ON NATURAL GAS COMPETITIVE APPLICATIONS FOR INC-  
 REASING SUPPLIES IN MIDWEST AREA ---1960--- O 10, 8-9-1 FIN 6  
 ATLANTIC CITY-LESTER T. POTTER PREDICTS 5% INCREASE IN '61 NATURAL GAS  
 SALES

1966 My 15, D-10-5  
BRUSSELS-PETROFINA ANNOUNCED DISCOVERY OF NATURAL GAS DEPOSIT WITH IM-  
PORTANT RATE OF FLOW IN BRITISH ZONE OF NORTH SEA

1970 MY 28, A-3-1  
TORONTO- CONSUMERS GAS CO WILL TRY POWERING AUTOS WITH  
NATURAL GAS. AG 16, E-14-5  
SHORTAGE IN SOME AREAS OF NATION SLOWING OF STOPPING IN-  
DUSTRIAL EXPANSION & ANTI-POLLUTION PROGRAMS-MILLER  
O 16, D-6-8 IDOT  
LEXINGTON, KY-SOME COMMUNITIES IN US GOING TO HAVE TO RETURN  
MANUFACTURING GAS FROM COAL DUE TO SHORTAGE

N 12, A-13-1  
MICHIGAN CONSOLIDATED GAS CO-ASKED MICH PUBLIC SERVICE COMM  
TO ALLOW IT TO ESTABLISH PRIORITIES FOR FUTURE SALES OF GAS-  
GILL

1971 AP 14, C-7-1  
CONSUMERS POWER CO DISCLOSED HOPES TO EASE GROWING SHORT-  
TAGE OF PIPELINE NATURAL GAS BY USING NEW TECHNOLOGY TO  
CONVERT LIQUID GAS INTO NATURAL GAS-SMITH

GAS: NATURAL

1973

MR25, B-18-1

BOULDER, COLO---SCIENTISTS EXPRESS DOUBTS THAT PLANNED UNDERGROUND NUCLEAR EXPLOSION CALLED PROJECT RIO BLANCO, DESIGNED TO FREE NATURAL GAS, WILL HELP SOLVE NATION'S ENERGY CRISIS

JL29, A-21-6 HOME

LIBERTY, MO.---GAS COMPANY CURTAILS SERVICE TO LARGE INDUSTRIAL USERS TO BOLSTER RESERVES FOR WINTER

AG16, A-9-1 RACE

WASH---NATURAL GAS INDUSTRY EXPECTS TO SUPPLY ONLY 86% OF ITS POTENTIAL MARKET IN 1975

S 13, A-3-1

AMER. NATURAL GAS. CO. TO SPEND \$100 MILL. THRU SUBSIDIARIES TO FIND, DEVELOP & PRODUCE NEW SOURCES OF NATURAL GAS IN GULF OF MEXICO-DOUGLAS

D 13, C-13-1

REP. LESTER I. WOLFF, ND-NY, SUGGESTS TURNING OFF STOVE PILOT LIGHTS, WITH SAVINGS OF BILLIONS OF CUBIC FEET OF GAS

--1974--

JA 6, G-1-1

AMERICAN NATURAL GAS CORP. CHMN., WILBUR 'DEKE' MACK SAYS THERE'S NO SHORTAGE OF GAS IN HIS SYSTEM-COURTNEY

--1974--

F 2, A-6-3

WASH-FPC SAYS 1974 SHORTAGE TO BE 53% WORSE THAN 1973'S

F 21, E-6-1

LAGOS, NIGERIA-GULFOIL PRES. JAS. E. LEE ANNOUNCES CO. OFFER TO SET UP \$1 BILL. LIQUEFIED GAS DEVELOPMENT IN PARTNERSHIP WITH GOV'T

AP 9, A-8-3 FINAL

HOUSEWAYS&MEANS COMM. VOTES TO KEEP 22% DEPLETION ALLOWANCE FOR GAS SHIPPED ACROSS STATE LINES

JL 22, C-16-1 RACE

WASH-JOHN C. SAWHILL FEARS SHORTAGE OF NATURAL GAS FOR NEXT WINTER

---1975---

JA 4, A-2-1

WASH-FED. POWER COMMSN. WARNED US FACES SHORTAGES OF NATURAL GAS, OUGHT TO PREPARE TO ALLOCATE SUPPLIES

JA 26, A-5-1

US NATURAL GAS OUTPUT DECLINING FPC STUDY FINDS.-

HANSEN

F 13, B-8-1

NATURAL GAS AN IMPENDING CRISIS OR NOT. RYAN AG 13, D-1-1

NAT GAS SHORTAGE FOR FERTILIZER MAKERS MAY CAUSE FOOD PRICE HIKE LATER-WILCOX

1976

~~GAS: NATURAL~~

MY17, D-7-1

NATURAL GAS CRIMP TIED TO GREATER AIR POLLUTION BY BRUCE

NETSCHERT.- POPE  
DC-COLD WEATHER COULD CAUSE CUTOFFS

-1977- JA 11, A-3-5

UN TOLD BY EXPERTS THAT THERE IS ENOUGH GAS AND OIL  
FOR NEXT 100 YRS.

AP25, A-6-4

JE 29, A-16-1

DC-COVER-UP OF OPTIMISTIC ENERGY REPORT DENIED S 25, A-1-4  
SAVING GAS EASY, MAKING IT LEGAL ISN'T-TRE LOAR S 27, A-3-5

WASH-US ON WHOLE TO HAVE SMALLER NATURAL GAS SHORTAGE THAN  
LAST WINTER, SOME STATES TO HAVE BIGGER SHORTAGES

-1978-

MR 14, A-13-3

NORFOLK-1ST HUGE LIQUEFIED NATURAL GAS TANKER ENTERS  
CHESAPEAKE BAY, BEINGS WEEKLY TRIPS

AP 22, A 1-1

LID ON GAS PRICES LIFTED BY ENERGY BILL DEAL-PETERSON

**-1978-**

**MY 31, A-7-3**

**DC-SUPREME COURT RULES ON INTER-INTRA STATE SALES**

**D 7, B-14-1-2-DOT**

**DC-SOME COMPANIES LOOKING FOR NEW CUSTOMERS.**

**D 7, A-1-3 AM**

**DC-CONSERVATION PAYS OFF, NO SHORTAGE**

**D 27, D-4-5**

**DC-AMER GAS ASSN SAYS METHANE WOULD BE IDEAL FOR CARS**

**-1979-**

**F 23, A-6-3-2-DOT**

**SUP CT DECIDES ON FED. GOVT AUTHORITY TO REGULATE INTERSTATE NATURAL GAS INDUSTRY.**

**MR 25, F-5-1**

**CANADA EXPECTED TO RAISE PRICE OF NATURAL GAS EXPORTED TO US.**

**Ag 3, A-7-3**

**DC-US & MEXICAN TALKS ON GAS HAVE HIT STALEMATE OVER PRICE.**

**-1980-**

**F 15, A-6-6**

**NY-PROCESS THAT COMBINES COAL WITH GARBAGE TO BE USED AS SUB FOR NATURAL GAS ANNOUNCED.**

**AP8, A-4-1**

**NY-ALGERIA SUPPLIES HALTED IN DISPUTE**

**G 22, A-13-5**

**ATLANTIC CITY-FIRMS OPTIMISTIC ON NATURAL GAS FIND OFF**

**CT COAST**

GAS : NATURAL

1981

F 11, B-8-6D

LANS-FED CONTROLS ON GAS SHOULD BE LIFTED GRADUALLY

O 20, B-6-2W

DELAY IN CONSUMERS DELIVERY OF ALGERIAN FUEL. WILL RESULT  
IN/DELAY OF RATE INCREASE FOR CUSTOMERS.

N 9, A-4-4 AM

OKLAHOMA CITY-CITY OF STILLWATER USES NATURAL GAS TO POWER  
CITY VEHICLES TO SAVE 70% FUEL COST

N 26, K-5-1

MOSCOW-SOVIET DELAY ON SHIPPING TO W. EUR COSTING KREMLIN

D 9, A-7-3

PAUL NEWMAN AGAINST THE PLANNED ALASKA PIPELINE

--1983----JA24, A-10-1

HIGH GAS RATES DISCUSSED.

JA 31, B-8-2E

MASON-RESIDENTS COMPLAIN OF CLOUD OF GAS. CONSUMERS POWER  
SAID CLOUD DID NOT ORIGINATE FROM THEIR SYSTEM.

-1983-

My 10, B-4-6W

PRICES SHOULD REMAIN STEADY IN DET AREA FOR NEXT 18 MOS.

JE 1, D-7-1D

CONGRESS URGED TO REDUCE COST OF NATURAL GAS & EASE SORRING  
UTILITY BILLS.

JE 1, D-7-1D

GAS PRICES MAY DECLINE SLIGHTLY FROM PRESENT LEVELS.

JE 2, A-16-1D

RATE REDUCTION BY PANHANDLE EASTERN MEANS LOWER COSTS FOR  
CONSUMERS RESIDENTIAL CUSTOMERS-McNAUGHTON

JE 5, A-4-1

BC- COUNTRY'S MOST PROPULAR HOME HEATING FUEL HELD ITS OWN  
THIS YEAR AT 55 PERCENT OF HOMES.

N 16, A-10-1

DC-SENATORS KILL BILL ON GAS CURBS

-1984-

My4, A-4-1

DC-\$1BILLION REFUND TO NATURAL GAS USERS OKD

D 20, C-1-2

Shell Western Exploration Co to cut cost of its gas by \$28 million. MichCon customers to save \$20 a yr

-1987- My11, A 6-3

Neola-Utah-town closed off after gas well leaks

S5, A15-1

Baltimore- Baltimore gas and electric Co. have "scratch and sniff" card to educate people about gas odors.

D 24 C-8-1

Scientists trying to convert natural gas into liquid form for use in vehicles.

-1988-

O 23 N-1-2

Utilities estimate steady supplies for home heating.--Sedgwick

-1989-

Je 30 A-1-1

Environmental group says natural gas should be studied as substitute for gasoline

-1989-

Ag23 F-1-1

UPS testing delivery vehicles that can run on compressed natural gas.

-1990-

Ap 25 E 1-5

Nashville, Tenn - GM will begin production of trucks fueled by compressed natural gas as soon as 1993.

Je 20 E 1-1

GM plans to produce a fleet of natural gas powered vehicles

Jl 11 A 7-1

Los Angeles- Plans to convert up to 2,000 delivery vans to clean-burning compressed natural gas

S 6 E-2-3

GM considering proposals to expand first-ever mass production of trucks that run on natural gas. --1991--

S 17, A-5-2

T.BoonePickens makes pitch to Big 3 for natural gas-fueled fleet of cars-Tompor

S 19, A-1-1

RochesterHills,OrionTwp.&OaklandTwp.residents complain of smell,gas leak suspected,assured there is none,firm released smell into air

F 26 F 1-5

Argentine motorists are running their vehicles on colorless invisible compressed natural gas (CNG) Je 2 A 5-2

Student engineering teams from 22 colleges across the country competed in the Natural Gas Vehicle '92 Design Challenge-MikeDeegan of Mich came in 2nd place-Henderson  
-1993- F 2 A 2-5

Russia increased the price of natural gas fourfold  
F 26 E 2-1

Natural gas powered Chrysler minivans will be ready for sale early next yr. Ag 17 B 4-2

Jim Carmody, Randy Goodman hope to capitalize on govt moves to reduce auto emissions by franchising service stations for vehicles that run on alternative fuel-NATGO Inc-Serju

-1994-

Je 28 B 7-1

DC - Big 3 plan to explore ways to use natural gas in  
autos. - Gruley

Je 29 D 1-1

My experience with a natural gas engine. - Sedgwick

AG 09 B 1-1W

John Carlo Corp.caused gas leak,Worth St.,Birmingham;Consum-  
ers Power takes blame this time-Miller

1942

GAS: NERVE

Form 1656

MY 11, 17;5

GERMANS REPORTED READY TO USE NEW PARALYZING GAS

—1952—

AG 8,10-2

BRITISH BARE DETAILS OF FATAL NERVE GAS

—1953—

MY 6, 28-3

RUMOR OF RUSSIAN MADE NERVE GAS CONFIRMED—AMRINE

N 2, 1-7

BRITISH FIND ANTIDOTE FOR NERVE GAS

N 13, 45-4

COLLIER'S MAGAZINE REPORTS THAT U.S. & RUSSIA POSSESS A DEADLY NERVE GAS CAPABLE OF KILLING ANYONE EXPOSED TO IT IN 4 MINUTES

N 15, 6-7-1

TRUE FACTS ABOUT NERVE GAS—JHAN & JUNE ROBBINS

—1954—

MR 20, 1-5

DENVER ARSENAL DEVELOPES GAS CAPABLE OF KILLING IN LESS THAN 30 SEC

AP 7, 69-4

WILL ARMY EVER LOSE NERVE GAS?—HAR: IS

MY 6, 1-1

DET- AUTHORITIES SAY NO NERVE GAS IS STORED IN DET AREA

MY 6, 1-1

DENVER 70 WORKERS SUFFER EXPOSURE TO NERVE GAS AT ROCKY MT ARSENAL

JL 8, 20/1

TVA FERTILIZER IS PROVED TO BE INGREDIENT OF NERVE GAS

O 11, 11-1

ARMY SAYS NERVE GAS PARALYZES & KILLS

3 ABOVE TO BE PRODUCED IN NEW ORDNANCE PLANT IN DENVER  
 1-1954- O 14, 34-6  
 ---1956--- MR 14, 2-6  
 COLUMBIA U BIOCHEMISTS REPORT ANTIDOTE FOR NERVE GAS N 9, A-21-1 1\*  
 ARMY CHEMICAL CORP SAYS WHIFF OF NERVE GAS KILLS IN 4 MINUTES D 4, 2-4  
 GASED CAT FRIGHTENED BY MOUSE-ARMY HAS IT ON FILM-TOTH  
 ---1959--- JA 11, A-6-3  
 DR. IRWIN WILSON PRAISED BY JAPAN FOR HIS DISCOVERY OF "PAM" A 100 PER  
 CENT ANTIDOTE FOR NERVE GAS S 23, F-6-5  
 RUSSIAN NERVE GAS REVEALED-SHOENFELD ---1960--- JA 24, ROTO 16  
 SALVAGE CREWS DUMP WWII NAZIS POISON NERVE GAS SHELLS INTO ATLANTIC  
 F 5, A-6-3  
 U.S. HAS ENOUGH NERVE GAS ON HAND "TO KILL EVERY MAN, WOMAN & CHILD  
 IN WORLD" MR 3, A-21-4 1H  
 HAMBURG-W. GERMANY INTENDS TO DUMP IN OCEAN 28,000 WWII HOWITZER SHELLS  
 CONTAINING A DEADLY NERVE GAS MR 14, B-5-4  
 LONDON-BRITISH TEST NERVE GAS ON HUMANS MR 25, A-1-7 1H  
 KIEL, GERMANY-LOAD OF GERMAN NERVE GAS SHELLS FROM WWII DUMPED AT SEC-  
 RET SPOT IN NORTH ATLANTIC MY 25, B-5-1 MET 1  
 KIEL-SHIP TO CARRY 60,000 NERVE GAS SHELLS OUT TO NORTH ATLANTIC  
 & DROP THEM INTO WATER 12,000 FEET DOWN

- HAMBURG, GERMANY-GOVT BRINGS UP NAZI NERVE GAS DUMPED IN BALTIC SEA BY  
BRITISH, TO SINK IN DEEP ATLANTIC --1964-- AP 21, A-13-1 FIN3  
NEWPORT, IND.-IN CLOISTERED COMPLEX BLDGS. ON HILL IN WESTERN INDIANA,  
US BREWS & BOTTLES ONE OF WAR'S DEADLIEST WEAPONS-NERVE GAS  
--1969-- AP 27, A-6-1-3DOT  
WASH-OUTDOOR TESTING RESUMED UNDER NEW PROCEDURES AT ARMY'S  
DUGWAY PROVING GROUND IN UTAH JL 13, A-16-1 3DOT  
WASH-NERVE GASES WHICH KILLED UTAH SHEEP LAST YR. BEING  
TESTED IN OPEN AIR BY THE ARMY- JL 16, C-9-3LF  
WASH-ARMY DENIES PLANNING GAS PRODUCTION AT NEWPORT, IND.  
JL 18, A-1-1  
TOKYO-JAPAN ASKS U.S. TO CHECK REPORT OF NERVE GAS MISHAP IN  
U.S. BASE, OKINAWA INJURING TWENTY FOUR PERSONS-  
JL 19, A-3-7  
TOKYO-OKINAWANS SHOCKED BY REPORTS THAT US IS STORING NERVE GAS ON  
ISLAND JL 20, A-15-1  
TOKYO-OFFICIALS DEMAND WITHDRAWAL OF NERVE GAS BEING TESTED  
AT U.S. BASE IN OKINAWA- JL 22, A-8-1  
WASH- U.S. TO REMOVE ABOVE WHICH IS STORED ON OKINAWA-

-----1969-----AG4, A-3-1

DENVER- ROCKY MT. ARSENAL RESUMING ROUTINE SHIPMENT OF  
GAS PHOSGENE.

-----1970-----

JL30, A-23-1

WASH- REP. CORNELIUS E GALLAGHER, SAYS ARMY PLANNING TO MOVE TRAIN-  
LOAD OF ABOVE THROUGH SOUTH THIS SUMMER AND DUMP IN ATLANTIC OCEAN

JL 31, A-5-1 RACE

GOV CLAUDE KIRD DEMANDED ARMY ABANDON ~~THE~~ PLANS TO DUMP  
2,675 TONS OF GAS INTO ATLANTIC OCEAN OF SEABORAD

AG 14, D-9-1

UPROAR MIS OF EMOTIONAL HYSTERIA, POLITICAL CYNICISM, KNEE-  
JERK ANTI-MILITARISM & IGNORANCE--HEINL AG 42 14, D-9-1

JUDGE JUNE L GREEN REFUSED TO STOP DUMPING BUT URGED MORE  
SHALLOW SITE BE SELECTED

KAG 14, D-9-1 RACE

FED COURT DECISION APPEARED TO HINGE ON WHAT COULD HAPPEN  
XXX WHEN SINKS IN CRUSHING PRESSURES OF 3 MILES OF WATER

AG 15, A-7-5

TROPICAL STORM STALLS DUMPING

AG 29, A-27-1 HOME

US NAVY SHIP SEA LIFT LEFT OKINAWA FOR JOHNSTON ISLAND LOAD  
ED WITH 2800 TONS OF LETHAL NERVE GAS

GAS: NERVE

1973

S 24, A-2-3

ARMY CONFIRMS PLANS TO PRODUCE NEW NERVE GAS WHICH IS HARM-  
LESS UNTIL 2 CHEM. COMPONENTS TRIGGERED, AT PINE BLUFF,  
ARK. ARSENAL IN 1977 -1974--

JE 3, A-8-1

US ON VERGE OF PRODUCING NEW BINARY SYSTEM GAS KEEPING 2  
INGREDIENTS SEPARATE & HARMLESS UNTIL ACTUAL USE

N 10, C-10-1

DENVER-US ARMY HOPES TO HAVE ALL NERVE GAS CLUSTER BOMBS  
STORED AT ROCKY MOUNTAIN ARSENAL DESTROYED BY 1976

---1975---

JA 6, B-3-7

LONDON-BRITISH NERVE GAS FILES REPORTED OPEN, TAKEN OFF  
SECRET LIST

F5, A-18-1

DESTRUCTION OF ARMY ~~NERVE~~ NERVE GAS LAGS. N8, A-2-1

POLICE HAVE EVIDENCE TERRORISTS TO START USING  
TOXIC ~~NERVE~~ GAS.

-1977-

Mr 19, B-19-3

DENVER-REPORT OF MISSING BOMB WAS ERROR D 25, C-20-1

DENVER-ARMY ACCUSED OF TESTING IT ON GIs DURING SECRET  
PROGRAM IN 1961

---1978---

My 19, A-4-5 AM

WASH-DEF.SECY.HAROLDBROWN SAYS NERVE GAS BOMBS WON'T BE DE-  
STROYED, TO BE MOVED TO UTAH

---1979---

JA 25, A-8-1 AM

WASH-ARMY DENIED PERMISSION TO BUILD PLANT TO PRODUCE NERVE  
GAS FOR ARTILLERY SHELLS, BUDGET CUT

MR 26, A-4-2

DUGWAY-ARMY BLOWS UP 26 NERVE GAS-FILLED LAND MINES.

MY 4, A-3-4

SALT LAKE CITY-GOV. MATHESON WILL FIGHT ARMY'S PLAN TO TRANS-  
FER 900 NERVE GAS BOMBS FROM COLO TO UTAH.

F 26, A-5-1

WASH-DEF.DEPT. TO KEEP NERVE GAS BOMBS STORED AT ROCKY MT. ARSE-  
NAL IN DENVER INSTEAD OF MOVING TO UTAH

F 27, A-4-1 2 Dot

WASH-PENTAGON TO RETAIN NERVE GAS BOMBS AT DENVER ARSENAL

-1980-

MR 5, A-12-4

ISLAMABAD-REPORTS THAT SOVIETS DROPPED NERVE GAS BOMBS ON  
MOSLEM GUERRILLAS IN AFGHANISTAN.

GAS : NERVE

1981

MR 5, A-3-1

DC-REAGAN TO ASK FOR MONEY FOR PRODUCTION OF NEW GAS WEAPON

JL 27, A-4-3

DENVER-ARMY MAKING PLANS TO MOVE LARGEST TRANSFER OF TOXIC  
CHEMICALS FROM HERE TO TOOELE ARMY DEPOT IN UTAH.

N 11, A-1 -2

250 ACRES IN COLORADO FOR STOCKPILES-SEAGRAVE

-1982-

F 9, A-2-6

DC-U.S TO MAKE NERVE GAS AGAIN

F 26, A-2-1ST

DC-ENZYME MAY BE ABLE TO NEUTRALIZE DEADLY NERVE GASES OF  
US & RUSSIA

JL 23, A--2-1

DC-HOUSE VOTED AGAINST \$54 MILLION FOR NEW GENERATION OF  
NERVE-GAS WEAPONS.

JL 23, A-2-2

PRES. REAGAN GETS DEFENSE SETBACK WHEN HOUSE NERDENES  
NERVE-GAS FUNDS.

-1982-

AG13, A-1-5

DC-PANEL SPURNS CUTS IN PRODUCTION

-1983-

JE 16, A-4-4

DC-HOUSE REFUSES NEW FUNDING

JL 14, A-1-4

DC- SENATE NOTED FUNDS TO REPRODUCE NERVE GAS WEAPONS.

AG2, A-4-5

DC-PANEL VOTES TO RESUME NERVE GAS PRODUCTION

AG 8, A-4-5

DC-U.S SEEKS SOVIET PACT ON NERVE GAS

O 21, A-13-4

DC-PANEL VOTED TO DELETE ALL FUNDS FOR PRODUCTION OF  
NEW GENERATION OF NERVE GAS WEAPONS.

N 1, E-8-1

DC-SEN P PANEL VOTED TO DROP ALL PRODUCTION FUNDS FOR 2  
NERVE GAS WEAPONS.

N 9, A-1-5

DC-SEN APPROVED PRODUCTION OF NEW NERVE GAS WEAPONS.

N 18, A-2-1

DC-\$249 BILLION MILITARY SPENDING BILL APPROVED THAT CONTAINS NO MONEY FOR NERVE GAS PRODUCTION.

-1984-

MY 1, A-14-4

DC-US PRODUCTION OF NERVE GAS COULD LEAD TO GLOBAL PROLIFERATION OF CHEMICAL WEAPONS

MY 18, A-2-6

DC-HOUSE REJECTS PLAN TO RESTOCK NATIONS NERVE GAS STOCKS

MY 18, A-2-52DOT

DC-3RD REJECTION FOR NERVE GAS BID

O 21, A-6-1

DENVER-ARMY, EPA AGREE ON ARSENAL PLAN

D 28, A-8-1AM

BOSTON-JUDGE ALLOWS CONTINUED TESTING OF NERVE GAS

-1985-

F 11, A-1-3

DC-U.S NO LONGER BELIEVES SOVIETS WOULD USE NERVE GAS ON 'MASSIVE' SCALE IN WAR IN EUROPE

-1985-

My 23, A-1-5

DC-Sen voted to end US suspension of chemical weapon development

J1 26, A-2-5

DC-House & Senate negotiators agreed to defense bill that permits building of new chemical weapons.

-1986-

Ag 8, A-2-4

DC-V-P Bush's vote helps reject attempt to stall new chemical weapon

O 28, A-9-1

London-Iraq called nerve gas maker

-1987-

My17, A-6-6

London-Cypriots charged in blackmail plot

O 7, A-3-2

Pine Bluff Ark-nerve gas plant reopening-Lundstrum

Ja 31 A-3-1 No Dot  
Juhwan Yun, 48, Korean-American businessman, chgd with  
illegally exporting nerve gas, possibly to Iran.

-1990-

Jl 26 A 3-1

A convoy of trucks today began removing a vast cache of  
deadly nerve gas

O 28 A 3-5

Honolulu-Bush reassure Pacific island leaders that their  
pristine ocen will become a dump for deadly chemical weapon  
or hazardous wastes

-1991-

Ja 18 A-4-4

Nerve gas is fairly ineffective as a mass killer.--Angell

-1992

S 16 A 2-5

Soviet developed top secret lethal binary nerve gas

S 21, A-2-6

NewDelhi-Govt.to prosecute Indian firm that exported this  
chemical to Syria without authorization

-1995-

Mr 20 A 1-4

Tokyo-Nerve gas spread thru Tokyo subway system today, killing 6, sickening thousands; terrorists blamed Mr 21 A 5-1  
D.C.-U.S. officials say they're ill-equipped to prevent terrorist use of lethal chemical agents; effects of nerve gas

-1996-

S 23 A 4-2

Denver-Army using minks to test nerve gas byproduct; hope they can use less-restrictive stds -1997- Mr 27 a 2-3

NY-After standoff with Lester Deily, 52, barricaded in Queens home, cops found canister of nerve gas  
-1998-

Je 09 a-1-6

DC-Investigation ordered into report that US Special Forces used nerve gas in Vietnam War

GAS : NEVADA

1961

AP 17, A-10-4

FALLON-TRUCK CARRY ANHYDROUS AMMONIA CONCENTRATE, CRASHED, FUMES FORCE  
EVACUATION OF AREA

-----1962----- AP 2, A-1-1 LF

LAS VEGAS-CHLORINE GAS USED FOR SWIM POOL, PURGED FROM BROKEN VALVE  
AT STARDUST HOTEL OVER COMES SEVERAL PEOPLE; 75 RUSHED TO HOSPITAL

GAS : NEW JERSEY

1950

NON-ESSENTIAL INDUSTRIES ORDERED TO HALT CONSUMPTION IN SHORTAGE THREATENING HOMES

~~1953~~

D 21, 1-1 BS 2

N 28, 4-1

LIVES 12,000 IN NJ IMPERILED BY GAS-EDIT

GAS: NEW YORK

1931

Form 1656

The Detroit News Mr 4, 2-5

Locate new wells in southern NY

---1942---

Ag 8, 1-4

FUMES IN SUBWAY STUDIED BY CHEMISTS; MYSTERIOUS GAS  
CONSOLIDATED EDISON CO. ASKS CURTAILMENT DUE TO SHORTAGE OF OIL

D 18, 41-4 BSMO

---1948---

JA 26, 2-4 BS 2

SPRING VALLEY-GAS TO INDUS. USERS CUT OFF

---1953---

N 27, 12-4

NEWARK-12,000 RESIDENTS OF CITY ENDANGERED BY SABOTAGE OF GAS VALVES  
OF STRIKEBOUND PUBLIC SERVICE ELECTRIC & GAS CO.

---1955---

S 14, 25-1

MINNEAPOLIS-REPORT SHOWS AIR OVER NEW YORK IS CONTAMINATED EACH YR WITH  
MORE THAN 1½ MILLIONS TONS OF GAS

---1959---

JL 15, 35-5

JOHNSTOWN-PERSONS IN 8 BLOCK AREA EVACUATED FROM THEIR HOMES WHEN A  
HOSE FROM CHEMICAL TRUCK BURS & SENT SULPHUR DIOXIDE GAS OVER A LARGE  
AREA

---1969---

Mr 25, A-11-5

NY-IRRITANT LEAKED FROM GAS CYLINDER AT KENNEDY AIRPORT, SCORES OF PEOPLE  
SENT TO AIRPORT INFIRMARY

---1974---

D 23, D-4-1 RACE

NY-1 KILLED, 17 FIREMEN OVERCOME BY CYANTIDE-TYPE GAS FROM  
DUST USED TO GET RID OF SQUIRRELS

GAS: NITRIC OXIDE

1992

Jl 27, E-1-1

It appears to control blood vessel dilation, kill parasites & regulate nerve impulses in brain

-1993-

F 11 A 11-1

Nitric oxide is becoming an effective treatment for deadly lung ailments.

GAS : NITROUS OXIDE

1996

Ja 4 A 12-1

Also called "laughing" gas;becoming the inhalant of choice  
among teens;easy to purchase; can be deadly-Rizk

GAS : NORWAY

1950

61,000 FLEE GAS FUMES IN 2 NORWEIGIAN CITIES

MY 5, 18-2

-1986-

Je 9, A-18-1

Norway to the Rescue=Edit

Form 1656

JA 16, 4-2

EMERGENCY CREW OF 25 MEN REPLACE 300 STRIKING MEN TO MAINTAIN GAS SERVICE FOR CITY

JA 18, 29-3

TOLEDO INDUSTRIAL PEACE Bd. CALLS CONFERENCES IN GAS STRIKE

JA 19, 5-1

OTTAWA HILLS, CITY'S EXCLUSIVE SUBURB, FACES LONG SHUTOFF, STRIKE

JA 21, 2-4 MAIL

EDWARD F McGRADY, US INTERMEDIARY, ARRANGES NEW NEGOTIATIONS

JA 26, 3-3

GAS STRIKE ENDS; WORKERS GET MORE PAY & 40-HOUR WEEK

AP 28, 4-7-BLST

2 COMPANIES THREATEN TO CLOSE DOWN, CITY LOOKS TO MICH, GAS FIELDS FOR SUPPLY

AP 29, 2-5 W S C

TOLEDO DEFIES GAS. Co. WHO THREATENED TO TURN OFF GAS

MY 1, 3-5 CITY

JNO W SMITH, DET., JOINS FIGHT ON NEW RATES AT ABOVE

1972

GAS: OHIO

JA 14,A-3-1 FIN

15,000 PERSONS IN ST BERNARD SECTION OF CINCINNATI WARNED  
TO STAY IN HOMES OF BUSINESS BECAUSE OF TOXIC GAS LEAKING  
FROM RR TANK CAR ON SIDING

GAS - OKLAHOMA

1933

Form 1656

The Detroit News

MR 10,24-2

SHARP REDUCTIONS IN RATES ORDERED

---1966---

AP 17, B-6-5

HENNESSEY-MRS. NEWTON BUGG GAS WELL DUG 45 YRS AGO ON HER FARM HAS JUST  
NOW ROARED TO LIFE SPEWING FLAMING GAS AROUND

---1973---

MR11, A-9-1

NORMAN, OKLA---~~ROXXXX~~ PROPANE GAS FORCED GIANT BOULDERS  
THROUGH GROUND NR. ELK CITY ---1974---JE 13, C-11-1FIN

TOXIC GAS LEAD ROUTS 6000 FR. TOWN OF NORMAN- LEAK  
CAUSED BY DETAILED TRAIN.

1935

GAS: P.D.B.

Form 1656

S 20,18-7

NYS EXPERIMENT STATION AT GENEVA USING ABOVE TO KILL PEACH TREE BORER

PITTS-CONSOLIDATION COAL Co TO CONVERT 100,000 ACRE TRACT TO MFG COAL-  
DISTILLED GAS MR 25, 25-6  
SHORTAGE OIL THREATENS TO CLOSE DOWN PHILA GAS WORKS 27, 20-4

-----1954----- JA 26, 1-1  
CARBONDALE-POLICE MAINTAIN 24 HR PATROL FOR SIGNS OF CARBON MONOXIDE  
FUMES SEEPING FR. ABANDONED COAL MINE HERE

-----1958----- D 12, 31-5  
PITTS-GAS LINE FAILURE IN BALDWIN & CARRICK AREAS

---1966--- N 25, A-2-1  
SCRANTON-FUMES FROM UNDERGROUND FIRE HIT CITY OF SCRANTON

GAS:

PENTANE

1938

Form 1656

D 6,3-1

PENTANE GAS ESCAPING FR PLANT OF SHARPLES SOLVENTS CORP. IN RIVERVIEW,  
MICH., TRAFFIC DETOURED

Ja 4 B 2-2

Holland- Police in Allegan County use pepper gas to subdue lawbreakers.

Ag 02 A 2-1

Many police agencies, incl. Metro Det, switching to pepper gas, or combina. of pepper-gas and tear gas-Deep

O 31 C 2-1

Ypsilanti Willow Run High evacuated Friday when pepper gas released inside bldg.; 7 treated

-1994-

Ap 20 B 1-2 N

John Glenn High School student faces chrgs for twice spraying pepper gas-McClellan

-1995-

Je 19 A 2-1

Controversy surround use of pepper spray by polic agencies. Javier Trejo died aft being sprayed with it

-1997-

Ja 27 C-3-6

Bloomfield Twn.-Fire officials say a prankster let loose some pepper spray in theater, about 800 people evacuated.

GAS : PETROLEUM

1945

PETROL ADM LIFTS RESTRICTIONS ON ABOVE

AG 25, 2-8

My 21, 32-2

11 die, Hamburg, above escapes from chemical  
factory, My 21 (Germany)

My 22, 1-2

Wind dissipates gas at Hamburg, Ger., 11 dead, 200 in  
hospitals.

My 23, 1-4

Source of gas in Hamburg, Ger., traced

My 27, 1-21-7

Source, ownership, destination of gas escaping,

Hamburg, unknown

---1935---

O 27, 1-1-2 MICH

WINTER MOTORISTS WARNED OF PERIL IN PHOSGENE GAS

-----1969-----S12, A-2-3

Form 1656- 30,000 EVACUATED The Detroit News  
ON OF PHOSGENE.

-1975-

S 16 A-14-5

Truck spilled 150 gallons on LA Hollywood Xway, driver suffered minor chemical burns.

-1988-

Mr 23 A-3-2

DC-EPA chief bars use of Nazi data on poison gases.

GAS: PIPELINES: AFRICA

1960

JA 3, A-20-4

ALGERIA-CONSTRUCTION OF 300 MILE PIPELINE TO BRING NATURAL GAS FROM  
ALGERIAN SHARA TO HERE TO BEGIN SOON

GAS: ~~NATURAL~~: PIPE LINE: ALASKA

1970

6 FIRMS JOIN IN \$12 MILLION STUDY TO DETERMINE WHETHER N.  
GAS CAN BE PIPED FROM NORTH TO CANADA TO U.S

---1972---

JL16 C-11-2

F 29, A-8-6 FIN

DELAY IN CONSTRUCTION OF ABOVE FROM ALASKA NORTH SLOPE  
TO US MIDWEST PLUS DESIGN CHANGES ALREADY DOUBLED ORIGIN  
AL COST \$2.7 MILL SAYS WILBER H MACK

MR 1, C-6-5 RACE

WILBER H MACK TOLD NATL ASSOC OF REGULATORY UTILITY  
COMMISSIONERS IN WASH LITTLE DOUBT TECHNICALLY FEASIBLE TO  
CONSTRUCT NATURAL GAS PIPELINE FROM ABOVE TO EASTERN  
CANADA & US WITHOUT PERMANENT DISRUPTION OF ENVIRONMENT

MR 30, C-11-7

ARCTIC GAS PIPELINE STUDIES TO BE COMPLETED THIS YEAR.

AP 23, A-12-1 IDOT

ROBERT P GRIFFIN URGED HEARINGS ON PROPOSED PIPELINE TO RE  
REOPENED TO CONSIDER ALTERNATE ROUTE THROUGH CAN TO MIDWEST

---1972---

JE15, A-18-1

16 FIRMS JOIN IN \$5 BILLION VENTURE: GAS PIPELINE FROM  
ARCTIC STUDIES---DOUGLAS

JE 29, C-3-1

OTTAWA-DONALD MACDONALD PROPOSED THAT CANADA SHOWS INTEREST TO CONTROL  
ALASKA PIPELINE

--1974--

MR 21, A-17-3

GROUP OF 27 GAS PRODUCERS FILES PER OK FROM CANADIAN GOV'T  
FOR SPUR PIPELINES IN ALBERTA; ELPASO NATURAL GAS CO. FIGHTING  
BLDG. OF PIPELINE-HANSEN

MY 15, A-18-1

6-MEMBER CONSORTIUM INC. MICH. WISCONSIN CO. FILES APPLI-  
CATION TO BUILD AMER. SEGMENT OF ALASKA PIPELINE-HANSEN

MY 29, B-6-1

OUR FUTURE AT STAKE IN CONSORTIUM FIGHT VS. ELPASO NATURAL  
GAS CO. FOR NORTH SLOPE GAS-EDIT.

S19, C-13-1

ALBERTA GAS TRYNK LINE CO. WITHDRAWING SUPPORT ON PIPE-  
LINE-HANSEN

S 25, B-7-1

BATTLE HEIGHTENS TO SEE WHO'LL GET ALASKAN GAS PIPELINES--  
HANSEN

D31, B-2-6D

NATURAL GAS-CUSTOMERS WILL PAY MORE FOR ALASKAN GAS.

GAS: PIPELINE: ALASKA

1975

SNOW NEEDED TO PROTECT TUNDRA <sup>MY15, C-10-3</sup> PIPELINE BEING  
BUILT- SNOW MAKING MACHINES MAY BE BROUGHT IN <sup>MY18, C-4-1</sup>  
ALASKAN ARCTIC GAS PIPELINE CO. REPRESENTING MICH. AND EL  
PASCO NATURAL GAS CO. FIGHTING FOR RIGHTS TO GAS IN ALASKA.  
WILLCOX JL 30, B-14-1 EDIT  
GAS-DEAL GUARANTEE NEEDED WITH CANADA OVER PIPELINE-EDIT

S 3, C-7-4

WASH-REP ASPIN SAYS STUDY BIASED IN FAVOR OF ALASKA TO W  
COAST, NOT THRU CANADA --1976-- F 29, B-4-1

DC-BATTLE HEATS UP OVER ROUTE OF PIPELINE-PETERSON  
D 9, A-20-1

WASH-FEDPOWER COMM. URGED TO APPROVE PROPOSAL OF PIPELINE  
FOR MOVING ALASKAN NATURAL GAS TO MICH. & 7 OTHER MIDWEST STATES  
-PETERSON

--1977-- F1, A-2-5  
TRANS CANADA GAS LINE URGED BY FED. POWER COMM

----1977---- F 2, A-8-1 2DOT

JUDGE NAHAM LITT OK'S PIPING GAS FR. ALASKA TO  
MIDWEST.-PETERSON F3, B-6-1

PRELIMINARY FPC DECISION ON GAS LINE FR. ALASKA  
TO MICH CALLED BENEFICIAL .EDIT F11, A-8-1

SEN. TED STEVENS SAYS NATURAL GAS FR. ALASKA SHOULD BE  
TRANSPORTED ACROSS CANADA. MY 13, D-16-2

WASH-MORRISK. UDALL SUPPORTS PLAN FOR ALASKAN NATURAL GAS  
PIPELINE ACROSS CANADA MY 25 C-1-1

WASH- CANADIAN INDIAN LEADERS FEAR INDIANS WILL LOSE  
IN DEAL TO DIVIDE UP LANDS FOR PIPELINE. JL 3, B-8-1 W

ANS-PRES. JIMMY CARTER ASKED BY MICH. GOV. WM. G. MILLIKEN TO  
APPROVE TRANS-CANADA PIPELINE FOR ALASKAN NATURAL GAS

JL 5, A-1-5

OTTAWA-ALASKA HWY. RECOMMENDED TO BRING PRUDHOE BAY NATURAL GAS  
TO US STATES FROM CANADIAN ROUTE-WARD JL 6, B-6-1

NATURAL GAS FROM ARCTIC AS CAN HIGHWAY PIPELINE NO THREAT TO  
STATE SUPPLY-EDIT

1977

~~GAS : PIPELINE: ALASKA~~ ~~JL31, A-1-2~~

GAS PIPELINE THREATENS LIFE STYLE OF INDIANS AND ESKIMOS.

CAIN

Ag3, A-1-4

CANADA IS URGED TO DEBAY GAS PIPELINE BY SPECIAL  
BLUE RIBBON COMMITTEE.-WARD.

Ag 7, A-17-2

OTTAWA-CANADA PLACES CONDITIONS ON GAS LINE-WARD

Ag 9, A-11-1

OTTAWA-CANADA ACCEPTS ALASKA HIGHWAY ROUTE FOR PIPELINE

Ag 10, A-10-1

DC-INTERIOR CHIEF ANDRUS BACKS ALCAN ROUTE Ag 10, B-10-1

BOOST FOR CANADA-EDIT

Ag 25, A-17-1

DC-CARTER BIDES TIME IN DECISION ON ALCAN ROUTE

S 1, A-13-1 2Dot

WASH-PRES.JIMMYCARTER TO APPROVE ALL-OVERLAND PIPELINE ACROSS

CANADA TO BRING GAS TOUS WEST&MIDWEST S 3, A-3-1

OTTAWA-US, CANADA AGREE ON PIPELINE ROUTE

-1977-

S 4, A-14-1

ALL-U.S.-ALASKA GAS PIPELINE HOPES STILL ALIVE S 8, A-1-6

DC-CARTER & TRUDEAU OK YUKON PIPELINE TO U.S. x6

S 9, A-1-3 1Dot

ALCAN PIPELINE CO. MAKES BID FOR US SECTION OF TRANS-CANADA GAS PIPELINE  
PRIVATELY FINANCES

S 10, A-15-1

WASH-JAMES SCHLESINGER EXPECTS EARLY APPROVAL BY CONG. OF AGREEMENT WITH  
CANADA FOR ALASKA PIPELINE

S 11, A-4-1

NEW GAS PIPELINE AS PROPOSAL APPEARS FAIR TO BOTH CANADA & U.S.-EDIT

S 23, E-5-1 2Dot

WASH-HOWARD BOYD BACKS TRANS-CANADIAN PIPELINE FOR ALASKAN  
NATURAL GAS TO US MARKETS

N 6, E-8-1

GOOD NEWS FOR USERS OF GAS, NEW OVERLAND GAS PIPELINE FROM  
ALASKA-EDIT

-1978-

F 25, A-5-3

DC-U.S. FIRMS MAY LOSE IN BUILDING THE CANADIAN LEG

S 11, A-3-6

WASH-ROBT. C. BYRD SAYS THAT PIPELINE WILL BE JEOPARDIZED IF  
NATURAL GAS BILL DEFEATED IN CONG.

# GAS : PIPELINE : ALASKA

1980

SANFRAN-\$40 MILLION CONTRACT AWARDED FOR CONSTRUCTION OF 1ST  
LEG OF ALASKA NATURAL GAS PIPELINE. -1981- 0 16, A-7-1-2DOT  
REAGAN PLAN CALLS FOR ALASKAN PIPELINE TO BE FINANCED PARTLY  
THRU CUSTOMER'S BILLS. N 11, A-15-1AM  
DC-SENATE OKS PLAN D 1, C-14-1  
DC-GAS CUSTOMERS, MICH INCL MAY BE BILLED IN ADVANCE FOR  
\$40 BILLION PIPELINE. PREBILLING ATTACKED.-PETERSON  
PAUL NEWMAN SAYS PIPELINE WILL MAKE THE RR ROBBER BARONS  
LOOK LIKE CHEAP STUFF D 9, A-7-3  
DC-HOUSE VOTES GAS PRICE CHANGES D 9, A 1901 4DOT  
DC-SNAG FORCES NEW VOTE ON PIPELINE D 10, A-13-3  
DC-BILL CLEARS HOUSE, GOES TO REAGAN (CONSUMERS TO PAY FOR  
PIPELINE IN ADVANCE)-PETERSON D 11, A-7-1

-1982-

JA 29, B-3-2

LANS-SUIT TO PREVENT GAS USERS FROM PAYING NOW FOR PLANNED  
PIPELINE HAS MICH'S SUPPORT.

SALT LAKE CITY-MONEY WOES STALL PIPELINE

MY 22, A-9-1

AMER NATURAL RESOURCES WITHDRAWS FROM PARTNERSHIP FORMED  
TO CONSTRUCT PIPELINE.

-1997-

O 19 A-8-1

ANCHORAGE, Alaska-Smithsonian exhibit will recognize 20th  
anniversary of pipeline-changes in state

EXPLODES NEAR CALDWELL, O. : FLAMES SPOUT 500 FT IN AIR  
---1952---  
LINE BLEW OUT MR 20 NEAR BERKEY, OHIO

JA 20, 2-6

MR 21, 4-5

RIZELY BILL NOW IN US SEN COMM. WOULD REMOVE SOME REGULATORY POWERS  
OF FPC OVER PIPELINES-PATTON

F 18, 1-6

1969

GAS:PIPELINES: BOLIVIA

~~N 5, D-9-1~~

BUENOSAIRES-BOLIVIA ASKS ARGENTINA'S ASSISTANCE ON PIPELINE-

GAS : ~~XXXXXX~~ : PIPELINES : CALIFORNIA

1949

MORENO-BREAK IN CROSS-COUNTRY LINE ENDANGERS TOWN

JA 19, 1-4 BS 2

OTTAWA-ENGINEERS START SURVEY WORK ON 1,000 MILES PIPE LINES  
 MY 2, 8-5  
 D 10, 1-4

FILIBUSTER IN HOUSE OF COMMONS KILLS 2 BILLS FOR CONSTRUCTION 2 LINES  
 FROM ALTA. TO W. CAN. & US  
 D 23, 13-2

CANADA'S GAS FOR U.S. BECOMING MORE UNLIKELY DAILY; REP. BENNETT BACKED  
 BY MICH. BEEN URGING PIPELINE FR. ALBERTA

GOV'T GRANTED CANADA PIPE LINES LTD. CONDITIONAL PERMIT TO BUILD  
 A \$300,000,000 NATURAL GAS PIPELINE FR ALBERTA TO EASTERN CANADA  
 J 26, 28-88B  
 S 12, 1-7-1

20 IN GAS PIPE IS PUT ACROSS NIAGARA RV

S 14, 35-4 5\*

NEW ORLEANS-TRANS-CANADA LINE FOR OIL FORECAST

FINANCING TO DELAY TRANS CANADA PIPELINE FOR A YR.

R 20, B-7-7  
 MR 30, 56-1

PLANS FOR ABOVE ARE DAMPENED AT THOUGHT OF GOVERNMENT CONTROL

ROW OVER 2200 MILE LINE STIRS PARLIAMENT-DOWNTON

MY 20, B-1-6

OTTAWA-FISTS SHAKEN IN CANADIAN PARLIAMENT OVER PASSAGE OF TRADE MINIS-  
 TER C.D. HOWE'S PIPELINE BILL  
 JE 3, B-5-2

AM. TRANS-CAN. GAS PIPELINE BILL PASSES IN HOUSE OF COMMONS  
 JE 6, 19-2-5\*

FIREWORKS AT OTTAWA-EDIT.

JE 8, 32-1

OTTAWA-CANADA PIPELINE BILL

-----1956-----

JE 8, 15-2

JL 5, 18-3

OTTAWA-CANADA PIPELINE FINALLY IS BEGUN BUT U.S. STEEL STRIKE THREATENS TO DELAY PROJECT-DOWNTON

-----1957-----

F 12, 31-5 LF

TRANS-CAN. PIPE LINES LTD. OF PERINGS NEAR

-----1959-----

JL 9, 15-1

FED. POWER COMM. TO BEGIN HEARINGS JUL 27TH ON APPLICATIONS BY 2 PIPELINE FIRMS TO IMPORT NATURAL GAS FR. CANADAN FOR CONSUMPTION IN N. DAKOTA,

MINN, MICHIGAN & WISCONSIN

N 9, R-4-7

MIDWESTERN GAS TRANSMISSION CO. EXPECTS TO BEGIN LAYING PIPE NEXT SPRING TO PROVIDE FIRST CANADIAN NATURAL GAS TO NORTH CENTRAL STATES FOR THE 1960-61 HEATING SEASON

-----1960-----

Ap 7, D-10-8

EDMONTON, ALTA.-PEMBINA PIPELINE LTD. PLANS \$140, MILLION PIPELINE FROM ALBERTA TO LAKE MICH. AREA

JL 5, C-8-5

HOUSTON, TEXAS-MIDWESTERN GAS TRANSMISSION CO. AWARDS A \$52 MILLION CONTRACT TO CONSTRUCT A PIPELINE TO BRING CANADIAN NATURAL GAS INTO UPPER MIDDLE WEST FOR FIRST TIME

-----1965-----

D 30, C-4-1

NY-NORTHERN NATURAL GAS CO TO ASK FPC FOR PERMISSION TO BUILD PIPELINE TO TRANSPORT CAN GAS ACROSS US

GAS : PIPELINE: CANADA

1966

D 24, A--8-7

WASH-CANADA-U.S. PIPELINE CASE REOPENED BY FPC

--1967---

F 17, A-18-1

NEW HEARINGS TO KILL PIPELINE?--A COSTLY FPC DELAY-EDTT

MR 6, C-8-1

WASH-US WANTS TO SPEED DECISION ON CANADIAN GAS

---1972---

JF 21, B-6-4 W

PUBLIC HEARING ON PROPOSED GAS PIPELINE UNDER DET. RIVER, BENEATH RIVER  
BED BETWEEN US & CANADA, DESIGNED BY DOME PETROLEUM LTD.

Ag 23, B-10-6 W

WYANDOTTE AND TRENTON OFFICIALS HAVE DELAYED APPROVAL OF A  
CANADIAN FIRM'S PROPOSAL TO LAY UNDERGROUND LIQUID GAS  
PIPELINES THROUGH THE TWO CITIES--BULLARD

017, B-3-4 W

WYANDOTTE--OFFICIALS APPROVE PROPOSED CANADA-OHIO LIQUID  
GAS PIPELINE--BULLARD ---1973---

JA 10, C-1-1

PIPELINE TO CARRY LIQUID PETROLEUMS, FROM GAS FIELDS OF  
ALBERTA, CANADA TO MARYSVILLE--DOUGLAS

--1976-- F8, E-1-6

CANADIAN COST NOW ESTIMATED AT \$7.5 BILLION

-----1977-----My3, C-8-3

PRES CARTER MUST DECIDE ON PIPELINE ROUTE. MY10, D19-7 1DO  
REPORT BACKS PIPELINE BAN IN CANADA IN MACKENZIE RIVER  
VALLEY.

My12, C15-3

WALTER ANNENBERG, WARNS US NOT TO PIPE GAS VIA  
"UNFRIENDLY " NATION LIKE CANADA. S 4, A-14-1  
ALL-US-ALASKA GAS PIPELINE HOPES STILL ALIVE

S 8, A-1-6

DC-CARTER & TRUDEAU OK YUKON PIPELINE TO U.S

-1978- F 24, A-4-3

OTTAWA-HOUSE OF COMMONS OKS PIPELINE AP 5, A-10-2

OTTAWA-COMMONS OK NATURAL GAS PIPELINE FROM ALASKA THRU  
CANADA TO U.S

-1979- Mr 4, A-1-2

DC-CARTER ASSURES TRUDEAU, WILL BUILD PIPELINE

-1985- O 18, B-9-2

Machine punctured gas main along pipeline nr Oshawa, Ontar  
io. Incident sparked explosion that killed 1, injured 3

GAS: PIPELINE: CANADA

1989

D 13 E 2-3

Ceremony marks opening of major gas pipeline between U.S.  
& Canada

GAS : ~~NATURAL~~ : PIPELINES : DETROIT

1940

Form 1656

MY 4, 1-6

HINT MICH CONSOLIDATED GAS CO TO INCREASE DET. SUPPLY BY BLDG. OWN COMPETING PIPELINE-MOODY

---1943---

AP 8, 1-4

PANHANDLE EASTERN TO DOUBLE PIPELINE TO DETROIT

---1945---

S 6, 29-2

OFFICIALS SEEK TO REMOVE STOPPERS FR GAS PIPELINE TO DET.

---1947---

JA 25, 15-1

WM ED DOWLING TELLS WHY DET OPPOSES 2ND NAT GAS PIPELINE -  
AUSTIN FIELD PIPELINE CO. ASKS FPC ACT ON APPLICATION TO BUILD PIPELINE

AP 24, 5-1

O 29, 36-7

SEC ASKED TO PERMIT LIGHT & TRACTION TO USE \$14 MILLION TOWARD CONSTR  
\$100 MILLION PIPE LINE FR TEX TO DET. AREA

---1951---

MR 19, 6-4

PACT FOR NEW PIPE LINE CONTRACT BETWEEN MICH. CONSOLIDATED & GULF-MICH.  
CO. ASSURES DET. AREA OF GAS FOR 1952

---1953---

N 11, 30-4

AMER. LOUISIANA PIPELINE CO. SAYS DETROIT WILL HAVE AMPLE GAS BY 1955

---1954---

F 9, 20-2

HEARING ON APPLICATION OF AMER LOUISIAN PIPE LINE CO FOR OK TO BUILD  
LINE TO DET IS SET FOR MR 8TH  
AMERICAN LOUISIAN PIPE LINE CO QUESTIONED CONCERNING ITS GAS SUPPLY

AP 28, 62-1

~~---1954---~~

MY 18, 16-1

MICH CONSOLIDATED GAS CO SAYS 90,000 HOMES IN DET CAN HAVE GAS HEAT  
IF FPC WILL APPROVE NEW PIPELINE FR LOUISIANA

~~---1957---~~

MY 26, B-18-3

DROPPING DET. PIPELINE TO BE STUDIED AT PUB SERVICE COMMSN HEARING-

-1989

S 16 B 10-1

Govt approved construction of a natural gas pipeline link-  
ing storage facilities in Det and Ontario

GAS : PIPELINES EDT. .

1954

ON PROB<sub>A</sub>TION-~~EDT.~~PRES. EISENHOWER SIGNED HINSHAW BILL

MR 30, 22-1

GAS: PIPELINES: FLORIDA

1961

MR 2, D-6-5

FPC OK'S HOUSTON TEXAS GAS & OIL CORP & COASTAL TRANSMISSION CORP TO  
BUILD MORE THAN 300 MILES OF PIPELINE IN FLA.

1959

GAS: PIPELINE: FRANCE

MY 20, 12-1 1H

DALLAS, TEXAS-FRANCE TO BEGIN TEST SOON OF SUBMARINE PIPELINE SYSTEM  
FROM WEST ALGERIA TO SOUTH-EAST SPAIN

AG 10, 13-5

PARIS-FRENCH STUDY PLANS FOR GAS PIPE UNDER MEDITERRANEAN

GAS: PIPELINES: INDIANA

1955

1 11, 32-8

ORLEANS-GAS PIPELINE EXPLODES NR HERE 0 10TH

GAS : PIPELINE: IRAN

1973

~~D16, B-14-1 2001~~

IRAN TO CONSTRUCT WORLD LONGEST GAS PIPELINE TO  
EUROPE VIA TURKEY AND GREECE.

---1978--- N18 A-3-1

FRIGHTENED RUSSIANS ARE LEAVING IRAN.

GAS : PIPELINES : KENTUCKY

1985

Ap 29, B-5-2

eaumont-pipelint explosion kills 5, injures 3, left 35ft  
crater, destroyed 4 homes

GAS: PIPELINES: LITTLE INCH

1957

JA 23, 63-2

YORK, PA.-"LITTLE INCH" EXPLODES NEAR HERE TODAY

1968

GAS : PIPELINES : LOUISIANA

S 15, D-15-1

BARGE WORKER EDWARD FENNELL TELLS WHAT IT IS LIKE WORKING  
IN CONFINED QUARTERS ON BARGE-TREMBLAY

GAS: PIPELINE: MARYLAND

1972

D6, A-20-3

Wash-----Sierra Club and Maryland Conservation Council  
agree to drop suit barring natural gas import project

NATL. TUBE CO. AWARDED ORDER FOR 11,000 TONS GAS PIPE FOR LOOPING LINE  
 OF MICH. GAS TRANSMISSION CO. IN IND. **Form 1656** **AP 6, 7-3**  
 ---1941--- **JE 28, 3-2**  
 PUB. SERVICE COMM. TO ACT ON CONSUMERS POWER REQUEST FOR PERMISSION TO  
 PIPE GAS TO 66 MICH. CITIES ---1942--- **JA 20, 11-2 CITY**  
 PUB. SERVICE COMMSN. ASKED TO REOPEN PIPELINE PERMIT-  
 LINE TO FLINT FINISHED **MY 12, 17-5**  
 PUBLIC SERVICE COMMSN. TO HAVE HEARINGS ON LINES **AG 6, 34-5**  
 MICH. GAS TRANSMISSION CO. & OHIO FUEL GAS CO. FIGHT OVER CONSTRUCTION **SY 5, 2-5**  
 18-MILE LINE FR MICH. INTO OHIO ---1944--- **AP 20, 37-7 BS**  
 HEARINGS ON ALBION PIPELINE ADJOURNED TO **MY 17**  
 HEARING JE 7 ON EXTENSION TO ALBION, MICH. **MY 5, 27-6**  
 TO BUILD LINE FROM GREENVILLE TO BELDING **JL 28, 16-4**  
 ---1946--- **JE 11, 9-2**  
 FPC GRANTS PANHANDLE EASTERN PIPELINE CO. ADDITIONAL LINES **JL 24, 1-8 CTY**  
 HEARING SET AG 26 FOR NEW FACILITIES IN MICH. **AG 12, 20-5**  
 FED POWER COMMSN TO HEAR MICH. WIS. PIPELINE PLANS **AG 14, 12-2**  
 PLAN TO BOOST GAS DENIED BY MICH. CON. GAS CO **AG 27, 7-3**  
 STATE CONSIDERS AUSTIN FIELD PIPELINE CO LINE FR GD RAPIDS TO DET. **N 24, 1-1-3**  
 MICH PUBLIC SERVICE COMMSN INDORSES CONSTR PIPELINE TO COST \$84 MILL-  
 ION

---1946---

D 1, 1-1-3

FPC OK'S CONSTR NAT GAS PIPELINE FR TEXAS TO DET. 1947-F 8, 1-8 FINAL

FPC OK'S BUILDING LINE TO DET., ANN ARBOR, OTHERS F 5, 34-6 NITE

CONSTRUCTION 2ND LINE FR TEX. DEFENDED BY WM. J. MCBREARTY -MR 4, 1-1

DOWLING SAYS DET. SHOULD OPPOSE CONSTR NEW PIPELINE -A 14, 2-6 FINAL

AUSTIN FIELD PIPELINE CO ASKS PERMISSION TO BUILD 150-MILE PIPELINE

AP 15, 28-2

POWER COMMSN EXAMINER GOES AHEAD WITH HEARING ON 1 PHASE OF PROJECTED \$84 MILLION PIPELINE TO MICH & WIS.-

JL 17, 36-6

MPSC SETS HEARING ON PROPOSED PIPELINE CONSTRUCTION FOR

JL 25 & 30

AG 20, 14-3

MICH CONSOLIDATED GAS CO LOSES SUIT VS SOHIO PETROLEUM S 18, 55-4

SEC GIVEN FINANCING DETAILS DET PIPELINE BY UNITED LIGHT & RR CO & AMER

LIGHT & TRACTION CO

S 25, 50-5

MICH. CONSOL. GAS CO TAKES STEPS TO FINANCE 3 PROPOSED LINES - 7, 83

HEARINGS ON MORE SUPPLIES GAS TO BE HEARD O 14 BY PUB SERV COMMSN

O 8, 36-6 BS 2

TEXAS TO MICH. PROJECT IN DOUBT

O 13, 25-4 BS 2

US SUP CRT DENIES RULING ON PIPELINE FR TEXAS TO MICH.- O 15, 21-3 NITE

APPROVAL MICH. CONS. GAS CO. PLANS TO FINANCE 3 LINES EXPECTED TODAY

O 16, 46-5

PSC APPROVES MICH. CONS. GAS CO. PLAN TO FINANCE 3 LINES - D 14, 1-23-5 3\*

FIELD CREWS READY FOR \$115,000,000 PIPELINE SYSTEM D 30, 1-6

SEC APPROVES FINANCING NAT GAS PIPELINE TO DET. HUSHEN

US SUP CRT REMOVES FINAL OBSTACLE IN BLDG TEX-TO-MICH PIPELINE  
 JACKSON-120-MILE GAS PIPELINE FR HELSEA TO MT PLEASANT TO BE STARTED  
 AT ONCE-  
 FPC O.K.'S PIPE CHANGE FOR GAS STORAGE  
 GAS PIPELINE FIGHT UP TO FED POWER COMMSN.  
 GD RAPIDS-NEW PIPELINE CONSTR. STARTS FR GD RAPIDS TO OKLA.  
 PANHANDLE PIPE LINE O SEEKS TO BLOCK CONSTR ADDITIONAL PIPE LINE BY  
 MICH CON. GAS CO  
 GAS RATE CUT FAILS TO HALT NEW PIPELINE  
 MICH PUB SERV COMMSN OK'S NEW LINE FR TEX TO MICH  
 NEW LINE TO TEXAS COMPLETED FOR MICH CONSOLIDATED GAS  
 E. PLANNED-  
 MPSC OK'S 7 PIPELINES FOR 7 MICH. CITIES BY NATL. UTILITIES CO. OF COLD-  
 WATER  
 WM G. WOOLFOLK SAYS MICH NAT GAS SUPPLY TO BE QUADRUPLED, SOON-  
 FPC OK'S MICH WIS PIPE LINE CO TO INCREASE COMPRESSOR CAPACITY OF TEX  
 TO MICH LINE TO 29,600 HORSEPOWER  
 SE MICH GAS CO SEEKS FPC AUTHORITY TO BUILD 55-MILE PIPELINE  
 VALLEY PIPE LINE CO ASKS PIPELINE INTO MICH  
 CONTRACT AWARDED FOR CRAWSON-NEW HAVEN LINE  
 PT HURON-CONSTR PIPE LINE TO DELIVER GAS TO ST CLAIR & MACOMB COS.  
 BEGUN

O 25, 1-5 BS 2

D 23, 6-3

F 1, 12-6

MR 14, 5-4 BS 2

MR 23, 20-7

MR 23, 44-3

JE 17, 17-1

JE 29, 8-5

O 14, 1-8

O 26, 20-4 NITE

O 28, 82-5

D 29, 10-3

JE 13, 14-1 NITE

JE 25, 1-17-1 3\*

D 15, 47-3

D 20, 6-6

C

---1951---

JA 2, 13-1

DET TO GET NEW \$8 MILLION PIPELINE SAYS MICH CONSOLIDATED GAS CO

JA 25, 20-3

MICH. GAS STORAGE CO. COMPLETES 145-MILE LINE

MR 2, 9-3

NATL UTILITIES CO FILES REQUEST WITH FPC TO BUILD PIPELINE FROM MAR-SANLL TO 9 SE MICH. COMMUNITIES--

MR 7, 32-3

NATL UTILITIES CO ASKS FPC PERMISSION TO BUILD PIPE LINE IN SOUTH CENTRAL MICH

JE 14, 9-8

PT HURON-SOUTHEASTERN PIPE LINE CO INSTALLS NEW PIPELINE

JE 16, 7-2

\$1,000,000 PIPELINE HEADS FOR DET

JE 21, 52-3

MICH. GAS STORAGE CO. GIVEN OK FOR GAS LINE TO DET. AREA

S 21, 1-3

3 DISARMED WHO HAVE DEFIED GAS PIPELINE CREW-BRIGHTON-HARRIS

---1952---

JA 22, 8-1

LIGHTER SAFETY REGULATIONS OVER PIPELINES BEING PREPARED FOR LEGISLATIVE CONSIDERATION-HOENSHILL

F 20, 16-3

HOUSE PASSES BILL TO LET PSC REGULATE LINES

AG 7, 37-5

MT. CLEMENS- 40 MILE PIPELINE BETW OAKLAND & MACOMB CTY NEAR COMPLETION

S 13, 6-3

MIDLAND, MICHIGAN- 12 INCH PIPE LINE OF THE MICH GAS CO BLEW UP 3 1/2 MILES SOUTH OF MIDLAND WHILE UNDERGOING TESTS

S 26, 36-1

MIDLAND-4 IN CONSUMERS POWER CREW BURNED IN PIPE LINE BREAK

-----1953-----

F 11, 24-3

BILL INTRO. TO GIVE OK TO STRETCH PIPE LINES ACROSS LAKE BOTTOMS IN LEG

JL 30, 6-4

MICH GAS STORAGE CO COMPLETES NEW LINE TO SERVE LANSING, FLINT, PONT

GIANTS OF NATURAL GAS INDUSTRY BATTLE TO SUPPLY MICH. MARKET-W MULLER

MR7, B-4-5

JE 21, 23-2

PANHANDLE EASTERN PIPE LINE CO. ASKS FPC TO OK PLAN FOR EXPANSION TO MEET INCREASED DEMAND FOR NATURAL GAS BY MICH. & OTHER CONSUMERS

AG 3, 9-3

JAMES H LEE HITS FPC DELAY ON GAS LINE

AG 19, 5-1

AMER. LA. PIPE LINE CO. ASKS LINE FROM LA. TO MICH.

AG 20, 28-5

GAS PIPE LINE WALKERS & THEIR BOREDOM-LUTZ

AG 22, 1-19-1

CITY COUNCIL TO BE ASKED TO BACK PLEA FOR NEW PIPELINE OF AMERICAN

LOUISIANA PIPE LINE CO

N 30, 35-5

SUPREME CRT. UPHOLD A TRIAL CRT. VERDICT GIVING MICH. GAS STORAGE CO. THE RIGHT TO LAY A GAS PIPELINE ACROSS PROPERTY IN OAKLAND COUNTY

-----1955-----

MY 11, 65-1

FPC OK'S CONSTRUCTION ON NATURAL GAS PIPELINE FROM LOUISIANA TO MICHIGAN

JE 25, 14-6

MACKINAC STRAITS BRIDGE CAN BE USED TO BRING NATURAL GAS FROM CANADA

JL 3, B-15-2

LA TO MICH. PIPELINE GETS OK ON FINANCING

S' 12, 1-1

BUILDING BEGINS NEAR YPSILANTI ON HUGE NEW PIPELINE TO BRING MORE NATURAL GAS TO DET. AREA

-----1955-----

S 13, 15-4

AMER. LOUISIANA PIPE LINE CO.'S NEW 1,200 MILE PIPELINE IN MICH.-TREEN

S 18, 1-21-3

MICH. FARMERS FIGHT ABOVE 130 MILLION DOLLAR PIPELINE-TREEN

O 7, 61-1

COURT HEARING IS SET FOR MICH CONSOLIDATED GAS. CO PIPELINE RIGHTS

-----1956-----

JE 22, 49-1

LANSING-MICH.PSC STUDIES REQUEST BY CONSUMERS POWER CO.TO BUILD A 30 MILE PIPELINE IN SOUTHEASTERN MICHIGAN

AG 7, 17-5

AM-LOUISIANA GAS PIPELINE NOW IN FINAL TESTING STAGES

AG 26, ROTO 14

AMERICAN LOUISIANA PIPELINE BEGINS OPERATION-SULLIVAN

S 4, 5-5

DEFIANCE, OHIO-BLD . OF 117 MILE NATURAL GAS LINE FR. HERE TO BENTON HARB R, MICH. IS STARTED BY AMER. LOUISIANA PIPELINE CO.

O 16, 25-5 5\*

GREENVILLE-MICH.CON.GAS CO.STARTS CONSTRUCTION ON 8 INCH PIPELINE FR. TRUFANT TO GREENVILLE

D 21, 34-5

CITY SERVICE O'L CO.PLANS TO BUILD SIX INC PIPELINE FR.LOWELL, MICH. EAST OF GRAND RAPIDS, TO CHICAGO

-----1957-----

F 11, 23-2

CASSOPOLIS-RIGHT OF AMER. LOUISIANA PIPELINE CO.TO CONDEMN LAND IN MICH. IS CHALLENGED IN HEARING TODAY IN CIR.CT.HERE

JE 21, 40-8

REP.BENNETT ASKS SHORT CUT FOR MICH.GAS PIPELINE

-----1958-----

AP 11, 56-6 1H

FPC GIVES MICH.GAS STORAGE CO. OK TO BUILD NATURAL GAS PIPELINE

FPC EXAMINER, HOWELL PURDUE, RULES THAT MICH. WISCONSIN PIPE LINE CO. SHOULD BE ALLOWED TO EXPAND ITS NATURAL GAS PIPELINE SYSTEM'S CAPACITY  
 JE 5, 47-3 1H

JL 20, B-4-4

JOB OF PIPELINE INSPECTORS-VANOVER

JL 30, 7-2 5\*

LANSING-CONSUMERS POWER CO. SEEKS OK TO BUILD 121 MILE 26 INCH PIPELINE FROM IND. STATE LINE TO NORTHVILLE, MICH. TO DOUBLE ITS SUPPLY OF NATURAL GAS

---1959--- JE 24, 2-3

MICH. WIS. PIPE LINE CO. GIVEN OK TO OPERATE A \$31 MILLION PIPELINE WHICH WILL BRING NEW GAS TO MICHIGAN

S 29, D-8-6 MAIL

MICH. CONSOLIDATED GAS CO AND CONSUMERS POWER CO. ASK AUTHORIZATION FOR EMERGENCY CONNECTING PIPELINE AT NORTHVILLE

O 21, B-6-4 1H

FPC EXPECTED TO RULE QUICKLY ON APPLICATIONS OF 2 PIPELINE FIRMS TO BRING CANADIAN NATURAL GAS INTO UPPER MID WEST

N 1, A-19-2

FPC OK'S GAS PIPELINE FOR UPPER PENINSULA & NORTHERN STATES

---1961--- O 10, B-6-1 FIN 5

LINCOLN PARK-PUPILS AT LINCOLN PARK HIGH & SMITH ELEMENTARY SENT HOME DUE TO GASOLINE PIPELINE BREAK-GLAZIER

O 11, D-13-5

LINCOLN PARK-CLASSES RESUME TODAY AT TWO SCHOOLS SHUT BY ABOVE BREAK



1964

GAS: PIPELINES: MICHIGAN

LANSING-ST. LEGIS. FROM UP INDICATE FULL SUPPORT FOR PROPOSED NATURAL  
 GAS PIPELINE TO SERVE 26 IP COMMUNITIES MY 21, A-18-6  
 "MICH. INCH" PIPELINE TO MICH. NORTH COUNTRY TO BE READY BY SEPT. 1 UNDER  
 CONSTRUCTION BY MICH. CONSOLIDATED GAS CO.-LUTZ JE 28, ROTO 8  
 WASH-FPC RULED NORTHERN NATURAL GAS CO., OMAHA, NEB., MAY EXPAND PIPELINE  
 SYSTEM TO PROVIDE GAS FOR ADDITIONAL IP COMMUNITIES IN MICH. & WISC. MY 30, A-2-5  
 LANSING-PUBLIC SERVICE COMM APPROVED PIPELINE CONSTRUCTION SPECIFICAT  
 ION'S FOR NORTHERN NATURAL GAS CO IP SYSTEM JL 9, A-10-1 3\*  
 PETOSKEY-HEARING ON INJUNCTION TO STOP MICH. CONSOLIDATED GAS CO. FR.  
 EXTENDING PIPELINES NORTH OF PETOSKEY WAS POSTPONED UNTIL S1 AG 26, A3-7  
 PETOSKEY-MICH. CONSOLIDATED GAS CO. & NORTHERN PUBLIC SERVICE CO. SET-  
 TLE ROW-MICH. CONS. INJUNCTION LIFTED & CAN RESUME LAYING PIPELINE FOR  
 NATURAL GAS TO HARBOR SPRINGS AREA N 13, A-2-2  
 LANSING-MICH. WISCONSIN PIPELINE CO., GREAT LAKES GAS TRANSMISSION CO. & MID-  
 WESTERN GAS TRANSMISSION CO. HAVING HEARINGS CONCERNING APPLICATIONS TO  
 CONSTRUCT PIPELINE IN MICH. MY 12, D-7-1  
 MICH. CONSOLIDATED GAS CO. SAYS ARE 27,000 MILES PIPELINES IN MICH.-  
 CARLISLE

---1966---

JL 7, A-21-6

LANSING-US SPEED ON PIPELINE OK ASKED

;S 4, C-20-4 3\*ST

SAULT-STE-MARIE-UP GASLINE VETOED BY C<sup>A</sup> NADA

---1967---

F 6M A-15-1<sup>TH</sup>

STATE CANADIAN GAS HALTING BY LEGAL SNARL SEEN

F 24, A-8-4

LANSING-ATTY GEN. KELLEY ASKED FPC TO RULE ON PRESENT EVIDENCE IN CASE INVOLVING NATURAL GAS LINE ACROSS UP INVOLVING GREAT LAKES GAS TRANSMISSION CO. & NORTHERN NATURAL GAS TRANSPORTATION CO.

MR 15, B-7-7

LANSING-INGHAM CO. JUDGE JACK WARREN LIFTED RESTRAINING ORDERS BLOCKING CONSTRUCTION NATURAL GAS PIPELINE FOR CONSUMERS JPOWER CO.

JE 20, D-8-5 5\*

FED POWER COMMISSION APPROVAL OF NEW GREAT LAKES NATURAL WILL PRODUCE \$126 MILLION INVESTMENT IN MICH-CARLISLE

JE 21, B-9-1

NEW LINE WILL FURNISH INCREASED NATURAL GAS SUPPLY TO MICH CONSOLIDATED GAS CO IN NEXT 3 YRS TO HEAT 130,000 ADDITIONAL HOMES-CARLISLE

1967

GAS: PIPELINES: MICHIGAN

JE 25, D-7-1

COURT CHALLENGE WON'T HALT STATE'S GAS LINK TO CANADA-CARLISLE

JL 7, A-11-7

ST CLAIR-CONSTRUCTION BEGAN JL 6 ON \$212 MILLION GREAT LAKES NATURAL LINE-CARLISLE

Ag 21, A-15-5

1ST ST CLAIR LINK IN CANADA LINE SET

---1968---

S 11, KC-541 1 DOT

ST IGNACE-STRAITS ~~XXXXXXXXXXXX~~ CROSSED BY 1,300 MILE GAS LINE

D 28, B-8-6

BESSEMER-BREAK IN NATURAL GAS LINE CAUSES UP FIRE

---1969---

JA 19, A-28-1 1 DOT

2 UP PIPELINE BLASTS PROBED BY U S & CANADA

---1970---

JE 21, A-24-3 HOME

PRESSURE LINE SEVERED IN LYON TWP, OAKLAND CTY CAUSING EVACUATION OF RESIDENTS

---1971---

My 26, B-4-1

CONSUMERS POWER CO MADE PRELIMINARY PLANS FOR \$1 MILL EXTENSION OF PIPELINE TO NEW OIL & GAS FIELDS IN

NORTHERN

LOWER PENINSULA--SANDNER

--1971--

JE 24,C-2-1

JACKSON--~~SOM~~ CONSUMERS POWER CO ASKED MICH P UB SERVICE COMMSN TO APPROVE CONSTRUCTION OF 50-MILE PIPELINE TO CARRY GAS FROM NEWLY DEVELOPED SITE TO STORAGE FIELDS

O 23,A-3-1

MICHIGAN PUBLIC SERVICE COMMSN DIRECTED STATE'S TWO ; A ;ARGEST GAS UTILITIES TO SHARE PIPELINE FACILITIES IN NORTH ERN MICHIGAN

--1972--

AP 13,C-1-1

MICH P B LIC SERVICE COMMSN AUTHORIZED CONSTRUCTION OF 20 MILE NATURAL GAS PIPELINE IN LENAWEE & MONROE COUNTIES

AP 26,D-16-6

SHELL OIL CO ANNOUNCED START OF \$16.3MILL EXPANSION ON WOL VERINE PIPE LINE

Ag23, B-10-6 W

WYANDOTTE AND TRENTON OFFICIALS HAVE DELAYED APPROVAL OF A CANADIAN FIRM'S KPROPOSAL TO LAY UNDERGROUND LIQUID GAS PIPELINES THROUGH THE TWO CITIES--BULLARD Ag29, B-5-4 W GAS PIPELINE DELAYED AGAIN IN WYANDOTTE--BULLARD

S24, B-22-1 W  
LINCOLN PARK—CITY COUNCIL APPROVED PROPOSAL BY DOME  
PETROLEUM CORP., OF CALGARY, ALBERTA, TO LAY TWO 16 INCH  
LIQUID GAS PIPELINES THROUGH THE CITY ALONG A DETROIT EDI-  
SON UTILITY CORRIDOR—BULLARD 02, B-5-1 W

RIVERVIEW—SECOND DOWNRIVER CITY TO APPROVE THE LINK OF  
PROPOSED LIQUID GAS PIPELINE BETWEEN CANADIAN GAS SOURCES  
AND STORAGE FACILITIES IN OHIO 09, B-4-5 W

TRENTON IS THIRD OF FOUR DOWNRIVER CITIES TO APPROVE PRO-  
POSED PIPELINE LINKING CANADIAN GAS SOURCES TO STORAGE TANK  
IN OHIO

WYANDOTTE OKS PROPOSED CANADA-OHIO LIQUID GAS PIPELINE, 3 PAGES OF STI-  
PULATIONS N 1, B-4-7 W

N 23, C-26-3  
GAS LINE WOULD HEAR 92,500 STATE HOMES—DOUGLAS  
—1973—

JL 3, A-13-8  
FINAL ROUTE FOR PIPELINE FOR NATURAL GAS FROM ARCTIC NORTH SLOPE TO MICH.  
APPROVED BY 26 COMPANIES WHICH PLAN TO BUILD IT—DOUGLAS

-1973-

JL 26, A-22-5

\$66.5 MILLION PIPELINE PROJECT OKD BY FPC, MICHIGAN WISC.

PIPE LINE CO ANNCS. DOUGLAS

S 23, B-7-3

ITHACA-GRATIOT CO. AUTHORITIES EVACUATE FAMILIES OVER 1-MIL

SQ. AREA NR. HERE S 21 WHEN MICH. CONSOLIDATED GAS PIPELINE

BURSTS

---1974---D14, A14-5

MICH. WISCONSIN PIPE LINE CONSIDERING ENTERING PARTNER

SHIP WITH NORTH DAKOTA ELECTRIC CO. D31, B-1-5E

RICHARD CITY POSTPONED ACTION ON EASEMENT AGREEMENT

WITH MICH. WISCONSIN PIPE LINE- TITTSWORTH

--1975---F9, D-23-2

MICHCONSOLIDATED GAS Co. NEW KALKASKA PIPELINE NEARLY

READY TO SHIP GAS.

JE2, A-3-2

CONSUMER POWER RM USERS TO PAY \$11.60 MORE PER YR FOR

NATURAL GAS.

JL 20, B-4-4

OSCODA-GAS LINES UNDERGROUND BEING EXPOSED BY DIRT BIKES-

KERWIN

1975

GAS: PIPELINES: MICHIGAN

0 29, C-4-1

LANS-PUBLIC SERV COMM AUTHORIZED CONSUMERS POWER CO TO  
BUILD 2 NATURAL GAS LINES IN MANISTEE COUNTY

-----1977----- F2, A-1-1

DISCUSSION OF HOW NATURAL GAS FORMED AND HOW BROUGHT  
INTO MICH. THEISEN -1979- F 8, B-3-1 AM

LANS-CONSUMERS POWER CO PLAN TO BUILD 27 MILE NATURAL GAS  
PIPE LINE THRU KAKASKA & MISSAUKEE COUNTIES OPPOSED

F 13, A-16-1

CONSUMERS POWER CO. GAS PIPELINE DREAM CAUSING TROUBLE-EDIT  
KAG 28, B-1-1 St

LANS-STATE UTILITY REGULATORS & ENVIRONMENTALISTS REACH AGREEMENT  
IN PIPELINE THRU MICH. -1-980- Ap15, A-3-5 St

BARODA-5 FAMILIES FLEE AFTER CAR HITS GAS PIPE

-1981- F 17, B-2-6 AM<sup>TH</sup>

JACKSON-TRACES OF PCB FOUND IN CONSUMERS POWER OIL, ALLEGAN

-1986-

S 26, B-3-1

Macomb Co ordered firm to halt construction of pipeline that would also carry toxic byproduct-Wowk

0 3, B-5-2

Construction to resume on natural gas pipeline in Bruce Twp

0 8, B-5-6

BRUCE TWP. - Judge refused to issue a stop-work order against a firm building a natural gas pipeline.

--1987--

Ja 23, B-5-2NoDot

BRUCE TWP.-Pipeline co. should have gotten approval from Bruce Twp<sup>l</sup> officials before it installed natural gas pipeline.

-1989-

S 1 F-2-1

Compromise reached on pipeline projects by MCN & CMS.--  
Joyner

S 15 C 2-3

St. Clair River pipeline OK'd

D 5 F-2-4

Pipeline to be built from Bay City to Kalkaska; contract awarded to MCN Corp subsidiary Saginaw Bay Pipeline Co. CMS Gas Transmission asks PSCfor approval to build 25-mi \$6.5 natural gas pipeline in Otsego, Crawford & Kalkaska counties -1996- O 02 C -5-3

Consumers Power and MI Consolidated Gas storing construction material near Bald Mountain Rec.Area;to upgrade pipelines-Ilka 1998 Ap 01 C 8-3W

Manistee-MI approves pipeline that would carry poisonous gas from Oceana County to Manistee refinery

1966

GAS - ~~NATURAL~~ - PIPELINES - MIDWEST

JE 9, D-13-5

WASH-NORTHERN NATURAL GAS CO., OMAHA, ASKED FPC TO DELAY PROCEEDINGS IN WHICH NORTHERN IS CONTESTING WITH GREAT LAKES TRANSMISSION CO. TO BUILD PIPELINE

MR 9, 20-6

SUFFERN-EXCLUSIVE SECTION HRE WAS DECLARED EMERGENCY AREA AFTER RESIDENT  
DISCOVERED NATURAL GAS ESCAPING FROM TRANSCONTINENTAL PIPELINES

-1997-

Ap 04 B 1-1

MCN Energy Group & CMS Energy Corp teaming up with Columbia  
Gas Transmission Corp.to build natural gas pipeline to NY  
,n.e. coast-Ramirez

GAS - PIPELINE - OHIO

1965

AG 21, A-2-4

VAN WERT-PROPANE GAS PIPELINE OF THE BUCKEYE PIPELINE CO. EXPLODED AS  
FREIGHT TRAIN PASSED KILLING 1 GIRL & INJURING 8 OTHERS

UNIONTOWN, PA-SNAP IN NATURAL GAS LINE HERE PUTS 18 FT. DEEP CRATER IN  
EARTH HERE; NO ONE HURT

7 19, 10-1  
---1959--- AP 29, 66-6

HOLLIDAYSBURG-20 INCH UNDERGROUND GASOLINE PIPELINE BURST NR HERE

1970

~~GAS : PIPELINE: RUSSIA~~

SOVIETS TESTING UNDERGROUND ROCKET AS <sup>MY31, A-4-1</sup> REVOLUTIONARY  
DEVICE FOR DIGGING GAS PIPELINES.

0-1981---

N26, K-5-1

SOVIET DELAY ON SHIPPING TO W. EUROPE. TO COST KREMLIN.  
-1982--- MR1, A-1-1

PIPELINE FUELING NEW FOREIGN POLICY DISPUTE WITH  
REAGAN. LEONARD. MR19, A-5-1

US EASES OFF MOVE TO SNAG RUSSIAN PIPELINE. JE19, A-3-5

REAGAN EXPANDS SANCTIONS AGNST RUSSIA. JE23, A-6-1

US MOVE TO BLOCK CONSTRUCTION OF PIPELINE ATTACKED.

POLICY FIGHT TAHT ALEXANDER HAIG LOST. <sup>JE26, A-4-2</sup> JE29, A12-1

MESSAGE TO RUSSIA ON PIPELINE-EDIT JL2, A-6-3

BRITAIN CHIDES US ON SOVIET BAN.

---1982----

JL11, A-4-1

SOVIET MADE PUPM FOR USE IN PIPELINE PERFORMS WELL.

JL14, A-2-1

WEST GER, ~~MAN~~ AIDING RUSSIANS. JL 22, A-1-4

FRANCE TO SEND US LICENSED EQUIPMENT FOR USE ON PIPELINE

JL23, A-2-2 2DOT

FRANCE BREAKS US TRADE BAN.

JL25, A-7-4

ITALY DEFIES US TRADE BAN.

AG 3, A-1-6

LONDON-BRITAIN FOURTH TO ORDER FIRMS TO IGNORE PRES. REAGAN'S

EMBARGO ON SUPPLYING USDESIGNED EQUIPMENT FOR SOVIETS LINE.

AG 4, A-5-1AM

BONN-WEST GERMANY DECIEED TO SEND ~~XX~~ITSECONOMICS MINSTER TO  
DC. TO PERSUADE REAGAN ADMIN. TO BROP ITS PIPELINE EMBARBO.

AG 17, A-2-1

LA-U.S STAYS FIRM AGAINST PIPELINE, EMBARGO OF EQUIPMENT

AG 24, A-4-1  
AG 25, A-2-1

PARIS-FRANCE DEFIES REAGAN BAN.

DC-FEDERAL JUDGE REFUSED TO BAR ADMINISTRATION FROM PENALIZING DRESSER INDUSTRIES IF THEY DELIVER MACHINES TO SOVIETS.

AG 26, A-1-2

DC-US THREATENS FRENCH SUBSIDIARY OF DRESSER INDUSTRIES IN PIPELINE SALE DISPUTE.

AG 27, A-12-1

THE PIPELINE MESS-UP IT.

AG 27, A-1-3

DC-REAGAN ADMINISTRATION BLACKLISTED TWO FRENCH FIRMS FOR SHIPPING AMERICAN TECHNOLOGY TO SOVIETS.

1982

GAS : PIPELINE : RUSSIA

AG 24, A-4-1 4Dot

AMERICAN FIRM, DRESSER INDUSTRIES, ~~RE~~DEFIED PRES. REAGAN'S BAN BY RESUMING PRODUCTION & SHIPMENT OF COMPRESSORS.

AG 30, A-2-1

DC-PRES. REAGAN SEEKING COMPROMISE WITH WEST EUROPEAN ALLIES ON DISAGREEMENT OVER SOVIET PIPELINE EMBARGO.

AG 30, A-4-1 2Dot

DC-PRES. REAGAN WANTS TO SLOW PROJECT SO SOVIETS WILL BE HURT BADLY ENOUGH.

AG 31, A-4-1 ~~3~~ 4Dot

MOSCOW-SOVIET UNION TOOK POSSESSION OF FIRST PIECES OF US-DESIGNED EQUIPMENT FOR ITS PIPELINE. S 1, A-4-4

SANTA BARBARA-BRITISH FIRM, JOHN BROWN ENGINEERING LTD. FACES BLACKLIST BY US OVER PIPELINE DEAL. S 2, A-6-1

THATCHER BLISTERS REAGAN PIPELINE SANCTIONS S 5, A-4-1  
LIVORNO, ITALY-DEFIED PRES. REAGAN'S NATURAL PIPELINE EMBARGO YESTERDAY.

--1982--

S 6, A-2-1

DC-ADMINISTRATION SUSPENDED EXPORTS TO NUOVO PIGNONE, ITALIAN FIRM THAT DEFIED BAN.

S 9, A-4-1

DC-US WEAKENED PIPELINE SANCTIONS AGST DRESSER INDUSTRIES.

S 10, A-5-1

DC-US EXTENDED SANCTIONS TO INCL BRITISH FIRM JOHN BROWN ENGINEERING CO.

S 10. A-5--1-4DOT

LONDON-2 MORE BRITISH FIRMS ORDERED TO DEFY US BAN ON EXPORT OF EQUIPMENT TO RUSSIA FOR PIPELINE.

S 24, A-5-1 4DOT

OSLO-USSR-NORWAY PIPELINE?

S 28, A-4-1

MOSCOW-RUSSIA FEELING SQUEEZE FROM SANCTIONS. NEED TO FIND SUBSTITUTE FOR GE TURBINES.

S 29, A-2-1

FRANKFURT-W. GERMAN FIRM WILL DEFY US SANCTIONS AGST PIPELINE

S 30, A-1-5

DC-HOUSE DEFEATED BILL TO REPEAL ECON SANCTIONS AGST PIPELINE TO W. EUR

0 2, A-3-5

LEHAVRE, FRANCE-DRESSER INDUSTRIES INC TOOK ORDER AWAY FROM ITS FR SUBSIDIARY.

O 6, A-2-2

DC-CONGRESSIONAL MILITARY EXPERTS SAID REAGAN SHOULD RESCIND  
SANCTIONS AGST ALLIES.

O 6, A-2-1AM

D -US SLAPPED SANCTIONS ON 4 W. GERMAN FIRMS

O 6, A-2-2-4DOT

DC-REAGAN URGED TO RESCIND SANCTIONS.

O 18, A-2-1-2DOT

DC-US HAS NO PLANS TO DROP SANCTIONS AGST RUSSIA PIPELINE  
SAYS E. MEESE.

O 19, A-1-1

DC-REAGAN HINTS THAW ON PIPELINE

N 1, A-2-5AM

DC-US & ITALY DISCUSS THEIR SHARP DIFFERENCES OVER PIPELINE.

N 4, A-2-1

DC-ITALY TO BUY BILLION DOLLARS WORTH OF US AIRCRAFT IF US  
LIFTS SANCTIONS.

N 10, A-6-4

DC-US & ALLIES REACHED AGREEMENT THAT COULD LEAD TO LIFTING  
OF SANCTIONS.

N 10, A-5-1-2BOT

GENEVA-RUSSIA INVITES LABOR ORG TO INSPECT WORKING CONDITIOO  
ON PIPELINE AFTER RUMORS OF SLAVE LABOR REPORTED.

-1982-

N 14, A-3-6

REAGAN LIFTS SANCTIONS.

N 17, A-1-3

DC-THEORIES ABOUND ON WHY REAGAN LIFTED SANCTION. MANY FEEL  
IT FAILED-LEONARD

D 3, A-18-1

SLAVE LABOR IN THE USSR-EDIT -1983-  
WHO'S BUILDING THE PIPELINE?-EDIT

JA 3, A-10-1

JL 10, B-6-1

SKOLW, UKRAINE- SOVIETS OVERCOME US EMBARGO ON TECHNOLOGY FOR  
ITS PIPELINE.

JL 26, A-4-6

EUROPE SIBERIA PIPE LAYING COMPLETED

-1984-

JA 2, A-4-1

MOSCOW-BEGINS BRINGING GAS TO EUROPE

JA 3, A-4-1

FRANCE DISPUTES GAS DELIVERY CLAIM OF SOVIETS

JA 12, A-4-1

MOSCOW-FIRE DAMAGED COMPRESSOR STATION ON SIBERIAN-TO-EUR  
GAS PIPELINE

AP19, A-11-1D

SOME PIPES TO BE USED IN WEIHERHAMMER W GERMANY, IN LINE  
FROM SIBERIA

GAS : PIPELINE : RUSSIA

1986

Je 9, A-18-1

Norway to the Rescue-Edit

-1993-

F 12 A 2-5

Moscow - Pipeline to Armenia exploded again.

1999

AG 1 A 6-1

Moscow-thieves steal 250 tons of gas pipeline from natural  
gas main under construction

GAS - PIPELINES - ~~DETROIT~~ - SERIES BY JERRY SULLIVAN

1956

1-PIPELINE INCHING WAY TO GULF OF MEX.

JA 22, 8-14-4

2-EMPTY BARRELS HELP RUSH GAS LINE TO DETROIT

JA 23, 30-3

3-"STEEL ISLAND" DWELLERS DIG FOR TREASURE

JA 24, 30-5

DUMAS-PIPELINE HERE BREAKS WITH ROAR :NO CASUALTIES- JA 17, 9-4

-----1959----- 0 8, A-1-5  
AUSTIN-BREEZE LIFTS DEADLY GAS WHICH ESCAPED FR. RUPTURED PIPELINE  
-----1964----- D 25, C-15-1

BROWNSVILLE-MAIN NATURAL GAS LINE INTO UNION CARBIDE'S CHEMICAL PLANT,  
AT PORT BROWNSVILLE BURST INTO FLAMES D24-NO INJURIES

S 11, 16-1

FPC EXAMINER IN D.C. RULES AGST A \$32,286,000 EXPANSION PROGRAM PROPOSED BY MICH-WISCONSIN PIPE LINE CO.

O 16, 16-1 5\*

TRUNKLINE GAS CO. ASKS FPC FOR OK TO EXPAND ITS NATURAL GAS PIPELINE SYSTEM TO SERVE CONSUMERS POWER CO. OF JACKSON, MICH.

---1959---

JA 27, 33-7

MICH.CON.GAS.CO. REPORTS THAT MICH.WIS.PIPELINE CO. TO BRING AS TO MICHIGAN WITH \$31,200,000 PIPELINE FROM OKLA.

AP 2, 53-5 IH

FPC EXAMINER FRANCIS L.HALL REJECTS TRUNKLINE GAS CO.OF HOUSTON PROPOSAL TO EXPAND GAS LINES TO CONSUMERS POWER CO.

---1966---

JA 22, A-8-1

WASH-NATURAL GAS GIANT COMPANIES BATTLE FOR \$200 MILLION PIPELINE ACROSS MINN,WIS,& MICH.TO GIVE TRANS-CANADA PIPE LINES A SHORTCUT FOR GAS FROM WESTERN TO EASTERN CANADA

---1967---

AP 18, D-8-2

WASH-& U.S. IN NEW SKIRMISH WITH NATURAL GAS INDUSTRY

-1981-

N 13, B-6-5

AMERICAN NATURAL RESOURCES CO ASKS OK FOR LENGTHENING LINE FROM ROCKIES TO MIDWEST

GAS : PIPELINES : VIRGINIA

1961

COVINGTON- 200 FLEE AS NATURAL GAS LINE UNDER PRE S 7, A-2-3  
--1974-- URE BROKE  
JE 10, A-11-1  
MOORESVILLE-PIPELINE EXPLOSION JE9 ROCKS AREA

D 12, A-1-2

SHUTE CREEK,WYO.-Chuck Lanierprepares pipeline at Wyoming natural gas project.

Form 1656

AP 28, 1-7-4

TENN. GAS. & TRANSMISSION CO. ASKS FPC FOR PERMISSION TO CONSTRUCT LINE  
AG 23, 29-1

PENNA. COAL MEN FIGHT PIPELINE TO TEX.

MY 4, 1-12-7

APPLICATION KANS. PIPE LINE CO. REFUSED BY FE. POWER COMMSN. - MY 29, 20-8

CONTRACTS LET FOR ONE IN LA., ALA. & GA. --1942-- O 6, 14-1 BSMD

PANHANDLE EASTERN GETS OK FOR 1,040-MILE LINE --1943-- AG 31, 20-8

1,200 MILE PROJECT APPROVED ---1944--- N 2, 23-5

NEW \$70,000,000 PIPELINE FR KAN. & OKLA. SOUGHT N 3, 8-3

OFFICIAL DET. TO KEEP HANDS OFF PROPOSED LINE FR KAN. & OKLA. D 15, 41-2

FORMATION NEW FIRM, MICH. - WIS. NATURAL GAS PIPE LINE CO. PLACED BEFORE SEC ---1945--- JA 4, 32-2

HEARING ON NEW LINE JA 12 JA 12, 27-5

DATA REFUSED ON TEX. - DET. PROJECT HEARING F 2, 1-8

CITY ORDERED HEARING ON NEW GAS PIPELINE F 22, 12-3

HEARING HELD BEFORE CITY COUNCIL IN DET. F 23, 3-1

JOHN BATTEN TO TESTIFY AT HEARING TO DETERMINE WHICH UTILITY CO. SHOULD CONTROL PIPELINE F 23, 2-4 FINAL

DOWLING CALLS PIPELINE HEARING A SHAM BATTLE F 27, 3-1

DET. PIPELINE PLEA FILED WITH US BUREAU MR 14, 23-4

NEW PIPELINE RULES ISSUED AP 11, 3-2

CITY ACTS TO INTERVENE IN PIPELINE HEARING IN DET.

---1945---

AP 19, 35-2

TRACTION CO.

JL 21, 3-8

CONSOLIDATED GAS CO.

O 9, 2-1 BBX

N 25, 11-2

D 6, 47-1

D 16, 31-1

JA 6, 2-7

AG 31, 1-9-4

N 14, 42-2

F 19, 19-1

F 26, 57-4

F 28, 17-8

MR 19, 42-4

MY 10, 4-5

N 20, 17-4

SEC TO HEAR PLAN FOR DISSOLUTION OF AMER.LIGHT &

NEW DET.LINE TO BE OPERATED AS SUBSIDIARY OF MICH.

MICH.-WIS.PIPE LINE CO.ASKS PERMISSION TO BUILD 1,216 MILE LINE

HOUSE SURPLUS PROPERTY COMM STUDIES DISPOSAL PIPELINES

GAS TO RELIEVE STRIKE-CAUSED FUEL SHORTAGE FLOWS THRU BIG INCH SYSTEM

PLANS FOR DISPOSING BIG & LITTLE INCH LINES HEADS FOR RULING BY ATTY-GEN CLARK

GOVT-OWNED BIG & LITTLE INCH OIL PIPELINE SYSTEM CONVERTED TO GAS, MAY TAKE ON NEW SUPPLIES THIS WEEK

NEW GAS PIPELINES TO COST \$273 MILLIONS

TEXAS EASTERN TRANSMISSION CO GAINS TODAY TITLE TO BIG INCH & LITTLE INCH PIPELINES

SEN.FERGUSON THREATENS TO WITHDRAW SUPPORT FR MOORE-RIZLEY BILL DEALING WITH GOVT.REGULATION PIPE LINES-M.HAYDEN

TEX.EASTERN TRANSMISSION CORP.ASKS OK TO INCREASE GAS DELIVERY CAPACITY OF BIG & LITTLE-INCH PIPE LINES

SENFERGUSON DEMANDS REVISION RILEY-MOORE NAT GAS REGULATION BILL

LITTLE INCH PIPELINE RIPPED BY EXP. :2 HOUSES DESTROYED

LITTLE INCH LINE EXPLODES NEAR WOODSON,ARK.-SEYMOUR-IND-16 HURT INEXP AT REDDINGTON,IND.

SEYMOUR, IND-REPAIRS TO BIG INCH PIPELINE BEGUN N 21, 1-3-3  
 NAT GAS LINE FR BIG RAPIDS, MICH TO TEX. & OKLA. 1/3 COMPLETED D 3, 52-7 BS 2  
 ---1949---

FIRE AT BIG INCH & LITTLE INCH PIPELINE STATIONS AT MORRIS, IND. INJURES 2 WORKERS JA 19, 1-4 NITE  
 JA 28, 2-5 FINAL

FED POWER COMMSN OK'S TWO NAT GAS COS TO BUILD PIPELINE TO SERVE WEST VA., VA., MARYLAND, DIST OF COLUMBIA AP 5, 32-6 BS 2

MORE AND MORE OF TEX S NAT. GAS TO BE PIPED TO EAST DAWSON D 15, 18-4  
 ROYERSFORD, PA-PIPELINE SHIFT FORCED BY "BIG INCH" LEAK

---1950--- MY 26, 4-6  
 FPC GRANTS REQUEST MICH-WIS PIPELINE CO FOR QUICK DECISION ON CO. REQUEST TO DOUBLE NAT. GAS CAPACITY MY 29, 1-1 BBX

DET ASSURED GAS DESPITE BREAK IN LINE- AG 28, 10-1 BS 2  
 WORK BEGINS ON PIPELINE FROM TEX. GULF TO CHICAGO AREA

---1951--- MY 10, 1-1 BS 2  
 FPC DISMISSES APPLICATION BY VALLEY GAS PIPE LINE CO TO BUILD PIPELINE D 5, 33-5 BS#2

JOLIET ILL.-1,417 PIPELINE CONNECTING CHI WITH TEXAWS IN SERVICE F 17, 1-18-5  
 ---1952---

FED. POWER COMM. AUTHORIZES 500 MILLION DOLLARS WORTH OF PIPE LINE PROJECTS TO GET MORE GAS TO CONSUMERS F 17, 1-18-5

-----1953--- JE 19, 28-7  
 DET. PROMISED MORE GAS BY '56 THRU NEW PIPELINE FR. MICH TO GULF COAST

~~SECRET~~ 1953

**MICH. CON. GAS CO. PLANS PIPELINE TO LOUISIANA TO MEET DETROIT GAS NEEDS**

AMERICAN-LOUISIAN PIPELINE CO. SEEKS ANOTHER NATURAL GAS PIPELINE TO MICHIGAN

~~CONFIDENTIAL~~ **1954** ~~CONFIDENTIAL~~

PLANS TO BUILD GULF-EAST COAST PIPELINE FOR PRIVATE INDUSTRY  
SEEM SLIM MR 28. 4

LIKE SIGNS BILL PROHIBITING FED REGULATION OF PIPELINE CARRIERS TRANS-  
PORTING NATURAL GAS WITHIN STATES' BOUNDARY J.E. 9, 7-6

FPC ORDERS RESUMPTION JE 21ST OF HEARINGS ON 4 INTERDEPENDENT APPLIC  
ATIONS RELATING OF PLAN OF AMER. LOUISIANA PIPELINE CO., DET., TO BUILD  
A LINE FR. LOUISIANA TO MICHIGAN

MICHIGAN FIGHTS U.S. DELAY ON GAS LINE THRU AMERICAN-LOUISIANA PIPELINE

## SEN. FERGUSON SEES MORE NATURAL GAS FOR MICH.

PXXXXXXEASERNPARKXNRXCOMPLETESX\$22,895X000XPARKWAYNGXQB AL  
ONGTXSXTexasNCHSNATURALGASSYSTEM S 11-18-5

SPC DELAYS HEARING ON CITY GAS LINE

DETROIT GETS OK FOR NEW LOUISIANA TO DET PIPELINE TO INCREASE DETROIT  
SUPPLY 70% -M HAYDEN

GAS HEAT WILL BE ABAILABLE TO ALL WHO WANT IT WHEN NEW PIPE FR LA TO  
DETROIT IS COMPLETE

O 16, 16-6

FUELED BETWEEN PANHANDLE AND MICH CONSOLIDATED GAS FLARES UP AGAIN

D 8, 2-5LF

D 9, 7-3

PANHANDLE ASKS FPC TO BLOCK PIPELINE

AMERICAN LOUISIANA CO AND PANHANDLE NOW FIGHT IN GAS PIPELINE ISSUE

D 6, 5-1

PANHANDLE EASTERN PIPELINE COMPLETES \$22,885,000 PIPELAYING JOBS ALONG ITS TEXAS MICH NATURAL GAS SYSTEM

D 15, 25-4

OSAWATOMIE, KAN.-NEW 30 INCH NATURAL GAS PIPELINE EXPLODES ABOUT 7 MILES NEAR HERE; NO ONE INJURED -----1955-----

F 9, 25-3

U.S.CIR.CT. OF APPEALS AT PHILA.HAS TEN UNDER ADVISEMENT A PETITION BY PANHANDLE EASTERN PIPE LINE CO.TO BLOCK BUILDING OF AMER.LOUISIANA PIPELINE

F 27, 8-5-1

COURT ORDER HINTS AT MORE GAS FOR DETROIT

AP 28, 74-8 5\*

SEC &amp; EXCHANG COMMSN.OK'S PACIFIC NORTHWEST PIPELINE CORP. TO SELL SECURITIES TO FINANCE BUILDING OF LINE TO OREGON &amp; WASHINGTON

JE 1, 30-2

OK ON GAS ISSUE EXPECTED TO DOUBLE GAS HEATED HOMES HERE

JE 14, 6-2

FPC CLEARS WAY FOR BUILDING OF A NEW 1,200 MILE LOUISIANA-TO-MICHIGAN NATURAL GAS PIPELINE TO START IN 30 DAYS

AG 5, 13-2 5\*

CONST. OF ABOVE TO START IN MICH. BY LOUISIANA PIPELINE CO.

-----1956-----

Mr 13, 43-5

MICHIGAN URGES U.S. TO SPEED GAS LINE RULING FOR NATURAL GAS

Mr 15, 57-8

ARGUMENTS DELAYED IN LA. TO MICH. PIPELINE CASE TO MAR 22

-----1956-----

Mr 19, 34-4

AG 16, 54-5

AG 31, 2-1

NATURAL GAS PIPELINE EARNINGS INCREASE

GAS PIPELINE FIRMS PROFIT UP 26.5 PCT.

FED POWER COMMSN OK'S TEXAS GAS TRANSMISSION CORP PIPELINE

O 23, 24-1

N 9, 48-6

GAS PIPELINE PROFIT CONTINUES STRONG

EL PASO NATURAL GAS CO. BURS PACIFIC NORTHWEST PIPELINE CORP D 5, 84-4

FPC OKS NATURAL GAS PIPELINE CO TO BLD 350 MI OF PIPELINE FR TEXAS TO CHICAGO

D 20 10-5 5\*

FPC AUTHORIZES EL PASO NATURAL GAS CO. TO BUILD AN \$84,658,000 PIPELINE TO DELIVER 150 MILLION CUBIC FEET OF NATURAL GAS A DAY TO DAY TO CALIF.

-----1957-----

JE 26, 34-6

OPERATING REVENUES OF NATURAL GAS PIPELINE FIRMS JUMPS 11.4 PCT. TO \$2 198,203,005 FOR 12 MOS ENDING AP 30TH

-----1958-----

JA 28-1

NET PROFIT INCREASE UP 15.7%

Mr 25, 35-6 1H

FPC TO OPEN HEARINGS APR 21 ON EXPANSION BY MICH WIS. PIPE LINE CO.

-----1959-----

JA 2, 24-5

COLUMBIA GAS SYSTEM INC'S NEW SUBSIDIARY COMPLETES ACQUIRING ABOVE

1961

## GAS : PIPELINES

PRES. KENNEDY ASKS CONG. TO ENLARGE FPC TO SPEED GAS LINES PROJECTS

AP 13, D-23-1

AP 14, D-6-5

HUMBLE OIL & REFINING CO., COLUMBIA GAS SYSTEMS INC. & LEHMAN BROTHERS  
TO FORM INTERSTATE GAS PIPELINE COMPANY

---1963---

S 1, B-20-4

PIPELINES HAVE BEEN BIG FACTOR IN GROWTH OF NATURAL GAS - W. SMITH

---1964---

JE 3, C-18-2

WASH.-FED. POWER COMMSN. AUTHORIZED AMER. LOUISIANA PIPE LINE CO., DET., TO  
CONSTRUCT \$25.1 MILLION EXPANSION OF ITS NATURAL GAS PIPELINE TRANS-  
MISSION SYSTEM

---1965---

JA 8, C-14-8

WASH-AMERICAN LOUISIANA PIPE LINE CO. & MICH-WISCONSIN PIPE LINE CO.  
AFFILIATED COMPANIES IN DET. SEEK OK OF POWER COMM. TO EXPAND THEIR  
SYSTEMS

---1966---

JE 29, A-16-6

WASH-AUTO CRITIC RALPH NADER SWITCHES ATTACK ON UNSAFE GAS PIPELINES

O 27, B-15-1

SENATE COMMERCE COMM. APPROVED BILL CALLING FOR SAFETY STANDARDS FOR ABOVE

-----1969-----

Ag 15, A-18-8

DALLAS- GAS PIPELINE CHIEF RAPS REGULATORS (GARDINER  
SYMONDS)

---1974---

Ag 22, C-5-2

WASH-SEN. PASSED BILL TO PRES FORD ON EXTENSION PIPELINE SAFETY

---1976---

O 13, A-10-6

PRES. FORD SIGNED BILL TO AMEND NATURAL GAS PIPELINE SAFETY ACT TO  
PROVIDE \$17.2 MILLION TO TRANS. DEPT. FUND TO 3 PIPELINE SAFETY  
INSPECTIONS

-1980-

AP 7, A-3-3

DC-VIOLATIONS EARN MORE FOR TEXACO

-1981-

N 21, A-4-2

BONN-GERMANS SIGN TO GET SIBERIAN NATURAL GAS D 1, D-6-6

GR LAKES GAS TRANSMISSION CO SEEKS TO BUILD \$26 PIPELINE  
IN 2 STATES.

--1982--

JA 2, A-3-4

CHARRED RUINS MARK SITE OF RUPTURED LINE THAT EXPLODED &  
BURNED 45 MILES SOUTHWEST OF KANSAS CITY.

-1983-

F 1, B-5-1

LANS-PSC TO FIGHT REQUESTS BY 2 PIPELINE FIRMS FOR HIGHER  
RATES BASED ON PURCHASE OF ALGERIAN GAS.

-1984-

MR 28, G-1-5

PLANS NEW PIPELINE TO BRING GAS FROM CANADA TO NORTHEASTERN  
STATES

## GAS : PIPELINES

1985

Mr 26, A-4-5

Sup Ct to decide in Miss. case who has authority to regulate sale of pipelines.

O 10, F-1-2

DC-REGulators voted to give natural gas distributors broader access to pipelines-Peterson

-1988-

Mr 23 C-2-1

ANR wins case against state on using securities to finance operations.

-1995-

Ja 20 A 5-5

Alexander Haig emerged as key player in plans to build natural gas pipeline from Central Asia across Iran into Turkey

1986

GAS : POISON : AFRICA

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Ag 24, A-14-4

YAOUNDE-Forty people killed by a natural release of toxic volcanic gas in northwest Cameroon.

GAS : POISON : CALIF

1978

AP 20, C-9-1

MONTEREY-LEAK INJURES 9 FIREMEN

4981-

SF-30,000 FLEE BURST PIPE, FUMES

AG 26, A-10-1

AG 27, A-9-1 ST

SF-PCB TAINTED STREET REOPENS

D 29, A-6-1

SOLVANG, CALIF-TOXIC HYDROGEN SULFIDE LEAKED INT GAS LINES  
OF HOME NORTHWEST OF SANT BARBARA.

D 29, A-6-2 2DOT

SOLVANG-GAS LEAK PROMPTS CALL FOR EVACUATION.

--1984--

MY 3, B-5-3STATE

OAKLAND, CALIF.-THRITEN HOSPITALIZED YESTERDAY AFTER CHDOP  
INE GAS LEAKED FROM DOW CHIMICAL'S RAILROAD-TANKER.

JL 13, D-14-1

LA 156 FLEE FIRE, CARBON MONOXIDE, 16 HOSPITALIZED, LEAK  
- AT LA FELIZ RAMADA INN BLAMED

-1985-

Je 27, G-4-3-3DOT

Chemical spill & fire at pestidice plant, Wilbur-Ellis Co  
forced evacuation of 1,000.

-1988-

S 4 A 3-6

Toxic chlorine gas leaked from industrial plan forces  
27,000 people to flee L.A.

GAS : POISON : CAMBODIA

1983

AP 5, A-4-1-400

ARANYAPRATHET, THAILAND-THAI PLANES DROPPED NAPALM IN RAID ON VIET POSITIONS.

# GAS : POISON : CAMEROON

1986

Ag 25, A 1-5

Yaounde-300 died from gas from volcanic lake Ag25,A-1-53dot

Yaounde-gas kills 2000 Ag 25, A-2-54dot

NY-Hydrogen sulfide called very deadly Ag 26, A-1-5

Yaounde-toll at 1200 Ag 26, A-5-1

Paris-Cameroon a land of contrasts-Rosenblum

Ag 27, A-3-1

Yaounde-rescuers bury the dead Ag 28, A-3-1

Yaounde-victims get supplies Ag 29 A-5-5 4-dot

Bamenda-New toxic explosions could occur at any time.

Ag 30 A=3=5

Yaounde-Lake Nios may emit more lethal gas.

Ag 30 A-3-5

Wum-Survivor describes ordeal. S 1, A-2-2

Yaounde-blasts preceded killer gas by hours say villagers

-1986-

S 3, A-5-5

DC-U.S team says most died from nontoxic gas, were suffocated

S 3, A-7-4 1dot

DC-team ~~sa~~ y most suffocated

-1987-

Ja8, A-10-3

NY-Disaster not caused by volcanic eruption but by release of carbon dioxide in lake bottom

-1988-

0 12 A-3-1

Scientists fear carbon dioxide gas is again filling the Cameroon lake that spewed cloud of poison gas 2 yrs ago

0 12 A-3-2 No-dot

Yaounde, Cameroon-Scientists fear poison gas is again filling Lake Nyos.

GAS: POISON: CANADA

1973

HUNDREDS EVACUATED FROM CAMROSE NR. NEW NORWAY IN ALBERTA  
WHEN HYDROGEN SULFIDE GAS ESCAPES FROM EXPLORATORY SUN  
OIL CO. GAS WELL O 3, A-1-1  
HYDROGEN SULFIDE GAS CLOUD DISPERSED BY WINDS & 1000 EVACU-  
EES RETURN HOME O 4, A-2-4  
---1976---A 26, A11-2  
ANZAC- ALBERTA- 200 EVICTED BY LETHAL GAS IN CANADA  
RETURN. -1978- S 26, A-15-1 2DOT  
VANCOUVER-CHLORINE GAS LEAK SEALED S 27, B-14-1  
PHOTO OF 5 TANKS OF CHLORINE THAT ROLLED OFF TRUCK  
-1982- AP 16, A-4-2-AM  
NITRO, QUEBEC-NITRIC ACID TANK BLEW UP AT EXPLOSIVES FACTORY  
1,000 AREA RESIDENTS EVACUATED.  
-1989- Ja 26, B\_3-1NoDOT  
Ammonia cloud leaks from plant in Courtright Ont

-1990-

J1 24 A 1-1

evacuation of the entire town of Harrow, Ontario, 20 miles south of Windsor, when a fire in a farm storage bldg began spreading toxic fumes

**GAS : POISON : COLORADO**

**1983**

**AP 4, A-2-4**

**DENVER-ACID FUMES FROM RR TANKER FORCED 5,000 TO FLEE HOMES**

1974

GAS: POISONOUS: DETROIT

AP 25, A-17-1

PRECISION GAS PRODUCTS INC. ASKS CITY OK TO MANUFACTURE & PURIFY  
ARSINE IN SMALL PLANT NR. RENAISSANCE CENTER-MURPHY

-1978- MY 26, B-1-3

TANK TRUCK LEAK OF TOXIC GAS K FELS 13 AT MARINE POLLUTION  
CONTROL CORP ON W JEFFERSON-MANARDO & BULGIER

-1981- D 8, A-3-2

9 BABIES, 3 ADULTS SAVED FROM FUMES AT NURSERY 18325 JAMES  
COUZENS-BULGIER

D. 9, B-9-4

ROBINS INFANT NEST NURSERY STAYS CLOSED TO FIX FURNACE

HAZARD-ENG

-1986- Mr 14, A\_1-4 4dot

12 felled by fumes at new 36th dist courthouse-Martindale

Mr 16, A\_3-5

Fire Marshall rules courthouse safe to reopen-Mleczo

-1986-

My 23, A-3-4

100 evacuated from DSS office at Joy & Greenfield, shorted  
wire fumes blamed

Je 27, A-1-4

Posion disaster averted at Nelson Industrial, 12381 Schaefer.  
Pierson

-1987-

My 13, A 4-1

Gym a shelter for Romulus residents fleeing fumes from  
fire-Reynolds

-1990-

Mr 13 D-3-1

4 homes evacuated on Det's west side for 4 hrs when chemi-  
cal leak discovered coming from back of tractor-trailer  
truck

Mr 13 D-3-1 1Dot

Same

-1995-

Mr 20 B 2-4

Residents at Joy Road and Sussex evacuated, liquid oxygen  
leaked from Superior Welding Supply; break in attempt

D 20 D 1-1

Fumes from ammonia spill in Argonaut Bldg. owned by GM,  
caused evacuation;  
Grant/Brand-Wms.

GAS : POISONOUS : DETROIT

1997

S 19 D-1-2

Hydrogen Sulfide leak hospitalizes 17 children and 4 teachers and dozen nearby residents of Courtis Elementary .-Hurt

GAS: POISON: EGYPT

1987

D 21 A-3-1 3-dot

Explosion at military chemicals depot in Alexandria sent about 1,000 people to the hospital.

**GAS - POISON - FLORIDA**

**1977**

PENSACOLA-TOXIC AMMONIA KILLED DR. JOHN THORSHOV & SENT 1,000  
FROM HOMES AFTER 3 TANK CARS DERAILED N 10, A-14-3  
N 11, D-4-1 1DOT

PENSACOLA-1000 HOME AFTER AMMONIA SPELL

**-1978-**

AP 10, A-10-1

TAMPA-CREWS CURB LETHAL AMMONIA LEAK FROM OVERTURNED TANK  
TRUCK MY 31, A-16-6 AM

MOSSY HEAD-300 EVACUATED AS AMMONIA GAS TANKERS DERAIL

JL 29, B-6-3

JACKSONVILLE-GAS LEAK IN RUPTURED RAIL TANK CAR INJURES 34;  
1500 FORCED TO FLEE -1979- N 13, A-15-1

PENSACOLA-CARS OF LOUISVILLE & NASHVILLE RR TRAIN DERAILED,  
SETTING OFF 4 EXPLOSIONS. 3 CARS OF LIQUID PROPANE BURNING.

N 14, A-5-6

MOLINO-RAIL CARS BLASTED IN HOPES OF REMOVING RISK OF RUN  
AWAY EXPLOSION. DERAILED CARS CONTAINED PROPANE.

-1985-

O 13, A-8-1-3D0T

LakeCity-Train derailed unleashing cloud of lethal ammonia  
1,000 evacuated

O 14, B-7-1E

Tank car from derailed train leaks lethal anhydrous ammonia  
in Lake City.

D 1, A-14-4

hydrochloric acid leak routs St Petersburg residents

-1987-

N 20 A-3-1

40-50 families evacuated after noxious fumes from fertilizer  
escaped in rural area So. of Miami.

GAS: POISON: GEORGIA

1989

0 23 A-3-1

chemical leak at industrial park in Peachtree City sent  
cloud of gas over residential area forcing evacuation of  
2,000 -1991- ap 8 A-4-1

Eatonton, Ga-Fertilizer plant caught fire, toxic fumes  
forces evacuation of 1,500 people including sports cele-  
brities Mickey Mantle & Yogi Berra

1974

GAS: POISON: ILLINOIS

AP 28, A-1-1

CHICAGO-SOUTH SIDE EVACUATED WHEN LIQUID CHEMICAL SILICON  
TETRACHLORIDE FROM BULKTERMINALS Co. TANK LEAKS AP 27

AP 28, A-22-3

CHICAGO-WORKERS TRY TO SEAL TANK AS FUMES DISSIPATE OVER LK.  
MICH.

AP 29, A-10-1

CHICAGO-DEADLY FUMES SEALED OFF AT BULKTERMINALS Co.

MY 17, A17-1

GLEN ELLYN- 9000 PERSONS EVACUATED FR. HOMES AFTER  
TRAIN WRECK RUPTURED TANK CAR OF AMMONIA GAS.

-1978-

F 15, A-3-2

CHICAGO-CHEMICAL MIXUP AT HORWEEN LEATHER CO KILLS 8 IN  
FACTORY

-1983-

JA 2, A-2-4

CHICAGO-LEADED GAS POISONOUS, CAUSES DISEASES

- BHOPAL-UNION CARBIDE CHAIRMAN WARREN ANDERSON FREED D 8, A-6-4
- THE TRAGEDY AT BHOPAL-EDIT D 9, A-20-1
- BHOPAL-UNION CARBIDE SCIENTISTS TO ENTER PLANT & INVESTIGATE LEAK D 9, A-1-3
- NEWDELHI-WARREN ANDERSON FLEW HOME AFTER BEING REFUSED PERMISSION TO TOUR UNION CARBIDE PLANT. D 10, A-2-3
- BHOPAL-CITY'S AIR & WATER DECLARED SAFE. D 11, A-2-4
- DANBURY, CONN-CHEMICAL PLANT HAD PREVIOUS SAFETY PROBLEMS. D 11, A-2-3-3DOT
- DANBURY, CONN-\$15 BILLION CLASS-ACTION SUIT FILED BY ATTY MELVIN BELLI D 12, A-1-1
- LANS-CHEMICAL LEAK THAT KILLED HUNDREDS CUT MORE THAN \$10 MILLION FROM VALUE OF MICH PENSION FUND INVESTMENTS-LEWIS

-1984-

D 12, A-8-1

STATEWIDE CAMPAIGN STARTED TO ASSIST VICTIMS D 12, A-8-4  
Bhopal, ~~RUMOR ABOUT~~ ANOTHER GAS LEAK SENDS MANY FLOCKING TO RR & BUS ST  
ATIONS

D 13, A-11-3

Bhopal-UNION CARBIDE PLANT TO GO BACK INTO OPERATION

D 14, A-1-3

Bhopal-THOUSANDS FLEE FEARING NEW LEAK D 15, A-2-1

Bhopal-70,000 HAVE FLED. TROOPS ORDERED TO KEEP ORDER

D 16, A-4-1

Bhopal-SCIENTISTS PREPARE TO NEUTRALIZE LETHAL CHEMICAL.

D 17, A-4-1

Bhopal-UNION CARBIDE PLANT REOPENED. GAS CONVERTED INTO PES  
TICIDE

D 18, A-2-2

Bhopal-SOME RETURNING TO THEIR HOMES. D 20, A-4-1-3 DOT

Bhopal-MORE METHYL ISOCYANATE FOUND IN UNDERGROUND TANK

D 21, A-2-1

Bhopal-SCIENTISTS DISPOSED OF 15 TONS OF METHYL ISOCYANATE

**GAS : POISON : INDIA**

1984

**D 3, A-5-14DOT**

**NEW DELHI-LEAK FROM UNION CARBIDE INSECTICIDE PLANT KILLS  
350**

**D 4, A-1-6**

**ND-TOLL TOPS 600**

**D 4, A-1-63DOT**

**BHOPAL-TOPS 1000**

**D 5, A-1-4**

**BHOPAL-1200**

**D 5, A-4-4**

**METHYL ISOCYANATE CAUSES FULID IN LUNGS TO DROWN VICTIMS**

**D 5, A-4-5**

**INSTITUTE W VA-U.S TOWN FEARS THE SAME GAS D 5, B-8-1**

**BODIES COUNTED, CREMATED**

**D 5, A-1-4**

**BHOPAL-1500 DEAD, 50,000 SEEK MEDICAL CARE, 200,000  
AFFECTED**

-1984-

D 6, A-1-2

BHOPAL-670 DEATHS CONFIRMED. WORKMEN CONTINUE TO BURY BODIES.

D 6, A-1-3

BHOPAL-STENCH OF DEATH HANGS OVER CITY

D 6, A-10-1

BHOPAL-2 WORKERS MAY HAVE PANICKED & RUN AWAY LETTING GAS ESCAPE.

D 6, A-1-2-3DOT

BHOPAL-DEATH TOLL AT 1,267

D 6, G-8-1

SMOKE FROM FUNERAL PYRES SHROUDS BHOPAL

D 7, A-1-1

BHOPAL-UNION CARBIDE CHARIMAN WARREN ANDERSON ARRESTED.

D 7, A-5-1

INDIA'S LETHAL LEAK IS 3RD IN SERIES OF 3RD WORLD TRAGEDIES

D 7, D-14-4

DC-TOXIC ACC IS A POSSIBILITY IN US.

D 7, A-5-1-ST

BHOPAL-NEW DEATHS EA HR. DEATH TOLL MAY REACH 2,000

D 7, A-1-1-3DOT

BHOPAL-UNION CARBIDE CHIEF CHGD WITH NEGLIGENCE & CORP LIA

GAS : POISON : INDIA

1984

D 23, A-6-1

BHOPAL-LAST OF THE REMAINING GAS NEUTRALIZED D 24, A-2-1

BHOPAL-LONG-TERM EFFECTS MAY NOT BE AS SERIOUS AS DRS 1ST  
THOUGHT

D 30, A-1-6

NORFOLK VA-'DEATH' CHEMICALS RETURNED TO U.S

---1985--- JA 3, D-1-1

LUNG EXPERT BELIEVES ASTHMA MAY BE LONG TERM RESULT

JA 4, A-4-2 3DOT

NEWDELHI-PINT OF WATER LEAKED INTO TANK, CAUSED POWERFUL

REACTION, 2500 DEATHS, INJURY TO 100,000 OTHERS

JA 5, A-1-5

NEWDELHI-DR S VARADARAJAN DETAILS WATER LEAK DISASTER

JA5, A-8-1

DC-SHORTER LIFE FOR DISASTER SURVIVORS?

JA6, A-4-1

ND-DAMAGES TO BABIES FEARED

-1985--

JA 11, A-2-5

GAS LEAKS HIT 2 CITIES; 115 HURT

JA 17, D-7-1

NEWDELHI-DEADLY GAS KILLED MANY MOSQUITOS. JA 22, A-4-2

NDELHI-GOVT TO DEMAND FULL COMPENSATION FOR 2,500 VICTIMS

OF GAS LEAK & MAY SEIZE US-OWNED UNION CARBIDE PROPERTY

F 27, A-2-1

Bhopal-India revokes Union Carbide's license

Mr 20, A-2-1-4DOT

Danbury,Conn-Water contaminated tank & triggered chemical reaction that killed 2,000 in Bhopal

Mr 21, H-12-1

Danbury-Union Carbide doesn't rule out sabotage. Firm announced findings into gas leak in India

Ap 2, A-16-4

NewDelhi-New gas leak at Carbide plant sent residents fleeing

Ap 9, C-4-1

NY-India sues Union Carbide

Ap 14, A-12-1

NY-Personal injury suit could become largest in history

Ap 17, A-8-1

NY-Judge would like Carbide to provide emergency relief  
funds-Zeiger

Ap 19, B-7-1

NY-Carbide offers \$5 million in emergency aid

Jl 3, A-11-4

Danbury-2nd analysis confirmed water leaked into tank conta  
ining deadly methyl isocyanate

O 30, F-16-2

ND-Many suffer chromosome changes & damages to immune system

N 7, D-11-1-3DOT

London-Leak at Bhopal was deliberately caused says Carbide  
official

D 1, A-14-1

Bhopal- tales of woe and misery still haunt the survivors

D 1, A-14-1

Danbury-the legal fight continues

D 5, A-12-3

Sulfuric acid fumes leak sent 250 fleeing in New Delhi

-1986-

F 3, A-10-1

Bhopal more than 1 yr after leak-- color it black

F 14, A-2-3

KNOXVILLE, Tenn.-Union Carbide officials saying sabotage is most likely cause of leak in Bhopal, India.

Mr 5, B\_5-1

Research Triangle Pk-gas leak survivors face dim future

Mr 23, A-8-1

NY-Union Carbide agreed to apy \$350 million to settle claims

Mr 24, B-5-4

Danbury-Union Carbide to pay \$350 million in claims from leak at plant in India

Mr 25, B-8-1

NewDelhi-Indian govt rejects Carbide's offer

My 13, A-8-1

NY-Billions of dollars in damage claims arising from '84 accident should be decided by courts in India.

GAS : POISON : INDIA

1986

NY-Bhopal lawsuits moved to India

Je 13, B 12-4 3dot

Je 16, A-14-1W

NewDelhi-Bhopal disaster suits could drag for years-Tempest

Ag 11, A-3-4

Danbury,Conn-Carbide investigation showed sabotage by disgruntled employe

O 10, A-4-3

BHOPAL-Official death toll in '84 Union Carbide gas leak has risen to more than 2,200.

N 23, A-12-1

NewDelhi-India suing Union Carbide for \$3.12 billion

D 3, A-8-1-4DOT

Bhopal-Survivors prayed & protested on 2nd anniversary

-1987-

Je 23 A-2-6

Bhopal-Thousands flee ammonia gas leak.

Je 24 A-3-1Nö-döt

Bhopal-More hurt in panic than from fumes.

-1987-

S 15, A-3-1

Lawyers moving toward \$3billion settlement with Union Carbide

N 6 A-8-5

NewDelhi-Hundreds flee gas leak near Ahmedabad.

N 17 A-3-6

Bhopal, Ind-Union Carbide will pay \$500 million to survivors of Dec. 84 gas leak that killed 3,000.

N 18 A-3-2

Bhopal victims protest; they want more--\$10 billion.

N 19 A-3-1

Govt., Union Carbide fail to meet deadline for settlement so company might have to stand trial.

-1988-

Je 22 A-3-1

Union Carbide rep will negotiate with private lawyers for victims of 1984 Bhopal gas disaster.

-1989-

F 14 A-3-2

New Delhi-Union Carbide will pay Indian govt \$470 million for 1984 gas leak that killed 3,300 in Bhopal.

F 15 A-4-1

Bhopal, India-Settlement outrages victims. F 24, A-3-1-1007 X

Indian Ct urged to boost to \$600 million the amt Union Carbide must pay -1990- Ja 12 A-3-1

New govt will support efforts to overturn \$470-million settlement with predecessor & U.S.-based Union Carbide in 1984 Bhopal gas leak disaster Ja 22 A-3-1 1Dot

India to reject Bhopal payout. J1 23 A 3-1

5 yrs aft lethal gas from a pesticide plant in Bhopal India in history's worst industrial disaster, many people eligible for relief have not been paid. --1991-- D 9, A-3-1

Bhopal, India-Union Carbide Corp. Chrmn Warren Anderson, 70, faces trial in 1984 gas disaster, 3,800 people killed

-1992-

Je 22 A 2-5

Bhopal, India-Compensation finally fixed in Union Carbide pesticide gas spew in '84; 3800 people killed

Je 23 A 2-6

Bhopal-trial of 9 people responsible for gas spew tragedy to start 7/17; charged with culpable homicide

Ap 15 A-3-2

Gary Products Inc., Gary Ind., sprang leak in tank of hydrochloric acid that mixed with rain to create a toxic cloud; one critically injured, hundred become ill. My 30 A-6-1  
Fire at Maumee Valley Seed Inc. in Woodburn, Ill, spreads to pesticide storage area, prompting evacuation of 4,000.

-1988-

Ja 5, A-3-2 NoDot

Hammond Ind-toxic fumes fell 135 students, teachers

GAS : POISON : IOWA

1985

Jl 17, C-8-2

Cedar Rapids-10,000 flee toxic fumes from fire at s ewage  
plant

GAS: POISON: IRAQ

1991

Ja 7 A-3-1

DC- U.S. rules out use of nuclear, chemical arms in middle  
east.

AG 14, A-1-4

MILAN-3 FROM GAS STRICKEN VILLAGES GIVEN ABORTIONS

AG 17, B-2-6 W

MILAN-NO ILL EFFECTS FROM GAS

SEVESO-RESIDENTS RISKING DEATH FROM GAS, RETURN TO HOMES THEY  
EVACUATED 3, MONTHS AGO

O 11, A-12-3 1DOT

O 18, C-4-4 1DOT

LONDON-POISON CONTROL OF PHENOBAC FAILS IN SEVESO ITALY

-1977-

JL 10, C-19-1

ROME-SADNESS MARKS ANNIVERSARY OF DEATH CLOUD

Mr 20 A 1-4

Tokyo-Nerve gas spread thru Tokyo subway system today; 6 killed, thousands sickened; terrorists blamed Mr 20 A 5-1

Tokyo-Simultaneous attacks of nerve gas in 4 trains, 16 subway stations; no suspects Mr 20 A 5-4

Tokyo-St. Luke's iNternat'l Hospital overwhelmed by flow of patients exposed to nerve gas Mr 21 A 1-1

Tokyo-1 man chased down at station; had left vial of liquid on train Mr 21 A 5-1

Tokyo-Lots fewer riders on subway today; 300 detectives set out to find terrorists Mr 22 A 5-1

Kamikuishiki, Japan-Police raided Aum Shinri Kyo sect; found same chemical detected in Tokyo subway; 2 dozen raids carried out

Tokyo-Military neutralizing chemicals found in car owned by "Sublime Truth" Suspect in subway nerve-gas attack Mr 23 A 5-1

-1995-

Ap 19 A 1-1

Yokohama, Japan-More than 200 people were sickened by mysterious gas released in main train station

Ap 19 A 1-1 3dot Mo

Yokohama, Japan-250 sickened by fumes at Yokohamas train station

Ap 20 A 8-1

Yokohama, Japan- Yokohamas underground train station is target of mustard gas attack

Ap 21 A 3-1

17 sickened in new wave of noxious fumes

My 7 A 5-5

Attempt to stage another gas attack in train stations

My 14 A 5-4

Tokyo-Bomb exploded at airport, mystery balloons floated down; no one hurt but everyone on edge after poison gas attacks

-1995-

J1 03 A 5-5 1 dot

Tokyo-Fumes in subway station in Yokohama injure 31 people

J1 05 A 6-1

Tokyo- latest gas incidents-2 devices found in subways that could have killed thousands; new fears

GAS: POISON : JAPAN

1996

Mr 20 A 5-5

Tokyo-Families placed flowers in passageway where victims  
died from/<sup>subway</sup>nerve gas attack a year ago

**GAS : POISON : JORDAN**

**1983**

**AP 4, A-2-6**

**TELAVIV-MYSTERIOUS ILLNESS IN W. BANK HITS ARAB SCHOOL GIRLS.  
S. PALESTINIANS BELIEVE ISRAELIS POISONING THEM.**

**AP 5, A-2-1**

**TELAVIV-ILLNESS OF PALESTINIAN SCHOOL GIRLS PROBED**

GAS : POISON : KENTUCKY

1978

CHLORINE LEAK FELS 350 AT POOL  
COVINGTON-350 FLEE CHLORINE LEAK  
-1988-

JE 29, A-3-6  
JE 29, B-12-1

Freight train carrying phosphorus derailed, caught fire &  
spewed toxic fumes nr. Crofton.

Je 23 A-3-1

DC-Japanese firm, Mitsubishi Heavy Industries tied to  
Libyan gas plant-Peterson Mr 8, A-1-2  
DC-U.S-Japan plane pact in jeopardy-PEterson Mr9,A-18-1  
Get tough with Japan-Edit My 11, A-3-1  
JuergenHippenstiel-Immhausen arrested inBochum,W.Germany,for  
bldg.chemical weapons factory here  
-1990- Mr 8 A 3-6  
U.S. threatens to shut Libyan poison gas plant  
Mr 15 A-1-4  
U.S. denies sabotage at Libya poison-gas plant.  
Ap 8 A-3-1  
Libya faked fire at chemical plant

1981

GAS : POISON : LOUISIANA

J 8, A-00-1 AM

ADDIS LA-RR CAR OVERTURNED, 30,000 GAL OF ANHYDROUS  
AMMONIA NOT RELEASED

-1982-

S 29, F-5-1

LIVINGSTON-101 CAR FREIGHT TRAIN CARRYING FLAMMABLE CHEMICAL  
S DERAILED. EXPLOSIONS FORCED EVACUATION OF AREA.

S 30, A-12-1

LIVINGSTON-TOXIC GROUND & STREAM CONTAMINATION A  $\frac{1}{2}$ -MILE FROM  
DERAILED CHEMICAL TRAIN DISCOVERED.

O 5, A-6-2

LIVINGSTON-CLEANUP OF 43 DERAILED CARS STOPPED WHEN CHEMICAL  
STYRENE LEAKED & CAUGHT FIRE.

-1997-

Je 19 A-5-5

Winnfield, La-More than 600 people evacuated from a residen-  
tial area after a one-ton chlorine tank began leaking.

Je 19 A-3-1

Residents displaced twice because of chlorine gas cloud  
after factory fire in Springfield. Je 10 A-4-4 1-dot

Springfield,Mass-Chlorine cloud hangs over town after  
explosion at chemical plant.

Je 21 A-3-1 1-dotX

Residents of Springfield,Mass, returned home following 4-day  
plant fire that spewed poisonous gas.

AG 4, A-14-2

DEADLY CHLORINE GAS FROM TRAIN KILLED 28 PEASANTS & POISONED 1,000 IN MONTANAS, 240 MILES FROM MEXICO CITY.

-1984-

D 18, B-7-1

MATAMOROS-300 TREATED FOR INHALATION OF AMMONIA FUMES RELEASED BY EXPLOSION AT FERTILIZER PLANT.

1976

GAS: POISON: MICHIGAN S7, B-1-1 STATE

LAPEER- FAULTY VALVE ON RR TANK CAR BLAMED FOR RELEASE OF  
POISONOUS NITRIC ACID GAS . 0 19, C-8-3

CLIFFORD-ACRYLONITRILE EXPLOSIONS IN RR TANK CARS UPSET  
VILLAGE, CAUSE EVACUATION-GEBERT

025, B-2-1 1DOT

ORGANIC WASTE UNITS CAUSE DEADLY GASES SAYS DR. RICHARD  
PFISTER- WARNS FARMERS AGNST DANGERS.

-----1977-----JE 3, B-3-1D

PICKETS OPPOSED TO MICH. CONSOLIDATED GAS HIKE BID.  
YOUNG.

Ag 25, B-2-1 1DOT

MUSKEGON-STATE STUDIES ABANDONED 23,000 LBS OF PHOSGENE  
LEFT BY BANKRUPT S ORY CHEMICAL CORP

T

-1978=

F 16, B-1-1

AREA OF TROY EVACUATED FOR FEAR OF CHEMICAL FIRE AT BASF<sup>o</sup>  
WYNDOTTE PLANT, 1700 BLANEY; NO INJURIES MR 5, B-6-1

LANS-MICH. HEALTH OFFICIALS SAY NO DANGER FROM LEAKING HYDRO-  
GEN SULFIDE GAS WELLS IN MICH. THUNB AREA

-1979-

My 20, B-2-1

FENNVILLE-CHESSIS SYSTEM TRAIN DERAILED. CREWS CLEARED  
WRECKAGE IN WHICH CARS CONTAINED FLAMMABLE LIQUIDS.

JE 7, A-2-3 2Dot

MARSHALL, MICH-RESIDENTS EVACUATED AFTER RR TANKER CAR BEGAN  
LEAKING ANHYDROUS AMMONIA

N 12, A-3-6

HOLLAND-5 CARS OF CHESAPEAKE & OHIO DERAILED & TOXIC GAS LEAKED.  
FORCED EVACUATION OF 1,000.

N 13, B-4-1

HOLLAND-1,000 RETURNED TO HOMES AFTER TANK CAR CONTAINING  
FLUORIDE GAS WAS RIGHTED.-WEIST

-1981-

Ag7, A-1-3

R RIDGMAN-700 FLEE POISON GAS CLOUD FROM DERAILED TANKER-

KERWIN

Ag8, A-1-2

BRIDGMAN-EMERGENCY CREWS PLUG GAS LEAK-POWERS

Ag9, R-1-1

BRIDGMAN-EVACUEES PLAY CARDS, TALK-POWERS Ag9, R-9-1

FRANKENMUTH-DRUNK HITS UTILITY SUBSTATION, GAS LEAK ROUTS

TRUCK LOSES ACID LOAD, FUMES FELL 5 IN PITTSFIELD TWP-ILKA  
S 5, A-10-1

O 11, B-1-2

CONTROVERSIAL RATE HIKE-WARREN

D 27, A-1-5

CHLORINE GAS CLOUD ROUTS HUNDREDS NR 15mi & GROESBECK

D 28, A-3-3

FRASER PROBES CHLORINE FIRE-GRANT

-1982-

JA 14, A-3-5

2 WORKERS KILLED, 26 HURT WHEN TOXIC GAS LEAKED FROM TANKER  
AT CHEMICAL DISPOSAL PLANT, LIQUID DISPOSAL IN SHELBY TWP-  
WALTER&SMITH  
F 27, A-5-1

GAS LEAK CAUSES 12 TAYLOR FAMILIES TO BE EVACUATED FROM PAR  
DEE RD.

AG 30, B-7-1N

TOXIC YELLOW CLOUD OF NITRIC ACID DISSIPATES WITHOUT CAUS-  
ING HARM IN MUSKEGON COUNTY'S EGELSTON TWP.

--1982--

AG 31, B-9-5AM

TOXIC GAS AT EGGLESTON TWP. CHEMICAL PLANT POSE NO DANGER.

D 28, A-3-2

14 SENT TO HOSPITAL AND 200 EVACUATED AFTER TANKER TRUCK  
LEAKED TOXIC FUMES IN EASTERN MACOMB COUNTY.-J.WALTER

-1983-

JA 31, B9-5W

MASON-RESIDENTS COMPLAIN OF CLOUD OF NATURAL GAS. CONSUMERS  
POWER SAID CLOUD DID NOT ORIGINATE IN THEIR SYSTEM.

-1984-

AP16, A-4-4

LEAK OF HYDROGEN SULFIDE IN HAMPTON TWP FORCES EVACUATION  
AP18, B-7-1D

ESSEXVILLE-LEAKING GAS WELL IN HAMPTON TWP CAPPED

D 20, A-3-3

LANS-NORTH MUSKEGON INSECTICIDE PLANT USING SAME CHEMICAL  
THAT LEAKED & KILLED 2,000 IN BHOPAL, INDIA, INVESTIGATED.

Mr 20, A-1-2

Threat of cyanide gas is immediate at an industrial bldg  
in Romulus says officials

Ag 23, A-8-3

Marysville-150 evacuated as gas tank leaks

O 1, D-9-6

19 became ill after gas leak at White Cloud Products Co Inc

-1986-

Ja 19, A-4-1-2DOT

9 treated at shopping mall nr Lansing after becoming ill  
from carbon monoxide fumes

Mr 14, A-16-3

Birmingham-shoppers routed in gas leak scare

My 8, C 9-1 NoDot

Port Huron-Dow Chemical release of chlorine investigated

My 9, A-9-1NoDot

Mysterious fumes entered student apt bldg nr Gr Valley St  
Colleges. 60 evacuated.

-1986-

My 14, A-1-1

Chemical vapor leaked into air from Dow's Sarnia plant-Tschirhart  
Jl 8, A-3-2

Chlorine gas leak from Det water treatment plant forced Allen Pk & Lincoln Pk residents to be evacuated-Illka

Jl 9, A-3-2

Malfunctioning washer may have caused leak of chlorine gas at water treatment plant-Chin

Jl 19, B-6-1

Nitric acid leaked from tanker truck on U.S23 n of Ann Arbor  
7 homes evacuated, traffic stopped for 6hrs-Chin

Jl 23, B-3-5

about 20 clubhouse employees at Hazel Park Race Track treated for sicknesses believed to be caused by Freon leak.

Ag 15, A-9-1-4DOT

Federal Mogul bldg in S'field evacuated because of ammonia fumes.

Ap 10 B-1-2

Tanker truck overturns; spills sulfuric acide onto I-75  
near Monroe; 100 homes evacuated; freeway closed 12 hrs.

Ap 10 B-2-4

Truck driver, Boy White, 45, of Toledo, treated and released  
after his truck overturns & spills sulfuric acid.-Walker

Ap 13 B-4-1

50 evacuated in Wy. as hydrochloric acid leaks at Diversey  
Corp.

My 14, B 3-4

Liability probed in Romulus pallet, dump fires-Chin

~~My 13, A-1-1~~

140 flee homes from Romulus fire-Smith & Martelle

D 9 B-3-1

Businesses reopen as methane gas alert ends in Pt. Huron.

-1988-

Ja 3 B-3-1

40 hospitalized after tear gas canister was set off outside movie theater at Briarwood Mall, Ann Arbor.

Ja 30 B-1-4

Fumes sicken 28 employees at engine plant in Clinton, Mich  
--Lopez

F 5, B\_3-1N

Cyanide levels found in 28 overcome in CLinton

Mr 31 B-3-1 D

150 evacuated from UM Dow Bldg after potentially dangerous fumes escaped during lab experiment. Je 1 A-1-1

Niles-40 treated for respiratory problems when toxic cloud formed at factory & forced evacuation. Je 11 B-6-3

Ammonia leak at CF Industries, St. Clair Co., forced evacuation of campground.

-1989-

JA 26, B\_3-1N

Ammonia cloud from COurtright Ont dissipates

GAS : POISON : MICHIGAN

1989

F 18, B-6-1

Families forced from their homes nr town of Buckley while workers capped well spewing hydrogen sulfide

N 5, B-3-1NoDot

Fumes sent 9 Det Edison workers to hosp, shuts several streets in Port Huron

-1990-

Ap 23 B 4-1

Muskegon-Hydrochloric acid forced evacuation of 1,000 trailer parks resident

J1 31 B-3-1 1Dot

Grand Rapids' MacDonald's Industrial Products Inc.

evacuated after nitric acid fumes leaked from tanker truck.

-1994-

J1 28 B 3-5 E

Carlo Corp of Clinton Twp is being sued by Consumers Power for causing 39 gas leaks.

---1995---

Je 29, E-5-6 E

Roseville-Residents in Frazho-Gratiot area evacuated from homes due to natural gas leak -1996-

Mr 15 C 3-6

Madison Hts.-Consumers Power valve released gas fumes at Dequindre/12 Mile; 2 businesses/a home evacuated

--1996-- Je 21 C-3-6

Gas line break in St. Clair Shores closes Mack

Jl 26, C-3-6

Southfield-Gas leak forced evacuation of Southfield Shopping Plaza & several home in gas line rupture

-1997-

Mr 13 E-3-6

Romulus-A section of Merriman Rd. was closed when police discovered a truck leaking hydrobromic acid.

Ag 31 B 3-2

Chemical leak in Midland; 4000 forced to stay inside; 2nd time in less than 2 weeks-Shepardson

GAS : POISON : MICHIGAN

2000

Ja 25 D 4-1

Pontiac-gas leak at Crowfoot Elem. ; school/church/day-care evacuated

GAS : POISON : MINNESOTA

1990

Jl 2 A 9-1

Spicer, Minn - 114 people at the Cazador Inn were hospitalized for carbon monoxide fumes when a leak from an exhaust pipe swept through the motel.

GAS : POISON : MISSISSIPPI

1976

JL 26, B-7-3

BAY ST LOUIS-SKIN-IRRITATING GAS ESCAPED FROM OVERTURNED  
RR TANKER

GAS : POISON : MISSOURI

1990

Je 18 A 3-1

Chemical spill at a plant in Sedalia forced about 2,500 people from their homes.

GAS : POISON : NEBRASKA

1977

N 30, D-12-2

771 RESIDENTS RETURN TO HOME AFTER EVACUATION TO ESCAPE  
DERAILED PROPANE TRAIN TANKER DANGER

GAS: POISON: NEVADA

1990

0 15 A-4-1

Las Vegas- 100 hospitalized after sewer gas released inside  
new Excalibur Hotel & the Tropicana.

**GAS: POISON: OHIO**

**1976**

**Ag 3, A-2-3 1-DOT**

**PORTSMOUTH-RAILROAD CREWS REMOVE TANKER LEAKING CHEMICALS  
HERE & DERAILED CAR WITH TOXIC GAS NEAR BLANCHESTER**

**-1978-**

**MR 15, A-18-6**

**STEUBENVILLE-MAYOR'S HAPPY NOBODY DIED IN CHEMICAL BLAST  
AT NATIONAL COLLOID Co**

**MR16, A-4-1 1DOT**

**STEUBENVILLE-HALF CITY'S FIREMEN HOSPITALIZED FROM FUMES**

**-1983-**

**JE 9, A-7-5**

**NELSONVILLE, OHIO-TANKER TRUCK LEADED SULFURIC ACID. 3,000  
EVACUATED.**

**-1986-**

**J1 9, A-2-1**

**Miamisburg-Balt & Ohio rr car carrying chemical derailed &  
caught fire releasing cloud that forced 16,000 to evacuate**

**J1 10, A-1-5**

**Miamisburg-RR tank car exploded forcing renewed evacuation  
of 30,000**

-1986-

J1 10, A-8-2

Dayton-Cloud from derailed rr car was thick & came on fast  
says resident-Loose

J1 10, A-1-5-4DOT

Miamisburg-RR car exploded forcing renewed evacuations of  
30,000

J1 11, A-2-3

Miamisburg-Flames doused. 30,000 return to their homes-Loose

J1 12, C-2-1

Miamisburg-Shifting winds may necessitate 3rd evacuation

J1 13, A-4-1

Miamisburg-Firemen put out toxic phosphorous fire after it  
burned for 90 hrs.

J1 14, A-13-4-1DOT

Miamisburg-Tank car finally stopped burning

J1 17, A-14-1

MIAMISBURG, Ohio-Evacuees forced to flee when derailed tanker  
of white phosphorus burned for 5days have increased claims.

GAS - POISON - PENNSYLVANIA

1976

Ag 26, A-14-1

PHILA-POISON GAS USED IN MAKING PLASTICS SUSPECTED IN ~~MYST~~  
MYSTERIOUS "LEGION FEVER" --1977-- N 10, A-14-3

GREENSBURG-DEFECTIVE VALVE CAUSED LEAK FROM TANKER TRUCK ON  
ROUTE 981, NO INJURED, 60 RESIDENTS TREATED

-1987-

Ap 13 A-3-1

RR car containing dangerous chemical emptied after 16,000  
evacuated because of leaking fumes after derailment.

GAS : POISON : SOUTH AFRICA

1995

D 18 A 5-5

Photo Caption-Chemical plant blaze sent poisonous sulfur dioxide clouds into Cape Town area,3 died,100 injured

GAS P POISON: SOUTH CAROLINA

1985

Ap 6, A-9-2

MYRTLE BEACH- More than 4,5000 gallons of chemical leaked at a swimming pool storeprompting clsoing ofsection of U.S. 501 West.

1966

GAS - POISONOUS - SWITZERLAND

~~F 16, B-6-7~~

LOCARNO-17 DIED AT PLANT SITE AS IT FILLED WITH GAS

GAS : POISONOUS : TENNESSEE

1977

JL 13, A-10-1

ROCKWOOD-TOWN EVACUATED AFTER TANKER TRUCK SPILLS TOXIC  
LIQUID BROMINE IN CRASH; DOW TO CLEAN UP

JL 14, H-9-1

ROCKWOOD-KILLER GAS MOPPED UP  
-1978-

19, C-11-3

MADISONVILLE, TENN-3 TANKER CARS CARRYING SULFURIC ACID DERAIL  
RESIDENTS EVACUATED.

-1987-

S 3, A-3-1

Gas leak in Morristown routs 1000

**GAS : POISONOUS : TEXAS**

1967

Ag 23, A-3-8 LF

**TEXARKANA, TEN-FLAMES FROM DERAILED CHEMICAL TANK CARS EXTINGUISHED, THREAT OF POISON GAS GONE**

-1978-

My 15, A-14-1

**NACOGDOCHES-EVACUEES RETURNING AFTER TANK TRAIN CAR BLASTS**

My 15, A-14-3

**WALTON-OWNER OF POISON GAS WELL HAD SOUGHT TO BAN DRILLING**

-1984-

JA 26, A-4-1AM

**AUSTIN-40 BECAME ILL AFTER INHALING FUMES FROM LEAKY REFRIGERATION PUMP AT MOTORAL PLANT**

-1985-

F 18, A-2-1

**LaPorte Texas-DuPont plant to produce deadly Methyl isocyanate that killed 2500 in India**

S 16, B-6-4

**SanAntonio-Southern Pacific train derailed, spilled 300,000 gal of sulfuric acid, routs 300**

-1986-

S 9, A-4-4 NoDot

Gainesville-14 treated after bout with fumes

0 5, B-11-5

Odessa-Pressure blew top off oil well spreading poisonous gas. 1,500 evacuated

-1987-

N 1, A-3-1

66 hurt by poison gas from acid leak in Texas City Texas

N 2 A-3-1 1-dot

Residents of Texas City, Tex. return home 2 days after 3,000 were evacuated after acid leaked from tank that was ruptured in crane accident.

-1989-

F 21, A-3-1

Gas escaped from crude oil tank, 7,000 unable to return to their homes in Pt Arthur.

GAS : POISON : THAILAND

1979

JA 8, A-2-3

BANGKOK 1200 LAOTIAN TRIBESMEN KILLED?

GAS : POISON : TURKEY

1991

Istanbul-31 people hospitalized inhaling gas from "bomb"  
sold to scrap metal dealer from Iraq

N 13 A 2-5 1 dot

1978

GAS : POISON : UTAH

JA 29, A-2-3

SALT LAKE CITY-Is ARMY STORING NERVE GAS ON EARTHQUAKE FAULT  
?

1987-

My11, A\_6-3

Neola-town closed off after gas well leaks

Ag 12, A-1-5

Gas leak injures 6 at Union Carbide.

Ag 13, A-2-5

INSTITUTE- Carbide admists 20-minute delay on gas warning.

Ag 16, A-1-2

DC-Fed. investigators hace concluded gas that escaped form  
Union Carbide plant was about two-thirds methylene chloride

Ag 23, A-5-5 4dot

S Charleson W Va-Union Carbide assigns blame for leak

S 9, A-2-5

Nitro-leak from Fike CHemical Co sends 6 to hospitals

S9,F-11-5 4dot

Nitro-5 to hospitals

Mr 10 A 4-4

Weyauwega, Wis-1700 residents evacuated while propane from  
train wreck, burns itself off

1927

Ag 16, 2-2

Livestock killed by above in attempt of detachment of Society of Aviation and Chemical Research to rid Terek River districts, Russia, of locusts

1929

Ag 29, 21-4

War gas surplus in Germany buried, put in huge coffin  
and sealed in concrete ~~---1933---~~ N 19,1-10-2 MICH  
PROF. LEONCE BERT DISCOVERS NEW POISON GAS  
~~---1934---~~ F 11,1-5-1 1\*  
IMPORTATION OF INTO TURKEY BANNED AG 2, 2-6-CS  
MYSTERY GAS HITS JAPAN-150 PEOPLE EFFECTED  
Form 1656 The Detroit News

---1936---

AP 5,1-9-6-2\*

ENGLAND PURCHASES MANSION & TURNS IT INTO AN ANTI-GAS SCHOOL FOR CIVILIANS

---1937---

JL 25, 1-5-3

AMES, IA-J LEON PRENN DISCOVERS GAS TO KILL GAS MASKS

---1942---

JE 21, 1-4-1 1\*

NY-CARL BUSSOW SAYS CALLING IT GAS IS MISNOMER

--1944--

S 7, 34-3

MATTOON, ILL- PROWLER SPRAYS GAS THAT TERRIFIES TOWN

---1946---

JE 9, 1-2-5

CAPETOWN, S.A.-3,000 TONS POISON GAS DUMPED INTO OCEAN-

JE 26, 1-6-52

BRITISH TO DISPOSE OF OVER 1,700 TONS POISON GASES IN JAPAN

-----1953-----

O 21, 10-2

HORSE CAVE-HIGHLY TOXIC CHEMICAL EATS THRU ITS STORAGE TANKS IN TOWN & IS THREATENDING PEOPLE & WATER SUPPLY

O 23, 54-2NITE

SEN. LEMENT REFUSED BY WHITE HOUSE TO DISPOSE OF 45,000 GALLONS OF DANGEROUS CHEMICALS STORED IN HORSE CAVE KY.

Form 1656

D 31, 2-7

Ag 29, 1929

CHEMIST HILTON JONES FINDS NEW & DEADLIER GAS --1929--  
 GERMANY BURIES GAS IN CONCRETE COFFIN

--1922--

N 19, 1-10-2

PROF. LONCE BERT NEW GAS DEADLY THAN YPERITE FOUND BY HIM.  
 --1934--

F 11, 1-5-1

Am 5, 1-9-6 2

TURKEY BANS POISON GAS SELLING

LONDON-PURCHASE HOME WHICH IS TO BE TURNED INTO ANTI-GAS SCHOOL FOR  
 CIVILIANS --1937--

JL 25, 1-5-3

J. LEON PRENN. INVENTED POISON GAS WHICH DESTROYS GAS MASKS AS EFFICIENTLY  
 AS IT KILLS HUMAN BEINGS. --1942--

JE 21, 1-4-1\*

CARL BUSSON BELIEVES POISON GAS IS MISNAMED IT IS USUALLY THE VAPOR OF  
 A LIQUID OR SOLID --1944--

S 7, 34-3

PROWLEY SPRAYS MYSTERIOUS POISON GAS THROUGH OPEN BEDROOM WINDOWS  
 TERRIFIES TOWN --1946--

JE 9, 1-2-5

3,000 TONS OF POISON GAS DUMPED INTO WATER OFF PORT LIZABETH

JE 26, 1-6 BS

BRITISH TAKE, 1,700 TONS OF GASES AND DUMP IT INTO WATER OFF SHIKOKU  
 ISLAND --1953--

O 21, 10-2

ORSE CAVE KY.-CHEMICAL STORED FOR SEVERAL MONTHS IN TANKS IS LEAKING  
 OUT ONTO THE GROUND TERRORIZES TOWN

---1953---

O 23, 54-2 N1

PLEA BY SEN. CLEMENTS TO DISPOSE OF 45,000 GALLONS OF DANGEROUS CHEMICALS STORED AT KY. TURNED BY IKE

---1954---

G 30, 29-4

GAS BOMBS THAT WERE DROPPED INTO BEPPU BAY AFTER WW2, IN JAPAN OFFICIALS WOULD LIKE THEM REMOVED FOR SAFETY OF RESIDENTS

-----1955-----

JA 11, 2-1 LF

CAMBRIDGE, ENG.-BLAST TODAY DESTROYS 125 TONS OF MUSTARD GAS STORED IN UNDERGROUND CONTAINER AT RAF AIR BASE HERE

JA 21, 2-2 1H

TOKYO-US ARMY EVACUATES HEADQUARTERS WHEN GAS LEAK IS FOUND

-----1956-----

F 15, 49-6

GOV'T SCIENTIST DEVELOP NEW TYPE OF WOODEN BOARD THAT LETS CLEAN AIR THROUGH BUT SCREENS OUT POISON GAS

---1958---

AP 20, C-24-7

SHIP WM C RALSTON, POISON GAS SHIP, SCUTTLED OFF SAN FRAN. AP 19

---1962---

JE 8, A-3-1

HUMMELSTOWN-2 DOZ. FAMILIES DRIVEN FROM HOMES AFTER 23' CAR FREIGHT TRAIN RAMMED TRACTOR TRAILER WITH INDUSTRIAL CHEMICALS

---1966---

S 19, A-3-3

MANISTEE-POISONOUS GAS FUMES FROM MORTON CHEMICAL CO ROUTED 200 FAMILIES HERE

N 11, A-1-3 5\*

HOMER-BLAZE CAUSED BY NYC TRAIN DERAILMENT MAY CAUSE EVACUATION OF TOWN AS RESULT OF POISONOUS FUMES  
HOMER-PERIL OF POISON GAS PASSES TOWN-GERBERT

N 12, A-3-3

GAS : POISONOUS

1966

N 13, A-10-3

HOMER-TOWN RESUMES NORMAL ROUTINE AS PERIL OF GAS PASSES-  
GEBERT ---1967--- AG 23, A-1-1

TEXARKANA-6,000 PEOPLE EVACUATED AFTER EXPLOSION & FIRE  
FROM 4 DERAILED CHEMICAL CARS, AS RESULT OF FUMES

-----1969-----

MY13, A-10-4LF

ARMY DELAYS DUMPING POISON GAS IN SEA. MY15, B-2-1 RACE  
NERVE GAS DISPOSAL HAS CONGRESS WORRIED.

MY21, C-9-1

ARMY UNLOADS WAR GAS PENDING DISPOSAL. MY 22, A-23-1

ARMY CHG'D WITH POISON GAS DUMPING SITE ERROR MY 7, C-1-1

WASH-RICH. MCCARTHY SAID PENTAGON PLANS TO TRANSPORT ACROSS COUNTRY 1,100  
RAIL CARS FILLED WITH WW2 POISON GAS TO BE DUMPED AT SEA

MY 25, A-15-1

WASH-ARMY SAYS IT ERRED ON SITE FOR GAS JE26, A-2-1  
EA BURIAL OF GAS UNSAFE ARMY TOLD BY NATIONAL ACADEMY OF  
SCIENCES.

JE 28, A-5-3

WASH-ARMY AGREES TO BURN SURPLUS POISON GAS

--1971---

JL 12,C-8-1

US TO BEGIN TRANSFERRING 13,000 TONS OF POISON GAS FROM  
OKINAWA TO JOHNSTON ISLAND IN MIDDLE OF PACIFIC

S 2,E-1-4

MIXING CLEANSERS CAN CAUSE FATALITIES--HOOVER

-----1973----- MY27, A-8-1

WASH---FTC HAS DECIDED TO LIMIT USE OF POPULAR PLASTIC  
FOAM INSULATORS THAT PRODUCE HIGH POISONOUS FUMES WHEN  
HEATED

O 5, A-20-1

TUCSON-LETHAL ARSINE GAS LEAK FORCES EVACUATION OF BURR  
BROWN RESEARCH CORP. PLANT--1974--

MY 19,A-2-5

DENVER-HUNDREDS EVACUATED FROM HOMES MY17 DUE TO EXPLOSION  
OF TEAR GAS CANISTER IN COP CAR

-1976-

N 30, A-4-1

FILTERS ON CIGARETS POISONOUS? SAY READER'S DIGEST-LOCHBIL

-1978-

MR 30, A-7-1

LEWISVILLE ARK-DERAILMENT SPEWS GAS; CITY EVACUATED

MY 11, A-2-1

GEISMARLA-CHLORINE GAS PIPE BURSTS, SENDS 58 TO HOSP

**GAS : POISONOUS**

**1978**

MY 12, A-5-1 AM

GEISMAR-LEAK BLAMED ON IMPURITY IN PIPE Ag 25, D-10-1  
WICHITA, KAN-TITANIUM MISSILE SILO LEAKS CORROSIVE PROPELLANT  
GAS, 100 ESCAPE TOXIC CLOUD, 6 INJURED, 1 KILLED

-1979-

Ag 5, A-3-5

CHARLOTTESVILLE, VA-RR CAR LEAKING POISONOUS CHEMICAL PULLED  
INTO CITY. 650 EVACUATED. -1980-

AP3, A-5-1 4DOT

SOMERVILLE-34 HURT, 2000 FLEE FUMES FROM RR TANKER CRASH

AP4, A-6-2

SOMERVILLE, 17,000 FLEE, 150 TREATED

-1981-

JE 11, A-1-1 AM

BARNESVILLE MINN-AMMONIA LEAK INJURES 18

S 22, A-6-1

TOXIC CHLORINE GAS FILLED HARVARD UNIV ATHLETIC BLDG. 37  
OVERCOME --1982--

S 3, A-2-1

TOXIC FUMES INSIDE WASTE TANK AT COORS CONTAINER COL IN GO  
LDEN KILLED TWO EMPLOYEES.

-1982-

0 29, A-13-1AM

NEWINGTON, N.H.-DOZENS OVERCOME WHEN RIOT CONTROL GAS BEING  
USED AT AIR FORCE BASE BLEW INTO COMMUNITY. D 12, A-1-5  
TAFT, LA.-20,000 GALLON UNDERGROUND TANK OF CHEMICALS EXPLODE  
D YESTERDAY AT UNION CARBIDE CORP. PLANT.

-1983-

JA 6, B-1-6W

NITRIC ACID VAPORS ESCAPED FROM TANK AT SOLVENTOL CHEMICAL  
PRODUCTS PLANT IN ROMULUS. 100 RUTED-ILKA

JA 24, A-2-1

NEW ORLEANS- THREATS OF PUTTING POISON CYANIDE IN  
WATER HERE. JA 27, A-5-1

MIXTURE OF SULFURIC AND HYDROCHLORIC ACIDS SPILLED AT INDIAN  
APOLIS CHEMICAL CO. YESTERDAY INJURING 12. Ap26, A-4-1

DC-BEST BANK ILLNESS THAT STRUCK 1000 BLAMED ON ANXIETY

-1984-

D 5, A-4-4

METHYL ISOCYANATE CAUSES LUNG FLUID TO DROWN VICTIMS,  
1500 DIED IN INDIA

F 5, A-6-1

ELKHART-CORROSIVE GAS CLOUD SENDS 32 50 HOSP, RELEASED BY  
CRACKED FREIGHT CAR

Mr 23, B-2-2

Vienna-Iranian soldiers treated for burns caused by chemical  
weapons.

Je 12, B-5-1

Rep John Dingell sees need for new clean air regulatory bill.

Ag 13, A-13-5

VALENTINE-3 towns evacuated in Arizona after train loaded  
with hazardous materials derailed.

Ag 14, 48-1

CHARLESTON- Unidentified chemical leaked from Union Carbide  
plant nr. Charleston.

Ag 14, B-8-5 3dot

INSTITUTE, W.Va.- Union Carbide faces new scrutiny after  
non-toxic leak at another plant 2 days later.

-1986-

F 20, B 7-1

Iraq using poison gas against Iran, U.S. believes

-1986-

Mr 6, A\_4-1

Kenosha-Chlorine fumes fell 11 at bottling plant

Jl 7, B-6-1

NY-Toxic fumes inside Ever New Fenco Co in Brookly n killed 2 workers, 25 injured

Jl 16, B-4-1-d

ForrestCity,Ark-4-day-olf fire in bushels of rice at store house sent toxic fumes into air

Ag 5 A-5-5

NEW DELHI--Indian govt. to file suit against Union Carbide in 1984 poison-gas leak.

-1987- D 11 A-3-1

Explosions aboard shipwrecked freighter releases cloud of poisonous gas over NW Spain causing thousands to flee.

-1988

S 15 A 3-1

Libya has established a chemical weapons production capability and about to begin manufacturing poison gas

-1989-

Ja 31 A-3-1

American businessman & Dutch national chgd with illegally exporting poison gas to Jordan

Mr 9, A-13-1

Indians protest Union Carbide Bhopal settlement

My 23, A-3-1 3Dot

SovietGeorgia-French doctors confirm some demonstrators who  
died in clash with police killed by toxic gas chloropicrine

-1995-

Mr 05 E 1-2

Exhaust from ice resurfacing machines emits toxic gases  
into arenas, like Devon-Air~~ae~~ Arena, Livonia-Girard

Je 18 A 5-6

Religious sect suspected in gas attack on Tokyo's subways  
may have discussed using the gas in the U.S.

01997-

mid-size D29 A 5-1

DC-Pentagon to start training in 22/cities for poison gas  
attack; 27 biggest cities go training last year

GAS - POLICE USE

1927

Je 12, 1-19-8

Gas as a sure cure of banditry demonstrated  
to convention of police chiefs in Windsor.

GAS : PRODUCTION

1942

Form 1656

WPB RESTRICTS DELIVER ARTIFICIAL GAS ---1945---

AG 26, 31-6  
N 6, 1-3 BS 2

CONTROLS OF ABOVE TO BE ENDED NOV 15 ---1947---

MR 25, 24-6 BS 2

2% INCREASE IN GAS PRODUCTION FOR 1946 REPORTED

BEING USED INCREASINGLY AS SUB FOR GASOLINE IN CHI. TAXIS & PRIVATE CARS  
 1-1960-  
 OILMEN AT FORD ROUGE PLANT IN DEARBORN DRILL FOR SALT GUSHES TO STORE ABOVE-SULLIVAN  
 ---1970---  
 MORE ENGINE USE OF LP-GAS EYES-IRVIN --1971--  
 WANDA PETROLEUM CO. UNDER GOVT. PRESSURE AGREED TO ROLL BACK \$6 MILLION IN PROPANE GAS PRICES INCREASES --1973--  
 EVANSVILLE, INA-LEAKING PROPANE TANK CAR PULLED OUT OF LOUISVILLE & NASHVILLE RR YARDS FOR TRIP TO REPAIR FACILITY AT BRANDENBURG, KY.  
 S 22, A-2-3  
 NIXON TO ORDER PROPANE RATIONING, DETAILS FORTHCOMING  
 D 3, B-1-4 N  
 NORTHWEST PROPANE CO. OF FARMINGTON UNABLE TO SUPPLY GAS TO NEW CLIENT, IMPERIAL ENGINEERING INC. OF TROY DUE TO GOV'T RED TAPE IN ALLOCATION FORMS-ILKA  
 D17, A-5-1  
 US TEMP. SUSPENDED EXPORTING ABOVE AND AVIATION FUEL BY TRUCK TO MEXICO.

--1974-

JA 21, B-1-1 W

PLYMOUTH TWP., MICH.-RESIDENTS OF OAKHAVEN TRAILER COURT HIT BY HUGE HEATING BILLS FROM SUPPLIER, GALLUP-SILKWORTH OF ANN ARBOR-ASHENFELTER

JA 31, A-19-1 RACE

ATLANTA-GOV. JIMMY CARTER CHARGES NIXON ADMIN. & MAJOR OIL COMPANIES WITH CONSPIRING TO IMPOSE HIGH BOTTLED GAS PRICES; GA. PROPANE GAS PRICE UP 310% IN LAST YEAR.

MR 31, B-16-4

ALPENA, MICH.-CONCERNED CITIZENS GROUP CRITICIZES US REP. PHILIP E. RUPPE'S AMBIGUITY ON RISING PRICE ISSUE

MR 25, A-13-1

SAN FRANCISCO ATTORNEY GEN. KELLEY SAYS ST. IGNACE GAS & HEATING SERVICE SHOULD GIVE CUSTOMERS REFUNDS FOR FILLING TANKS UNASKED JUST BEFORE FEO ROLLED BACK PRICES

---1975---

JA 5, A-3-1 3DOT

GAS LEAK AT GUARDIAN INDUSTRIES NEAR CARLETON, ASHTWP., FORCED EVACUATION OF RESIDENTS FROM HOMES, FEARED EXPLOSION, SCARE ENDS

MR 19, C-3-1

WASH-ENERGY OFFICE REPORTED THAT PROPANE GAS USERS OVERCHARGED IN RURAL COMMUNITIES

F 26, A-3-5

WAVERLY TENN-2000 FLEE TOWN WHILE EXPLOSIVES EXPERTS TRY  
TO EMPTY DERAILED TANKER CARS; BLASTS ALREADY KILLED 7

--1981--

JA 14, D-1-1

DY-DEE DIAPER SERVICE IN DETROIT RUNNING ON PROPANE.-

T OJANOWSKI

F 19, B-1-1

DISABLED RR TANKER CAR REMOVED FROM RIVER ROUGE YARD,  
6000 EVACUEES RETURN TO HOMES-TSCIRHART

-1982-

N 4, B-4-1E

ST. CLAIR SHORES POLICE CARS TO RUN ON PROPANE-TWARDON

-1993-

X S 19, C-4-2E

Mundy Twp-Emro Propane CO caters to rural Midwesterners-Lear

GAS : RADIOACTIVE

1947

ARMY RESEARCH REPORT SAYS ABOVE ATTACKS ON CITIES ARE POSSIBILITY-  
O 19, 1-15-3

	F 19 A-6-1
Buyer should beware when contractors warn about radon seeping thru basement walls.--Edit	
	O 1 A-10-1
Creating a Radon Scare.--Edit	
	O 22 A-8-1
National Radon Hype Week.--Edit	--1991-- My 19. B-2-1
Radon-is rerun of asbestos-Edit	
	N 20, A <u>14</u> -1
Another blow to Radon hype-Edit	

JA 27, A-1-2

NEW YORK-RESEARCHERS DISCOVERED THIS BUILDS UP IN TIGHTLY  
SEALED HOUSES.-McCann -1984- AP 10, A-5-1

TIGHTLY INSULATED HOMES RISK RADON, LUNG CANCER

JE 7, C-13-1

BOSTON-STUDIES CLAIM NATURAL RADIATION EMITTED BY SOIL UNDER  
HOMES & CONSTRUCTION MATERIALS INSIDE TIES TO LUNG CANCER

-1985-

N 1, A-4-4

Atlanta-linked to cancer peril in homes over uranium,  
granite or phosphate deposits

-1986-

My 15, E-1-5

Homes to be checked for radon-McCann Ag 15, A-4-1  
DC-12% of nation's homes may have unhealthy levels of radon  
gas.

-1986- 0 26, A-1-6

Found in Mich, some area concentrations listed-Pierson

-1987- Ja 28, A 2-6

Lonson-govt to help homeowners seal homes from deadly gas

Mr 19 D-1-1

Americans are exposed to more radiation in their homes than in hospitals or atomic energy plants.

Mr 25 B-3-5

Lansing-State to check 2500 homes for radon.-Angell

Ap 12 B-2-1

Citizen's Guide to Radon available from EPA.Myers

My 14, A 11-1 1dotX

Lans-State to suspend random tests

Ag 5 B-1-2

Most Mich homes safe from radon threat.--Angell

0 15 D-1-1

Tracking a killer--radon.--McCann

DC-3 in 100 exposed to radon die of cancer. N 9 A-3-2  
NY-Book offers ways to rid home of radon. N 9 C-5-1 W

-1988- Ja 7, F-1-1  
Deadlier for smokers F 14 B-6-2

AnnArbor-Research center at UM will train bldg contractors  
to test for & correct radon problems. AP 24, B\_3-1

Early test results Je 3 A-3-1  
Unhealthy levels found at AF bases. Je 10, A-12-1

Safe or sorry?-Edit J1 16, A\_3-1  
Alert found at 17 of 45 Air Force bases

S 13 A 1-2  
Most homes need test for radon, U.S warns

-1988

S 14 B 3-2N

Radon-wary homeowners swamp American Lung Assoc.

S 25 A-1-1 No-dot

Con men preying on consumers' fears of radon gas.

S 29 B-1-6

High radon levels called a threat to Novi, Milford.--Wowk

S 30 B 3-2

Wary homeowners order radon test kits-Toy 0 29, A-3-1

Measure to fight radon is enacted

N 17 C-1-1

Radon Resource & Training Center being est at UM School of  
Public Health in Ann Arbor.

D 5 B-1-2

Storm windows may seal in radon gas.--Pfaff

-1989-

Ja 5 E-1-5

DC-Ralph Nader's Public Citizen group urges govt to  
monitor radon tests.

Ap 21 A-3-2

DC-Radon endangers U.S. schools.

- Ap 22 B-18-1  
Lans.-State not alarmed by school radon study.
- My4 A 18-1  
The Radon Hype-Edit My 14 A-3-2  
EPA warns that radon-bearing rocks are endangering well  
water Je 29 A-19-1  
EPA's radon alarm is just hot air.--Brookes  
Ag 10 B-1-2  
Oakland Co is a radon hot spot--Toy Ag13 A-16-1  
Another Radon Attack.--Edit 0 19 A-4-1  
DC- Radon a danger nationwide. 0 30 A 6-1  
The Radon Scare(Con't)-Edit  
-1990= Mr 5 A-7-1  
Radon: The Anatomy of a Risk-Type.--Brookes

-1990-

Je 27 A 9-1

A study casts doubt on the cancer-causing potential of the small doses of radon

Jl 6 B 3-1

Atty. Gen. Frank J. Kelley warned homeowners to beware of a high-pressure mailing form a company this is trying to sell radon detection devices

Ag 28 B-3-1

375 school bldgs in Mich will be tested for indoor radon

S 10 A-11-1

High costs of Congress' radon-phobia (first in 4-part series on radiation risks).--Brookes

-----1991-----

My 19, B-3-1

Radon comment-EPA turns blind eye to facts-Abelson

-1992

Ja 13 A 2-6

Radiation that contaminated a dozen workers at an air base came from Radon gas

Mr 19 F 9-1

1 in 4 Mich school bldgs might have problem with cancer-causing radon gas.

My 24, B-3-2N

Are schools safe from radon?-Rosenberg

-1994-

Jl 29 A 5-5 State

DC - House approves home radon measure for prospective home buyers.

S 26 E 1-1

New studies downplay possible perils of radioactive gas in homes-Thomas

O 20 B 3-5E

Kits available to test for radon gas

-1995-

Je 06 A 6-1

D.C.-Study says up to 10% of U.S. lung cancer deaths may be caused by radon gas in homes-1996-

Jl 17 A 1-2

DC-Major study says radon exposure doesn't cause lung cancer

-1998-

F 20 A-5-1 nodot

DC-Radon linked to lung cancer deaths

Mr 4 E-1-5

Smoking and radon exposure could propel a person's cancer risk to a much higher level.

GAS:

RATES:

CALIFORNIA

1938

Form 1656

S 9,31-4

ORDER FOR CHEAPER NATURAL GAS RATES IS UPHELD

1933

## GAS - RATES - CAN

Form 1656

The Detroit News

N 24, 45-1 1H(W)

30 ONT CITIES SEEK AMENDMENTS TO GAS CONSERVATION ACT D 1, 41-6 1H (W)

3 MAN BOARD ASKED TO FIX GAS RATES ---1934--- JA 12, 12-6 1H (W)

WESTERN ONTARIO CITIES PREPARE TO FIGHT RATE INCREASE JE 6, 34-1 1H (W)

ONTARIO GOVT. TO FINANCE CITIES' APPEALS FROM RATES. JL 7, 4-8 1H (W)

SOUTHERN GAS CO REFUSES RATE REDUCTION IN LEAMINGTON O 24, 10-3 1H (W)

WAKERVILLE, ONT DECLINES INVITE TO GAS PARLEY MY 16, 3-4 WSC-11

BRUCE J.S. MACDONALD GIVEN AUTHORITY TO NEGOTIATE WITH WINDSOR GAS CO

FOR NEW SCHEDULE OF RATES ---1936--- AG 8, 2-7

ONT. GOVT. STARTS BATTLE FOR RATE REDUCTIONS

---1974--- JA 1, A-18-2

OTTAWA-ALL U.S BUYERS OF NATURAL GAS PRODUCED IN WESTERN  
CANADIAN PROVINCES HAVE AGREED TO PAY EXTRA 67% FOR SUPPLIES

---1975--- AP 13, A-14-1

OTTAWA-CANADA TO ANNOUNCE INCREASE IN PRICE OF NATURAL GAS  
EXPORTED TO US AP 23, D-3-1

OTTAWA-CANADA INCREASING NATURAL GAS PRICE TO US-WARD

---1975---

AP 25, C-5-3

OTTAWA-CANADA PLANS 50-60% PRICE BOOST ON TOUS FOR CANADIAN  
NATURAL GAS, WOULD ONLY BE START MY 6, 8 A-4-1 RACE  
OTTAWA-PRICE OF CANADIAN NATURAL GAS EXPORTED TOUS TO INCREASE  
AG 1 MY 7, A-20-1

WASH-US GOVT. ANGRY OVER CANADIAN GOVT. DECISION TO INCREASE  
PRICE OF EXPORTED NATURAL GAS BY NOV 1

-1976-

MR 3, D-10-4

TO BOOST PRICE \$2 PER 1000 CU FT UP FROM \$1.60

CANADA HIKES GAS PRICES. US CONSIDERS SIMILAR MOVE.  
MY 19, A-1-4  
JE 11, A-2-1

INCREASES PRICE OF NATURAL GAS.

---1977---

MY 5, F-17-5

OTTAWA-CANADA STUDIES INCREASE OF NATURAL GAS RATES-WARD

MY 12, F-10-1

CANADA TO BOOST NATURAL GAS PRICES ITS RUMORED

Up 23<sup>¢</sup>/<sub>10</sub>

1980

O 9, A-1-4

AP 16, A-14-1

OTTAWA- FREEZING PRICE OF NATURAL GAS IT SELLS US UNTIL  
OCT. 1

O 29, A-3-5

OTTAWA-GOVT PLANS TO DOUBLE OIL PRICES, INCREASE PRICE OF  
NATURAL GAS EXPORTED TO US.

GAS:

~~NATURAL~~

RATES:

DETROIT

1939

Form 1656

AG 1,5-1

30,000 SIGN PETITIONS FOR SUBMISSION TO VOTERS OF 2 PROPOSED AMENDMENTS TO CITY CHARTER PROVIDING FOR LOWER RATES

---1940---

AP 4, 4-4

2 UTILITY GROUPS AID IN RATE REDUCTION FOR DET. ~~MOODY~~ AP 20, 17-4

MAYOR JEFFRIES TELLS SEN. COMM. DET. RATES TOO HIGH AP 22, 1-1

SEN. CARL HATCH PREDICTS VICTORY FOR CITY IN RATE FIGHT ~~MOODY~~

AP 25, 17-4

DET. FIGHT TO GET MORE GAS & LOWER RATES MAY PRECIPITATE U.S. INQUIRY ~~MOODY~~

AP 30, 4-1

STATE PROPOSED GAS RATE CUT REJECTED AS TOO LOW ~~MARKLAND~~ MY 2, 1-2

DET. EFFORT TO LOWER RATES STARTS QUIZ EXPECTED TO START SHORTLY ~~MOODY~~

N 20, 1-8

RATES FOR SMALL CONSUMERS SLASHED \$1,200,000

---1943---

S 29, 29-4

RATE INQUIRY CALLED UNNECESSARY

N 10, 13-1

COMPARATIVE FIGURES FROM 8 CITIES AID IN RATE QUIZ

---1944---

JA 4, 1-4

REBATE SEEN FOR DET USERS IN UP CT DECISION IN HOPE NATURAL GAS CO.

JE 7, 2-3

KANSAS CITY RULING TO BRING \$5,000,000 REBATE

---1945---

N 14, 1-8

REDUCTION \$3,961,000-A-YR IN RATES ANNOUNCED-HUSHEN -N 19, 13-4  
JAMES H LEE ACCOMPLISHES NAT. GAS RATE REDUCTION-HUSHEN

---1953---

AP 2, 2-7

HEARINGS TO RESUME APR 28 ON WHOLESALE RATE INCREASES

D 1, 43-6

U.S.SUP.CT.RULING SAVES MILLIONS FOR DET.GAS USERS IN HIKE PLEA OF  
PHILIPS PETROLEUM CO.TURNED DOWN BY COURT

---1954---

MR 19, 17-6-5\*

FPC TO RULE ON DET GAS RATE INCREASE

IE 23, 25-5

CITY OF DET.NOTIFIED THAT PHILIPS PETROLEUM CO.HAS ASKED U.S.SUP.CT.  
FOR A REHEARING OF ITS MAY 15TH RULING WHICH GAVE FPC JURISDICTION OVER  
A GAS PRODUCED & SOLD FOR INTERSTATE COMMERCE

O 15, 2-4

U.S.SUP.CT.DECISION TO STICK BY RULING THAT FPC SHOULD REGULATE PRICES  
OF NATURAL GAS SOLD TO INTERSTATE PIPELINE FIRMS

-----1955-----

JA 7, 10-4

PANHANDLE EASTERN PIPE LINE CO.RATE HIKE MAY UP DETROIT GAS RATE PRICES TOO

AG 19, 28-1

DETROIT GAS RATES LOW DESPITE HIKE IN RATES

-----1956-----

AP 15, 8-7-3

SEN.YOUNGS REVEALS HE HAS REQUESTED SENATE LOBBY COMM.TO INVESTIGATE  
WHAT HE CALLS CH. BY POLITICAL OPPONENTS THAT HE HAD SOLD OUT TO  
NATURAL GAS INTERESTS

1956

GAS - ~~NATURAL~~ - RATES - DETROIT.

MICH-WISCONSIN PIPE LINE CO SEEKS \$4 MILLION BOOST

MY 20, 1-18-4

JL 5, 26-2

IT'S OBFUSCATING-EDIT.

S 30, B-1-4

SUP.CT. OPENS FALL TERM 0 1ST; TO RULE ON "FIELD PRICING" OF ABOVE IN DETROIT

-----1957----- S 12, 31-1

MAYOR CORO SAYS DETROIT FACES \$5 MILLION GAS PRICE HIKE IF PANDAANLE CUTS OFF DET.SERVICE

N 26, 3-1

LANSING-DETROIT GAS RATES EXPECTED TO GO UP 3½ MILLION

N 28, 3-5

MICH CON SEEKS 11% RATE BOOST

-----1958----- F 6, 1-4

LANSING-MICH. CONSOLIDATED GAS RATES TO HIKE AT LEAST \$5.7 MILLION A YEAR BY PSC-HOENSHHELL

JE 13, 49-5

DETROIT WINS STAY IN GAS RATE HIKE-TER HORST

O 15, 3-1

LANSING-DETROIT FACES GAS RATE HIKE IN UTILITY BATTLE-HOENSHHELL

O 17, 20-1

PQNHANDLE VICTORY A RAW DEAL FOR DETROIT-EDIT.

-----1959----- JA 6, 25-6

GAS UTILITY WAR MAY COST DET.MILLIONS

JA 7, 3-5

CITY ATTORNEYS FIGHT MICH.CON.GAS CO.REQUEST FOR RATE HIKE

---1959---

JA 16, 47-1

COUNCILMAN WM. ROGELL RIPS COUNCILMAN JAS. LINCOLN OVER MICH. CON. GAS RATE  
HIKE ISSUE-WELLS

JA 20, 16;-4

NONCONTROVERSIAL RESOLUTION FOR CITY COUNCIL OK OFFERED BY ROBERT REESE  
TO OK HIS INTERVENTION IN NATURAL GAS CASES BEFORE FED. & STATE COMM-  
MISSIONS-WELLS

JA 21, 41-1

CITY COUNCIL PUTS DETROIT INTO GAS RATE FIGHT

---1963---

JA 4, A-20-1

MICH. CON. GAS CO. CUSTOMERS TO RECEIVE \$391,976 IN REBATES FROM CO.

-1979-

JE 26, A-1-5

UP 7.2% IN MAY-BULGIER

CONSUMERS NOW ASSURED RATES CHARGED IN FUTURE WILL BE REASONABLE

D 6, 8-22-1

-----1954-----

AP 14, 34-1

NATURAL GAS TRIES A NEW LINE-EDIT.  
OUR RETURN TO REASON-EDIT.

-----1955-----

JE 9, 34-1  
AP 28, 42-2

OUR JAMES LEE-EDIT

JE 13, 22-1

NATURAL GAS GOUGE IN THE MAKING-EDIT.

JL 5, 22-1

NATURAL GAS BILL-ANOTHER GOLD BRICK-EDIT.

AG 1, 22-1

NATURAL GAS DECISION IS LEFT TO EISENHOWER-

-----1956-----

JA 17, 38-1

GAS CRAB ECLIPSES DIXON-YATES-EDIT.

JA 23, 22-1

LAST CALL TO BEAT GAS GIVEAWAY-EDIT.

JA 24, 28-1

COMMENT ON NATURAL GAS BILL NOW IN U.S. SENATE-EDIT.

JA 31, 22-2

AGST THE GIVEAWAY-EDIT.

F 3, 46-1

GAS BILL; WHEN DEMOCRATS FALL OUT-EDIT.

F 4, 4-1

ANY EDIT. LETTERS COMMENT ON FULBRIGHT-HARRIS NATURAL GAS BILL

F 8, 36-1

GAS BONANZA NOW IN SIGHT-EDI

---1956---

HEIR HEART BREAK FOR LITTLE MAN-EDIT

F 9, 32-1

MEANWHILE THE GAS BILL-EDIT

F 16, 36-2  
F 20, 22-1

IKE'S VETO-IS THE GAS BILL DEAD?-EDIT

F 26, B-22-1

WHO'S TO PAY FOR ELECTIONS-EDIT

JE 7, 34-2

"WHAT GOES ON HERE?" -EDIT ON RATES

O 10, 40-1

SOMETHING FISHY ABOUT "FAIR FIELD PRICE"-EDIT

---1957---

JA 16, 32-2

IKE MESSAGE HIN S HE'LL SIGN NEW HARRIS BILL-EDIT

MY 9, 32-1

NATURAL GAS AMENDMENTS-STILL DUBIOUS-EDIT.

D 25, 38-2

WEIRD JUDGEMENT-EDIT.

---1958---

F 13, 22-1

DISPLAY OF ARROGANCE, BRINGS \$1 BILLION YR. GOUGE TO CONSUMERS-EDIT

D 10, 40-1

GAS PAINS-EDIT.

---1978---

F 20, A-14-1

NEW CERTAINTY: RISING FUEL PRICES-EDIT

MY 26, A-16-1

WEAK ENERGY COMPROMISE STILL BETTER THAN NOTHING-EDIT

AG 31, A-22-1

PRES. CARTER FIGHTS FOR SURVIVAL OF HIS NATURAL GAS PRICE  
BILL-EDIT

		N 22, A-18-1
SHARP INCREASES IN B HEATING OIL; SWITCH TO GAS FURNACE COST \$650-EDIT		D 17, A-16-1
NOT TIED TO ARABS-EDIT	-1981-	AG 25, A- 6-1
A SOCIAL PROBLEM?-EDIT	-1983-	MR 3, A-10-1
DEREGULATING GAS-EDIT		MR 10, A-10-1
OUTFLANKING ALGERIAN GAS-EDIT		MY 2, A-10-1
POLITICAL BTU'S AT WORK-EDIT		MY 10, A-16-1
THE GAS GAME-EDIT		N JL 15, A-14-1
WACKY ALGERIAN DEAL-EDIT		N 4, A-14-1
WHY NOT 'WINDFALL SAVINGS?-EDIT	-1984-	O 12, A-18-1
GAS POLITICS-EDIT	-1985-	JA 27, A-18-1
ANOTHER WINDFALL SAVING-EDIT		

--1985--

Ag 13, A-16-1

Deregulate prices completely.--Edit.

-1987-

N 5 A-22-1

National Steel gets gas from another state without using Mich Con's pipelines or facilities; dispute will have far-reaching effects on rates.--Edit

-1989-

F 22, A-14-1

Liberating the Gas Business--Edit

Ap 19 A-18-1

Finally, Gas Decontrol.--Edit

Je 15 A-18-1

Senate finally recognizes 'energy crisis' is over.--Edit

GAS : ~~NATURAL~~ RATES : ILLINOIS

1940

Form 1656

AG 1, 35-8 CM

AG 31, 19-8

FED. POWER COMMSN ORDERS RATE CUT

CHI-RESTRAINING ORDER HALTS REDUCTION IN NATURAL GAS RATES HERE

GAS : ~~NATURAL~~ RATE INCREASE

1953

FPC SUSPENDS PROPOSED \$13,485,500 ANNUAL WHOLESALE NATURAL GAS INCREASE BY NORTHERN NATURAL GAS CO. OMAHA

JL 28, 33-2

-----1954-----

F 19, 13-1

MICHIGAN AWAITS FPC RULING ON PIPELINE RATES; GAS REFUND POSSIBLE

AP 18, 1-16-3

EARLY HEARING PROMISED ON GAS REFUND

O 6, 55-1

PANHANDLE EASTERN PIPE LINE CO. RENEWS FIGHT FOR \$12 MILLION RATE HIKE

O 7, 18-1

FPC REJECTS REQUEST FOR INCREASE IN PRICE RATES FOR PANHANDLE CO

-----1957-----

JA 8, 30-2

HEARING BY FPC ON PLANNED NATURAL GAS RATE HIKE BY MICH. WISCONSIN PIPE LINE CO. DELAYED UNTIL JAN. 28TH

-----1959-----

JA 24, 8-1

RIVALS OF MICH. CON. GAS CO. OPPOSES ITS RATE OFFER

-----1962-----

JA 2, A-3-1 LF

REQUEST FOR REHEARING ON \$8 MILLION ANNUAL GAS RATE HIKE GRANTED CONSUMERS POWER CO.

GAS: ~~XXXXXX~~ RATES: INQUIRY

1956

FBI TO HOLD QUIZ ON SEN CASE BRIBE ATTEMPT-M HAYDEN F 5, 1-1-8  
SEN. CASE BLOCKS GAS BRIBE QUIZ F 6, 1-4  
3 INQUIRIES EYE LOBBY TACTICS DURING NATURAL AS BILL DEBATING IN U.S. F 7, 1-1  
SENATE-M. HAYDEN F 8, 1-3  
QUIZ ON SEN CASE GAS BRIBE PROMISED NEXT WEEK- F 7, 1-6FL  
PUBLIC INQUIRY ORDERED IN GAS BRIBE CHG. F 9, 7-2  
QUIZ SEEKS TO FIND SOURCE OF DONATION TO SEN. CASE TO VOTE FOR GAS BILL F 10, 15-8  
SPEC L SEN. COMM. CALLS SEN. CASE AS ITS FIRST WITNESS IN AN INQUIRY INTO IF A \$2,500 CAMPAIGN TRIFT WAS INTENDED TO INFLUENCE HIS VOTE F 10, 1-1LF  
SEN CASE TELLS OF HOAX OVER GAS TELEGRAM HERE RECEIVED F 11, 2-7  
SEN COMM. MAY ASK FOR BROADER QUIZ OF ABOVE F 12, B-1-1  
MONEY GIVEN TO SEN CASE FOR GAS BRIBE TRACED TO HOWARD KECK PRES. OF OIL CO. F 12, 1-4  
SEN. MCCARTHY LINKED TO BRIBERY CONCERNING GAS BILL-M. HAYDEN F 14, 1-2  
FED GD JURY OF US OPENS QUIZ ON BRIBE OFFERED SEN CASS IN ABOVE BILL F 14, 18-1  
SEN. MCCARTHY LINKED TO GAS BILL BRIBERY PLOTT-M HAYDEN

-----1956-----

FED. GO. JUR BEGINS INQUIRY TO SEE IF A PROFFERED \$2,500 CAMPAIGN GIFT  
TO SEN. CASE VIOLATED FED. LAWS ABOUT LOBBYING & BRIBERY F 15, 38-7  
PRES. IKE ON SPOT CONCERNING BRIBERY OF U.S. SENATE - J. HAYDEN F 15, 18-5

SEN. MCCARTHY SAYS HE DOESN'T KNOW IF THE PRES. OF SUPERIOR OIL CO. H.  
D. KECK, WHO SUPPORTED ABOVE BILL, HAD GIVEN TO HIS '52 RE-ELECTION CAMP  
AIGN FUND F 15, 1-5

HINT OUT PRES. IKE MAY VETO ABOVE BILL- F 16, 1-3

SEN GORE ASKS FOR QUIZ OF LOBBIES IN SEANTE FOR ABOVE F 17, 42-1  
MONEY AND VOTES-ED F 17, 2-2 LF

US ATTORNEY DONALD R ROSS QUILTS OVER ABOVE ROW F 20, 29-4

2 SENATE COMMS. & FED GO JURY INVESTIGATE DEAD GAS BILL- F 20, 1-6 L

2 NEW SENATORS NAMED IN GAS BILL "GIFT" QUIZ; THEY ARE SENATORS NEFF  
& CASE F 21, 1-3

YOUNG POLITICIANS, DONALD R. ROSS, HAS HIS DREAMS SMASHED BY LOBBY QUIZ  
OF ABOVE-M. HAYDEN F 22, 1-5

QUIZ MAY FIND HOWARD HKECK MAE BIGGEST POLITICAL CONTRIBUTION TO  
NATIONAL CITIZENS FOR EISENHOWER COMM F 25, 5-4

PAUL GERDES SUBPENAED TO APPEAR FOR BRIBE QUIZ F 25, 5-4

~~DONALD R. ROSS, SENATOR, QUILTS OVER ABOVE ROW~~ F 25, 5-4

PAUL GERDES SUBPENAED IN ABOVE BRIBE CASE F 28, 17-8 5\*

PAUL GERDES TESTIFES THAT JOHN NEFF MADE TRIPS OR CALLS TO IOWA, MONT  
& WYO. IN CONNECTION WITH HIS WORK FOR NATURAL GAS BILL

SEPICAL SEN.GRP SEEKS TO CLEAR UP A DIRECT CONFLICT AT ACCOUNT OF WHETHER OIL FIRM LAWYER JOHN NEFF OFFERED AN IOWA CAMPAIGN GIFT

F 29, 3-3

F 29, 3-4 5\*

TESTIMONY HERD ON JOHN NEFF CONTRIBUTIONS TO SEN HICKENLOOPER

MR 1, 32-6

LOBBY QUIZ TO TAKE UP SEN CASE GAS BRIBE

MR 2, 12-1 5\*

SENATE HEARINGS ON OIL INTEREST IN NATURAL GAS BILL ENDS TODAY

MR 3, 2-1

SEN. BRIDGES SAYS SENATE INVESTIGATORS ARE RUNNING DOWN AN "ENTIRELY NEW" LEAD ON NATURAL GAS BILL ACTIVITIES OF OIL LOBBYIST JOHN NEFF

MR 5, 8-2 5\*

SEN. GOLDWATER SAYS HE IS NOT GOIN TO WITHDRAW F.R LOBBY INQUIRY DUE TO RECEIVING \$250 GIFT FROM OIL FIRM HEAD

MR 5, 1-8 LF

OIL LOBBYIST JOHN NEFF ADMITS HE OFFE D CAMPAIGN CONTRIBUTION FOR SEN. KICHENLOOPER IF HE WAS IN FAVOR OF ABOVE BILL  
O L MONEY IN A NEW QUARTER-EDIT.

MR 6, 26-1

MR 6, 19-7

SEN. GEORGE DEEMS JOHN NEFF IMPROPER, BUT LEGAL

MR 8, 17-4

SEN. BRIDGES REVEALS THAT SUP. OIL CO. ATTORNEYS ASKED HIM WHEN THE SEN  
ATE MIGHT ACT ON THE NATURLA GAS BILL

MR 9, 4-4 LF

COMM. TO INVESTIGATE SEN CASE CASEGETS EXTENSION-

---1956---

JE 21, 27-8

S 10, 5-1 5\*

S 11, 18-6

S 12, 40-1

S 11, 18-6 5\*

S 12, 62-8

FED. POWER COMMSN. ORDERS NEW INQUIRY ON GAS RATES

VERNON E LEE, LOBBYIST, ADMITS SENDING FAKE WIRES

SEN McCLELLAN CHARGES FORGERY, FRAUD IN GAS BILL LOBBY

AN ASCIENT DODGE-EDIT.

FRAN O. PRIOR, PRES. STANDARD OIL OF IND, DEFENDS GAS BILL LOBBING

SEN. INVESTIGATORS LINED UP MORE OIL FIRM OFFICIALS & A "SURPRISE" WITNESS FOR QUESTIONING ABOUT LOBBING ON NATURAL GAS BILL

---1960--- MR 24, A-1-1

FPC OFFICIALS TELLS OF SECRET APPEALS ON GAS RATES-MADE-WISE

MR 25, A-13-1

HOUSE SUBCOMM. TO HOLD PUBLIC HEARINGS ON THOMAS G. CORCORAN CONTACTS WITH FPC CHR. JEROME K. KUYKENDALL-WISE

MR 27, A-24-1

THOS. CORCORAN, KEY FIGURE IN FPC GAS PIPELINE CASE, RUMORED TO HAVE RECEIVED \$60,000 FEE

MR 29, D-7-2 1H

ATTORNEY THOS. CORCORAN GOT \$305,907 IN PAY FROM TENN. GAS TRANSM. CORP FPC REVEALS

MR 30, C-11-5

U.S. OPENS INQUIRY OF SECRET GAS RATE PLEA

MR 31, D-9-2 1H

WHITE HOUSE SAID CASE INVOLVING CONTRACTS BY GAS COMP. ATTY THOMAS G. CORCORAN & MEMBERS OF FPC BROUGHT TO ATTENTION OF JUSTICE DEPT

GAS: ~~MAKING~~: RATES: INQUIRY

1960

ATTORNEY THOS. CORCORAN ASKED TO TESTIFY BEFORE HOUSE COMMERCE COMM. <sup>Ap 7, D-7-1 5\*</sup>  
ON HIS BEHIND SCENES CONTRACT WITH MEMBERS OF FPC ON GAS RATE CASE-TER  
HORST <sup>Ap 13, B-5-2</sup>  
FPCA IDES JEROME K. KUYKENDALL, ARTHUR KLINE & FREDERICK STUECKTAK AIR  
TRIP IN UNITED GAS. PIPE LINE CO. PLANE, IN RATE FIGHT-WISE

GAS: RATES: JAPAN

1974

JE 10, A-14-5  
TokyoGas.Co. TO SEEK GOV'TOKON 62%~~OR~~RATE HIKE, AG1

Form 1656

ATTY GEN RULES MICH P U C CAN SET CONSUMERS POWER CO RATES IN SAGINAW

MT. PLEASANT ASKS NEW SCHEDULE OF RATES

LOWER RATES HINTED AT MT. CLEMENS

CONSUMERS' POWER CO REDUCES RATES IN MACOMB CO

---1935---

GAS CORPORATION OF MICH CUTS MT PLEASANT RATES 10¢ PER THOUSAND FEET

BAY CITY OFFICIALS TO ASK CONSUMERS POWER CO. TO IMPOUND DIFFERENCE BETWEEN \$1.25 & \$1.80 PER CUBIC FT. USED BY PEOPLE

MONROE TO ASK GAS RATE CUT

ADRIAN-RATES TO USERS OF AUTOMATIC WATER HEATERS CUT 50 TO 75¢ A MONTH

---1936---

CONSUMERS POWER CO. CUTS RATES IN SAGINAW, BAY CITY & MIDLAND

MICH DIV OF CITIES ALLIANCE BEING FORMED; PLANS GAS SURVEY

---1940---

DEARBORN COUNCIL VOTES TO REFUSE TO NEGOTIATE GAS RATES PROPOSED BY PUB. SERVICE COMMSN.

DECISION ON RATE CASE EXPECTED BY END OF MONTH

S 1,7-5

O 3,2-5

O 12,6-8

D 1,23-1 1HOME

JA 17,18-6

F 27, 4-3-1H

AG 13,4-1

AG 14,27-6 1HOME

JA 16,36-7-NITE

F 5, 46-1

MY 8, 12-1

O 18, 4-8

---1941---

MR 11, 28-1

REP GEO. N. HIGGINS INTRO RES. FOR LEGIS. INQUIRY GAS IN OAK. & WAYNE COS.

& UTILITY RATES  
MR 25, 5-1 BS

REP G N HIGGINS SAYS INQUIRY INTO RATES MAY TAKE PLACE IN OAK. CO.

MY 21, 2-8

HOUSE PASSES BILL TO LIMIT PUBLIC UTILITIES IN BILLING CUSTOMERS FOR GAS

---1943---

AP 3, 5-3

NATL. UTILITIES CO. RAISES FUEL GAS RATES

N 11, 2-8

JACKSON- REPEAL OF GAS RATE CUT IS PROPOSED

N 25, 24-1

JACKSON- BURNIEY BROWER SAYS HE WILL DEFEND TAX REDUCTION RATE

D 15, 26-6 NITE

JACKSON- COUNCIL APPROVE CUT IN RATES

D 23, 7-2 BS

JACKSON RETAINS FRANK L. BLACKMAN TO FORCE CUT.

---1944---

JA 19, 9-3

JACKSON CITY COUNCIL SUES TO CUT RATE

---1952---

MY 14, 7-6

PT HURON- 8% INCREASE IN RATES IN AREA HERE GRANTED

---1952---

D 27, 1-3

---1953---

JA 13, 1-5

MICH. CONS. GAS. CO. GRANTED \$1,896,055 GAS RATE HIKE BY MPSC

---1954---

AP 5, 1-1

GAS RATE RAISE THREATNEE AS 2 FIRMS CLASH, THEY ARE PANHANDLE E STERN PIPE LINE & MICH. CON. GAS CO.

1941

GAS - ~~NATURAL~~ RATES - MICHIGAN

JE 3, 2-8

13 MAYORS INVITED TO CONF., <sup>Form 1656</sup> ET., JE 12 FOR UNIFIED RATE ACTION

---1943---

O 21, 5-1

JACKSON CITY COUNCIL ORDERS GAS RATE CUT

N 4, 11-5 NITE

LAW TO CUT GAS RATES AT JACKSON HELD INVALID

---1944---

N 28, 12-5

PUB SERVICE COMM EXPECTED TO ORDER MILLION DOLLAR RATE CUT BY MICH  
CONSOLIDATED GAS CO.

--1945--

AP 18, 7-5

\$8,000,000 REFUND SEEN FOR USERS OF TEXAS GAS

MY 9, 2-1

\$20,000,000 REFUND ASKED TO BE PAID ONLY TO DOMESTIC USERS OF GAS

MY 10, 32-4

REBATE OF \$8,000,000 FROM PANHANDLE EASTERN PIPELINE CO. DISCUSSED AT  
PUBLIC HEARING

JL 24, 4-3

RIGHT TO REBATE 8 MILLION TO CUSTOMERS SOUGHT BY STATE PUBLIC SERVICE  
CMSN

---1946---

N 26, 13-4

15 PLANS STUDIED IN REFUNDS TO USERS

---1949---

N 29, 7-1

CUT OF \$2,400,000 A YR. BY MICH. CONSOL. GAS CO. DUE JAN. 1

D 1, 20-4

MICH. CONSOLIDATED GAS CO. CUTS RATES TO FIT AVERAGE SMALL USERS BY 25%

D 2, 12-5

MICH-WIS PIPE LINE CO HAS UNTIL JAN 2 TO FIX GAS TARIFF RATE

---1950---

AP 2, 1-9-1

LANSING-MICH GAS & ELECTRIC CO SEEKS TO REDUCE RATES 42% IN 5 CITIES

MY 2, 4-3

GOV. WILLIAMS SNUBS PSC RATE QUARREL

JE 16, 14-4

STATE THREATENED WITH 25% BOOST WITH INCREASED SUPPLY-M. HAYDEN

JE 15, 3-1 BS 2

FCC HEARS ARGUMENTS ON GREATER DELIVERIES; RATE INCREASE PREDICTED

JE 15, 3-1 BS 2

CONSUMERS POWER CO ORDERED TO CUT RATES \$1,161,000

D 10, 1-1-3

---1951---

AP 2, 2-5

MICH-WIS PIPE LINE CO ASKS FCC FOR RAISE IN WHOLESALE PRICE GAS IT  
SUPPLIES TO MICH CONSOLIDATED GAS CO

D 13, 39-4

FPC HEARING ON PANHANDLE PIPELINE RATES RECESSED

---1952---

F 14, 15-5

PANHANDLE EASTERN PIPELINE INCREASE WILL BRING CONSUMER POWER BID FOR  
HIKE

MR 26, 10-5

ADRIAN-CITIZENS GAS FUEL CO. RAISES RATES 16%

AP 14, 1-7

CONSUMER POWER CO. SEEKS RATE INCREASE OF \$5,800,000

MY 10, 14-5

CARL A. WIRTH, GAS ENGINEER FOR PSC, SAYS ABOVE IS ENTITLED TO INCREASE

MY 14, 54-2

LEGAL MEANS TO FORCE GAS CO. REFUND SOUGHT TODAY

MY 15, 5-1

BILL IN LEGIS TO CHANGE GAS RATE REBATES

MY 28, 25-6

CITY COMSN PT HURON ALLOWS GAS RATE HIKE

JE 5, 57-1

BILL TO GOV. TO PERMIT REFUNDS TO CUSTOMERS IF FED. POWER COMSN. REDUCES  
NATURAL GAS RATES

- MICH-WISCONSIN PIPE LINE CO. ASKS FED POWER COMMSN TO APPROVE RATE INCREASE ON ITS NATURAL GAS SALE TO 16 UTILITIES IN MICH & OTHER STATES  
JE 12, 7-1 BS 2
- HENRY TUTTLE, PRES. OF MICH. CONSOLIDATED GAS, WARNS OF GAS HIKE IF PIPE RATES RISES  
JE 13, 19-6
- MICH. PUB. SERVICE COMM. GIVEN OK ON FORECAST OF REBATE BILL; HOENSHELL  
JE 15, 1-16-6
- GOV WILLIAMS SIGNS BILL ON REBATES  
JE 17, 3-3
- MICH. PUB. SERVICE COMM. OK'S ABOVE RATE HIKE OF \$7,213,694 FOR YEAR  
N 19, 1-7
- MICH. CONSOLIDATED TO ASK FOR SECOND RATE BOOST  
D 12, 1-8
- CONSUMERS POWER CO. GETS 5 1/2 MILLION RATE INCREASE TO MEET RISING OPERATING COSTS  
D 18, 1-6
- MICH. CONSO. GAS. CO. FORMALLY ASKS PSC FOR PERMISSION TO INCREASE GAS RATES BY APPROX. \$1,900,000 A YR  
D 27, 1-5
- PSC OFFICIALS EXPLAIN 2 RATE HIKE'S GIVEN MICH C.O. GAS CO. HOENSHELL  
F 1, 1-32-1
- MICH. CONSOLIDATED GAS CO. HAVE CASE FOR RATE INCREASE READY AFTER 6 YR IN MT. PLEASANT BY MPSC  
AG 20, 35-1

-----1954-----

F 24, 19-3

MICH.UTILITY COMPANIES BACK NATURAL GAS RATES GIVEN THEM BY PANHANDLE EASTERN PIPE LINE CO.

AP 8, 33-1

AP 10, 16-3

AP 11, 1-16-2

AP 14, 23-1

AP 18, 8-4-4

MY 1, 1-4

MY 2, 1-7-1

MY 7, 1-4-BB

MY 14, 1-5

MY 16, 4-20-3

MY 24, 9-1

JE 5, 14-8

JE 9, 35-5

S 23, 17-1

EFPC DELAYS GAS RATE INCR ASE VOTE FOR MICH-BALL  
MT PLEASANT GETS GAR RATE INCREASE FIRST SINCE 1936  
CHG THE FAILURE OF STATE TO INTERVENE IN HEARING ON GAS RATES TO  
COST CONSUMERS \$20,000,000 ANNUALLYT

MICH.ATTY.GEN.MILLARD AKS NEW HEARING IN ABOVE-RUDOW

MICH NATURAL GAS GOT PRICE BOOST AT ABOUT 25 CENTS MO

MPSC ORDERS GAS RATE CUTS TOTALLING \$5,426,659

2 MAJOR GAS COS ORDERED TO CUT GAS RATES BY \$5 MILLION

MPSC AMMOUNCES RATE REDUCTIONS FOR MICH

WAYNE COUNTY INTERVENES IN GAS RATE CASE

2 BIG MICH GAS UTILITIES COME TO END OF FIGHT-HOENSHILL

JAS.LEE,CITY ATTORNEY FOR DET.,TO GO TO D.C.TOTESTIFY IN CITY FIGHT

OVER ABOVE-TENDLER

REFUNDS TO MICH NATURAL GAS USERES DELAYED UNTIL LATE SUMMER

CITY OF DET. PREPARES AN APPEAL FR.RULING OF PRC WHICH UPHELD AN AP

15TH ORDER PERMITTING HIGHER GAS RATES IN MICHIGAN

MICH WISCONSIN PIPE LINE CO ASKS REHEARING ON GAS RATE CUT

**GAS - NATURAL - RATES - MICHIGAN**

**1954**

FEDERAL POWER COMM. HAS MODIFIED A JULY 30 ORDER TO GIVE MICH.-WISCONSIN PIPE LINE CO. AN ANNUAL NATURAL GAS RATE INCREASE  
N 30, 10-3  
D 10, 8-4 1H  
PHILLIPS PETROLEUM ASKS RATE BOOST IN STATE

-----1955-----

LANSING-A RATE INCREASE IMPOSED BY CONSUMERS POWER CO. ON NATURAL GAS CUSTOMERS TO BECOME EFFECTIVE FIRST IS DECLARED ILLEGAL BY ATTY. GEN.  
JA 19, 29-8  
JA 28, 12-4  
REQUEST FOR RATE HIKE FOR NATURAL GAS IS ASKED OF FPC BY MICH-WIS-PIPE LINE CO.  
O. 4, 27-3

WAYNE COUNTY LOSES FIGHT TO REPRESENT RATE PAYERS IN FIGHTING PETITIONS FOR HIKE IN RATES

-----1956-----

POWER COMMSN. SETS A HEARING TO START IN D.C. MAY 1ST ON A \$1,526,000 ANNUAL WHOLESALE NATURAL GAS RATE HIKE BY MICH.-WISCONSIN PIPE LINE CO. OF DET  
MR 31, 2-2  
MY 20, 1-18-4  
MICH-WISCONSIN PIPE LINE CO ASKS \$4 MILLION RATE BOOST  
JE 7, 54-5  
CITY WILL SIT IN ON ANOTHER NAT. GAS RATES CASE BEFORE FPC

CITY OFFICIALS TO ATTEND GAS RATE HEARINGS IN WASH.  
JL 21, 5-6  
FPC REJECTS RATE SCHEDULE BY AM.-LA. PIPELINE CO.  
JL 24, 12-8  
AG 14, 24-4  
MICH PSC OK'S CUTS IN RATES BY MICH GAS UTILITIES & S. EASTERN MICH GAS CO

/ -----1956-----  
 STATE URGES LARGER SHARE OF CONSUMERS POWER GAS RATE REFUND FOR HOUSE  
 HOLDERS. N 22, 3-5  
 \$8.5 MILLION REFUND DUE WAYNE COUNTY GAS USERS D 28, 27-4  
 EARMARK \$3,808,975 IN GAS REFUND FOR DET.  
 -----1957-----  
 GAS BOOST OF 6 PCT. SOUGHT F 20, 1-6, LF  
 HEARING DUE IN MARCH ON GAS RATE HIKE OF 6 PCT. BEING SOUGHT F 21, 44-3  
 MICH. WISCONSIN PIPE LINE CO. PROPOSES A \$2.7 OR 4.9 PCT. ANNUAL WHOLE-  
 SALE RATE HIKE MR 6, 73-6  
 PRICE BOOST DUE NEXT WINTER MR 29, 2-6  
 HEARING AG 27 ON MICH CONS RATE BOOST JL 13, 6-3  
 WAY CLEARED FOR PHONE RATE & GAS DECISIONS- J 20, 12-1  
 NATURLA GAS WILL CLEARED FOR HOUSE ACTION AG 1, 6-1 1H  
 MICH. GAS & ELECTRIC CO. PETITION FOR HIKE O 10, 10-1  
 MICH CONS SEEKS 11% RATE BOOST N 28, 3-5  
 -----1958-----  
 PANHANDLE EASTERN PIPE LINE CO. GAS CUTOFF MAY AFFECT LOCAL RATES JA 12, A-16-6  
 \$5.9 MILLION BOOST IN GAS RATES OK'D-HOENSHILL F 8, 1-2  
 REP. WM. ROMANO PLASTS GAS RATE HIKE F 11, 23-7  
 DET TO APPEAL RATE RISE MR 6, 19-1

# GAS - RATES - MICHIGAN

1955

- MICH CONSOLIDATED GAS CO ASKS FOR \$9MILLION HIKE IN GAS RATES F 16, 24-1 5\*  
N 17, 14-11
- STATE OF MICH TO GET \$715,000 REFUND FR ABOVE-OLIVER  
-----1956----- AG 1, 6-6
- PT. HURON-SOUTHEASTERN MICH. GAS CO. TO APPLY TO MPSC FOR OK TO CUT NATURAL GAS RATES ABOUT 10 PCT. -----1961----- D 15, C-12-8
- SAULT GAS CO. CUSTOMERS TO GET \$8,0126 AFTER AUDITORS CHECK  
-----1963----- JA 13, A-20-1
- MONROE-LOWER RATES FOR MICH GAS UTILITES CO SOUTHERN DIVISION CUSTOMERS TO GO INTO EFFECT JA 15

GAS: ~~WATGAS~~: RATES: MICHIGAN

1958

DET. TO GET CHANCE TO PROVE CHGS THAT MICH. CONSOLIDATED GAS COLLECTORS ARE VICTIMS OF \$2 MILLION A YEAR FINANCIAL MANEUVER

MR 20, 56-1

FED. POWER COMSN. RULED MICH. MICH. WISCONSIN PIPE LINE CO. BE ALLOWED REQUEST TO BOOST RATES

D 2, 9-2

---1959--- F 11, 4-4

FPC EXAMINER REJECTS RATE HIKE COLLECTED BY PANHANDLE FASTER FROM CUSTOMERS FOR MORE THAN 3 1/2 YRS, & ORDERS REFUND

---1960--- MR 24, R-7-1

MICH. CON. GAS CO. TO START PRESENTING ITS CASE FOR A \$5.4 MILLION RATE HIKE BEFORE PSC MAY 2ND

MY 2, A-1-3 FIN 5

MICH. CON. GAS CO. TELLS PSC IT NEEDS A \$14,370,000 RATE HIKE TO ACHIEVE A FAIR RATE OF RETURN"-HOENSHALL

MY 3, A-3-1

GAS RATE HIKE ESTIMATED 4 1/2 CENTS DAILY"-HOENSHALL

MY 4, C-12-1

MULTI-MILLION DOLLAR GAS CONTRACT PUT UP TO MICHIGAN

---1960--- MY 6, D-9-1

PROSECUTOR OLSEN SCANS GAS CONTRACT FOR GT. TAKES STEEL

JE 8, A-1-1

LANSING-CONSUMERS POWER CO. ASKS PSC FOR RIGHT TO "REVISE GAS RATES UPWARD"

---1960--- JE 9, A-14-1

\$15 MILLION GAS RATE HIKE ASKED-HOENSHALL

JL 13, C-11-5

ADRIAN-CITIZENS GAS FUEL CO. TO HIKE RATE

S 27, A-3-7

TO SEEK RATE INCREASE-HOENSHALL

O 11, B-6-7

ALPHONSE H. AYMOND JR. TOLD HEARING CONSUMERS POWER CO. NEEDS GAS RATE BOOST

O 26, C-15-6

MPSC TO HEAR CITY OF MONROE PETITION FOR MICH. GAS UTILITIES CO. TO

N 24, A-1-8

HALT SUBMITTING ESTIMATED GAS BILL TO CUSTOMERS

900,000 CUSTOMERS OF MICH. CON. GAS CO. TO PAY \$7,500,000 MORE IN RATES DURING COMING YEAR-RUDOW

---1961---

F 18, A-6-6

MONROE'S MICH GAS UTILITIES CO ASKS RATE RISE

MY 6, A-3-5

CONSUMERS POWER CO. HAS GRANTED A \$7,925,307 NATURAL GAS RATE HIKE TO BE SPREAD OVER 520,000 CUSTOMERS IN OUTSTATE MICHIGAN

JE 3, A-8-7 FIN 3

LANSING-CONSUMERS POWER CO. GOES TO COURT TO FIGHT FOR A BIGGER NATURAL GAS RATE HIKE

S 27, C-20-8

RATE HIKE OK'D FOR MICH. GAS UTILITIES CO.

O 19, A-15-1 FIN 5

GAS OFFICIAL, HUGH DALY SEES THREAT TO MICH. CONTROL OF GAS RATES

MR 22, C-18-6 FIN 5

---1962---

STATE ORDERS MICH. GAS & ELECTRIC CO. TO SHOW CAUSE WHY ITS RATES SHOULD NOT BE REDUCED

---1965---

S 9, A-11-5 3\*

FPC BARS RATE BOOST TO MICH WISC PIPELINE CO

GAS: ~~XXXXXX~~ RATES: MICHIGAN

1962

CONSUMERS POWER CO. TO REFUND \$4 MILLION TO 300 MICH COMMUNITIES & REDUCE ITS RATES BY \$2,000,000 A YEAR

JL 13, B-13-3

CUSTOMERS TO PAY LOWER RATES AND GET OVER \$3,000,000 IN REFUNDS-POPA

JL 28, A-3-8

D 13, A-26-1

ADRIAN-12,000 CUSTOMERS OF CITIZENS GAS FUEL CO TO SHARE \$204,396 IN REFUNDS BECAUSE OF FEDERAL REDUCTIONS IN RATES CHARGED BY SUPPLIER

D 28, B-5-3

MICH PUBLIC SERVICE COMM. CUT \$149,000 FROM AN INCREASE IT GRANTED IN OCT 1961 TO MICH. GAS UTILITIES CO. ---1963---  
MICHIGAN CONSOLIDATED GAS CO. ANNOUNCES PLAN FOR CUSTOMERS TO LEVEL OFF PEAK GAS BILLS OF WINTER & PAY REST OF YR

MR 5, A-10-7 FIN 5

MR 26, D-7-7

MICH. CONSOLIDATED GAS CO. ANNOUNCES NEW LOWER RATE TO REDUCE COST OF NATURAL GAS USED FOR AIR CONDITIONING

MY 10, A-19-1

MICH. CON. GAS CO. 850,000 CUSTOMERS TO SHARE \$5½ MILLION IN REBATES ON GAS BILLS NEXT WINTERS

JL 10, A-1-5

MICH. CON. GAS CO. TO REBATE \$6,600,000 TO CUSTOMERS OVER 6-MONTH PERIOD BEGINNING OCT.-POPA

AG 13, A-3-6 LF

MICH PUBLIC SERVICE COMM. OKD CONSUMERS POWER CO. PLAN TO REFUND \$2,464,270 TO 600,000 GAS CONSUMERS IN 32 COUNTIES  
\$150,000 REFUND TO 5,000 CUSTOMERS OF CITIZENS GAS FUEL CO OF ADRIAN TO BE MADE IN NOV.

AG 13, A-8-5 FIN 3

--1963--

S 25, C-12-6

MICH GAS UTILITIES CO OF MONROE TO REFUND \$118,534 TO CUSTOMERS IN OCT BILI.

--1964--

AP 15, A-3-3

LANSING-\$1,700,000 CUT IN RATES FOR GAS CUSTOMERS WILL BE EFFECTIVE SOON

MY 12, B-3-3

LANSING-CONSUMERS POWER CO. TO REDUCE RATES FOR GAS BY \$1,702,000 A YR STARTING WITH BILLS BEING SENT MAY 18

JE 28, A-11-8

MICH. GAS UTILITIES CO TO RECEIVE RATE REDUCTIONS TOTALING \$425,000 THIS YR.

D 23, A-10-6

ADRIAN-RATE REDUCTION AVERAGING 2-3% TO CUSTOMERS OF CITIZENS GAS FUEL CO. IN THIS AREA WILL START JAN. 1

--1965--

JL 3, A-8-1

BARRING FURTHER FED. LITIGATION, MICH. CON. GAS CO. TO PASS ON TO CUSTOMERS \$1,523,000 IN REFUNDS FROM PANHANDLE EASTERN PIPE LINE CO.

AG 20, C-5-1

MICH. CONSOLIDATED GAS CO. ANNOUNCED \$2 MILLION RATE REDUCTION

O 10, B-21-6 2\*

LANSING-PUB SERVICE COMSN HAS ESTABLISHED NATURAL GAS RATES FOR MICH GAS & ELECTRIC CO TO COMPLET 1 OF FINAL STEPS IN MAKING SERVICE AVAIL ABLE TO UP

--1966--

F 21, A-1-2 6\*

LANSING-REFUND OF \$2,661,000 ANNOUNCED TO MICH. CONSOLIDATED GAS CUSTOMERS

--1968--

N 5, A-8-1

LANSING-DUE TO CONT. INFLATION GAS RATES TO BE INCREASED IN MICH.

1968

GAS: ~~XXXXXX~~ RATES: MICHIGAN

LANSING-CONSUMERS POWER CO. ASKED MICH. PUBLIC SERV. COMMSN FOR 14% INCREASE  
IN NATURAL GAS RATES ---1969--- N 8, C-7-6  
LAW TO BACK ATTY GEN FRANK J. KELLEY STAND AGST RATE INCREASE FOR MICH. CON- F 21, C-10-1  
SOLIDATED GAS JE 6, A-1-2  
LANSING-STATE OKS RATE INCREASE FOR MICH. CONSOLIDATED GAS CO. - FNGLE  
JL 31, A-1-5  
LANSING-MICH. CONSOLIDATED GAS CO. INCREASES RATE FROM \$1.75  
TO \$2 PER FIRST 500 CUBIC FT-SANDNER N 13, C-10-1  
LANSING-WINS RATE HIKE PF \$1.3 MILLION--MICHIGAN GAS UTILITIES  
CO, --- D 13, B-9-4  
LANSING-WISCONSIN MICHIGAN POWER GRANTED RATE HIKE ---  
---1970--- N 5, A 8-1  
MOST RESIDENTIAL CUSTOMER SERVED BY SOUTHEASTERN MICH GAS  
CO OF PORT HURON TO PAY AVERAGE OF \$1.25/MR MONTH MORE UNDE  
NEW RATES APPROVED D 2, C-10-6  
FEDERAL POWER COMMSN RECOMMENDED APPROVAL OF TRANSMISSION  
PLAN TO INCREASE ~~WH~~ WHOLESALE RATES BY 7.4% ANNUALLY

--1971--

JA 11,A-1-4

MICH PUBLIC SERVICE COMMSN APPROVED INTERIM RATE INCREASE  
OF \$9.2MILL FOR MICH CONSOLIDATED GAS CO--SANDNER

JA 26,B-5-3 /R. CE

STATE PUBLIC SERVICE COMMSN APPROVED CONSUMERS POWER CO,  
JACKSON & MICHIGAN GAS UTILITIES CO, MONROE TO RAISE COM-  
MERCIAL GAS RATES WHENEVER WHOLESALE PRICE OF GAS INCREASES

F 17,A-12-1 RACE

ATTY GEN FRANK J KELLEY RECOMMENDED STATE PUBLIC SER-  
VICE COMMSN LOWER REQUESTED \$18.4MILL RATE INCREASE FOR  
MICH CONSOLIDATED GAS CO TO \$2.5MILL

AP13,A-10-1

ATTY GEN FRANK KELLEY OPPOSES RATE BOOST FOR CONSOLIDAT-  
ED GAS

N 18,A-15-1

MICH PUBLIC SERVICE COMMSN APPROVED AGREEMENT UNDER WHICH  
MICH CONSOLIDATED TO HOLD LINE ON GAS PRICES FOR 14 MOS  
UNLESS WHOLESALE COSTS INCREASE--NEHMAN

N 25,A-26-6

\$1 MONTHLY HIKE OK'S FOR ABOVE--SCHUSTER

D 4,A-3-1

CONSUMERS POWER CO PETITIONED STATE PUBLIC SERVICE COMMSN  
FOR PERMISSION TO IMPLEMENT INTERIM RATE HIKE

GAS: RATES: MICHIGAN

1971

STATE PUBLIC SERVICE COMMSN GRANTED \$6.5MILL INTERIM RATE  
INCREASE FOR ABOVE

D 23, A-1-1

---1972---

JA 19, C-1-1

MICH CONSOLIDATED GAS CO CUSTOMERS TO BE GETTING BREAK  
IN GAS BILLS---REBATE & RATE ~~XXXXXXXXXX~~ REDUCTION---

DOUGLAS

JA 25, A-13-1

CONSUMERS POWER CO ASKING MICH PUBLIC SERVICE COMMSN FOR  
PERMISSION TO RAISE NATURAL GAS RATES TO INCREASE REVENUES  
ANOTHER \$7.5MILL

MY3, A-22-3

LANSING---\$1.6 MILLION GAS RATE BOOST OK'D BY PSC

-----1973-----

MY18, A-8-1

LANSING---MICH.PUB.SER.COMM. ASKING ATTY.GEN.FRANK KELLY  
TO INTERVENE IN RATE INCREASE CASE MICH.WISCONSIN PIPE LINE  
CO. HAS BROUGHT BEFORE FED.POWER COMM.

MY24, B-4-1

LANSING---MICH.POWER CO. GIVEN PERMISSION BY MPSC TO IN-  
CREASE GAS RATES FOR 47,000 CUSTOMERS BY 24.5%

N20, A-8-3

NATURAL GAS USERS TO GET \$.25MILLION , IN REFUNDS.

--1974--

F8, D-2-1

ATTY.GEN. KELLEY FEARS WINDFALL PROFITS FR. MICH. CONSOLIDATED  
EED IF MICH.PSC OK'S ITS SALE OF GAS TO CONSUMERS POWER.  
AP 20, A-3-5

MICH.PSC ORDERS CONSUMERS POWER NATURAL GAS CUSTOMERS TO PAY  
FOR MARYSVILLE PLANT OPERATIONS MY 18, A-3-1

CONSUMERS TO RAISE GAS RATES D 1 DUE TO RATE HIKE REQUEST  
OF BIGGEST SUPPLIER TRUNKLINE GAS CO.-HANSEN N 20, A-3-3

CONSUMERS GAS RATE CUT BY AVERAGE \$30 YR FORM HOMES AS RE-  
SULT OF ORDER BY MICH.PUBLIC SERV.COMMSN.-HANSEN

---1975---

JA 9, C-8-1

MICH. CONSOLIDATED GAS CO. CUSTOMERS FIND THAT RATES INCREASED  
13 1/2% F 7, A-2-3

CONSUMERS POWER & DET. EDISON CUSTOMERS FACE HIGHER RATES AS NEW  
OIL TAXES TO HIKE BILL MORE THAN \$1 A MONTH-HANSEN

MR 26, A-3-1

MICH. CONSOLIDATED GAS ASKED FOR APPROVAL OF GENERAL RATE IN-  
CREASE TO BOOST HEATING BILL IN DET. AP 24, A-3-1

DET. AREA USERS TO FEEL CANADIAN GAS HIKE WITH INCREASES IN HOME  
HEATING BILL WITH THIS WINTER LLCOX

1975

GAS - RATES - MICHIGAN

JL 6, G-8-1

SOUTHEASTERMICH.GASCO.AUTHORIZED TO RAISE ITS RATES

JL 25, A-3-2

MICH CON GAS CUTS \$66.4 MILLION RATE HIKE REQUEST BY 56%

WILLCOX

AG 4, A-1-5

LANS-\$29.5 MILLION HIKE OKD; LESS THAN  $\frac{1}{2}$  OF 1ST REQUEST

N 14, A-3-4

LANS-PUB SERV COMM CONSIDERS CONSUMERS POWER INCREASE OF

\$14 MILLION=WILLCOX

--1976---JA 19,C-6-5

DUE TO FREEZING WEATHER GAS AND FUEL BILLS TO SOAR.

MR 7, A-2-1 HOME

LANS-PSC TO RULE IN RATE HIKE OFCONSUMERSPOWERCo.& REFUNDS

IN GAS RATES TO FINANCE IT'SMARYSVILLE PLANT

LANSING- PSC MAY CHANGE GAS BILLING METHOD.  
My 18, B-1.2 STATE

---1976---MY28, A11-2

CONSUMERS POWER ASKS \$54.1MILLION HIKE. JE 29, C-4-4

LANS-CONSUMERSPOWER REQUEST TO RAISE RATES DENIED BYPSC

JL 28, A-9-1

25% HIKE SEEN AFTER FPC MOVER

O 8, A-14-1

MICH.CONSolidATEDGASCo.TO INCREASE RATES 30%-GEBERT

O28, A-4-1

PSC UPHELD CONSUMER POWER CO. REFUSAL TO PROVIDE GAS  
TO HEAT FOX LANE APT. SWIMMING POOL. D22,C-10-1

NEAR RECORD COLD IN MICH HIKES GAS AND FUEL BILLS.

D 28, B-7-3 1DOT

CONSOLIDATEDGAS SAYS RATES LIKELY TO KEEP GOING UP

D 28, A-1-2

EXTRA COLD WINTER TO RAISE FUEL BILLS

-1977-

F 8, A-1-2

50 POOR RESIDENTS CHALLENGE COMPUTER ESTIMATED BILLS-NELSON

F 24, B-1-1 ST

LANS-KELLY URGES PSC TO CUT PASS-ALONG PRICES FOR GAS

1977

GAS: RATES: MICHIGAN MR 11, A-2-3

MICH. CONSOLIDATED ASKING FOR \$110 MILLION RATE INCREASE.

MR 22, A-13-2

LANS-SINS 1.1% RATE HIKE

MR 25, A-3-1

MICHIGAN GAS FIRMS TAKE IT EASY ON OVERDUE BILLS-  
CREELIN

JL 6, B-1-1 ST

PORTHURON-HEARINGS SET ON PROPOSED GAS RATE HIKE FOR SOUTH-  
EASTERN GAS CO.

O 4, A-1-2

UP 15% FOR WINTER

■ O 5, A-18-4

UP 15%-O'CONNOR

---1978---

JA 5, A-3-6

LANS-PSC TO ALLOW \$16 MILLION RATE INCREASE TO MICH. CONSOLIDATED GAS CO., CUSTOMER TO PAY \$5.88 MORE A YR.

JA 24, B-1-1

LANS-PSC OKS RATE HIKES

F 15, E-5-2

PLENTY OF GAS AVAILABLE, WILL KEEP GETTING MORE EXPENSIVE-  
SMITH

-1978-

Mr 16, B-1-5 St

LANS-PSC OKS SOUTHEASTER MICH GAS CO RATE HIKE

Mr 21, B-2-6 St

LANS-CONSUMERS POWER HAVE OVERCHARGED CUSTOMERS, SAYS MICH. OFFICIALS

Mr 27, A-1-1

UTILITY BILLS HAVE DOUBLED SINCE 1970-PIPP

Ap 11, A-18-5

LANS-FRANK KELLY OPPOSE HIKE

My 28, B-7-3

LANS-MICHIGAN POWER ASKS 3.2% HIKE

Je 6, B-3-1-W

LANS-CONSUMERS POWER CO. TO REFUND \$23 MILLION TO NATURAL GAS CUSTOMERS.

JL 11, A-3-1 AM

LANS-HEATING COST ON THE RISE AGAIN

Ag 11, B-4-2 St

LANS-FRANK KELLEY FILES SUIT AGST CONSUMER POWER IN ATTEMPT TO CANCEL NATURAL GAS RATE INCREASE

O 18, B-11-2-D

LANS-KELLEY ATTACKED MICH CON GAS FOR REQUESTING NEW HIKE AFTER JUST RECEIVING INCREASE

O 29, A-1-5

MICH MAJOR GAS, ELECTRIC & PHONE COMPANIES LOST MORE THAN \$30 MILLION IN UNPAID BILLS LAST YR.-LOCHBILER & PAYNE

**GAS : RATES : MICHIGAN**

**1978**

**LANS-RATE INCREASES OF \$22.9 MILLION APPROVED BY JUDGE.**  
N 1, B-4-1-D

**GROUP ASKS PSC TO DENY RATE HIKE TO MICH CONSOLIDATED GAS**  
N 28, A-13-3 ED  
-1979- F 17, A-12-3

**LANS-JUDGE THOMAS BROWN HALTS MICH CONSOLIDATED GAS RATE**  
**HIKE**

MR 20, B-1-6  
**LANS-MICH CONSOLIDATED GAS CO WINS INTERIM INCREASE**

MR 21, B-1-5  
**LANS-\$10MILLION RATE HIKE TOO LITTLE SAYS MICH CON GAS CO**  
MR 21, A-7-6 AM

**LANS-PSC ORDERS MICH POWER CO TO REDUCE RATES MY 5, A-3-1**  
**BILLS OF MICH CON SOLIDATED CUSTOMERS WILL GO UP 8.6%.**

JE 28, B-15-1 W  
**LANS-CONSUMERS POWER CO WINS RATE INCREASE**

-1979-

JL 19, B-2-4N

LANS-CONSUMERS \$29.3 MILLION REFUND PROMPTS MOVE FOR CHGS  
PSC CALCULATES PURCHASED GAS ADJUSTMENTS. Ag 17, E-1-1

LANS-HOMEOWNERS SHOULD BE SHELTERED FROM EFFECTD OF FED  
ACTION TO DECONTROL NATURAL GAS PRICES. Ag 22, B-2-3wD

LANS-\$24 MILLION REFUND TO CUSTOMERS APPROVED. WILL RESULT  
IN AVERAGE \$10,50 CREDIT.

O 9, A-1-4

MICH CONSOLIDATED GAS UP 3.5%

N 7, B-6-1

LANS-WINS RATE INCREASE

N 27, C-8-1-4DC

LANS-CONSUMERS GRANTED \$29 MILLION INTERIM INCREASE IN  
RATES.

D 12, A-3-1AM

NAZURAL GAS CUSTOMERS TO GET BREAK ON 1980 BILLS AS RESULT  
OF ORDER BY PSC.

-1980-

F 6, B-6-2

LANS-STATE RAISED MICH CONSOLIDATED'S RATES BY \$14.7 MILLION

MR 4, B-1-1

MANY AREA BUSINESSES & INSTITUTIONS TAKING STEPS TO SLOW  
EVER INCREASING SPIRAL OF HEATING COSTS-WARREN

**GAS : RATES : MICHIGAN**

**1980**

LANS-JUDGE RECOMMENDS \$21.3 MILLION RATE INCREASE FOR MICH  
CONSOLIDATED GAS CO. N 13, B-4-3

**-1981-**

**JA 7, B-2-2 D**

LANS-MICH CONSOLIDATED GAS GETS HIKE OF 1% JA 21, D-8-5

FRANK KELLY ASKS PSC TO DELAY MICHIGAN CONSOLIDATED GAS

HIKE  
LANS-MICH CON, CONSUMERS WIN 1% HIKE

**JA 21, D-9-1**

**JA 31, A-10-1**

LANS-\$40MILLION GAS RATE HIKE

**F 3, B-2-1 ST**

AGED GET HEAT RATE BREAK

**F 6, B-1-5**

CUSTOMERS IRATE OVER STEADILY RISING HEATING BILLS-CAUFFIE

**MR 4, B-2-2AM**

LANS-ATTY GEN KELLEY SUES OVER INCREASE GRANTED TO MICH  
CON GAS CO. OF \$39.5 MILLION.

**My 6, B-5-5**

JACKSON-USERS FACE 50% RATE HIKE , CONSUMERS POWER

-1981-

My 7, A-1-5

CONSUMERS POWER ~~X~~ILLS TO LEAP-WARREN

My 9, A-1-2

LANS-3 FIRMS SUE PSC OVER ENERGY CONSERVATION PROGRAM FOR  
MICH HOMEOWNERS-BRODER

My 27, A-1-5

MICH GAS USERS IN LINE FOR REFUND AFTER LOUISIANA TAX

My 29, B-2-1ST

~~MICH~~ <sup>MRULING</sup>  
/OPPOSED TO IMMEDIATE DECONTROL OF NATURAL GAS JE 3, B-3-3  
LANS-KELLEY TO FIGHT PENDING INCREASES OF UP TO 50% FACED  
BY CONSUMERS POWER CUSTOMERS AS RESULT OF ALGERIAN GAS.

JE 4, B-13-1W

LANS-ATTY GEN KELLEY TO ASK SUP CT FOR \$60 MILLION REFUND  
OF UNCONSTITUTIONAL TAXES.

JE 11, R-1-4 AM

LANS-NO HITCH SEEMS LIKELY IN PRICE INCREASE

JE 17, F-6-3 E

LANS-FRANK KELLY WANTS BILL AUTOMATIC GAS BOOSTS

JE 25, A-1-2 AM

LANS-PSC ALLOWS CONSUMERS RATE INCREASE

GAS : RATES : MICHIGAN

1981

- MERS PROTEST CONSUMERS POWER HIKE-SMITH, A-1-1  
JL 14, B-1-4
- LANS-200 PROTEST AT PSC HEARING OVER CONSUMERS POWERS RATE  
INCREASE-WILKERSON JL 26, B-9-1W
- LANS-STATE TO ASK DELAY OF 50 PERCENT HIKE.  
JL 31, B-5-1
- DONALD W. BONNELL, LEADER OF MACOMB COUNTY GROUP, DOES NOT  
WANT TO PAY BILLS BUT BUY STOCK IN COMPANY. WOWK  
AG 6, A-1-1
- LANS-CONSUMERS POWER ALGERIAN GAS PURCHASE 'BAD DEAL'-BROD<sup>1</sup>  
ER AG7, A-16-1
- FIGHT AGAINST RSC CONSUMERS POWER RATEHIKE-EDIT  
S 9, A-16-4 AM
- LANS-7000 JOIN WAR ON UTILITY S 13, B-3-3
- LANS-GAS HIKE BATTLE RULED OUT BY CRIM S 17, C020-1
- LANS-ACORN FAILS IN BID TO BLOCK GAS HIKE

DC-TO COST 30% MORE THIS YR -1981- S 29, A-6-6  
LANE-BILLS GOING UP 20%-32%. BLAMED ON DEREGULATION-KEITH -1982- JA 13, A-3-2

MICHCON JA 21, B-7-1  
LANE-WINS 'SMALL' HIKE F 3, A-3-2  
LISTING OF ENERGY ASSISTANCE PROGRAMS IN MICH-WARREN

F 6, A-1-6  
ENORMOUS HEATING BILLS COMING-TSCHIRHART AP4, B -1-2  
MANY DIAL DOWN, BUT STILL PAY MORE, (CHART OF 4 HOMES)-

MLECZKO MY1, A-5-5 HOME  
LANE-SEEKS TO BAR HEATING FUEL HIKE MY 28, A-15-1

LANE-DEM. EDWYN ANDERSON DISAGREES WITH PUBLIC SERVICE  
COMM. FOR CONSUMER POWERS RATE INCREASE.-BRODER

JE 9, C-1-1  
MICH CON CUSTOMERS MAY BENEFIT FROM PRICE ROLL BACK-MCNAUGHT  
ALGERIAN LIQUID GAS DEAL IS ABOUT TO FALL APART-EDIT.  
DC-PROPOSALS TO SPEED DECONTROL OF NATURAL AG 10, A-4-2  
GAS PRICES WOULD SABOTAGE MICHIGAN'S RECOVERY.

AG16, A-10-1

XXX ALGERIAN GAS BATTLE: PERILS OF PAULING-EDIT

AG16, B-5-1 N

LANS-PSC TO FIGHT ALGERIAN PRICE HIKE

AG 18, B-6-1 D

LANS-SAME

AGS 1, A-3-2

HOUSE MOVES TO HALT AUTOMATIC FUEL HIKE.

O 29, A-1-5

LANS-US GOVT BLOCKED IMMEDIATE RATE INCREASE RESULTING FROM

PURCHASE OF GAS FROM ALGERIA-SHELLENBARGER

N 3, B-7-1AM

SE MICH GAS CO WON RATE HIKE.

N 21, A-1-1

LANS-PLAN SET TO HALT GAS SHUTOFFS, HOPE OF POOR TO GET

D 22, B-5-2

FREE WINTERIZING-ROBINSON

LANS-CONSUMERS POWER CO ORDERED TO REFUND \$57.5 MILLION PLUS

13.25% TO CUSTOMERS

D 30, B-2-1N

LANS-MICH CON GETS PERMISSION TO RAISE RATES \$10 MILLION

-1983- JA 16, A-1-5

LANS-ALL UTILITY COSTS TO ZOOM, U.S SAYS-ROBINSON

JA 15, A-3-5

CONSUMERS POWER SEEKS 20% RATE HIKE-McNAUGHTON

JA 29, A-1-5

JUDGE UPHELD PANHANDLE'S 20-YR CONTRACT TO BUY ALGERIAN GAS.

CONSUMERS POWER CUSTOMERS TO PAY MORE FOR GAS THIS SPRING -

PETERSON&CAIN

F 1, B-5-1

LANS-PSC TO FIGHT REQUESTS BY 2 PIPELINE FIRMS FOR HIGHER  
RATES BASED ON PURCHASE OF ALGERIAN GAS. F 2, A-10-1

SOCKING IT TO GAS CUSTOMERS-EDIT

MP 2, B-6-5DWE

LANS-PSC TELLS GAS FIRMS TO FIND WAYS TO EASE GAS COST

MR 19, -A-1-6

LANS-AGREEMENT WITH MAJOR SUPPLIER OF ALGERIAN NATURAL GAS  
MAY SAVE CONSUMERS CUSTOMERS \$60 A YR.

**GAS : RATES : MICHIGAN**

**1983**

**Mr 23, A-10-1**  
**AP 5, A-3-2**

**TINKERING WITH GAS-EDIT**  
**LANS-CONSUMERS POWER & MICH CON CUSTOMERS TO BE CHGD HIGHER**  
**RATES AS RESULT OF INCREASES PRICES PAID TO FIRMS SUPPLIERS**

**AP21, B-5-1 D**

**LANS-CONSUMERS POWER CUSTOMERS TO GET 11% RATE CUT**  
**MY 19, A-13-1**

**JACKSON-CONSUMERS POWER SEEKS 10.2% RATE HIKE. JE 8, A-14-1**  
**WISCONSIN PUBLIC SERVICE CORP GRANTED NATURAL GAS RATE HIKE**

**WASH-TRUNKLINE GAS CO. TO LOSE LICENSE TO 21MPA-6-2**  
**LERIAN GAS FOR MICH. UNLESS IT CUTS PRICE OF GAS.**  
**AG 10, B-6-1 D**

**LANS-MICH CON GETS RATE HIKE**

**-1983-**

**Ag 15, A-10-1**

**THE END OF ALGERIAN GAS?-EDIT.**

**S 28, A-3-5**

**LANS-CONSUMERS POWER TO GIVE CUSTOMERS REFUNDS**

**N 10, A-3-2**

**LANS-MICH CON TO RAISE RATES \$93.2 MILLION. GAS BILLS MAY  
RISE \$32 FOR RESIDENTIAL CUSTOMERS.**

**N 23, B-4-1D**

**LANS-EXPERIMENTAL RATE SYSTEM UNDER WHICH INDUSTRIAL CUSTOMERS  
PAID MORE SO COSTS FOR RESIDENTIAL USERS COULD BE HELD  
DOWN, UPHOLD BY APPEALS CT**

**-1984-**

**JA 3, A-3-2**

**CONSUMERS POWER TO REFUND \$23MILLION**

**JA 12, D-6-2**

**MICH CON CUSTOMERS BEING CHGD LESS FOR GAS THIS WINTER BUT  
BILLS ARE HIGHER DUE TO COLDER WEATHER. NEW WHOLESALE RATE  
AGREED UPON BY ANR PIPELINE, MICH CON & 50 OTHERS-SMITH**

**JA 19, A-3-3**

**RECORD COLD BLAMED FOR MONSTER HEATING BILLS-BULGIER&  
TSCHIRHART**

# GAS : RATES : MICHIGAN

1984

0 1, A-3-3

**PRICES STABILIZE** -1985-  
MichCon rate hike rejected-Benkelman

Je 27, A-3-6

S 23, B-6-1

Proposed changes may cut gas rates

0 2, A-12-5

Pipeline will cut natural gas price by 8 percent.-W.  
Smith

0 31, C-10-6

Jackson-Consumers Power to add \$30 million in surchgs to  
gas customers bills

-1986-

Ja 15, B\_5-5

Lans-Consumers seeks early rate hike-Sedgwick

F 5, A-10-2

Consumers Power, MichCon & Mich Gas Utilities accused of  
overcharging home owners

-1986-

F 6, F-9-2

Consumers Power gas customers to get \$30 million in refunds  
-Kerwin

Je 10, A-4-1

Lans-Gas bills for Det area household to drop \$29 this yr  
in wake of MichCon's agreement to cut excess earnings-Sedg  
wick

S 2, D-1-1

Lans-state wants better price on gas from lcoal wells-Sedgv

-1987-

F 6, B 3-6

Jay Binienda9 climbs tree, early Spring fever (warmth  
caused gas customers to save \$40million last mo)

Ap 29 C-1-4

MichCon customers to get refunds, lower bills.-Sedgwick

-1988-

F 22 A-8-1

Level the gas bills.--Edit

GAS : RATES : MISSOURI

1938

Form 1656

AP 14, 7-1

ST. LOUIS-ARKANSAS-LOUISIANA GAS CO. PLEA FOR INCREASES IN RATES DENIED

GAS : ~~NATURAL~~ RATES : OKLAHOMA

1950

SUP CRT UPHOLDS OKLA. IN FIXING GAS RATE

D 12, 44-5

-----1955-----

AP 11, 39-5 5\*

U.S.SUP.CT. RULES DENIES OKLA. RIGHT TO FIX MINIMUM PRICES ON NATURAL GAS SOLD AT A PANOMA, CORP. GAS PLANT IN TEXAS COUNTY, OKLA.

GAS: ~~NOT RECD~~ RATE: REFUNDS

1956

MY 2, 38-8

FPC EXAMINER OPENS HEARINGS IN D.C. TO SEEK FORMULA FOR COMPUTING INTEREST ON ABOVE MADE BY PANHANDLE EASTERN PIPE LINE CO. OF KANSAS CITY

GAS:

RATE:

TEXAS

1938

Form 1656

F 14,1-1-BLST

SUPREME CT. UPHOLDS GAS RATE REDUCTION OF UNITED GAS PUBLIC SERVICE

CO. OF LAREDO, TEX.

F 15,27-4

JUSTICE HUGO L. BLACK DIFFERS FR OTHER JUSTICES IN RATE CASE OF UNITED

GAS PUBLIC SERVICE CO., -HAYDEN

## GAS - RATES

1927

J1 20, 1-3

Irate Wichita, Kan. householders stage gasless Tuesday in protest against rate increase; to continue campaign until company withdraws proposal

GAS:

~~NATURAL~~

RATES

1939

Form 1656

MY 17, 1-2

HIGH RATES IN DET. REVEALED, ARE DOUBLE CLEVELAND RATE

---1941---

MY 26, 10-5

DET CITY ATTYS TO FURNISH FED POWER COMMSN INFORMATION FOR INVESTIGATION OF IN DET AREA

---1942---

MY 27, 40-3

FPC TO RENEW INQUIRY INTO GAS PIPELINE RATES

S 28, 17-5

GEO. DONDERO SAYS RATES SHOULD BE INVESTIGATED

---1944---

JA 24, 2-2

U.S. HALTS PROSECUTION OF NEW GAS RATE CASES

N 14, 3-1

SUP CT TO REVIEW PANHANDLE RATE CASE ---1945---

AG 20, 2-2 FINAL

MEETING SET ON REDUCTIONS BY PANHANDLE EAST PIPE LINE CO

S 21, 15-3

WM J MCBREARTY ANNOUNCES OBJECTIONS TO REVISED RATES

S 25, 15-1

PANHANDLE EAST PIPELINE CO TO REDUCE RATES \$5 MILLION ANNUALLY

---1948---

JL 9, 34-3

RATE HEARING SET FOR SEPT 20

S 20, 1-5 BBX

23 NAT GAS COSP CHALLENGE AUTHORITY FPC TO PROVIDE UNIFORM RATES

---1949---

JE 19, 1-10-5

BILL TO PROHIBIT FED CONTROLS OVER INDEPENDENT PRODUCERS GAS EMERGES

FR SEN SUBCOMMITTEE

JE 21, 33-6

SUP CRT DIVIDED ON AUTHORITY FED POWER COMMSN TO HOLD DOWN RATES

---1950---

F 1, 5-1

FPC REJECTS PROPOSAL MICH-WIS PIPELINE CO ON RATES

---1951---

AP 27, 7-4

FPC DELAYS BOOST IN GAS RATE; CALLS HEARING ON \$3 MILLION HIKE

JL 11, 20-3

FPC TO RULE SOON ON WHETHER IT HAS RIGHT TO REGULATE RATES CHGD BY PHILLIPS PETROLEUM CO

JL 22, 1-5-3

JAMES H LEE PREDICTS HIKE IN NAT. GAS RATES-PATTON

---1952---

F 13, 5-3

PANHANDLE EASTERN PIPE LINE CO. TO BOOST PRICE F 20 AP 4, 22-4

SOUTHEASTERN MICH. GAS CO. FILES REQUEST WITH STATE PUBLIC SERVICE COMM FOR INCREASE IN RATES TO OFFSET HIGHER OPERATING COSTS AP 10, 2-6 NITE

FED. POWER COMM. DELAYS UNTIL JUNE 23RD HEARINGS ON INCREASES OF PAN HANDLE ON NATURAL WHOLESALE GAS

JE 26, 18-5

HEARING ON RATE INCREASE TPOSTPONED 'TIL JL 15

JL 12, 13-6

U.S. SUSPENDS GAS RATE HIKE; DET. ISSUE SET FOR HEARING SEPT. 16TH

S 11, 4-3

SUPPLY OF GAS TO BE DOUBLED IF RRATES RISE

S 14, 1-14-1

FPC REPORTS THAT NATURAL GAS COMPANIES SOUGHT RATE INCREASES TOTALING \$159,512,00 DURING THE YEAR ENDED-JUNE 30TH

AP 27, 1-45-2

GOV'T URGED TO FREE PRICE CONTROLS ON CRUDE OIL & NATURAL GAS FROM

O 28, 33-5 BS 2

INDEPENDENT PETROLEUM ASSN OF AMER, SPOKESMEN

GOV'T TURNS DOWN PLEA BY INDEPENDENT PETROLEUM PRODUCERS TO REMOVE PRICE CONTROLS ON CRUDE OIL & NATU. AL GAS

Form 1656

SUP CT DENIES POTENTIAL UPHOLDS BOOK VALUE IN W VIRG CASE

A 3, 20-2 1H

---1932---

JL 22, 14-1

A DECISION BY KANSAS PUBLIC SERVICE COMM. FOR MICH. TO STUDY -EDIT

---1935---

JA 9, 25-7SG

CONSOLIDATED GAS CO AGREES TO RATE CUT PLAN IN NY

JA 27, 1-9-1

MAYORS TO MEET IN COLUMBUS, OHIO TO ORG ALLIANCE OF MIDWESTERN CITIES  
TO OBTAIN LOWER GAS RATES- LUTZ

HMA 28, 26-3 SF

CONF OF MID-WEST CITIES OPENS IN COLUMBUS OHIO-SUTZ

JA 29, 1-6

COLUMBUS MEETING FORMS CITIES ALLIANCE ASSN. TO FIGHT FOR GAS RATE CUT  
-LUTZ

JA 30, 20-3

RAY J NELLY, DET AT COLUMBUS MEETING ALLEGES CITY GAS PRICE DEAL-LUTZ

N 28, 2-1

---1936---

COMM APPOINTED BY MAYORS CONFERENCE TO FIGHT FOR LOWER GAS RATES JOHN  
W SMITH OF DET. APPT CHAIRMAN-MOODY

---1942---

F 6, 22-7

GAS RATES VARY AS MUCH AS 88% AMONG CITIES OF THE US

---1944---

JA 3, 1-3BS

SUP CT UPHOLDS CUT IN RATES BY HOPENATURAL GAS CO.

---1951---

AP 11, 11-1

US EXTENDS GAS CONTROLS AT WHOLESALE  
PRICE WAR ALONG EASTERN SEABOARD FLARES TODAY

MY 24, 4-1 BS2

---" ) ---1955---

F 28, 16-6  
COUNCIL OF DET.  
MR 1, 22-1

BLASTS PLANS TO LIFT GAS CURBS IS JAS LEE ASS'T. CORP.

LOADING THE TRUE- ISSUE -EDIT

MR 1, 14-5

REP WM BAIRD INTRO RESOLUTION TO ASK CONG. NOT TO WEAKEN FPC CONTROL  
TO FIX NATURAL GAS RATES

MR 1, 17-2

SEN DOUGLAS CONDEMS IN SENATE WHAT HE CALLS THE PUBLIC BE DAMED AT-  
TITUDE OF NATURAL GAS INDUSTRY

MY 3, 52-1

ACTION OF EXEMPTIONS FOR ABOVE ARE LEFT TO DEMS.

---1962---

JA 22, A-20-1 FIN 5

U.S.SUP.CT.REFUSED TO ACCEPT CASE DEALING WITH PRACTICE KNOWN AS "RATE  
PYRAMIDING" WHICH HAS CONCERED FEDERAL POWER COMSN., GAS GOMPANIES &  
CONSUMERS; U.S.SUP.CT.AGREED TO RULE ON WHETHER FPC MAY ORDER NATURAL GA  
PIPELINE COMP. TENNESSEE GAS TRANSMISSION CO. TO REDUCE PRICES BEFORE  
COMSN.COMPLETES IT STUDY OFF ALL PHASES OF A RATE PROCEEDING

MR 17, 17-3

MICH.-WISC. PIPE LINE CO. GIVEN OK FOR RATE INCREASE BY PSC

MY 22, 32-1 \*FINAL

U.S. CIRCUIT CT. OF APPEALS IN WASH. RULES FPC HAS AUTHORITY TO REGULATE WHOLESALE PRICES CHG. BY ABOVE PRODUCERS IN INTERSTATE COMMERCE

MY 24, 1-8-1 2\*

U.S. CIR. CT. OF APPEALS RULES THAT FPC CAN MAKE DECISIONS ON GAS RATES

D 1, 43-6

U.S. SUP. CT. TURNS DOWN PLEA OF PHILLIPS PETROLEUM CO. FOR GAS HIKE

D 2, 14-2

PHILLIPS PETROLEUM PLANS PLEA FOR REHEARING BY U.S. SUP. CT. ON FPC'S RIGHT TO FIX RATES FOR ABOVE

---1954--

JA 19, 12-5

U.S. SUP. CT. TO REVIEW LAW OF FPC ON BEING ABLE TO CONTROL SALES OF ABOVE

MR 24, 22-1-5\*

SEN FERGUSON INTROD LEFS TO CURB INCREASING NATURAL GAS PRICES

MR 25, 26-7

FERGUSON SEEKS TO BAR GAS RATE RISE

MR 31, 10-1

PANHANDLE E PIPE LINE URGES FPC CIBISION

AP 7, 18-1

U.S. SUP. CT. STUDY OF FCP &amp; ABOVE RULE

AP 12, 12-3

REP. OAKMAN FIGHTS BOOST IN ABOVE RATE BY PANHANDLE EASTERN PIPE LINE

~~1954~~

AP 15, 20-1

MICH. LAWMAKERS ASK FPC TO DELAY ACTION IN GAS RATE CASE-BALL

AP 16, 1-1

NATURAL GAS RATE BOOST FOR MICH. CONSUMERS MEET STRONG CRITICISM TODAY FROM CONGRESS & FROM MICH. CONSOLIDATED GAS CO.

MY 5, 39-6

BILL TO REVERSE THE FPC NEW NATURAL GAS RATE FIXING FORMULA IS POSTPONED FOR A MONTH

JE 7, 1-3 BB

FPC GIVEN OK BY U.S. SUP. CT. TO REGULATE PRICE OF GAS PRODUCERS AS WELL AS THOSE OF THE INTERSTATE PIPELINES WHICH THEY SUPPLY

JE 27, 4-19-6

SEN FERGUSON POSTPONES HEARING ON GAS RATES

JL 1, 2-4

PANHANDLE PIPE LINE FILES APPLICATION WITH FPC TO RAISE PRICES

JL 17, 13-7

FPC SIGNS ORDER FREEZING ALL NATURAL GAS PRICES AT JE 7 LEVEL

JL 30, 1-7

FPC BLOCKS GAS RATE INCREASE

S 8, 1-3

FPC SETS A HEARING FOR S 2 TH ON AN ESTIMATED \$32,000,000 IN REFUNDS WHICH PANHANDLE EASTERN PIPE LINE CO. MUST MAKE TO WHOLESALE CUSTOMERS

25, 19-3

FPC GRANTS RATE INCREASE OF \$2,830,000

O 14, 59-3 5\*

CONSUMERS FACE SHORTAGE OF GAS SAYS FRANK M. PORTER, PRES. AMER. PETROLEUM

INST. DUE TO U.S. SUP. CT. DECISION TO STICK BY FPC REGULATING PRICES

O 15, 2-4

US SUP CT STICKS BY DECISION TO LET FPC REGULATE PRICES

SUPREME CT TO OPHOLD OKLAHOMA AUTHORITY TO FIX MINIMUM PRICES N 8, 10-6 LF  
 FPC RULES ON PANHANDLE EASTERN PIPE LINE CO. GAS REBATE N 17, 67-2  
 MICHIGAN CONSOLIDATED GAS CO SEEKS TO RASE GAS RATES N 24, 3-4  
 FPC REJECTS PANHANDLE EASTERN PIPELINE CO. BID FOR A \$12,127,000 ANNUAL INCREASE IN WHOLESALAE NATURAL GAS RATES D 14, 15-4  
 JAMES H LEE URTES EFP SET BIG WELL GAS RATES JA 13, 11-1  
 PRESIDENTIAL COMM HITS FED REGULATION OF NATURAL GAS F 27, 8-5-1  
 EISENHOWER ASSURES GAS CONSUMERS OF PRICE CONTROL MR 6, 1-23-1  
 PRES EISENHOWER PROMISES STUDY ON GAS SUPPLY MR 19, 19-3  
 FPC ASKS THAT CONG. TAKE AWAY ITS POWER T O SET THE PRICE FOR NATURAL MR 22, 42-4-5\*  
 GAS SOLD BY PRODUCERS TO INTERSTATE PIPELINES MR 23, 64-7-1  
 ERNEST O THOMPSON SAYS FED REGULATION OF ABOVE WOULD MEAN HIGHER PRICES MR 24, 38-1  
 NATURAL GAS BOYS NEVER SKY DIE-EDIT MR 24, 8-1  
 SEN MCMAMARA RIPS IKE ON DRIVE TO END GAS PRICE REGULATION-BALL

-----1955-----

Ap 12, 9-1

U.S. SUP. CT. RULES THAT STATES CANNOT FIX MINIMUM PRICES TO BE PAID FOR  
NATURAL GAS  
STATE IS GRANTED RIGHT TO FIX GAS RATES

Ap 15, 6-3

Ap 18, 14-3

MAYORS OF NEW YORK & PHILA. & PITTSBURGH TO SEEK AID OF MAYORS OF EVERY  
CITY OF MORE THAN 100,000 POPULATION IN THEIR FIGHT TO KEEP NATURAL  
GAS PRODUCERS UNDER FED. REGULATIONS

Ap 19, 20-8 BB

SAMUEL B. PETTENGILL, MEMBER PURE OIL CO. WARNS THAT GAS PRICE CURBS WILL  
DRIVE INDUSTRY TO THE SOUTH

Ap 20, 50-1

DETROIT LOSES WHEN PFC GRANTS PANHANDLE EASTERN OK TO RAISE ITS RATES  
TO CUSTOMERS IN MICH. PENDING HEARINGS ON NECESSITY FOR THE HIKE

Ap 26, 17-1

JAS. H. LEE, DET. ASS'T CORP. COUNSEL, PUTS ABOVE BILL TOLL AT \$800 MILLION  
A YR IF FED. REGULATION OF PRICE IS REMOVED-BALL

Ap 27, 30-1

JAS. H. LEE'S FIGHT WITH HOUSE COMMERCE COMM. IN GAS RATE HIKE-BALL

My 2, 6-1

SEN. MCNAMARA DECLARES TODAY THAT ENDING FED. REGULATION OF PRICE OF NAT-  
URAL GAS AT ITS SOURCE WOULD OPEN BONANZA FOR HALF DOZEN MAJOR OIL & GAS  
FIRMS

My 4, 25-4

FIGHT TO KEEP GOV'T REGULATION OF ABOVE IS GOING TO BE NIP & TUCK IN  
THE HOUSE COMMERCE COMMITTEE SAYS REP. HAYWORTH-BALL  
HOUSE COMMERCE COMMITTEE MAJORITY HAS AGREED THAT THERE SHOULD BE  
FEDERAL CONTROL OVER ONE ELEMENT OF NATURAL GAS PRODUCER PRICES

My 12, 26-1

MY 18, 19-5

OFFICIALS OF 5 CITIES HAVE PROTESTED AGST PLAN TO EXEMPT NATURAL GAS PRODUCERS FR. FEDERAL REGULATIONS

MY 19, 29; 1

JAME H LEE ACCUSED OF UNWITTING VICTIM OF FABIAN SOCIALIST TACTICS IN ABOVE FIGHT-BALL

MY 21, 1-4

SEN McNAMARA ASSAULTS THOSE WHO STARTED SMEAR ATTACK AGAINST JAMES H LEE ON ABOVE ISSUE

JE 8, 12-3

CUSTOMER OF MICH. CONSOLIDATED GAS CO. TO SPLIT A REFUND ESTIMATED AT \$3 MILLION IF FPC UPHOLDS RULING BY ONE OF ITS EXAMINERS

JE 8, 1-18B

HOUSE VOTES TO EXEMPT NATURAL GAS PRODUCERS

JE 9, 18-4

LEGISLATION TO FREE NATURAL GAS PRODUCERS FR FED PRICE CONTROLS

JE 30, 46-1

SENATE COMMERCE CMM. OK'S BILL TO EXEMPT NATURAL GAS PRODUCERS FR. PRICE REGULATION BY FPC

JL 22, 40-7

HOT CONGRESSIONAL BATTLE OVER FED REGULATION OF ABOVE-J HAYDEN

JL 28, 31-6 5

HOUSE TO VOTE TO EXEMPT GAS CO. FR CONTROLS BY FED. GOVERNMENT

JL 29, 1-4

HOUSES PASS VOTE. TO FREE GAS PRODUCERS FR FED. CONTROLS

/---1955---

AG 18, 1-8

CUSTOMERS OF MICH. CONSOLIDATED GAS CO GET RATE INCREASE OF 25CENTS  
UDOW

\$ 8, 9-1

N 25, 40-6

PANHANDLE FIGHTS FOR CUT IN ITS REFUND TO CUSTOMERS

AS FIRMS TO FIGHT FOR US CONTROL ----- -1956-----

DET. PAPERS ON STRIKE FR. DEC. 1, 1955 T R JA 15, 1956 JA 16, 3-4

SENATE GETS HOUSE PASSED BILL TO EXEMPT NATURAL GAS PRODUCERS FR. DIRECT  
FEDERAL REGULATIONS ----- 1956----- JA 17, 38-7

COMMENT ON SENATE OPPONENTS OPENING THEIR FIGHT AGST AMENDMENT OF  
NATURAL GAS ACT IN D.C.-M. HAYDEN JA 17, 50-6

FOES OF GAS BILL BLOCK IT'S EARLY PASSAGE IN U.S. SENATE-M. HAYDEN  
JA 19, 29-5

POSSIBLE EFFECTS ON CONSUMER RATES REMAINED BIG ISSUE AS SENATORS DEBATED  
A BILL TO REMOVE PRODUCER PRICES OF NATURAL GAS FR. DIRECT FEDERAL  
CONTROL JA 20, 1-3

SEN. DOUGLAS TAKES SENATE FLOOR TODAY IN FIGHT TO BLOCK BILL THAT WOULD  
END DIRECT FEDERAL PRICE REGULATION OF NATURAL GAS PRODUCERS-M. HAYDEN  
JA 22, 8-5-4

GAS BUSINESS LAST YR WAS BETTER THAN EVER

JA 22, 1-1-1

LOBBIES CLASH OVER ISSUE OF GAS PRICES-M. HAYDEN

JA 23, 2-6 LF

SEN. DOUGLAS SAYS NATURAL GAS PROD. IS DOMINATED BY A FEW LARGE CORP. WHICH  
WOULD REAP MILLIONS OF DOLLARS IN PROFIT BY PASSAGE OF GAS BILL

JA 24, 3-3

SEN. DOUGLAS SAYS PASSAGE F NATURAL GAS BILL WOULD MEAN THAT "THE INTEREST OF WEALTH AND POWER" ARE RUNNING THE GOV'T

JA 25, 3-1

FOES OF GAS BILL PIN HOPES ON HOME OWNERS' PROTESTS

M. HAYDEN

JA 25, 3-25\*

COBO PROTESTS ABOVE GAS BILL

JA 26, 17-2

SEN HUMPHREY CALLS NATUARL GAS BILL BONANZA FOR BIG OIL COS.

JA 27, 7-3 1H

SEN LEHMAN H IS GAS BILL AS WINDFALL FOR GAS PRODUCERS

JA 29, B-9-5

SENATE NEAR VOTE IN GAS BILL

JA 30, 29-6

SEN. MORSE SAYS THERE IS NO PROPSECT OF PRESIDENTIAL VETO IF THE SENATE PASSES THE NATUPAL GAS BILL

JA 31, 14-5

FACT TO LIMIT DEBATE ASSURES SENATE VOTE EARLY NEXT WEEK ON BILL TO E EXEMPT NATURAL GAS PRODUCERS FR. DIRECT FEDERAL RULES

JA 31, 14-4 5\*

AC TO LIMIT DEBATE HAS ASSURED A SENATE VOTE EARLY NEXT WEEK ON A BILL TO EXEMPT NATURAL GAS PRODUCERS FR. DIRECT FED. REGULATIONS

F 1, 6-1

SEN. MORSE POSSES ISSUE OF ETHICS IN SENATORS' GAS BILL VOTES

F 2, 21-3

MAYORS FR NY PHIL & NASHVILLE THAT CAME TO CONGRESS TO PROTEST ABOVE ARE CALLED YOUNG LIBERALS

—1956—

SENATE NEARS END OF DEBATE ON NATURAL GAS BILL

QUIZ TO BE MADE OF GAS INTERESTS THAT OFFERED SEN CASE BRIBE

FBI START QUIZ INTO GAS LOBBY OFFERING BRIBE TO SEN CASE-M HAYDEN

26 MILLION PEOPLE WOULD BE EFFECTED BY ABOVE-EDSON

OTHERS SAY TIPPING THEIR HAND-EDIT

SEN CASE BLOCKS GAS BRIBE QUIZ

NATURAL GAS BILL PASSES ITS FIRST TEST IN SENATE TODAY & FINAL PASSAGE  
APPEARS IMMINENT

HAS CONGRESS BEEN OVER LOBBIED?-EDIT.

INQUIRIES EYE LOBBY TACTICS DURING NATURAL GAS BILL DEBATING IN U.S.  
SENATE-M. HAYDEN

SEN JOHNSON INFLUENTIAL IN GETTING GAS BILL PASSED SENATE-M. HAYDEN

DEMS OPEN FIRE ON 6 MICH REP WHO VOTED FOR GAS BILL

MAYOR GOBO URGES IKE TO VETO US GAS BILL

EISENHOWER STUDIES STATES RIGHTS ON GAS BILL

HINT OUT THAT PRES. IKE MAY VETO CONTROVERSIAL NATURAL GAS BILL

ABOVE STOCKS DIP THEN RECOVER ON STOCK MARKET

PRES EISENHOWER VETOS ABOVE BILL

F 3, 14-11H

F 4, 1-1

F 5, 1-1-8

CASE-M HAYDEN

F 5, 1-1-7

F 6, 22-1

F 6, 1-4

F 6, 1-6 LF

F 7, 16-1

F 7, 1-1

F 8, 1-4

F 8, 2-1

F 8, 2-3L

F 8, 1-1E

F 15, 1-5

F 17, 2-5LF

F 17, 2-4LF

OBSERVERS THINK THAT IKE'S VETO OF ABOVE IS SIGN HE WILL RUN FOR RE-ELECTION-M HAYDEN F 17, 1-8 LF

PRES. IKE VETOS ABOVE, RAPS OIL INDUSTRY FOR TRYING TO PUSH BILL THROUGH CONGRESS F 17, 1-7 LF

EISENHOWER KILLS GAS BILL, FOR 1 IS YR. F 18, 1-7

F 19, B-13-8 1\*

OIL MONEY NO NOVELTY IN C. NG. CAMPAIGNS IN S.D.-CORNELL-F 20, 22-7

IKE VETO GAS BILL TO INDUCE RECALCULATIONS 1956 PRES. OUTLOOK-M. HAYDEN F 25, 1-2

DET GAS USES SLATED FOR ANOTHER GAS REFUND F 27, 4-3 5\*

U.S. SUP. CT. RULES THAT A PUBLIC UTILITY MAY NOT WIPE OUT A CONTRACT WITH A CUSTOMER BY FILING HIGHER RATES WITH FPC AP 8, 1-6-1

4 MAN SELECT GRP BLASTS PRESIDENT & 2 AGENTS OF SUPERIOR OIL CO. OF CALIF. FOR ATTEMPTING TO INFLUENCE THE VOTE OF SENATE ON HARRIS-FULBRIGHT NATURAL GAS BILL-BALL MY 30, 24-2

U OF M. MARKETING EXPERT, PROF. DONALD COWAN, SAYS THERE SHOULD BE COMPETITIVE SALE OF NATURAL GAS JE 6, 3/4

NATURAL GAS RATES CHGD TO AMER. LA. PIPELINE CO. FOR TRANSMISSION TO DET CONSUMERS ARE "AMONG HIGHEST KNOWN," FPC CHGS JE 29, 1-1

GUY NUNN ADMITS MISTAKE IN ACCUSING SENATORS OF ACCEPTING BRIBES IN ABOVE CASE

-----1956-----

JL 3, 6-4

WARRING NATL GAS COMPANIES DISPUTE OVER RATES TO DET CITIZENS

0 8, 3-1 8B

DETROIT WINS FIGHT IN U.S.SUP.CT. AGST GAS RATE HIKE

-----1957-----

JA 10, 26-4

SEPCIAL SEN.COMMITTEE'S QUIZ OF NATURAL GAS BILL VETCED BY PRES. IKE  
FAILS TO FIND NEW EVIDENCE

JA 16, 11-1

MICH.TO FIGHT CURBS ON FED.GAS CONTROL

F 17, 8-11-5

LANSING-NATURAL GAS FIGHT NEARS SHOWDOWN-HOENSHILL

F 21, 44-3

MAYOR CONO NAMED TO COMM. OF MAYORS TO FIGHT ANY LEG. ATTEMPTS THIS  
YEAR TO EXEMPT PRODUCERS OF NATURAL GAS FR.FED.REGULATION

F 21, 50-5 1H

MILWAUKEE-MAYORS FORM COMM.TO FIGHT LEG. WHICH WOULD EXEMPT PRODUCERS  
OF ABOVE FR. ED.REGULATION

MR 21 1-6

MICH.CON.GAS. CO. TO REFUND OF \$1.MILLION UNDER RULING HANDED DOWN  
IN D.C.MR 20TH

AP 11, 9-6

REPS.HARRIS & O'HARA OPEN NEW BIPARTISAN DRIVE TO RELAX FED.CONTROLS  
OVER NATURAL GAS PRODUCERS

MY 1, 34-4

U.S.MAYORS COMM. ON NATURAL GAS LEG. CALLS ON MAYORS THRUOUT NATION  
TO PROTEST LEG. TO RELAX FED.CONTROLS OVER NATURAL GAS PRODUCERS

IKE SUPPORTS BILL TO EASE ABOVE CONTROLS

MY 7, 13-1

UAW PRES. REUTHER SAYS ENACTMENT OF ADM.-SUPPORTED NATURAL GAS BILL  
WOULD COST CONSUMERS ALMOST BILLION DOLLARS A YEAR

JE 1, 7-6

JE 28, 4-7

MICH. LEG. URGES CONG. TO REJECT PLAN THAT FED. CONTROL OF WHOLESALE NAT-  
URAL GAS PRICES BE ENDED

JL 9, 15-4 5\*

HOUSE COMMERCE COMM. OK'S CONTROVERSIAL NATURAL GAS BILL

JL 10, 16-1

HOUSE COMMERCE COMM. OKS BILL TO EASE FED. PRICE CONTROLS OVER NATURAL  
GAS

JL 15, 27-1

REP MACDONALD SEES \$1 BILLION HIKE AS COST UNCONTROLLED GAS

AG 12, 27-1 5\*

NATURAL GAS BILL SHELVED IN HOUSE

AG 26, 33-3 DB

NATURAL GAS BILL FUTURE UNCERTAIN

---1958---

JA 30, 16-2

SPEAKER RAYBURN SAYS DISPUTED BILL TO RELAX FEDERAL PRICE CONTROLS ON  
ABOVE WOULD BE BROUGHT UP IN HOUSE

F 1, 19-1

MAYOR MIRIAM URGES ALL HOUSEHOLDS IN DET. TO WRITE THEIR CONGRESSMEN  
TO VOTE AGST HARRIS-O'HARA BILL

F 4, 32-2

R P L H MCCOLLOUGH BILL ASKS CONG TO CONTINUE FED. REGULATION GAS  
SALES INTERSTATE

F 4, 7-2

SUP CRT TO AIR GAS RATE DISPUTE-

---1958---

F 7, 14-6

RON'T REESE, ASS'T CORP. COUNSEL FOR DET, SEES \$180 MILLION GAS BOOST IF  
U.S. LIFTS CURB-RUDOW

F 11, 6-1 5\*

GOP NAT'L COMM. REFUSES FUNDS FROM TEXAS DINNER DUE TO REP. MARTIN'S  
LEADERSHIP OF GOP EFFORT TO PASS ABOVE BILL THIS YEAR

F 12, 46-8

FUROR OVER ABOVE STIRRED BY TEXAS DINNER FOR REP. MARTIN F 12, 28-1  
GAS BILL CALLED KEY TO END OF STATE SHORTAGE F 12, 34-7

TEXAS MONEY & BILL TO EXEMPT NATURAL GAS PRODUCERS FROM CONTROL BY  
FPC-J. HAYDEN F 17, 12-3

SEN. POTTER COMMENTS ON BILL DOOMING ABOVE DUE TO TEXAS FUND DINNER  
F 21, 8-4 OH

H. J. PORTER, GOP NAT'L COMMITTEEMAN FROM TEXAS, CONFIDES TO PARTY LEADERS  
THAT HE WROTE ONLY 28 LETTERS TORCH TEXAS GOP'S SOLICITING SPECIAL  
"GAS BILL" FUNDS FOR JOE MARTIN DINNER F 11TH

MR 2, 3-5

PANHANDLE EASTERN PIPELINE CO. ASKS 12.5 % INCREASE ON GAS DELIVERED FR.  
KANSAS TO MICH. AG 4, 24-7

NATURAL GAS BILL APPEARS DEAD FOR 1958

D 8, 34-5 5\*

SUP. CT. RULES THAT NATURAL GAS ACT ALLOWS A PIPELINE FIRM TO GET A  
QUICK RATE HIKE D 10, 14-4

WHAT EFFECT U.S. SUP. CT.'S DECISION ON GAS RATE HIKE WILL HAVE ON THE  
ULTIMATE CONSUMER IS UNKNOWN, FPC SAYS

GAS: ~~NATURAL~~ RATES

1959

U.S. SUP. CT. ACCEPTS FOR REVIEW CASE CHALLENGING FPC REGULATION OF NEW GAS RATES FIXED IN FIRST CONTRACTS BETWEEN PRODUCERS & PIPELINES

JA 13, 23-3 1H

FPC GETS NEW PLAN TO END NEED OF \$5.4 MILLION RATE HIKE-TER HORST

JA 23, 1-4 MAIL

AP 6, 31-5 5\*

FPC EXAMINER RULES THAT PHILLIPS PETROLEUM CO. BE ALLOWED TO HIKE RATES \$14 MILLION A YEAR

AG 1, 8-8

TRUNKLINE GAS CO. OF HOUSTON, TEXAS FILES A PROPOSED \$13,279,064 OR 25 PER CENT ANNUAL WHOLESALE NATURAL GAS RATE HIKE WITH POWER COMMSN.

O 27, C-9-3

FPC SUSPENDS PLAN OF 8 PER CENT ANNUAL WHOLESALE NATURAL GAS RATE HIKE SOUGHT BY PANHANDLE EASTERN PIPE LINE CO.

1960----

AP 9, A-8-5

MICH.-WIS. PIPELINE CO. FILES WITH FPC A PLAN TO HIKE ITS WHOLESALE NATURAL GAS RATES 10 PER CENT

MY 7, A-7-2

PROPOSED \$8,500,000 A YEAR HIKE IN WHOLESALE NATURAL GAS RATES BY AN AFFILIATE OF MICH. CON. GAS CO. DELAYED UNTIL 0 7TH

MY 9, A-5-1

REP DINGELL ASKS CURB ON GAS RATE HIKE

JE 8, A-2-4 LF

CITY COUNCIL OK'S CITY INTERVENTION IN GAS RATE HEARING

J 27, D-8-2

OHIO FUEL GAS CO. SEEKS 16.6 PER CENT RATE HIKE FOR UTILITY'S 93, 808 CUSTOMERS IN CITY

FPC BACKLOG OF 3,278, CHANGES PROCEDURE IN HANDLING INDIVIDUAL NATURAL GAS CASES - WISE  
 ---1960--- S 29, B-9-1  
 EP. MOSS & DIN ELL CHGS THAT INDEFINITE PRICING CLAUSES ALLOWED BY NATURAL GAS ACT ARE INDEFENSIBLE, IMMORAL & INFLATIONARY AP 13, C-23-1  
 ---1961--- JA 16, B-4-1  
 PRES. KENNEDY ASKS INCREASE IN FPC TO SPEED GAS LINE PROJECTS AP 28, A-1-4  
 FPC ORDERS PANHANDLE EASTERN PIPE LINE CO. TO REFUND \$16 MILLION TO CUSTOMERS JE 6, D-7-5  
 JEROME KUYKENDALL, CHR. OF FPC, SAYS PROPOSED NEW RULES PROHIBITING PYRAMIDING OF NATURAL GAS RATE HIKEs WOULD BE UNFAIR TO PRODUCERS AG 2, A-10-6  
 WASH. - SENATE APPROVED LEGISLATION TO GIVE FPC CONTROL OVER RATES FOR INDUSTRIAL SALES OF NATURAL GAS D 1, C-11-8  
 U.S. CT. OF APPEALS OK'S NEW SYSTEM OF RATE MAKING PROPOSED BY FPC FOR NATURAL GAS PRODUCERS --1962-- MY 23, B-2-1  
 PRES. KENNEDY SIGNED BILL GIVING FPC AUTHORITY TO REGULATE CHARGES TO INDUSTRIAL USERS S 18, B-9-7  
 FED. POWER COMM. RULED MICH. WISC. PIPE LINE CO. SHOULD BE ALLOWED 6.5% RATE OF RETURN IN 3 PENDING NATURAL GAS RATE INCREASE CASES O 15, B-9-7  
 SUP. CT. REJECTS APPEAL BY SUN OIL CO. QUESTIONING FPC RULE BANNING SOME TYPES OF PRICE INCREASES BY INDEPENDENT NAT. GAS PRODUCERS

GAS: ~~NATURAL~~ RATES

1962

D 2, B-8-1

FPC TURNED DOWN 2 INDUSTRY PROPOSALS TO RAISE RATES D 4, C-16-7

US SUP. CT. RULED THAT FED. POWER COMMISSION MAY ORDER NATURAL GAS PIPE-  
LINE CO. TO REDUCE ITS PRICES WHILE SOME RAISES D 27, C-14-3 FIN5

FPC OK'D 3 NATURAL GAS PRODUCER AFFILIATES OF CITIES SERVICE CO. TO REDU-  
CE 80 EFFECTIVE RATES BY \$1,400,000 ANNUALLY

--1963--

JA 16, B-3-1

FPC ORDERED REFUNDS TOTALING \$380 MILLION TO CONSUMERS OF NATURAL GAS  
DURING THE LAST 18 MONTHS

MY 20, A-2-1

SUP CT UPHELD FEDERAL POWER COMM. PLAN TO USE A NEW AREA PRICE METHOD  
FOR DETERMINING ALLOWABLE PRODUCER PRICES FOR NATURAL GAS IN CASE OF PHO  
LLIPS PETROLEUM CO. OF OKLA

--1964--

JA 12, D-10-6

WASH.-FCC REJECTED REQUESTS BY 25 PRODUCERS OF GAS & INDEPENDENT PETRO-  
EUM ASSOC OF AMERICA TO WITHDRAW QUESTIONNAIRE SEEKING DATA ON GAS PRO-  
DUCTION OPERATIONS

AP 21, B-5-6

SUP CT UPHELD FPC RULE PROHIBITING CERTAIN PRICE-CHANGING PROVISIONS  
IN LONG-TERM SALES CONTRACTS MADE BY NATURAL GAS PRODUCERS

AP 26, D-8-6

WASH.-FPC QUESTIONNAIRE TO GAS PRODUCERS UNDER SENATORIAL CRITICISM-  
FPC SAYS WILL HELP COMM. DETERMINE "JUST & REASONABLE PRICES"

--1965--

MR 8, A-2-1 6\*

U.S. SUP. CT. AGREED TO EXAMINE RIGHT OF FPC TO IMPOSE PRICE CEILINGS ON INITIAL SALES IN INTERSTATE COMMERCE-STEMS FROM SOUTH LA RATE SITUATION

MY 10, A-1-3 6\*

WASH.-FED. POWER COMMSN. APPROVED \$1.9 MILLION IN NATURAL GAS REFUNDS TO BE MADE BY MICH.-WIS. PIPE LINE CO. TO 38 WHOLESALE CUSTOMERS

AG 5, A-1-7

WASH.-FPC SPELLS OUT 2-PRICE SYSTEM OF SETTING UNIFORM RATES FOR GAS PRODUCERS

AG 6, A-14-8

MICH. CONSOLIDATED GAS CO SAYS FED. POWER COMMSN. PRICING SYSTEM FOR NATURAL GAS WILL HAVE NO IMMEDIATE EFFECT HERE

--1966--

AP 11, B-11-5

WASH.-COST OF DOMESTIC NATURAL GAS PURCHASED BY PIPELINE CO. INCREASED IN '65

D 30, A-1-8 5\*

WASH.-FPC EXAMINER JOSEPH ZWERDLING SET CEILING PRICE ON ALMOST ONE THIRD OF NATURAL GAS BURNED IN NATION

D 31, -10-6

MICH. CONSOLIDATED GAS CO. UNCERTAIN EFFECT ON MICH. TO BE BECAUSE OF FPC SETTING CEILING PRICE ON NATURAL GAS

--1967--

O 9, A-16-1 LF

WASH.-SUPREME CT. ACCEPTS CASE INVOLVING FEDERAL POWER COMMISSION AUTHORITY TO SET PRICES FOR NEW GAS SUPPLIES

# GAS: RATES

1969

O 14, C-5-7

NEW ORLEANS- 2 FED. JUDGES HEARING AN INVOLVED NATURAL GAS RATE CASE REVEALED EXTENSIVE HOLDING IN GAS STOCK JUDGES JOHN R. BROWN AND WARREN L. JONES

O 23, A-24-1

GAS, AND ELECTRIC RATES GOING UP FOR CUSTOMERS IN ALL PARTS OF LOWER PENN. EXPECT DET.

-----1970-----

S 3, D-8-6 RACE

SEN PHILIP A HART ASKED FED POWER COMMSNT TO DELAY PROPOSED RATE INCREASE PENDING INVESTIGATION

S 16, B-7-1

FED POWER COMMSN DECLINED SEN PHILIP A HART'S REQUEST TO SUSPEND CONSIDERATION OF PROPOSED MAJOR INCREASE

---1971---

Ag 31, C-9-6

MICHIGAN CONSOLIDATED GAS CO SIGNED AGREEMENT TO HOLD LINE ON GAS PRICES UNTIL JA 1, 1973--SANDNER

N 28, A-5-5 HOME

NEAR RECORD INCREASES IN PRICE OF NATURAL GAS USED TO HEAT HOMES

—1972—

AP 7, D-8-6 IDOT

FEDERAL POWER COMMSN PROPOSED NEW RULES THAT COULD LEAD TO HIGHER GAS PRICES & SPUR EXPLORATION & FOR NEW GAS FIELDS

AP 18, C-8-5 IDOT

US SUPREME COURT ~~XXXXXX~~ DECLINED TO CONSIDER APPEAL BY NATURAL GAS CONSUMERS CHALLENGING GOV SWITCH TO AREA-RATE PRICING FOR GAS PRODUCED BY PIPELINE COMPANIES

AP 30, A-8-4

SEN PHILIP A HART SAYS PROPOSED CHANGE BY FED POWER COMMSN IN PRICING NATURAL GAS COULD COST CONSUMERS AS MUCH AS \$750 BILLION

AG 4, C-5-1

WASH—FPC ANNOUNCED A RULE THAT WILL PERMIT PRODUCERS TO CHARGE HIGHER RATES FOR NEWLY DISCOVERED NATURAL GAS

D27, A-19-4

WASH—NIXON MAY SEEK GAS PRICE HIKE

4/1973-

JA 2, A-16-4 RACE

AMER GAS ASSN HINTS HIGHER PRICES IN STORE FOR NATURAL GAS.

1973

GAS: RATES

JAN 6, A-4-1

TO HIKE NATURAL GAS SUPPLIES: PRICES MUST RISE---EDIT.

F28, A-2-3

ENORMOUS INCREASES IN NATURAL GAS BILLS EXPECTED AS RESULT  
OF KKK FPC HEARINGS

MY1, A-17-5

WASH----MICHIGAN-WISCONSIN PIPELINE CO. FILED WITH FEDERAL  
POWER COMMISSION TO INCREASE BY \$36.7 MILLION A YEAR ITS  
WHOLESALE NATURAL GAS RATES

MY 31, C-4-1

73PCT PRICE HIKE OKD FOR NATURAL GAS SUPPLIER.

JE18, A-6-4

WASH---BID BY CONTINENTAL OIL CO. TO TRIPLE GAS RATE IS  
ASSAILED BY REP. LES ASPIN

S 14, A-1-1

AMER. NATURAL GAS CO. PREDICTS 15% HIKE IN GAS BILLS OVER  
NEXT 3 YRS. BECAUSE OF PRESENT DRILLING FOR NEW NATURAL GAS  
SOURCES IN GULF OF MEXICO-DOUGLAS

O 4, A-17-1

FED. APPEALS CT. ISSUES ORDER BLOCKING FPC REGULATION PER-  
MITTING 6 MOS. OF SALES OF NATURAL GAS AT UNLIMITED PRICES

---1963--- D18, A-12-1

US EXPERTS WARN FOR HIGH GAS RATES. HANSEN

--1974-- F 5, B-3-4

FPC OK'S RECORD PRICE OF 55¢ PER 1000 CU. FT. FOR MICH. CONSOLIDATED & CONSUMERS POWER CO. - HANSEN

F 8, D-2-1

ATTY. GEN. KELLEY FEARS WINNDFALL PROFITS FR. MICH. CONSOLIDATED IF MICH. PSC OK'S ITS SALE OF GAS TO CONSUMERS. -

JE 5, A-13-1

N 20TH ANNIV. OF 1954 SUP. CT. DECISION THAT RESULTED IN FPC REGULATION OF PRICE OF GAS SOLD INTERSTATE - HANSEN

JE 22, A-2-4

FED. POWER COMMISSION ANNOUNCES NEW DECISION WHICH WILL INCREASE RATES.

N 10, C-1-1

PRICES FOR NATURAL GAS MAY RISE AS LOBBYISTS PUSH FOR END TO CONTROLS - MLECZKO

N 13, F-1-1

MICH. CONSOLIDATED GAS CO. CLAIMS FOR EVERY TEMPERATURE DEGREE LOWERED IN HOME YOU SAVE  $3\frac{1}{2}\%$  ON HEATING BILL

D 4, A-2-3

WASH-US, FED. POWER COMMSN. APPROVES BOOST IN PRICE OF NATURAL GAS

D 5, A-3-1

20-CENT BOOST FOR MICH. CONSOLIDATED AS FED. POWER COMMSN. RAISES NATURAL GAS PRICE - HANSEN

GAS: RATES:

1975

JA 15, A-1-2

PRES FORD PROPOSED FED EXCISE TAX ON NATURAL GAS OF  
1040¢ PER CUBIC FEET 1000. HANSEN

MS, C-7-1

CRITICS SAY END OF PRICE CRUBS ON OIL AND GAS WON'T BOO  
BOOST OUTPUT. HANSEN

F 26, A-17-1

WASH-HOUSE BILL ASKED TO RAISE GAS TAX AS HIGH AS 40 OR 50¢  
A GALLON

MR 5, C-7-1

WASH-FED. POWER COMMSN. URGED LIFTING OF NATURAL GAS PRODUCTION  
MY 7, B-1-2 D

WASH-SEN. COMMERCE COMM. VOTED TO ALLOW FED. GOVT. TO CONTROL  
PRICE OF NATURAL GAS PRODUCED BY MAJOR FIRMS & CONSUMED IN  
SAME STATE

JE 5, F-9-1

DE REGULATIONS OF NATURAL GAS WOULD COST US CONSUMER  
MUCH MORE.

S 18, A-7-6

SOUTHERN GOVS ASK OK OF 5YR MORATORIUM ON NATURAL GAS PRICE  
CONTROL

S 25, C-10-3

WASH-WILSON H MACK OF INTRSTATE NATURAL GAS ASSN ASKS DECONTR  
ON PRICES

-1975-

O 22, F-6-1

WASH-SEN. ~~THE~~ ATTACHES DELAY OF SEVERAL YRS TO REMOVAL OF  
FED CONTROLS ON PRICE OF NATURAL GAS

O 23, B-5-1

WASH-PRICE INCREASES BILL STALLED IN HOUSE

D10, E-6-1

DAYTON- TOP GM EXECUTIVE, RICHARD TERRELL URGES DECON-  
TROL OF NATURAL GAS.

D24, A-2-1

COST OF LIFTING NATURAL GAS CONTROLS PUT AT \$20BILLION.

-1976-

JA1, E-10-4

NATURAL GAS PRICE INCREASE OK'D.

JA 3, B-7-1

WASH-SEN. BIRCHBAYH CRITICAL OF GAS RATE INCREASE, SAYS FED.  
POWER COMMSN. DECISION UNWISE, HELPING OIL FIRMS

F2, C-9-1

DEREGULATE GAS PRICE DEBATE STARTS IN HOUSE.-

F6, E-4-6

GAS FIRMS BID TO FREE PRICES FAILS IN HOUSE-LYONS.

AP18, A-10-1

GAS PRICE CONTROLS MUST BE REMOVED SAYS ROSS WILHELM.

1976

~~GAS:RATES~~

~~MY30, A-4-1~~

NATIONX WOULD PAY ABOUT \$17,5BILLION EXTRA FOR GAS BY79!  
IF CONGRESS ADOPTS NEW COMPROMISE PRICING PROPOSAL.

JE15, A18-3 1DOT

SUPREME CT REFUSED TO HEAR CASE ON REVIEW OF POWER COMM.

ORDER SETTING UNIFORM PRICE CEILING FOR SALES OF GAS

AT WELLHEAD.

JL 27, A-1-2

DC-FED POWER CMSN OKS TRIPLED PRICES

JL 29, A-2-1

DC-HIKE DELAYED BY COURT

AG 14, B-2-3

DC-U S PROBE SOUGHT AGAINST GULF OIL & EASTERN TRANSMISSION

CORP

O 16, A-11-5

STLOUIS-ZARB SAYS GAS PRICE BOOST VITAL TO ECONOMY

N 3, A-7-3

DC-FPC TRIMS NATURAL/GAS PRICE BOOST

N9, B-3-3

FEDERAL POWER COMM. REFUSED TO MAKE ELECTRIC AND GAS  
CUSTOMERS PAY CONSTRUCTION COSTS OF NEW POWER PLANTS.

---1976---N10, A22-1

COURT OF APPEALS SAYS NO! TO GAS PRICE BOOST.

-1977- JA 7, A-2-1

DC-PRES FORD CALLS FOR ACTION ON ENERGY, ASKS REMOVAL OF  
PRICE CONTROLS ON NEW NATURAL GAS JA20, C-1-1

FUEL COSTS WILL DOUBLE BY 1985. JA 25, B-3-1 D

DC-NATURAL GAS PRICE LID MAY GO BECAUSE OF SHORTAGES  
F1, B-3-2

SENATE REFUSED TO PUT LID ON PRICES OF EMERGENCY  
PURCHASES OF NATURAL GAS. F 4, A-2-3

DC-REPORT SAYS AVERAGE HEATING BILL UP \$139 THIS YEAR-  
BLANCHARD F 6, A-1-2

DC-IS GAS SHORTAGE REAL?-BLANCHARD F 7, A-6-1

DC-CARTER URGED TO EASE GAS PRICE LIMITS F 7, A-6-3

PITTSBURGH-GAS FIRMS SEE A CATCH IN WINTER'S PROFIT SURGE

**GAS : RATES**

**1977**

**PITTSBURGH-COLD WEATHER PROFITS EMBARRASS FIRMS** F 8, A-4-1 2DOT

**FUEL BILLS MAY RISE BY AT LEAST \$100 A WINTER.** F11, A-4-1  
F11, A-8-1

**PRES CARTER MADE NO DECISION ON SPECIAL AID TO AMERICANS WHO HAVE PAID HIGHER FUEL BILLS.** MR17, D-7-1

**WINTER GAS COSTS EXTRA \$2.5BILLION.** MR31, A-5-4

**PRES CARTER PLAN MAY BOOST GAS AND GASOLINE COSTS.**

**JAMES SCHLESINGER TO RECOMMEND CONTINUED PRICE CONTROLS ON GAS AND OIL.** AP8, B-3-1  
AP25, A-2-3 2DOT

**QUIZ ON NATURAL GAS PRICES BEING STUDIED BY JUSTICE DEPT.** AP27, A-8-5 2DOT

**TRAVERSE CITY-JOHN SELBY PREDICTS LARGE RATE INCREASES IF PRES. CARTER'S ENERGY PROGRAM ~~ENX~~ ENACTED** MY8, K-2-4

**REDUCATION IN GAS RATES FOR CONDOMINIUM AND APT. OWNERS. WOERPEL.**

-----1977-----MY12, A-5-1

GOP SET TO UNVEIL ITS ENERGY PLAN

MY 13, A-8-5

WASH-JIMMY CARTER'S NATURAL GAS PLAN CALL MONEY MAKER FOR PRODUCERS

JE3, A-8-2

PRICING POWER BARRED FOR NEW ENERGY CHIEF.

JE8, D-5-1

PRES CARTER PLANS TO BOOST NATURAL GAS COSTS.

JE11, A-1-6

ENERGY FIGHT IS NOT OVER SAYS PRES CARTER OF CONGRESS  
DEFEATING HIS ENERGY BILLS.

JE30, A-4-1

GAS PRICE CURBS PASS BY HOUSE. JE30, A11-1 1DOT  
HOUSE COMMERCE COMM. OK'S GAS PRICE CONTROLS.

JL 15, A-2-3

WASH-HOUSE COMMERCE COMM. REJECTS ANOTHER BID TO END GOVT. REGULATIONS OF NATURAL GAS PRICES

AG4, A-7-2

CONGRESS REJECTED BILL REMOVING PRICE CONTROLS FROM  
NATURAL GAS.

AG 31, A-8-3

SAN ANTONIO-SOUTHERN GOVERNORS ASK JIMMY CARTER TO END GAS PRICE CURBS

# GAS - RATES

1977

- WASH-SEN. ENERGY COMMITTEE ENDORSE PLAN TO CONTROL NATURAL GAS PRICES BY REJECTING COMPETING PLAN S 13, A-6-3
- WASH-SEN. APPROVES NEW CONSERVATION STANDARDS SET FOR BLDGS., HOME APPLIANCES & CARS S 14, A-1-2
- WASH-SEN. ~~XXXXX~~ TO DECIDE IF FED. PRICE CONTROLS ON NATURAL GAS SHOULD BE LIFTED S 14, A-1-2 1Dot
- DC-GAS PRODUCERS SPLIT ON WAYS TO REDUCE U.S. PRICE CONTROLS S 18, B-5-1
- DC-STUDY SAYS DEREGULATION WOULD UP NATURAL GAS PRICE S 19, A-4-2
- LANS-MICH. CT. OF APPEALS SEEKS INFO FROM CONSUMERS POWER CO. FOR INCREASE IN RATES TO NATURAL GAS OPERATIONS S 23, B-2-3 D
- WASH-SEN. REJECTS PLAN TO DEREGULATE NEW NATURAL GAS S 23, A-10-6
- NORFOLK, VA-PRES. CARTER TO VETO ENERGY BILL NOW IN SEN. FOR DEREGULATION OF NATURAL GAS IF PRICE LID REMOVED S 25, A-1-6
- WASH-SEN. SHIED AWAY FROM NEW TEST VOTE ON RIVAL GAS PRICING PLAN, HOMEOWNERS MAY GET BREAK IN GAS BILL S 25, A-6-1 HOME

--1977---

S 27, A-3-4

WASH-SEN.&PRES.CARTER SWAP BLOWS IN NATURAL GAS PRICE PLANS

S 28, A-1-6

WASH-ROBT.C.BYRD LEADS FIGHT TO BREAK GAS PRICE CONTROLS  
FILIBUSTER INSEN.

S 29, A-1-2

DC-SENATE NEAR ACCORD ON GAS PRICING CONTROVERSY

S 30, A-3-2

DC-SENATE GAS DEBATE THREATENS DEBT BILL

S 30, A-3-2

DC-HOWARD METZENBAUM 5-DAY FILIBUSTER ON BILL EARNS HIM A  
FOOTNOTE IN HISTORY-PETERSON

S 30, B-7-1

DC-ENERGY STORY HAS 2 SIDES-TERHORST

O 1, A-1-1

WASH-SEN.REFUSED TO SET ASIDE PLAN LIFTING FED.CONTROLS OVER  
NATURAL GAS PRICES

O 2, A-4-1

WASH-SENATE GAS PRICE WAR MAY SOON END LOSING GROUND IN THE  
THEIR FILIBUSTER

O 4, A-3-4

DC-FILIBUSTER COLLAPSES, VOTE ON PRICING NEAR

O 5, A-1-5

DC-BIG FIGHT STILL AHEAD ON GAS RATE CONTROLS

O 9, A-8-1

DC-CARTER ALLIES TO TRY TO REVIVE SOME OF HIS BATTERED  
ENERGY PLAN

# GAS - RATES

1977

O 14, B-7-1

WASH-HIGH GAS PROFITS COULD COST INDUSTRY AS BONANZA SNEAKS  
SUGGESTS TIGHTER CONTROLS IN FUTURE-TERHORST

O 18, A-1-4

WASH-PRES. CARTER SAYS HOUSE-SEN. CONF. ON ENERGY PROPOSALS TO  
GIVE PUBLIC CHANCE TO JUDGE BILL

O 23, A-1-5

DENVER-PRES. CARTER DENIED CHANGING STANCE ON GOAL TO DEREGULATE  
NEW NATURAL GAS PRICES

O 27, A-5-1

DC-PRES. CARTER SAID HE VETO ENERGY BILL IF IT RAISES NATURAL  
GAS HIGHER THAN THE \$1.75 PER THOUSAND CUBIC FEET LEVEL

O 27, A-5-1 1 DOT

DC-PRES. CARTER HINTS HE'LL VETO ENERGY BILL IF IT TILTS  
TOWARD OIL FIRMS

N 14, A-7-1 1 DOT

DC-CONSUMER GROUP WARNS OF NATURAL-GAS 'BLACKMAIL'

N 29, A-3-5

DC-GAS INDUSTRY PRICE STAND CALLED PERIL TO ENERGY BILL

D, 4, B-4-1

WASH-CONG. CONFEREES TO TACKLE GAS PRICES, AS PRICE CONTROLS  
BEING PHASED OUT-PETERSON

---1977---

D 6, C-5-1

CONG. ENERGY BILL STYMIED WITH NATURAL GAS PRICING, MAY BE  
ABANDONED FOR THIS YR.

D 10, A-12-1

DC-COMPROMISE MAY BE NEAR ON NATURAL GAS PRICE LIMITS

D 13, B-4-3

DC-HOUSE CONFEREES OFFER ENERGY DEAL

D 14, B-6-1

DC-HOUSE-SENATE PANEL IS STILL HUNG UP ON GAS PRICING BILL

D 15, A-1-4 1DOT

DC-CONFEREES AGREE TO BEEP TRYING

D 21, A-~~5~~ 5-1

DC-ENERGY PANEL SUGGESTS NATURAL GAS COMPETITION

D 22, A-3-1

DC-STALEMATED CONGRESS DELAY ENERGY BILL ACTION

-1978-

JA 27, A-3-5

DC-SENATE PANEL DRAFTS ENERGY COMPROMISE THAT CALLS FOR  
COMPROMISE

F 6, A-3-5

WASH-HENRY JACKSON ASKS BILL TO PERMIT NATURAL GAS PRICE REGULATION BE  
ON TRIAL BASIS

F 9, A-4-2

WASH-HENRY JACKSON SAYS WILL TRY AGAIN ON GAS PRICING BILL

F 27, A-3-5

DC-GOVERNORS ASK CARTER FOR BIGGER ENERGY SAY F 27, A-1-6

DC-SUPREME COURT LETS MULTIBILLION DOLLAR RATE HIKE STAND

MR 3, A-3-2

DC-COMPROMISE IS CLOSER ON NATURAL GAS PRICING

MR 4, A-1-4

WASH-SEN. ~~ENERGY~~ ENERGY NEGOTIATORS REACHED ACCORD ON NATURAL-  
GAS PRICING PROPOSAL TO LIFT CONTROLS FROM FUEL

MR 8, A-3-5

WASH-SEN. ENERGY CONFEREES AGREED TO SUPPORT COMPROMISE PROPO-  
SAL BY PRES. CARTER ON LIFT OF PRICE CONTROLS BY 1985

MR 9, A-3-1

WASH-HOUSE ENERGY NEGOTIATORS OPTIMISTIC ON NATURAL GAS COM-  
PROMISE PRICING

MR 13, A-7-3

DC-CARTER MODIFIES HIS STAND; HOUSE HOPEFUL OF OK ON  
PRICING DEAL

--1978----

MR 17, A-3-6

WASH-HOUSE AGREED TO MODIFY PLAN WITH OWN GAS PRICE PLAN

MR 22, A-6-1

WASH-HOUSE PROPOSED TOUGH CONTROLS ON NATURAL GAS

MR 23, A-3-5

WASH-HOUSE-SEN.ENERGY CONFEREES AGREE TO BACK NATURAL-GAS  
PRICE LID

AP 13, A-1-4

DC-REP JOHN D DINGELL SEEKS TO PREVENT CONSUMER RIP-OFF-  
PETERSON

AP 14, A-2-1 AM

DC-SEN JAMES ABUUREZK THREATENS CANAN VOTE REPOSEL IN  
GAS-PRICE COMPROMISE

AP 16, B-5-1

DC-COMPROMISE NEAR PETERSON

AP 16, B-6-1

DC-PANEL CHAIRMAN CRITICIZED FOR 'SECRET' WHITE HOUSE  
MEETING

AP 20, C-11-1

DC-FILIBUSTER VOWED TO END SNARL OVER NATURAL GAS-PETERSON

AP 21, A-3-2

DC-WHY CARTER LOSES ENERGY 'WAR', DEMOCRATS CHARGE SELLOUT  
AFTER YEAR OF FAILURE-PETERSON

1978

GAS : RATES

- AP 26, A-3-6  
DC-NATURAL-GAS DEAL FACING NEW DANGER-PETERSON
- AP 29, A-1-6  
DC-RATIONING PLAN SET-PETERSON
- MY 5, A-3-5  
DC-GAS PARLEY JUST A LOT OF HOT AIR-PETERSON
- MY 4, A-16-3AM  
DC-GAS COMPROMISE PICKING UP STEAM
- MY 9, A-3-4  
DC-GOP ASSAILS DEM GAS DEAL-PETERSON
- MY 10, A-3-5  
DC-GAS DEAL STILL DELAYS ENERGY BILL
- MY 11, A-10-1 AM  
DC-COMPROMISE NEAR ON PRICE
- MY 20, A-3-4  
WASH-2 HOUSE CONFEREES GIVE PRES. CARTER'S ENERGY BILL NEW  
BOOST TO DOUBLE NATURAL GAS PRICES BY 1985-PETERSON
- MY 24, A-1-6  
WASH-HOUSE CONFERRES VOTED FOR LIFTING OF PRICE CONTROLS RE  
FROM NATURAL GAS
- MY 25, A-3-5  
WASH-PRES. CARTER ENERGY BILL STILL FACING MAJOR SNAGS--  
PETERSON

---1978---

JE 4, A-1-6

DC-BRODHEAD GETS STUDY INDICATING CUSHION FOR GAS PRICE HIKE-PETERSON

JE 5, A-7-4

D.C.-JAS. SCHLESINGER EXPECTS PASSAGE OF CRUDE OIL TAX

JE 12, A-2-3

DC-SUPREME COURT TO HEAR APPEAL ON CARTER-NATURAL GAS  
PRICEING

JE 14, D-10-1

DC-NATURAL GAS PRICING NEARS A FINAL VOTE JE 17, A-3-5

DC-STUDY HINTING THAT DEREGULATION PLAN COULD COST USERS  
MORE THAN EXPECTED IS GENERATING THREAT OF FILIBUSTER.

JL 25, A-4-4-AM

NEW SENATE FILIBUSTER AGST NATURAL GAS DEREGULATION ARRIVES

Ag 2, A-5-1

DC-SENS HOWARD METZENBAUM & JAMES ABOUREZK VOW FIGHT TO  
KEEP GAS-PRICE LID

Ag 7, \$-1-AM

JAS. ABOUREZK DOESN'T LIKE THE COMPROMISE BILL TO DEREGULATE  
NATURAL GAS. WILL LAUNCH ANOTHER FILIBUSTER TO STOP IT.

Ag 18, A-1-4

DC-CARTER GETS NECESSARY AGREEMENTS TO GET NATURAL GAS POR  
TION OF ENERGY PROGRAM UP FOR ACTION

## GAS : RATES

- DC-CARTER & ENERGY LEADERS HAVE OBTAINED AGREEMENTS ON A  
NATURAL GAS COMPROMISE Ag 19, A-3-4
- WASH-PRES.CARTER NATURAL-GAS BILL SUFFERS SETBACK INSENATE-  
PETERSON Ag 25, A-1-6
- WASH-JAMES SCHLESINGER DENIED THAT PRES.CARTER MADE DEAL FOR  
REACTOR IN EXCHANGE FOR NATURAL GAS BILL-PETERSON Ag 26, A-8-1
- WASH-PRES.CARTER CANNOT COUNCIL ENOUGH VOTES INCONG.TO PASS  
HIS NATURAL GAS PRICE DECONTROL BILL Ag 29, A-15-3
- WASH-PRES.CARTER TRIES TO SALVAGE HIS NATURAL GAS PRICE DE-  
CONTROL BILL INSEN.-PETERSON Ag 30, A-1-5
- WASH-PRES.CARTER URGES GOVERNORS TO SUPPORT HIS NATURAL GAS  
PRICE COMPROMISE S 1, A-2-5-AM
- DC-CARTER APPEALED TO GOVERNORS & BUSINESSMEN TO LOBBY FOR  
PASSAGE OF NATURAL GAS COMPROMISE BILL. S 2, A-1-4
- DC-SEN. PAUL HATFIELD OFFERED FED. JUDGESHIP IN RETURN FOR  
HIS VOTE ON NATURAL GAS-PETERSON

-1978-

S 2, A-4-1

DC-CARTER GETS SUPPORT ON BILL FROM FARMERS & FOOD PROCESSORS.

S 3, A-1-6

DC-WHITE HOUSE & HATFIELD DENY THAT HATFIELD WAS OFFERED JUDGESHIP IN RETURN FOR VOTE ON GAS BILL-PETERSON

S 7, A-9-1

WASH-WALTERMONDALE LOBBIES FOR NATURAL GAS REGULATION BILL

S 9, A-3-3

WASH-SENATORS TO HAVE SHOWDOWN ON CONTROVERSIAL FEATURES OF PRES.CARTER'S ENERGY PACKAGE

S 10, A-1-4

WASH-ROBT.GRIFFIN TO VOTE FOR PRES.CARTER'S NATURAL GAS PRICE-DECONTROL BILL, 6 OTHER GOP MAN JOIN HIM-PETERSON

S 10, A-3-1

WASH-ROBT.BYRD SAYS SUPPORTERS OF GAS PRICING BILL NOT IN MAJORITY YET

S 11, A-3-6

WASH-ROBT.C.BYRD SAYS ALASKA PIPELINE TO BE JEOPARDIZED IF NATURAL GAS BILL DEFEATED IN CONG.

S 13, A-1-6

WASH-HOWARD BAKER SAYS NATURAL GAS BILL TO DIE IN FILIBUSTER -PETERSON

S 13, B-4-3

CARL LEVIN SAYS DEREGULATING PRICE OF NATURAL GAS IS BAD,  
OPPOSES IT-WILLING

S 14, A-3-4

WASH-DONALD W. RIEGLE SAYS PRES. CARTER NATURAL GAS BILL TO  
DOUBLE ANNUAL GAS ; BILLS FOR MICH. USERS-PETERSON

S 17, A-13-5

DC-FIGHT TO WIN SEN PASSAGE OF GAS PRICING BILL IS ALMOST  
OVER SAYS ROBERT BYRD.

S 18, B-8-1

DC-SENATE OPPONENTS FACING UPHILL FIGHT TO KILL PRICING  
BILL

S 20, A-3-4

DC-SENATE REJECTS ATTEMPT TO SCUTTLE NATURAL GAS PRICING  
COMPROMISE. VICTORY FOR CARTER

S 19, A-22-1-AM\*

DC-SEN. FLOYD HASKELL WILL VOTE AGST GAS PRICE BILL HE  
SUPPORTED IN COMMITTEE

S 21, C-8-3

DC-CARTER MEN STEPPED THEIR LOBBYING LOOKING TOWARDS A  
CLOSE, TOUGH BATTLE IN THE HOUSE.

S 24, A-16-2

DC-BYRD SAYS GAS BILL WILL PASS

-1978-

S 25, A-3-5 2DOT

DC-BYRD SAYS GAS BILL TO SQUEAK BY IN SENATE

S 26, A-8-1

DC-CARTER COMPROMISE CERTAIN TO PASS-PETERSON

S27, A-3-5 AM

DC-SENATE TO PASS NATURAL GAS BILL, FOES CONCEDE

S 28, A-17-1

DC-CARTER SCORES BIG VICTORY AS GAS BILL CLEARS SENATE-  
PETERSON

S 29, A-2-4

OTTAWA-MORE CANADIAN GAS TO FLOW TO US MIDWEST. CANADIAN  
DOLLAR TO BENEFIT.

N 6, A-4-1 2DOT

DC-CRITIC JAMES FLUG SAYS CARTER REFUSES TO SIFT NATURAL  
GAS CHARGES

N 10, A-1-4

CARTER'S ENERGY PROGRAM WILL COME IN FORM OF HIGHER NATURAL  
GAS PRICES IN NEXT 2 MOS.

N 30, A-3-4

DC-NEW RULES TO BRING BIG GAS HIKE

-1979-

JA 6, A-1-3

DC-U.S SUES 9 BIG OIL FIRMS FOR OVERCHARGES

# **GAS : RATES**

1979

JA 16, B-3-5

**SUP CT RULED FER COMMISSION HAS BROAD DISCRETION IN DECIDING WHETHER GAS PRODUCERS ABLE TO PASS ON HIGHER ROYALTY COSTS.**

MR 30, A-12-1

**DC-MICH JOINS 7 OTHER STATES IN FIGHT AGAINST LOUISIANA TAX ON NATURAL GAS**

S 20, A-5-1

**DC-AGENCY'S REVERSAL OF DECISION COULD LET PRICE INCREASES FROM 10-60% ON ONE-THIRD OF COUNTRY'S NATURAL GAS.**

S 24, A-1-1

**GAS COSTS TO INCREASE FOR HEATING HOME-WARREN**

-1980-

MY 25, A-4-1

**DC-GAS PRICES RISING.**

F 6, A-3-3

**DC-REAGAN BEING URGED TO SEEK DRASTIC SPEED UP IN DECONTROL OF NATURAL GAS PRICES.**

-1981-

MR 7, A-6-1

**DC-QUICK DECONTROL SOUGHT**

MR 11, A-12-3

**DC-FILIBUSTER VOWED OVER GAS DECONTROL**

MR 18, B-4-5

**LANS-REAGAN URGED TO GO SLOWLY ON DEREGULATION**

-1981-

Mr 18, B-3-1AM

LANS-REAGAN URGED TO GO SLOWLY ON DEREGULATION

My 26, A-3-1 4DOT

DC-MICH WINS FIGHT AGAINST LOUISIANA GAS TAX

My 27, A-1-5

NATURAL GAS USERS IN LINE FOR REFUND AFTER LA. RULING

JL8, B-4- W

LANS-ACORN PROTESTS HIKE BY CONSUMERS POWER

JL 16, B-2-1D

LANS-MICH CITIZENS LOBBY STARTS DRIVE TO END AUTOMATIC UTIL  
ITY RATE INCREASES-BRODER

JL 25, A-3-2

ATTYS. FOR MICH, PUBLIC SERVICE COMMISSION WILL ARGUE IN  
DC TO DELAY INCREASES.

JL 27, A-3-5

DC- ADMINISTRATION SOURCES SAY ~~WAXX~~WHITE HOUSE DECIDED NOT  
TO ASK CONGRESS FOR IMMEDIATE DECONTROL.-PETERSON

Ag7, A-15-3

DC-DECONTROL SPEEDUP SOUGHT

LANE-BOLTON FERENCY SUES OVER CONSUMERS POWER RATE HIKE-  
 BRODER Ag 13, R-6-2 D  
 Ag 24, A-1-2 AM

PHILA-RATES TO RISE 260% BY 1985

Ag 31, A-2-1 AM

DC-NATURAL GAS HIKE COULD EAT UP TAX CUT

0 9, A-5-3

DC-REAGAN STALL DEREGULATIONS

0 22, B-18-1D

CONSUMERS POWER CUSTOMERS TO GET \$2.70 CREDIT THIS MONTH.

N 2, A-8-1

3-YR PHASED DECONTROL OF GAS PRICES WOULD ADD \$1.54 BILLION  
 TO FARM PRODUCTION COSTS IN '82.

N 2, A-1-1ST

DC-DECONTROL WOULD TAKE BIGGEST TOLL IN CORN & GRAIN PRODUC  
 ING STATES.

N 4, A-8-5

DC-REAGAN NOT EXPECTED TO ASK FOR FASTER DECONTORL OF GAS  
 RRICES.

D 1, C-14-1

DC-GAS CUSTOMERS, MICH INCL MAY BE BILLED IN ADVANCE FOR  
 \$40 BILLION PIPELINE. PREBILLING ATTACKED-PETERSON

-1981-

D 10, A-13-3

DC-SNAG FORCES NEW VOTE ON ALASKAN PIPELINE

-1982-

JA 14, A-9-1

DC-24 MOS PHASEOUT OF ALL GAS PRICE CONTROLS PROPOSED.

JA 28, A-16-5 2DOT

DC-DECONTROL TO COST MANY JOBS, GROUP SAYS F 3, A-4-4

DC-REAGAN HAS NO PLAN TO SEEK ACCELERATED NATURAL GAS DECONTROL. BUT LATER STATEMENT CONTRADICTED. F 25, A-6-1

CONGRESS TO CLOSELY MONITOR ANY ATTEMPT TO HASTEN DECONTROL

PRICES WARNS REP JOHN DINGELL

AP29, A-12-1

DC-DEREGULATION QUIZ SET

S 20, A-4-1

DC-NATURAL GAS CUSTOMERS IN 26 STATES WILL SEE BILLS RISE BY \$2.3 BILLION OVER NEXT 6 MOS. ALTHOUGH SUPPLIES PLENTIFUL

0.1, A-4-1

DC-PRICES FOR RESIDENTIAL USERS TO CLIMB 19% THIS WINTER.

0.17, A-1-1

DC-DESPITE NATIONWIDE SURPLUS, USERS TO PAY MORE FOR FUEL IN COMING MOS.-PETERSON

O 29, A-1-5

PLANS-US GOVT BLOCKED IMMEDIATE RATE HIKE RESULTING FROM PURCHASE OF GAS FROM ALGERIA-SHELLENBARGER

D 6, A-1-6

DC-MAYORS COALITION PUSHES FOR TOUGH CONTROLS ON NATURAL GAS INCL PRICE FREEZE.

D 7, A-2-1-4DOT

BILL SEEKS TO FORCE PIPELINE FIRMS TO TRANSPORT LEAST EXPENSIVE GAS AVAILABLE

D 11, B-8-3

SOARING ~~RR~~COSTS PUSHED WHOLESAL E PRICES UP 0.6 PERCENT IN NOVEMBER.

D 23, A-6-1

DC-SENATORS ASK PROVE OF GAS FIRMS PROFITS

-1983-

JA 6, A-8-5

DC-REAGAN TO SEEK PRICE DEREGULATION OF ALL NATURAL GAS IN CONGRESSIONAL SESSION

JA 7, A-2-1

DC-CONSUMERS BILLS TO RISE 25% IN 1ST 3 MOS OF YR

JA 7, A-2-1AM

DC-ALREADY-STEEP NATURAL GAS PRICE INCREASES REVISED UPWARD

4985-

JA 14, A-12-4

DC-TO JUM ANOTHER  $2\frac{1}{2}\%$

JA 17, A-4-1 2DOT

DC-INDUSTRY WARNED HIGH PRICING WILL PRICE IT OUT OF THE  
MARKET

F 24, A-1-1

DC-SONCUMERS POWER CO CUSTOMERS TO PAY 20% MORE FOR NATURAL  
GAS NEXT MONTH. PETERSON

F 27, A-1-5

DC-REAGAN WILL ASK FOR GAS DECONTROL

F 28, A-2-5

DC-FIGHT LOOMS ON REMOVAL OF GAS CURBS

MR 1, A-1-2

DC-CONGRESS ASKED TO LIFT GAS LID-

MR 3, A-8-1-4DC

DC-HOUSE MEMBERS UNVEILED PLAN THAT WOULD HOLD FUTURE PRICE  
INCREASES BELOW INFLATION LEVEL.

MR 4, A-2801-

DC-HOUSE MEMBERS INTRO BILL TO ROLL BACK PRICES, TOUGHEN  
CONTROLS ON INDUSTRY. SET FOR BATTLE WITH REAGAN

## GAS : RATES

1983

MR 10, A-8-2

DC-FREE MARKET IS ONLY WAY TO ASSURE ADEQUATE SUPPLIES OF  
GAS AT LOW PRICES.

LEGISLATION TO SLOW SOARING PRICES AND CORRECT DISTORTIONS  
IN MARKET INTRODUCED IN THE SENATE.

AP22, A-10-2

DC-PANEL VOTES SOME DECONTROL OF NATURAL GAS

AP 30, A-1-2

DC-PANHANDLE EASTERN PIPE LINE ASKS PERMISSION TO REDUCE ITS  
PRICES BY 13%

MY 5, A-11-1

IF NATURAL GAS IS TO HOLD ITS OWN IN COMPETITION, DEREGULAT  
ION IS ONLY WAY FOR CONGRESS TO GO.

MY 31, A-12-1

SUPPLY & DEMAND-EDIT

JE 22, B-7-6D

CONSUMERS POWER SEEKS AUTHORIZATION TO REFUND \$16.5 MILLION  
TO CUSTOMERS.

--1983--

JL 26, A-11-4 4DOT

SEN ENERGY COMM OKD END TO PRICE CEILINGS ON NATURAL GAS OVER  
3 YR PERIOD

JL 27, A-6-1

SEN ENERGY COMM SUGGEST END TO PRICE CEILING; OVER 3 YR PERIOD

DC-GAS USERS COULD GET BIG REFUND

AG 10, A-2-6  
AG 11, E-1-2

AG 9 CIRCTOF APPEALS THREW OUT FED RULE ON MEASUREMENT  
ENERGY CONTENT OF NATURAL GAS

S 23, A-10-2 W

LANS-GAS PRICE CONTROLS URGED AGAIN

O 11, B-5-6

ANR TO RAISE PRICES, BILLS

O 24, B-4-2D

TO COST AVE DETROITER \$870 TO HEAT THIS WINTER, AN INCREASE  
OF 26%

O 24, A-9-1AM

DETROITERS TO PAY \$870 TO HEAT HOMES THIS WINTER.

O 26, A-12-2

DC-NEW VERSION OF BILL ON NATURAL GAS PRICE CONTROLS UNVEIL  
ED.

N 1, A-6-1

DC-STUDY SHOWING RISE IN HOME HEATING PRICES WITHDRAWN

**GAS : RATES**

**1983**

**N 21, A-2-2**

**DC-CONSUMERS CAN EXPECT HEATING BILLS TO RISE 15%. CAUGHT  
IN WAR OVER GOVT CONTROL VS. FREE MARKETS.**

**N 30, F-1-2**

**ANR PREDICTS LOWER PRICES NEXT YR-MCNAUGHTON**

**D 15, A-6-1**

**DC-MAY GO UP 10%**

**D 15, F-1-1**

**CONSUMERS POWER RATES MAY GO DOWN \$55 PER YR BECAUSE OF  
SUSPENDED PURCHASES OF ALGERIAN LNG-MCNAUGHTON**

**D 23, A-2-1**

**DC-CONSUMERS CAN EXPECT TO PAY 10% MORE NEXT YR**

**D 29, A-6-1**

**DC-FEDERAL AGENCY APPROVED RATE REDUCTION THAT WILL MEAN  
SAVINGS OF ABOUT \$55 FOR EACH CUSTOMER OF CONSUMERS POWER.**

**-1984-**

**JA 12, A-4-1**

**DC-FED COMMSN TOOK ACTION THAT COULD LOWER PRICE OF NATURAL  
GAS. MAY MEAN \$1 BILLION IN REFUNDS TO CUSTOMERS.**

-1984-

F 20, A-2-1

DC-HEATING BILLS ROSE AVE 27% THIS WINTER. DET'S CLIMBED  
61%. COLDER WEATHER BLAMED.

MR 19, A-2-44Do

DC-COURT UPHOLDS \$1BILLION GAS REFUND

MR 20, A-1-6

DC-COURT SETS STAGE FOR GAS REFUND

AP13, B-8-6

DC-GAS PRICE LIMIT GETS PANEL'S OK

My4, A-4-1

DC-\$1BILLION REFUND FOR NATURAL GAS USERS OKD

JL 13, B-5-5W

DC\_COALITION SAYS GAS PRICES TO INCREASE

O 30, A-2-1

DC-SUPPLIES WILL BE ADEQUATE THIS WINTER, PRICE WILL REMAIN  
STABLE.

N 30, B-1-1

GREAT LAKES GAS TRANSMISSION TO SUE NATURAL GAS PIPELINE  
OF CHICAGO OVER CANADIAN GAS, \$100MILLION  
1985 JA 1, A-1-6

PRICE CEILINGS BEING LIFTED ON HALF NATIONS NATURAL GAS

Mr 6, A-2-1

DC-Natural gas producers ordered to finish making \$1 billion in refunds owed to consumers for last 2½ yrs.

Je 21, B-6-1

PSC tells Consumers Power to refund \$31 million to residential customers

S 25, A-13-3

LANS-Gov. Blanchard & Mich. Con Pres. Alfred Glancy III endorse gas deregulation plans.-Benkelman

O 10, F-1-2

DC-Regulators voted to give natural-gas distributors broader access to pipelines. Mover would save consumers \$5 billion-Peterson

-1986-

Ap 20, A 8-5

DC-Reagan urges decontrol

Ap 28, B-8-1

DC-Reagan seeks decontrol

-1986-

My 4, M-3-1

DC-heating/cooling cost soars

My 26, A-10-1

Decontrol-Edit

My 29, A-18-1

Gas deregulation--sort of-Edit

My 30, B-6-4

Panel votes to lift lid on natural gas prices

Ag 5 B-1-6

LANS.--Consumers Power to cut gas rates.-Sedgewick

-1987-

F 24, A-10-3

Rebuttal by Atty Gen Kelley--Is Consumers seeking corp welfare  
are

O 15, E-1-5

Gas glut to bring lower bills -1988-

F 2 D-1-2

Gas bills expected to hold steady.--Sedgwick

-1993-

F 2 A 2-5

Russia increased the price of natural gas

Chi-Consumers suffering sticker shock as they get higher  
gas bills. F 25, A-2-2  
-1998- O 7 B-1-2

MichCon and Consumers Energy to compete for customers.-

Preddy N 25 B-1-2

SOUTHFIELD-California-based power co offers consumers re-  
bates-Despeignes

GAS: REFRIGERATION COOLANT

1970

AG 29,A-5-5

AIR CONDITIONING & REFRIGERATION ~~WEEK~~ WHOLESALERS ASSOC  
OF DEARBORN NAMED IN ANTI-TRUST SUITS AS HUB OF BUSINESS  
MONOPOLY IN 17-YR OLD BUSINESS--O'SHEA

GAS - RUSSIA

1959

CHEMISTS PROVE BY-PRODUCT GASES FR. OIL-WELLS, PRODUCE VALUABLE GASES  
IF REDUCED TO SUBZEROTEMP.

N 19, B-2-1

GAS: SARIN

1995

Mr 21 A 5-1

Fewer subway rides in Tokyo-Japan aft subway nerve-gas  
attack

GAS: SAUDI ARABIA

1956

AL KHOBAR, SAUDI ARABIA- GAMBLE OF HUNT FOR OIL HERE

Ag 23, 50-6

GAS: SILICON TETRACHLORIDE

1974

AP 27, A-1-1

CHICAGO'S SOUTH SIDE EVACUATED WHEN LIQUID CHEMICAL VAPORIZES AFTER LEAKING FROM STORAGE TANK AP27 AP 28, A-22-3  
CHICAGO WORKERS TRY TO SEAL TANK LEAK AS FUMES DISSIPATE  
OVER LAKE MICH.

GAS- SOUTH CAROLINA

1965

0-13, A-23-2-6\*

LIBERTY-SOUTHERN RAILWAY FREIGHT TRAIN DERAILED & AREA RESIDENTS EVACUATED FOR FEAR BURNING BOXCAR WOULD EXPLODE TANKER FILLED WITH BUTANE GAS

GAS : SOUTH DAKOTA

1951

SIoux FALLS ~~GAS~~ LINE BREAK SHUTS OFF GAS AT SIoux FALLS MAY 31, 4-4 BS 2

1963

GAS: STORAGE: MICHIGAN

MY 19 D-18-5 3\*ST

ALLEGAN-80 OWNERS OF 2,400 ACRES OF LAND ON FRINGES OF CONSUMER POWER  
CO'S OVERISEL GAS STORAGE AREA, ALLEGAN CO. DO NOT WANT \$75 AN ACRE BUT  
WANT PAYMENT BASED ON VALUE OF GAS UNDER THEIR PROPERTY

-1989-

Ja 12 B-1-2

Macomb homeowners fight underground gas storage plan.--  
Pfaff

S 14, 1-2-1

BUR MINES SAID IT MADE USELESS COALBEDS PRODUCE GAS

---1948---

F 14, 9-1

L C KARRICK SHOWS EXTRACTION GAS FROM COAL

-----1952---

N 11, 4-2

GOV'T SCIENTISTS DEVELOP SYNTHETIC GAS FROM BURNING COAL UNDERGROUND

--1972--

F 24, C-9-7

WILBER H MACK SAYS ABOVE TO BE REQUIRED TO HELP MEET NATIONS FUTURE ENERGY NEEDS

---1973--- Ag9, A-27-8

WASH---INTERIOR DEPT. ANNOUNCED SUCCESSFUL OPERATION OF A PILOT PLANT SHOWING COAL CAN BE CONVERTED INTO SYNTHETIC GAS ON LARGE SCALE

S 5, B-12-3

FPC RULES IT HAS NO JURISDICTION TO REGULATE PRODUCTION OR TRANSPORTATION OF SYNTHETIC GAS PRODUCED FROM COAL WHEN UNMIXED WITH NATURAL GAS

---1975--- JL13, A-17-1

POMPANO BEACH FLA TO TRY PLAN OF CONVERTING GARBAGE INTO GAS. WILL COX.

AMERICAN NATURAL GAS CO. BARRED BY CONGRESS FR. \$1.4  
BILLION LOAN FOR COAL GAS PLANT IN NORTH DAKOTA.

-1980-

JL 19, C-2-3

U.S BACKS UP GREAT PLAINS COAL GASIFICATION PROJECT LOAN

-1981-

AP 11, C-1-1

COAL-GAS PRICES SET

-1982-

MR 1, C-12-1D

DEVELOPMENT OF SYNTHETIC FUELS ON BACK BURNER FOR NOW.

-1984-

AP 29, A-22-1

GAS BY GOVERNMENT-EDIT

--1985--

Ag 16, A-18-1

essrs. Levin, Dingell, and Wolpe have been hard at work defending the taxpayers' interest.-Edit.

GAS: TEAR: DETROIT

1937

Form 1656

MR 11,7-1

POLICE GUARD UNIT OFFICIALS AGAINST TEAR GAS ATTACKS AP 8,48-4-WSC  
WAYNE CO. GUN BOARD ORDERS ENQUIRY INTO TEAR GAS SALES IN DETROIT

AP 15, 52-4 C M

DEPT FO HEALTH TO INVESTIGATE CHARGES THAT HOMES NR YALE & TOWNE MFG CO  
RUINED BY TEAR GAS BOMBS

MY 29, 4-1

50 IN BEER GARDEN AT 2685 FOREST AVE E ROUTED BY TEAR GAS

JE 4,4-7

HAROLD RICHTER ARRESTED WITH CARLOAD OF TEAR GAS AT GATES OF GREAT LAKES  
STEEL CORP.

---1938---

F 3,2-1-BLST

GEO. W. GREGG, STANLEY FERGUSON & HAROLD D. RICHTER FACE TRIAL FOR POSSESS  
ION OF TEAR GAS

O 31,13-2

3 PATROLMEN ROUTED FR POLICE CAR WHEN 2 BOMBS EXPLODE N 2,4-4

TEAR GAS BOMB EXPLODES IN COMMUNIST RALLY

N 12, 20-4

WM L HENDRICK TO BE QUESTIONED ON USING OF TEAR GAS ON EDWIN FITZGERALD

---1940---

JA 12,8-4

LEAKING TEAR GAS BOMB FOUND IN POLICE HEADQUARTERS S 12, 1-5

140 WORKERS FLEE ACC. EXP TEAR GAS IN CITY HALL S 12 -0 9, 7-2

TEAR GAS ESCAPES AT COMMONWEALTH BANK BRANCH, FT. ST. & WATERMAN

MR 24, 18-3

TEAR GAS GUNS EXPLODE IN CITY TREASURER'S OFFICE AT CITY HALL

CHARLES WITKOWSKI, MUNICIPAL GARAGE, LEARS ABOUT TEAR GAS	---1946---	F 15, 1-4
ERICO PILERI CHGD RELEASING TEAR GAS IN BAR AT 9300 CONNER	---1947---	JA 22, 1-2
TEAR GAS DEVICE ACC DISLODGED AT SS K RESGE AT WOODWARD & STATE	---1948---	MR 5, 10-5
RESIDENTS IN CANIFF, MOUND ROAD AREA PROTEST TEAR GAS USED BY HAMTRAMCK POLICE	---1950---	O 6, 10-1 BS 2
	---1951---	<del>XAPX28</del>
TEAR GAS JETS IN COMMONWEATH BANK AT W.GD. BLVD. GOE OFF DUE TO FUALTY ELECTRICAL WIRING	-----1958-----	MY 13, 7-1 5*
GUARD AT DOWNTOWN FED. RESERVE BANK OF CHICAGO BRANCH OFFICE IN DET. BY MISTAKE SETS OFF TEAR GAS	-----1959-----	N 27, A-7-1 5*
RESIDENTS AT PARKSIDE HOME PUBLIC HOUSING PROJCT ROUTED BY TEAR GAS BOMB IN HALL	---1968---	N 20, A-20-1

GAS : TEAR : GERMANY

1966

D 4, B-16-1

BERLIN-FRENCH MILITARY COMMANDANT IN W.BERLIN, GEN.FRANCOIS  
BINOCHÉ PROTESTS E.GERMAN SOLDIERS HURLING TEAR GAS BOMBS AT  
FRENCH BORDER PATROL D3

GAS:

TEAR:

GREAT BRITAIN

1940

Form 1656

F 23,4-4

OLIVER STANLEY, WAR SECR., VICTIM OF TEAR GAS BY CANADIAN SOLDIERS WHILE ON INSPECTION TOUR

GAS : TEAR : HOLLAND

1951

JA 31, 4-1

TEAR GAS BOMBS TOSSED IN CONCERT AUDIENCE--

GAS : TEAR : ILLINOIS

1947

ROCKFORD-AUDIENCE WEEPS AS REVOLVER DISCHARGES BLANK CARTRIDGES  
P 4, 2-8  
GAS INSTEAD OF

CHI-JOHN MCNEAL GIVEN REPLY WITH TEAR GAS  
9, 10-7

---1969---

JE 8, A-10-  
3

CHICAGO- WHILE FIRM ON DISORDERS BF DEMOCRATIC NATION CONVENTION IN CHICAGO BEING SHOWN, AT 3RD UNITARIAN CHURCH - TEAR GAS THROWN INTO AUDIENCE.

1967

GAS : TEAR : INDIA

Ag 27, A-12-1

JAMMU, INDIA-GAS USED TO DISPERSE HINDU RIOTERS, PROTESTING  
MARRIAGE OF HINDU GIRL & MOSLEM BOY

GAS: TEAR: KENTUCKY

1957

Ag 28, 33-3

LOUISVILLE-EMPLOYES OF HARDWARE FIRM CRY, NEIGHBORHOOD CRYING; NO SOURCE  
RFOUND

1952

GAS: TEAR: MASSACHUSETTS

JL 19, 1-8 NITE  
BOSTON-SOMEONE IN AUDIANCE LISTENING TO SINGER JOHNNY RAY SETS OFF  
HOME-MADE TEAR GAS JAR; ROUTS 4,000 IN THEATER LISTENING

1937

GAS : TEAR : MICHIGAN

Form 1656

JE 26, 9-8

FLINT-BETTY SIMPSON, 24, UNION ORGANIZER, HURT BY TEAR GAS BOMB

N 30, 17-4

ANN ARBOR-TEAR GAS BOMB INTERRUPTS FRITZ KREISLER'S CONCERT

---1939---

O 4, 31-7 NITE

PONTIAC-JACK HOWLAND BURNED AS TEAR GAS GUN EXPLODES

---1941---

MR 11, 2-6

E. DET.-MRS. M. BOHNOFF STAYS IN BANK DESPITE TEAR GAS

---1950---

JA 24, 13-7

ROBERT GEORGE ACC RELEASES TEAR GAS FUMES-KAZOO-

---1956---

O 24, 25-2

PT HURON-FALSE TEAR GAS ALARM IN BANK DRIVES BANK PATRONS OUT

---1965---

AG 26, D-8-5

E. LANSING-MICH. STATE POLICE WARNED TEAR GAS FOUNTAIN PENS-SOLD AS PROTECTION AGAINST MUGGERS-ARE ILLEGAL IN STATE

---1971---

JA 13, A-7-1

TEAR GAS SHELLS THAT CAN EXPLODE EASILY &amp; CAUSE SERIOUS INJURY FOUND IN PONTIAC LK RECREATION AREA RIELE RANGE

-1979-

AG 8, B-7-1

MAN THROWS TEAR GAS CANNISTER AT CATERING HALL &amp; RESTAURANT IN RIVERVIEW. 13 EVACUATED.

M<sup>1</sup> CH. STATE WORKERS WARNED OF ~~1977~~ TEAR GAS MAIL BOMBS.  
1 ---1978--- MR

NSU STUDENTS FLEE TEAR GAS IN LIBRARY-LOGOFILED <sup>-1980-</sup> D 3, B-1-7  
-1988- Ja 3 B-3-1

40 hospitalized after tear gas canister set off outside  
Movie theater in Briarwood Mall, Ann Arbor.

-1992 N 12 B 5-1  
Portage- 14 yr old teen arrested in release of chemical at a  
crowded shopping mall that sent people to hospitals

GAS - TEAR - VIETNAM .

1966

JE 15, C-1-7

SAIGON-RIOT POLICE USING NEW TYPE DOUBLE-ACTION TEAR GAS GRENADES TO  
DISPERSE DEMONSTRATORS

Je 1, 13-4

Capt. W.I. Cross, H.P. Police Dept., asks for opinion as to whether person can be prosecuted for carrying tear gas pencil; My 31

--1929---

MR 15, 15-1

FR NK CALVERT INTRODUCES BILL PUTTING DEVICES FOR EXUDING ABOVE AND CONCEALED WAR WEAPONS, ACT  
JUSTICE BODINE OF SUPREME COURT TRENTON NJ SAYS ABOVE AS EFFECTIVE A WEAPON IN MANY CASES AS REVOLVER

JL 23, 36-3

--1930--

JA 7, 11-2

TEAR GAS GUNS DEFEND TAXES, KNOBS OVER CASHIER CAGES IN

Form 1656

The Detroit News

TREAS OFFICE READY FOR ACTION

--1930----

JE 19,1-3

WILLIAM LOGAN S TS OFF POCKET TEAR GAS BOMB JE 19 AT DEDICA  
TION OF NEW VINEWOOD STATION & GETS EVERYBODY SOBBING

AG 4,29-8

ALL BOY & LOOSED TEAR GAS IN NY JEWELRY STORE BY ACCIDENT

AG 9,1-3

AS ACCIDENTALLY LOOSED IN COMMONWEALTH COMMER STATE BANK  
BRANCH AT WEBSTER HALL, AG 9

--1931--

O 31,4-1

ETROIT POLICE SHOWN HOW TO USE ABOVE

--1932--

MR 22,2-3

VE EXPLODED IN CLASS OF 40 POLICEWOMEN TRAINEES

MY 4,13-4

ORIAN--RALPH TERBILLE MAY LOSE SIGHT

N 29,9-7

COURT DEBATES WHETHER SMALL TEAR GAS GUN DANGEROUS WEAPON

---1933---

AG 4,2-8

NATHANIEL EDWARDS HELD FOR UNLAWFUL POSSESSION

--1935--

JA 21,16-1

FRANK GACHNE, ~~REXX~~ SAYS SHOT, MERELY HIT BY ABOVE BOMB;  
CAUSES MANY TEARS AT HOSPITAL

GAS: TEAR

1 9 3 5

1656 JA 26,16-8  
WALTER HAGEN & DICK ARLEN ATTACKED BY ABOVEPLAYING GOLF  
DRIFTED FROM MANEUVERS OF 2ND BATTALION, 30TH INFANTRY  
AP 5,23-1  
"M" CRIME INSTITUTE HEARS MAJ SETH WIARD IN GAS USE  
JE 23,4-20-6 1\*  
4 YR OLD BOY EMPTIES HARRY SILVER'S JEWELRY STORE BY  
TURNING ON TEAR GAS S 16,1-7  
EL PASO, TEX, IN TEARS ASR PRANKSTERS RELEASE GAS  
D 19,51-7 BLST  
ARMY BOMB TOSSED INTO CLASSROOM OF MASS INST OF TECH  
200 STUDENTS ROUTE 0--1937--- JA 16,1-6  
TEAR GAS GUN OF LEO CORMIER, PRISONER, ROUTS POLICEMEN OF  
CENTRAL STATION D 5,1-11-3  
CLEVELAND--TEAR GAS TRAP AT BROWN BROS COAL CO GETS POLICE  
BUT NOT THUGS --1938-- JA 14,2-3  
HUNTINGTON, PA--DANIEL LAMAURR, 17, DOES FOR EXCESSIVE AMOUNT  
OF TEAR GAS MR 2,26-6 WSC  
SEN CIVIL LIBERTIES COMM SAYS 207 LEADING CONTRIBUTORS TO  
NATL ASSN OF MFGRS BOUGHT 60% OF TEAR GAS SOLD TO INDUSTRY  
FOR LABOR WARFARE

---1939---

AG 28, 23-3

PEOPLE'S STATE BANK AT BRONSON, MICH ACCIDENTALLY GASSED BY  
EMPLOYEE

S 24, 1-15-6

OKLA CITY--POLICE THROW TEAR GAS; WIND BLOWING WRONG WAY

D

---1940---

JA 1, 2-3

FTWAYNE, IND--URGLARS OPEN WINDOWS AS TEAR GAS EXPLODES; ES-  
CAPE WITH \$400-\$500

---1941---

O 29, 8 4-4

GAS BOMB THROWN INTO GRP OF MICH. STATE COLL. STUDENTS DURING  
CLASS RUSH

---1943---

F 3, 1-8

CHI--TEAR GAS SPREAD THRU CITY TREAS. OFFICE WHEN TEST OF ALARM  
SYSTEM WAS BEING MADE

---1946---

N 11, 1-3

PHILA--JOS. B. WILLIAMS CHGD. ASSAULT WITH TEAR GAS PISTOL

N 15, 8-2

ATLANTA--TEAR GAS BOMBING COLUMBIANS BLAMED TO REDS

---1947---

F 3, 4-6 BS2

EL PASO--BOYS BREAK TEAR GAS CANISTERS; TOWN FILLED WITH GAS

---1952---

JE 5, 1-7

JOHNNY RAY SINGING AT PARAMOUNT THEATER, NY, UPSET WITH PRANKSTER  
UNCORKING TEAR GAS

---1957---

MY 15, 68-2

NEWARK--JUDGE 5 IN COURT WEER WHEN 2 MEN, IN COURT FOR WEAPONS  
CHG. PRODUCE TEAR GAS PENCIL JUDGE ACCIDENTALLY DISCHARGES IT

# GAS - TEAR

1960

MR 9, B-9-7

NEW TEAR GAS MAKES PEOPLE HELPLESS BUT UNINJURED

---1967----

MY 30, A-10-2

WASH-FDA ISSUES WARNING ON PEN TYPE TEAR GAS

AG 17, E-1-4 Z3

REDFORDTWP-POLICE EQUIPPED WITH NONTOXIC TEAR GAS

---1969---

JE 14, B-8-5

POLICE TEAR GAS RULED SAFE BY DR. WM. G. FREDERICK

--1970---

S 2, A-8-1

PASADENA, TEX-OFFICERS TEAR-GASSED WRONG HOUSE, WHILE SEARCH-  
ING FOR 2 MEN WANTED IN SHOOTING OF DEPUTY SHERIFF, MRS. T. J.  
CROMEENS & FAMILY VICTIMS --1975---

F 13, C-6-1

US TO LIMIT PEN GUN SALE

N 3, A-5-1

MOULTRIE, GA-TEAR GAS SET OFF ON DANCE FLOOR; 30 HURT

---1978---

MR 7, B-1-1 ST

BATTLE CREEK-22 STUDENTS AT PENNFIELD HIGH REQUIRED TREATMENT  
AFTER YOUTH, 17, SET OFF CANISTER OF TEAR GAS DURING ASSEMBLY

MR 8, B-1-5 ST

BATTLE CREEK-MICHAEL GRAY & RANDOLPH O. HALDER CHGD WITH SETTING  
OFF TEAR GAS IN PENNFIELD HIGH

-1979-

JA 4, B-4-2

MAIL-ORDER AD FOR TEAR GAS PISTOL PROMPTS CALLS FROM LAW-  
MEN-BOHY

-1980-

Ap15, C-18-2

SAN YSIDRO-TEAR GAS ROUTS 300 MEXICANS TRYING TO GET INTO  
U.S

JL 1, B-2-1ED

CLINTON TWP ATTY, JOSPEH M. BLAKE, 32, CHGD WITH MAILING PAC  
KAGE WITH GAS THAT FELL DET POSTAL WORKERS. JL 2, A-3-2

CORRECTION; ATTNY MICHAEL J BLAKE CHARGED IN MAILED GAS  
JL 23, B-1-3

TEAR GAS DEVICES MAY OFTEN MAY NOT WORK CORRECTLY OR AT ALL  
-DESMET

-1983-

Ag 9, A-14-3

ARMY PROBES USE OF TEAR GAS IN RESERVE TRAINING EXERCISE

-1986-

S 4, A 15-1

NY-Jewish Defense League denies setting off tear gas at  
Soviet dance performance

GAS-TEAR

1989

Ag 22 A 3-2

Atlanta NAACP office gassed-Booby-trapped package erupts;  
8 sent to hospital

0 9, A 3-1

gas set off at Lynn, Mass nightclub, sets off panic, sends  
3 doz to hosp

1972

GAS: TENNESSEE

---

D13, A-22-1

La Follette---14 cars of L&N freight train derailed and small amounts of toxic liquified gas leaked from wreckage

Jl 30, 6-1

200 foot torch of gas causes fire display  
near Houston, Tex. ---1959---

AUSTIN-BREEZE LIFTS DEADLY GAS WHICH ESCAPED FR. RUPTURED PIPELINE

0 8, A-1-5

0 8, C-14-1 LF

DISASTER AVERTED AS DEADLY GAS BLANKET LIFTED FR. AUSTIN

0 9, R-20-2 1H

AUSTIN-TEXAS GAS PERIL ENDED ---1960---

AG 12, A-1-8 LF

LA PORTE-40 STRICKEN WITH GAS ESCAPING FR. S. & W. CHEMICAL CO.

AG 13, A-3-7

LA PORTE-TOWN STILL ON VERGE OF PANIC OVER GAS

WASH—\$45 BILLION U.S. DEAL TO BUY SOVIET GAS IS REPORTED  
 NEAR N3, A-1-3  
 HOUSTON—3 TEXAS FIRMS PLAN BIG GAS DEAL WITH SOVIET UNION  
 N5, A-10-1  
 NY— SEC OF COMMERCE PETER PETERSON ADMITS US DISCUSSING  
 IMPORTING OF NATURAL GAS FR. RUSSIA. D15, B-6-1  
 MOSCOW—SOVIETS SIGN PACT WITH OCCIDENTAL PETROLEUM CORP  
 —1979— F 28, A-10-1  
 OTTAWA—US/CANADIAN ASWAP ON INCREASED NATURAL GAS SHIPMENTS—WARD  
 MR 1, A-16-1  
 OTTAWA—CANADA HAS SURPLUS NATURAL GAS TO SELL, AMER IS  
 PRIME CUSTOMER—WARD MR 4, A-1-2  
 DC—CARTER ASSURES TRUDEAU, WILL BUILD GAS PIPELINE  
 S 2, A-9-1  
 DC—MEXICAN PRESIDENT TO VISIT CARTER IN SEPT. WILL TALK  
 OVER PRICE AMER WILL PAY FOR MEX NATURAL GAS.

-1979-

S 19, B-2-4A

DC-MORE TALKS SET ON DEADLOCKED ISSUE OF NATURAL GAS SALES  
BTWN MEXICO & US.

S 21M, A-3-4 4DOT

WASH-US TO GET MEXICAN NATURAL GAS TO US PIPELINE FIRMS

S 23, C-8-1

WASH-MEXICO-US SETTLE NATURAL GAS AGREEMENT

O 4, A-3-1

DC-CANADA MAY MATCH LEVEL CHGD BY MEXICO TO US-RYAN

-1980-

JA 15, A-14-1

MEXICOCITY-1ST SHIPMENTS OF GAS SHIPPED TO U.S IN PIPES

JA 22, A-3-6-2DOT

OTTAWA-CANADA TO RAISE COST OF NATURAL GAS EXPORTED TO US  
BY 30%

MR 26, A-4-3

DC-CANADA FREEZES GAS PRICES TO U.S

MY 17, B-5-1

OTTAWA-POLICY CHANGES TOWARD U.S-WARD

-1981-

MR 27, A-1-1

ALGIERS-U.S-ALGERIAN DEAL FALLS THRU-RANDAL

JA 24, A-5-1

PARIS-FRANCE BUYS SOVIET NATURAL GAS

MR 18, A-3-2

ALGERIAN GAS BOUGHT BY CONSUMERS POWER COST TOO MUCH-  
WARREN

AG16, A-10-1

BATTLE OVER ALGERIAN DEAL: PERILS OF PAULINE-EDIT

S 26, A-14-2

DC-TRANSPORTER TOLD TO JUSTIFY HOW PLAN TO IMPORT ALGERIAN  
FUEL TO MICH WOULD BE IN PUBLIC INTEREST.~~-1983-~~

AP 12, A-2-1

CALGARY-CANADA TRIMS GAS PRICE BY 11%

GAS: TRICHLORETHYLENE

1957

MY 9, 3-7  
HOBOKEN, N.J. - LEAKING OF ABOVE CAUSES 72 TO FALL FR. FUMES IN GENERAL  
FOODS CORP. COFFEE PROCESSING PLANT HERE MY 8TH

1979

GAS : TRITIUM

S 28, A-3-3

TUCSON-GUARDSMEN TRANSFER GAS FROM AMER ATOMICS COPR PLANT  
TO DEPOT. GAS HAD BEEN LEAKING.

-1989-

S 8 A-3-1

Production of tritium, a radioactive gas used to make  
nuclear warheads, will resume in fall of 1990.

SALES OF GAS TO INCREASE 30% IN 1957

S 22, 61-6 5\*

WASH-----FIRM PLANNED BY U.S. TO DIG FOR GAS-----1972-----D17, A-18-1  
AUG

**GAS - VIRGINIA**

1934

Form 1656

**GAS ATTACKS ON FINCASTLE HOMES CAUSE TERROR**  
**3 MORE HOMES GASSED BY NIGHT RAIDER**

**JA 22,15-1**  
**JA 23,13-3**

GAS : WARFARE : COMMENT

1942

MAJ.T.G.THOMPSON SAYS GAS MORE HUMANE THAN OTHER METHODS OF WARFARE  
Form 1656  
AP 7, 20-6 CITY  
MY 17, 1-28-8 8\*  
-----1953-----  
GEN.BREHON SOMVERVELL WANTS GAS WARFARE

Ja 8 A-3-2

Paris-Shultz asks UN to fight threat of chemical war.

Ja 9 A-3-5

Paris-Soviets say chemical arms will be destroyed.

GAS IN WAR AS IMAGINED BY C. PATRICK THOMPSON-EDIT	Form 1656	S 15,1-6-2
FEAR OF GAS ATTACK ABROAD, NO FEARS IN US-DIT	---1936---	MR 1,1-6-2
AMERICA CANNOT AFFORD TO THREATEN THE WORLD	---1946---	MY 28, 14-1
KOREA IDEAL PLACE FOR GAS-	---1950---	AG 21, 14-1
NONLETHAL GAS WARFARE IN VIETNAM-HORROR ESCALATION RISKED-EDIT.	---1965---	MR 23, B-12-1
GAS BLUNDER GHASTLY-EDIT.	1969	MR 25, C-22-1
WHY WE'RE THANKFUL- EDIT.	-1980-	N27, B-20-1
RUSSIA USED IT IN AFGHANISTAN-EDIT	-1984-	F 11, A-16-1
CHEMICAL WARFARE-EDIT		N 24, A-12-1
ANOTHER EMPTY SOVIET GESTURE-EDIT		JA 15, A-18-1
THE IRAQI ASSAULT REPRESENTS THE FIRST INSTANCE IN WHICH		MR 14, A-10-1
YELLOW RAIN USED IN OPEN WARFARE.-EDIT.		

	-1984-	MR 22, A-10-1
NEWYORKTIMES EDITORIAL ABOUT IRAQ THAT IGNORES YELLOW RAIN-		
EDIT		MR 26, A-8-1
YELLOW RAIN AND SOVIET DOCTRINE-EDIT		Ap9, A-10-1
THE CHEMICAL WARFARE MESS-EDIT		
	-1985-	My 8, A-18-1
An umbrella against Yellow Rain-Edit		
	-1986-	F 13, A-14-1
No inspection, no deal-Edit	-1988-	J1 28 A-18-1
Lesson in Chemical Warfare.--Edit		D 28, A_8-1
His Chemical weapons plant-Edit		
	-1989-	Ja 5 A-18-1
Libya, Gas and Arms Control.--Edit		Ja 10 A-8-1
The Chemical Weapons Ploy.--Edit		

S 27 A-14-1

Mr. Bush's nothing proposal.--Edit

-1990-

N 16 A 10-1

Export Administration Act- A Bill that Deserves to Die

-1997--

Mr 12 A-10-1

Scrap the chemical weapons treaty.-edit Ap 23 A 10-1

CHEMICAL Weapons Convention up for vote in Senate; should  
be opposed, not enforceable-Ed D 17 A-14-1  
Inoculating Against Despots-Edit.

1937

GAS: WARFARE: GREAT BRITAIN

Form 1656

F 7,5-23-3-1 \*

BRITAIN READY FOR GAS WAR, 30,000,000 MASKS MANUFACTURED

Ag 17 A 3-1

West German police arrested 7 people on suspicion of supplying Iraq with equipment to make poison gas S 12 E-1-1

Dow says chemical weapons could be made agricultural chemicals shipped to Iraq but would be difficult, costly  
-1991- Ja 2 A 1-1

Saudi Arabia-'Invisible enemy' scares soldiers the most  
-Willing Ja 14 A 4-6

Jerusalem - People face Hussein's threat to attack with chemical weapons without panic. F 21 B-1-2

Sinister Dr. No (Dr. Ihsan Barbouti) surrounded in controversy & intrigue in alleged death; he helped bolster Iraq's gas arsenal & smuggled arms to Libya.--Sweeney

Mr 29 A 3-1 NoDot

11 Germans charged with selling Iraq key equipment for producing chemical weapons

-1991-

Je 10 A 3-3

A team of 22 UN experts arrived in Baghdad to inspect Iraq's stockpile of chemical weapons --1992-- Ja 27, A-2-5

Muthana-Arms experts in Iraq at main chemical weapons facility to begin destroying deadly arsenal

-1998-

F 9 A 1-1

DC-If Hussein is willing to lose \$100 billion in oil revenue, shows value he puts on chemical weapons arsenal, say some

GAS : WARFARE : JAPAN

1946

JL 9, 1-5

7 DUMPS POISON GAS UNCOVERED NEAR KURE

1979

**GAS : WARFARE : LAOS**

**N 26, A-7-4**

**DC-REPORTS SAY THE SOVIET UNION PROVIDED CHEMICAL WEAPONS  
USED AGST LAOTIAN TRIBESMEN RESISTING COMMUNIST FORCES.**

Mr 16 A-3-2

Bonn- W. Germany warns Khadafy over threats made after fire at suspected chemical arms plant in Libya Je 7 A 3-1  
NY Times reported that China is considering selling chemicals to Libya that can be used to make poison gas according to US intelligence reports. Je 27 A 3-1

A court in mannheim W Germany convicted a industrialist of help8ng build a poison gas plant in libya Mr 6 A-4-6

DC- Libya building large underground complex for storing weapons used in chemical warfare. Je 22 A 8-5

Cairo-UN seized shipment of chemical arms bound for Libya ;used the year-old UN arms ban to confiscate mat'l

COL. ULIUS L. AMOSS, U.S. SPY, TELLS OF RED'S DISCOVERY OF POISON GAS STOLEN BY US AGENTS

Je 5, 27-4

MOSCOW-SOVIETS DENY U.S. CLAIMS THAT THEY USE LETHAL CHEMICALS IN LAOS, CAMBODIA

-1981-

N 12, A-5-1

DEANE BAKER CALLS FOR SYMPOSIUM ON SOVIET USE OF CHEMICALS IN YEMEN, LAOS & AFGHANISTAN

N 19, A-6-1

SOVIET CHEMICAL WARFARE-EDIT

-1982-

MR 8, A-10-1

DC-U.S. ASSAILS SOVIET WARFARE

MR 9, A-4-1

-1994-

Je 23 A 5-1

NYNYTimes says Russia concealing efforts to develop advanced chemical weapons, despite its pledge

1969

GAS: WARFARE: SERIES BY COL. R. D. HEINL JR.

JE 29, B-1-3

1-DUGWAY PROVING GROUND, UTAH-FIRST IN SERIES ON CHEMICAL & BIOLOGICAL WARFARE-ENTIRE WORLD WILL RAGE-CHEMICAL WARFARE-GASES THAT DISABLE & KILL

JE 30, B-7-3

2-DUGWAY PROVING GROUNDS-PARRAKEETS IN DEADLY COMPANY, HELP ARMY IN CHEMICAL TESTS

JL 1, B-8-3

3-FT. DETRICK, MARYLAND-WEAPONS IN OUR GERM WARFARE ARSENAL

JL 2, E-13-3

4-BASH-GERM WAR POLICY GETS CLOSE REVIEW BY DEF. DEPT

N 9, A-1-8

EXCERPTS FROM 'YELLOW RAIN': 'WE ALL FELT SICK... THEN BEGAN TO DIE'

N 10 10, A-1-1

ST VITAS DANCE KILLER RETURNS AS SOVIET WAR POISON-SEAGRAVE

N 10, A-18-5

DC-STATE DEPT SAYS SOVIETS USE TOXINS IN LAOS & AFGHANISTAN

N 11, A-1X-1

250 ACRES OF NERVE GAS STORED IN COLORADO-SEAGRAVE

D 10, A-22-1

GROWING EVIDENCE AGAINST RUSSIA-EDIT

1927

J1 7, 2-4

Prof. Harry N. Holmes, Oberlin College, tells Institute of Chemistry of Institute of Chemistry, State College, Pa., that effectiveness and humanity of gas warfare can be demonstrated if some city will allow test to be made

S 25,2-4-1

UNDERGROUND CITIES LIKELY NECESSARY TO COMBAT IT

D 20,2-8

SOVIET RUSSIA RATIFIES PROTOCOL FOR PROH OF USE OF POISON GAS IN WAR TIME --1928--

F 19,1-8-7

THE NATIONS SIGNING GENEVA PROTOCOL &amp; THOSE RATIFYING IT

--1928---

JL 12,4-2

EUROPE PREPARES AGAINST USE-- EDIT

AG 15,4-2

PIRIT OF PEACE MOVEMENT WILL KILL MENACE OF GAS

AG 20,12-6

US BEST PREPARED FOR CHEMICAL WARFARE, SAYS H EDMUND BULLIS

S 9,1-10-3

HUNGARY TO PROVIDE ALL CITIZENS WITH MASKS D 17,1-3

COLOGNE GERMANY SEEKS PROTECTION FROM STORED WAR GAS--

ENOUGH THERE TO KILL OFF POPULATION

--1929--

MR 5,2-7

GERMANY TO SIGN BAN ON POISON GAS; ANNOUNCEMENT MARKS OPENING OF LEAGUE COUNCIL

AP 30,1-1

BRITAIN READY TO BAN WAR GAS

MY 16,59-6 IH

BLUE CROSS WAR GAS BURIED IN CONCRETE GRAVE 10' BENEATH

EARTH, WAHN GERMANY

MY 19,1-5-1

MAJ GEN AMOS A FRIES RIDICULES DANGER OF ABOVE

MY 24,12-3 MICH

ANTI<sup>1</sup>/GAS MEASURES CALLED FUTILE, BY RED CROSS COMMITTEE

# GAS - WARFARE

1930

Form 1656

The Detroit News

Ja 6, 31-3

Limitless use of gas in war seen by War Dept. accord.  
to Maj. Gen. Harry L. Gilchrist

D 27, 2-1

Sec of War in annual report notes progress science is  
making in gas defense

1931

J1 25, 5-1

U.S. testing use of gas in aerial warfare

Ag 15, 5-1

found to be most humane form of warfare

1932

Ap 4, 11-4

ENGLAND DISCOVERS ANTIDOTE FOR DEADLY WA GASES

MY 8, 1-10-3 1\*

US SAID TO BE LARGEST PRODUCER OF POISON GAS

---1933---

JA 15, 1-8-5 3\*

BERLIN MAPS DEFENSE AGAINST GAS INVASION IN 'FUTURE WAR'

PETERS

JA 22, 1-2-3 3\*

RED CROSS TRAINS FOR GAS WARFARE

AP 2, 5-1-1 1\*

FRENCH RED CROSS TRAINS NURSES FOR GAS ATTACK

D 3, 1-7-3

BRITAIN STUDYING MEANS OF GAS DEFENSE

---1934---

BRITISH RED CROSS SOCIETY ADVISES ALL BUILDERS OF NEW BUILDINGS TO BUILD THEM BOMB PROOF & WITH GAS CELLARS

JL 15, 1-7-2 1\*

S 17, 14-2

WAR-NEW GAS DISCOVERED BY MASS. INST OF TECHNOLOGY IS SO DEADLY THERE IS NO WAY THE ARMY EMPLOYING IT CAN HANDLE IT SAFELY, THUS MAKING IT THE PERFECT MILITARY GAS-EDIT

S 18, 13-8 BBM

GERMAN CHEMISTS PERFECT POISON GAS WHICH IS DEADLY FOR 8 DAYS

S 23, 1-18-1 2\*

JOHN W CURRELL HAS DEVICE TO RAIN GAS BOMBS ON CITIES

---1935---

AP 14, 1-6-1

WAR-MODERN WAR & MILD HORRORS OF DRUID SACRIFICES-EDIT

NY 23, 27-1 1 HOME

DR YANDELL HENDERSON SAYS FEAR OF WAR GAS IS EXAGGERATED

JL 22, 24-7 1H

ARMY CHEMIST SAYS MUSTARD GAS IS BEST VARIETY

JL 29, 16-1

PARIS-INVENTOR KAPFERER WOULD ESCAPE RAIDS IN BALLOON.

AG 25, 1-1-2 MICH

RAINFALL OF LIQUID DEATH PICTURED FOR NEXT WAR

S 8, 6-5-1

WORLD POWERS REALIZING NECESSITY OF PROTECTING CITIZENS AGAINST POSSIBLE GAS ATTACK-

D 15, 1-4-8

ENGLAND TEACHES AMBULANCE BRIGADE TO LEARN SMELL OF DEADLY GASES

F 13, 35-8 WSC

---1936---

LONDON GETS GAS WARNING; ROOMS FOR REFUGE IN WAR URGED-  
MAJ.-GEN. SIR HENRY THUILLER THINKS GAS MOST HUMANE WEAPON IN WARFARE

MR 21, 19-6-NITE

Form 1656

O 31,4-2

MAJ. GEN. EDWARD CROFT SAYS GAS &amp; FIRE WILL FEATURE NEXT WAR

D 10,4-8

TOWN OF BEAUFORT, N.C. WANTS HIDEOUTS, JUST IN CASE

D 23, 2-2

EVERY HOUSE BUILT IN ITALY MUST HAVE AN ANTI-GAS SHELTER IN BASEMENT

---1937---

F 2, 14-1 C M

BRITISH TECHNICAL EXPERTS FIND GAS MASK FOR BABY CARRIAGES

F 18, 1-7

CAN DEPT OF "ATL DEFENSE SUGGESTS COLLEGES GIVE COURSES IN MODERN METHODS OF TREATING POISON GAS ATTACK VICTIMS

MR 14, 1-16-2-2\*

COL. ADELNO GIBSON SAYS PRESENT DAY WAR WEAPONS ARE ONLY DEVELOPMENTS OF THOSE USED IN WORLD WAR

AG 5, 20-8

US FIGHTS USE OF POISONOUS GASES IN WARFARE

---1938---

F 23, 24-1

RUSSIA TO REPEL ANY INVASION WITH POISON GAS

MY 2, 11-4

C.E. BRIGHAM ASSAYS LETHAL CAPACITY OF US GAS RESOURCES

JL 9, 18-7

SCOTLAND-PROF M KENDALL REASSURES SCOTLAND ON POISON GAS FEARS

---1939---

JA 5, 1-8

DR RALPH H BULLARD DISCOVERS COMPLETE PROTECTION VS. BURNS OF MUSTARD GAS

AG 20, OTO 4

NEXT WAR WILL BE WAGED WITHOUT RULES-HARRY ROCKEY

---1939---

N 16, 37-4

LIEUT-COL AUGUSTIN PRENTISS, U.S.A., ANNOUNCES NEW POISON GAS WEAPON

---1940---

MY 13, 4-3

BELIEVE KNOCKOUT GAS IS NEW NAZI WEAPON

---1941---

AP 16, 8-1

COL JOHN D ALEXANDER DEVI SES PORTABLE GAS CHAMBER

---1942---

MY 13, 4-7

US MILITARY AUTHORITIES SCOFF AT "NERVE GAS" REPORTED USED BY GERMANS

---1943---

F 21, 1-1-2

NAZIS HAVE NEW NITROGEN MUSTARD GAS-MOODY

---1945---

N 2, 1-4 NITE

COMMUNISTS CHARGE KAI-SHEK'S OFFICERS USING POISON GAS-

---1946---

MY 28, 1-2

DETAILS ATOMIC POISON GAS REVEALED BY US-BLAKESLEE

---1947---

MY 26, 24-3

ARMY EXPERIMENTING WITH RADIO-ACTIVE POISON GASES

---1948---

MR 23, 31-1

GUERRILLA RADIO CHARGES GREEKS USED GAS

---1949---

JE 28, 34-4

US ADVISED GREEK ARMY ACCUSED USING GAS BY GREEK REBELS

---1950---

F 17, 2-7

REP VAN ZANDT SAYS US GOING AHEAD WITH DEVELOPMENT POISON ATOM GAS

---1951---

JA 23, 11-8

STRONG COB & CO BUILD INJECTORS TO FIGHT NERVE GAS

MY 2, 25-4

NEW ANTIDOTE FOR GAS NERVE FORMULATED-CALLED 158 G.T.

LONDON- DRILLS ORDERED IN GERMANY BY U.S. FOR GAS DEFENSE

MR 31, 12-5

GAS TO ATTACK NERVOUS SYSTEMS MORE TO BE FEARED IN EVENT OF WAR THAN DISEASE GERM BOMBS SAYS DR. ARTHUR G. BAKER

MY 16, 43-1

U.S. DISCOVERS ARTIFICIAL WAY TO MAKE NERVE GAS ANTIDOTE CALLED ATROPINE WHEN REFUSED PLANTS FR. RUSSIA FOR THE ANTIDOTE

-----1954-----

F 17, 7-3

WILL ARMY EVER LOOSE NERVE GAS? - HARRIS

AP 7, 69-4

ARMY MAKES PLANS FOR ALARM TO WARN CITIZENS IF DEADLY GAS ESCAPE DURING SHIPMENT

S 16, 51-4

ATLANTIC CITY-ARMY CHEMICAL CORP & ITS CRAYONS TO TEST & DETECT GAS

-----1956-----

S 20, 3-1

ARMY TO DUMP CONSIDERABLE POISON GAS INTO SEA TO DISPOSE OF SOME EXCESS STOCKS

-----1958-----

F 15, 2-2

EDGEWOOD, MD.-ULTRA-SENSITIVE INFRARED "EYE HAS BEEN" BUILT TO GUARD AGST GAS ATTACK, ARMY REPORTS

AP 7, 6-3

N 4, 3-8

TAIPEI, FORMOSA-RED CHINA ACCUSED NATIONALIST GARRISON ON QUEMOY OF FIRING POISON GAS AT CHINESE MAINLAND

---1959--- Je 23, 21-3

MEMBERS OF HOUSE SCIENCE & SPACE COMM. SHOWN NEW WEAPON THAT PARALYZES ANIMALS

LONDON-LT. GEN. SIR JOHN COWLEY URGES NEW GASES FOR "HUMAN" WARS

N 6, A-12-1

N 18, A-2-2

EDGEWOOD, MD.-LT. GEN. ARTHUR G. TRUDEAU SAYS GAS IS THE "MOST HUMANE SYSTEM OF WARFARE NOW IN EXISTANCE" ---1960---

MR 9, C-6-1

ARMY STEPS UP EXPERIMENTS WITH LAUGHING GAS-LEE

---1962---

JL 10, D-8-5

ARMY ORDERS PRODUCTION OF PORTABLE CHEMICAL SENTRY TO ALERT SOLDIERS TO DANGER OF ODORLESS AND INVISIBLE NERVE GASES

---1963---

MR 9, A-5-3

MOSCOW-RUSSIA CHARGED U.S. WITH USING POISON GAS AGAINST CIVILIANS IN SOUTH VIET NAM THAT CAUSED HUNDREDS TO DIE

MR 24, B-10-1

NY-STANLEY P. LOVELL, FORMER OSS OFFICIAL SAID U.S. HAD PLANNED TO SATURATE JAP ISLAND OF IWO JIMA WITH NERVE GAS FIRED FROM NAVY SHIPS IN WORLD WAR II-TREESH

---1964---

D 22, D-5-1

GEN. GEO. C. MARSHALL FAVORED USING POISON GAS IN INVASION OF SOME JAPANESE-HELD SOUTH PACIFIC ISLANDS DESPITE INTERNATIONAL AGREEMENTS FORBIDDING ITS USE-POLLARD

---1965---

MR 22, A-1-5

SAIGON, SOUTH VIETNAM-MILITARY SOURCES SAID SOUTH VIET ARMED FORCES USING NONLETHAL GAS WARFARE AGAINST RED GUERRILLAS

# GAS : WARFARE

1965

MR 23, A-1-3

LONDON-NON-REDS IN EUROPE JOIN REDS IN ATTACKING USE OF U.S.-SUPPLIED NON-LETHAL GAS BY SOUTH VIETNAM FORCES AGAINST VIETCONG

MR 23, A-1-4 6\*

LONDON-PRIME MINISTER HAROLD WILSON REJECTED PRESSURE FROM HIS LABOR PARTY TO ABANDON SUPPORT OF US POLICY IN VIETNAM MR 24, A-1-4  
WASH.-JOHNSON ADMINISTRATION BESET BY DEMANDS TO CALL OFF WHAT CRITICS CALLED GAS WARFARE AGST COMMUNIST GUERRILLA FORCES IN VIETNAM

MR 28, C-18-3 2\*

WASH.-TEAR & NAUSEATING GASES, LIKE THOSE USED IN VEITNAM, ARE ONLY MILD & MINOR PORTION OF CHEMICAL ARSENAL POSSED BY COMMUNIST & NON-COMMUNIST BIG POWERS  
AP 1, C-8-6 6\*

LONDON-LEFT-WING LABOR PARTY MEMBERS SHOCKED WHEN COLONIAL SECY ANTHONY GREENWOOD TOLD THEM BRITISH POLICE OVERSEAS USED RIOT-CONTROL GAS 120 TIMES INLAST 5 YRS

AP 22, D-7-8

SEOUL-EX-PRES. POSUN YUN CHARGES KOREAN POLICE USED US-SUPPLIED TEAR GAS TO DISPERSE STUDENT RIOTERS--1966--

JA 4, A-1-5

SAIGON-SOURCES SAY ARMY CHEMICAL WARFARE SPECIALISTS ATTEMPTING TO FIND MORE EFFECTIVE WAYS OF USING TEAR GAS IN VIETNAM 09, A-3-4

THE HAGUE-BOOK "THE CHINESE AFFAIR" BY 3 DUTCH NEWSMEN SAYS CHINESE ENGINEER KILLED INJL GAVE U.S. CIA FORMULA FOR FATAL NERVE GAS

--1966--

N 9, B-3-3

NY-HUNGARY ASKS UN TO OUTLAW USE OF CHEMICAL & BACTERIOLOGICAL WEAPONS IN GAS WAR-FLEMING

--1967--

JE 2, A-4-1 5\*

GENEVA-INTERNATIONAL COMM. OF RED CROSS SOCIETIES SAID HAS PROBF POISONOUS GAS WAS BEING USED IN YEMEN WAR

--1969--

AP 30, B-22-1

WASH- CONGRESS INVESTIBATES SERIES OF WEAPONS AS DEADLY AS NUCLEAR WEAPONS AND HARDER TO DETECT

JE 29, B-1-2

LIST OF GASES THAT DISABLE-& KILL

JL 3, A-14-1 RACE

NEW YORK-U THANT ASKS BAN ON ALL CHEMICAL, GERM WAR AGENTS-

JL 3, A-1-5 1 DOT

WASH-SENATE ARMED SERVICES HAS CUT FROM THE PENTAGON'S BUDGE ALL FUNDS FOR RESEARCH AND DEV. OF ABOVE-

JL 3, A-1-4

KEY BISCAYNE-NIXON PLEDGED THE U.S. TO INTERNATIONAL COO- PERATION IN SEEKING RELIABLE ARMS CONTROL IN CHEMICAL AND BIOLOGICAL WARFARE-

JL 10, A-7-1

GENEVA-BRITAIN PRESENTED DRAFT TREATY AT DISARMAMENT CONFERE TO BAN THE MANUFACTURE AND & USE OF BACTERIOLOGICAL WEAPONS

JL 16, C-7-1

WASH-ARMY SEC. STANLEY RESOR ANNOUNCES SUSPENSION OF THE USE OF POISONOUS GASES IN DEFENSIVE TRAINING AT FORT MCCLELLAN, ALA-

JL 17, B-7-1 RACE

WASH-SEC. OF THE ARMY RESOR ANNOUNCED SUSPENSION OF USE OF POISONOUS GASES IN DEFENSIVE TRAINING AT FORT MCCLELLAN OF

JL 18, A-1-1

TOKYO-JAPAN ASKS U.S. TO CHECK NERVE GAS ~~MMS~~ MISHAP AT U.S. BASE IN OKINAWA INJURING 24 PERSONS- JL 19, A-3-7

TOKYO-OKINAWANS SHOCKED AT REPORT US IS STORING NERVE GAS ON ISLAND JL 20, A-15-1

WASH-NATIONAL SECURITY COUNCIL STUDY OF THE U.S. WAR GAS PROGRAM TO REVIEW OVERSEAS EMPLOYMENT OF CHEMICAL AGENTS- JL 22, A-8-1

WASH-U.S. TO REMOVE NERVE GAS STORED IN OKINAWA- JL 23, A-6-4

WASH-PENTAGON OFFICIALS PREDICT THAT REVIEW OF PROJECTS ON ABOVE WILL LEAD TO POLICY CHANGES AND TIGHTER SUPERVISION OF THE CONTROVERSIAL PROGRAM- JL 25, A-9-1

FUROR OVER CHEMICAL AND BIOLOGICAL WARFARE RAGES-HEINL JL 28, A-10-1

WASH- SEC. OF DEFENSE MELVIN LAIRD SAYS WAR GAS NEEDED AS DETERRENT. JL 31, AC-11-1

WASH-STATE DEPT. DECLINES TO SAY WHETHER U.S. IS STORING POISON GAS IN WEST GERMANY- JL 31, A-13-8 LF

BONN. W. G Rmany ADMITS U.S. GAS STORAGE.

-----1969-----Ag5, A-10-7 1DOT

WAR GAS FOES WANT PLANS AIRED. Ag 7, D-6-3 RACE  
FREDERICK, MD-PEACE GROUPS PICKETED FORT DETRICK TO END  
CHEMICAL WEAPONS TESTS-

Ag9, B-5-6  
PENTAGON AGREES TO CONTROLS IN HANDLING OF CBW AGENTS.

Ag11, A-1-4  
CHEMICAL WEAPONS CURBED BY SENATE. Ag12, A-11-2 RACE  
U.S. POISON GAS TO REMAIN IN GERMANY Ag 15, A-1-4

IS THE ~~RXX~~ POISON GAS TRAIN COMING TO DET? Ag 16, A-1-3

WAR GAS TRAIN MISSES DET. GOING ON THEIR DESTINATIONS  
TO INDUSTRIAL PLANTS. Ag 17, B-5-4

EIGHT CARLOADS OF POISON GAS REACH LOUISIANA- Ag 17, B-5-4 4D  
TRAIN CARRYING POISONOUS GAS REACHES LOCKPORT, N.Y. CHEMICAL  
PLANT- Ag 19, A-12-1

WASH-PHOSGENE HAS SAFE ARRIVAL AT LOCKPORT, N.Y.-HEINL JR.  
Ag 19, A-12-1 R

WASH-SENATE FUND CUTBACK THREATENS CHEMICAL BIOLOGICAL  
WARFARE JOBS- Ag 20, C-8-1

WASH-7 NEW GAS SHIPMENTS PLANNED FROM ROCKYMT. ARSENAL NEAR  
DENVER-

GAS: WARFARE

1969

S 9, A-2-1

WASH-DEPT. OF TRANSP. CANDELLED SHIPMENTS OF LETHAL GAS PHOSGENE FROM ROCKY MT. ARSENAL NEAR DENVER-

S 11, D-13-1

NEW YORK-DR. GEORGE WALD, NOBEL PRIZE WINNER TOLD CHEMICAL SOCIETY OF AMERICA THAT HE REFUSED TO HELP A GOVT. AGENCY DEVELOP CHEMICAL WARFARE AGENT WHICH WOULD TEMPORARILY BLIND-

S 18, B-9-3 1DOT

HILO, HAWAII-RESIDENTS HERE PROTESTED AFTER ARMY ADMITTED TESTING TOXIC NERVE GASES ON ISLAND IN 1966 & 1967

O 16, D-8-1 RACE

WASH-ARMY SHEEP GASSING ACCIDENT AT DUGWAY PROVING GROUND IN UTAH COST GOVT \$1 MILLION

O 18, A-2-3

ARMY TO RESUME GAS TESTS AT CENTERS IN MARYLAND AND ALABAMA.

N 2, A-4-3

WASH-HOUSE TO OPEN HEARINGS NOV. 18 TO STUDY TREATY BANNING BIOLOGICAL WAR--

N 12, A-7-1 1DOT

WASH-PENTAGON DELAYS PLAN FOR NO-ANTIDOTE GERM--

N 13, C-15-1

WASH-ARMY ASKED TO HALT OPEN-AIR GAS TESTS---

--1969---

N 25, A 1-1

WASH-PRES. NIXON RENOUNCES USE OF GERM WARFARE EVEN IN  
SELF-DEFENSE---TERHORST

N26, A-1-4

NIXON'S GERM WARFARE BAN WINS APPLAUSE- TER HORS.T

N28, A-12-1

NY DEM. RICHARD DEAN MCCARTHY WINS ANIT WAR GAS FIGHT.

D 2, B-8-3

A NEW THREAT TO U.S. DEFENSES-WHITE

D 3, MC-15-5

WASH-PENTAGON TO SHIP GAS OFF OKINAWA----

D 4, A-9-1

WASH- WAR GAS TRANSFER STIRS OREGON FEAR-----HOMAN

E D10, B-P6-1

WASH-PENTAGON ASKED TO BAR THE ARMY FROM SHIPPING POISON  
GAS WEAPONS THRU THE PACIFIC NORTHWEST---

8 D 11, A-23-7Rac

UN AGAINST TEAR GAS AS WAEPON OF WAR--

D 12, A-14-4

WASH-U.S. MAY DIFFER WITH UN ON TEAR GAS BAN--

D 13, A-1-2

WASH-TOXINS ACKNOWLEDGED AS EXEMPTED FROM NIXBAN ON GERM WARFARE---

D 17, C-16-4

WASH-OUTDOOR GAST TESTIN G AT DUGWAY PROVING GD.SUSPENDED--

# GAS WARFARE

1969

D 25, A-25-1

WASH-ARMY DELAYS TRANSFER OF NERVE GAS TO OKINAWA TO THE  
PACIFIC NORTHWEST----

D28, D-10-3 1DOT

NIXON IS RENEGING ON GERM BAN SAYS RICHARD D. MCCARTHY.

--1970--

F 4, A-12-8

WASH-REP. RICHARD MCARTHY HITS NIXON ADM. ON GERM WARFARE  
POLICY---

F 15, A-19-4HOME

WASH-US TO BURN POISON GAS IN COLORADO---

F 26, D-7-2

WASH-ARMY TURNS DOWN REQUEST TO HALT LARGE-SCALE OPEN-AIR  
TESTING OF POSION GAS AT DUGWAY PROBING GROUNDS IN UTAH---

MR 1, A-21-1 1DOT

NERVE GAS ACCIDENTS ADMITTED AT ROCKY MT. ARSENAL.

AP 7, B-10-1RACE

WAR GAS TRANSFER OK'D RELUCTANTLY-FROM OKINAWA TO OREGON

AP 12, D-9-1 1DOT

2 GOVERNORS GV. DAN EVANS & GOV. TOM MCCALL OPPOSE  
NERVE GAS SHIPMENT.

MY 17, B-7-1 1DOT

HOUSE SUBCOMMITTEE PANEL CRITICIZES NIXON ON WEAPONS BAN  
-AG.

--1970--- MY 22, D-11-1

ALASKANS DEBATE PLAN TO STORE NERVE GAS. MY 24, A-20-1

NERVE GAS CARGO WON'T GO TO OREGON. MY 24, A-20-1 HOME  
NAHA OLINAWA- OKINAWANS PRESS U.S. TO REMOVE POISON GAS  
WEAPONS. MY 25, B-2-1

KODIAK-NERVE GAS MAY GO TO KODIAK NAVAL STATION IN ALASKA.

JE 24, A-6-1

DENVER- ROCKY MOUNTAIN ARSENAL DESTROYES ENTIRE STOCK OF  
VX NERVE GAS

JE 26, D-8-5 RACE

U.S. STUDIES TRANSFER OF NERVE GAS TO JOHNSTON ISLE.

JE 30, A-12-4

WASH- SENATE VOTED TO KEEP NERVE GAS OUT OF US AUTHORIZES  
FUNDS FOR ITS DESTRUCTION

AG 4, A-11-3

WASH- DEFENDING ITS PLAN TO DUMP 15,540 CONCRETE-ENCASED NERVE GAS  
ROCKETS IN ATLANTIC. ARMY TELLS CONGRESS ROCKETS ARE HARMLESS AND  
IN SAME BREATH INCREASINGLY DANGEROUS

AG 6, A-24-4

PENATGON DECIDED TO BURY NERVE GAS ON OCEAN FLOOR DUE TO  
ADAMANT ATOMIC ENERGY COMMISSION OPPOSITION TO DESTROYING UNDER NEVADA DESERT

PREPARING TO SHIP IN COFFINS FOR BURIAL SITE AT ATLANTIC COAST

Ag 7,D-6-1

Ag 9,B-9-1

TRAINS READY TO CARRY 3,00 TONS OF LETHAL NERVE GAS FROM KENTUCKY & ALABAMA TO ATLANTIC

Ag 10, B-2-3

HOW TO SOOTHE THE PUBLIC WITH NERVE GAS—MULLER

Ag 10,B-4-1

CLOSELY GUARDED 24-CAR FREIGHT TRAIN BEGAN SLOW JOURNEY TO SEA FROM ARSENAL AT RICHMOND KY

Ag 11, A-3-1

CROSSES LINE ROUTES OF NERVE GAS TRAINS

Ag 12,A-15-4

STEVEDORES BEGAN LOADING CHEMICAL ABOARD OLD LIBERTY SHIP FOR SINKING

Ag 13,B-7-4

ARMY TOLD FED JUDGE ONE COFFIN OF GAS HAS BEEN LOST TRACK OF

Ag 16,A-25-1 5DOT

WARREN E BURGER ORDERED NAVY TO DELAY UNTIL AT LEAST NOON DEPARTURE OF SHIP CARRYING NERVE GAS

Ag 16,A-25-1

RE NAVY RECEIVED ALL-CLEAR ON NERVE GAS DUMPING

Ag 17,A-15-1

FERRIED TO SEA

-----1970----

Ag 18,D-7-8 RACE

LIBERTY NEARED OCEAN BURIAL GROUND & 8-MAN TEAM OF SPECIAL-  
ISTS PLANNED TO SINK IT & NERVE GAS

Ag 18,A-1-5

NAVY COMMITTED GAS TO BURIAL AT BOTTOM OF ATLANTIC MORE THAN  
3 MILES DEEP

Ag 19,A-13-1

PRES NIXON SUBMITTED TO SEN TREATY OUTLAWING GAS WARFARE, CO  
TENDING WOULD NOT PROHIBIT USE OF DEFOLIANTS OR TEAR GAS

Ag ;19,A-16-1

NERVE GAS VESSEL & CARGO LOST IN 3-MOLE DEEP SEA

Ag 20,A-17-1

POISON GAS DUMPED INTO B LTIC SEA AT END OF WWII STILL DIS  
TRESSING FISHERMEN,BATHERS,TOURISTS ETC IN WEST GERMANY

Ag 20,A-17-6

TESTS SHOWED NO LEAKS FROM LIBERTY SHIP SENT TO OCEAN FLOOR  
WITH CARGO OF OBSOLETE NERVE GAS

Ag 20,A-7-1 RACE

SEN GAYLORD NELSON SAID PRES. NIXON USING 45 YR. TREATY  
BARRING GAS AND GERM WARFARE TO SCUTTLE HIS PROPOSAL

Ag 26,B-3-1

SEN MIKE GRAVEL ASKED MELVIN ~~XXX~~ LAIRD FOR ASSURANCE THAT  
PENTAGON WILL NOT REMOVE NERVE GAS FROM OKINAWA

# GAS WARFARE

1970

DEFENSE DEPT INFORMED JAPAN HOPES LATE THIS YR TO START DIMINISHING CHEMICAL WEAPONS STOCKPILE ON OKINAWA

S 16,C-8-1 RACE

COMMUNIST TROOPS USED NAUSEA GAS FOR FIRST TIME IN CAMBODIAN WAR

O 7,A-7-1

HOBYO YARA SAID THAT US PLAN TO REMOVE NERVE GAS FROM ABOVE "NOT ACCEPTABLE TO OKINAWANS

D 6,B-7-1

LT GEN JAMES B LAMPERT WARNED WILL NOT ORDER START TO PROMISED REMOVAL OF LETHAL NERVE GAS FROM OKINAWA UNTIL NO THREAT OF FURTHER ANTI-AMERICAN RIOTS

D 21,A-9-1

---1971---

US TO BEGIN SHIPPING CHEMICAL WEAPONS OUT OF OKINAWA ON JA 12

JA 3,A-13-2 IDOT

JA 11,A-2-5 RACE

NAHA- OKINAWANS PROTEST U.S.DELAY OF 48 HRS IN REMOVING MUSTARD GAS FR. ISLE

JA 12,C-11-1 RACE

OKINAWAN OFFICIALS TO EVACUATE ALL CIVILIANS ALONG ROUTE BEFORE US ARMY OVES 150 TONS OF MUSTARD GAS SHELLS TO WARRX WAITING SHIP TOMORROW

JA 13,C-4-1

US ARMY TRANSFERRED 150 TONS OF GAS FOR SHIPMENT TO JOHNST

1  
---1971---

JA 14,A-9-4

US MILITARY TRANSPORT SHIP JAMES B ROBINSON LEFT FOR JOHN-  
STON ISLAND WITH 150 TONS OF MUSTARD GAS

JE4, C-8-1

ARMY BEGINS BURNING OBSOLETE MUSTARD GAS NR DENVER

JL 15,A-20-6

NAHA--ARMY BEGAN MOVING NEARLY 13,000 TONS OF POISON GAS  
AMMUNITION FROM OKINAWA TO JOHNSTON ISLAND

JL 20,A-4-8 IDOT

KOZA, OKINAWA--US BEGAN MOVING DEADLY NERVE GAS OFF OKINAWA  
TO JOHNSTON ISLAND IN MIDDLE OF PACIFIC

Ag4, C-20-4

JOHNSTON ISLAND-SHIPMENT OF 5,300 TONS OF NERVE AND MUSTARD  
GAS ARRIVE ON ABOVE FOR STORAGE

AG 12,A-19-8

US ARMY MOVED 350 TONS OF VX NERVE GAS FROM OKINAWA STORAGE  
AREA FOR SHIPMENT TO JOHNSTON ISLAND IN MID-PACIFIC

S 9,A-19-8 IODT

US REMOVED LAST OF 13,000 TONS OF POISON NERVE GAS FROM  
OKINAWA

H N 7,A-1-3

DIED COMMUNISTS USE GAS IN CAMBODIA-- E1NL

1975

# **GAS - WARFARE**

AP 17, C-7-1

**WASH-PENTAGON SAYS NO GAS DEATHS IN WW2 TESTS, IS TWISTED VERSIONS OF AUSTRALIAN EXPERIMENT**

-1976--MY16, A-1-2

**SOVIETS REPORTED HOARDING HUGE STORES OF MUSTARD AND NERVE GAS FOR USE AGAINST NATO FORCES.- PIPP**

D 6, C-16-1

**WASH-US CHEMICAL-BIOLOGICAL ARMS DROPPED 3 YRS AGO, SOVIETS NOW HAVE EDGE, US PLANNERS NOW WANT US FUNDS FOR UNILATERAL DISARMAMENT-HEINL**

-1-9-77-

MR 22, B-3-1 1DOT

**DC-U.S URGED TO DESTROY MUSTARD GAS, BAN CHEMICAL WAREARE**

-1978-

O 19, A-18-1

**DC-ADMINISTRATION WANTS TO GO AHEAD WITH PLANS TO BUILD PRODUCTION PLANT FOR NEW TYPE OF NERVE GAS WEAPON**

-1979-

S 17, A-4-1AM

**DC-ATTY EDWARD NEVINS OBTAINED REPORT OF TESTS CONDUCTED IN 1950**

S 24, C-20-5

**WASH-US ARMY TESTS HALLUCINOGENIC DRUG CLOUDS ON 8 SOLDIER VOLUNTEERS IN 1964 TO PROVE ENEMY COULD BE INCAPACITATED**

-1980-

JA 23, A-4-1

REPORTS SAY SOVIET INVASION FORCES IN AFGHANISTAN USING  
CHEMICAL WEAPONRY.

MR 17, A-11-5

LONDON-NATO CHIEF ROGERS SAID US SHOULD BEGIN PRODUCING CHE-  
MICAL WEAPONS TO DETER KREMLIN FROM USING THEM.

AP 11, A-12-5

AFGHANS SAY REBELS ARE USING US CHEMICAL ARMS

AP 25, B-3-1ST

DC-SOME EVIDENCE THAT CHEMICAL WEAPONS USED BY RUSSIANS IN  
AFGHANISTAN ARE LETHAL.

AG 8, A-3-3

US WANTS UN INVESTIGATION ABOUT SOVIET-BACKED TROOPS USING  
ILLEGAL CHEMICAL WEAPONS IN LAOS, CAMBODIA, & AFGHANISTAN.

S 17, A-1-6

DC-SEN VOTED TO START BUILDING NEW CHEMICAL WARFARE FACILITY  
THAT COULD BEGIN MAKING NERVE GAS & OTHER POISONOUS WEAPONS

S 22, B-2-4 D

CHURCH OF SCIENTOLOGY ACCUSES U.S OF TESTING BACTERIA ON  
U.S CITIES-TWARDON

1656

MR 29, C-2-1 RACE

MELVIN LAIRD SAYS CHIMICAL STOCKPILES NEEDED

AP 10, B-2-1

PRES. NIKOLAI V. PODGORNYY URGES ABOLITION OF ABOVE & LIMITATION  
OF NUCLEAR STOCKPILES AT SIGNING OF MULTI-NATION TREATY BAN-  
NING BIOLOGICAL WEAPONS

S 6, A-11-1

RUSSIANS REJECT BRIT. PLAN TO BAN CHEMICAL WEAPONS

S 24, B-13-1

BEIRUT-LEBANESE GOV'T CHARGES ISRAELI TROOPS WITH USING  
POISON GAS IN LAST WEEKEND'S ATTACKS INTO LEBANON

N 29, B-14-8

FT. DETRICK, MDL-COL. DAN CROZIER DEVOTES 6 HRS. TO PROVE USA MY  
NO LONGER ENGAGES IN MFG. OF CHEM. & BIOLOGICAL WEAPONRY

JE 12, A-20-1

--1972

PHNOM PENH, CAMBODIA-CAMBODIANS ACCUSE REDS OF USING TOXIC GAS

AG 5, A-8-1

PHNOM PENH-GAS ATTACK KILLS 40 CAMBODIAN TROOPS

--1973--

S 3, A-1-5

ARMY TO BUY 400 PUREBRED BEAGLES TO TEST POISON GASES&DEVE-  
LBP VACCINE TO COUNTERACT NEW BINARY NERVE GAS AT EDGEWOOD  
ARSENAL,MD.

--1974-- Oct10, C-2-3

Ww11 GAS VIALS ARE DISCOVERED ON FLORIDA COAST NR.TITUS  
VILE.

D17,A1-1

SENATE OK'D BAN ON GAS WARFARE.

D 26, A-9-1

WASH-LESASPIN ACCUSED ARMY OF IGNORING NERVE GAS BAN AS  
CHEMICAL CONTRACTS BEING SOUGHT

---1975---

JA 23, C-8-5

PRES FORD SIGNS BAN ON GAS AND GERM WARFARE.

F4, B-7-1

IS CHEMICAL WARFARE A DEAD ISSUE? HEINL. AP 14, A-4-1  
SYDNEY,AUSTRALIA-JOHNHAMPSHIRE,AUSTRALIAN BOMBER PILOT TELLS  
OF GASSING US CONVICT-VOLUNTEERS DURING WW2 AP 15, D-7-1  
WASH-ROYALAUSTRALEAN AF PILOTJOHNHAMPSHIRE CLAIM OF GAS  
DEATHS STARTS INVESTIGATION,WAR FILES FAIL TO BACK CLAIM

1980

11 16, A-2-1

ARMY ACCUSED OF CHEMICAL WARFARE AT GULANDER

-1981-

MR 16, A-3-3

DC-US HAS MOUNTAINS OF POISON CHEMICAL WEAPONS THAT WILL  
COST \$3.7 BILLION TO DISPOSE OF SAFELY.

MY 22, A-5-1

DC-CHEMICAL WEAPONS OK

S 17, B-16-1 D

LAOTIANS TELL OF COMMUNISTS DROPPING POISON GAS-GEBERT

S 27, A-17-5

BANGKOK-UN TO CHECK THAILAND CLAIM

N 9, A-1-5 X

N 25, A-2-2

NY-UN GRP UNABLE TO DETERMINE IF RUSSIA HAS USED CHEMICAL  
WEAPONS IN SE ASIA

-1982-

F 22, A-4-6

DC-CIA REPORT SAYS RUSSIA USED CHEMICAL WARFARE TO KILL IN  
AFGHANISTAN & ASIA.

-1982- F 26, A-2-1ST

DC-ENZYME MAY BE ABLE TO NEUTRALIZE DEADLY NERVE GASES OF  
US & RUSSIA.

MR 23, A-2-5

DC-U.S SAYS 10,000 VICTIMS OF 'YELLOW RAIN'

AP 8, A-5-3

MOSCOW-SOVIETS SAY U.S USED CHEMICALS ON VIETS

MY14, A-2-3

DC-ARMS BILL ADDS NERVE GAS FUNDS

MY15, A-2-5

DC-PANEL BACKS CHEMICAL WAREARE BILL

AS 8, A-2-1

AFGHAN GOVT. ACCUSED GUERRILLAS OF USING CHEMICAL WEAPONS  
SUPPLIED BY US AND BRITAIN

N 30, A--1-1

US SAID IT HAS PROOF THAT SOVIETS USED ILLEGAL DEADLY CHEM-  
ICAL WEAPONS IN AFGHANISTAN.

D 2, A-5-1

MOSCOW-SOVIETS DENY TOXIN CHARGE

D 6, A-10-1

MORE DEADLY EVIDENCE-EDIT

D 23, A-9-5

SOVIETS DUCK YELLOW RAIN ISSUE-CHAMBERLAIN

JA 31, A-4-1

ISLAMABAD, PAKISTAN-SOVIET MIGS DROPPED CANISTERS EMITTING A  
GAS ON MUSLIM REBELS.

ME 28, A-2-1

TEL AVIV-300/PALESTINIAN SCHOOL GIRLS FELL BY YELLOW POWDER GAS,  
'HOSTILE ELEMENTS' BLAMED (ARAB) JE7, A-16-1

SOME EMBRACE THEORY OF HARVARD BIOCHEMIST, MATTHEW MASELSON  
THAT TRICHOHECENE MYCOTOXINS KILLED GUERRILLAS. EDIT.  
O 7, A-4-1 AM

DC-NO YELLOW RAIN TREATMENT

-1984-

JA 9, B-4-1D

COPENHAGEN-OFFICIALS FIGURE OUT WHAT TO DO WITH TONS OF  
WW II MUSTARD GAS IN FISHING GROUNDS OFF BALTIC ISLAND OF  
BORNHOLM

-1984-

JA 10, A-14-1-4DOT

MOSCOW-WARSAW PACT PROPOSED CONFERENCE TO DISCUSS BAN ON  
CHEMICAL WEAPONS IN EUR.

JA 11, A-2-1

MOSCOW-SOVIETS AND WARSAW PACT ALLIES PROPOSED WORLDWIDE  
BAN ON CHEMICAL WEAPONS.

JA 17, A-4-1 2DOT

STOCKHOLM-GEORGE SHULTZ CHALLENGES SOVIET TO REOPEN TALKS

MR 6, A-1-6

IRAQ USING CHEMICALS ON IRAN

MR6, A-2-5

DC-U.S. ACCUSES IRAQ OF USING WEAPONS ON IRAN

MR 7, A-7-12DOT

NICOSIA-IRAQ CHIDES U.S., DENIES USING CHEMICAL WEAPONS

MR 8, A-4-1

IRAQI USE OF GAS IS CONFIRMED

MRB11, A-5-1

VIENNA- SCIENTISTS CONFIRM IRAQ USED GAS AGAINST IRAN.

MR19, A-2-1

IRAQ AGAIN DENIES USING NERVE GAS IN GULF WAR

MR 30, A-2-1

DC-US TO BAN EXPORT OF CHEMICALS TO IRAQ & IRAN

MR 31, A-2-3

DC-US SAYS IRAQ USED NERVE GAS IN ITS WAR AGST IRAN.

AP 5, A-1-6

DC- PRESIDENT REAGAN CALLED FOR BAN ON PRODUCTION, POSSESSION AND USE OF CHEMICAL WEAPONS. -SEHUSTER

AP6, A-12-3

MOSCOW-U.S CHEMICAL WARFARE APPEAL A 'TRICK,' TASS SAYS

AP9, A-2-1

VAIL COLO-KISSINGER PORPOSES NERVE GAS STOCKPILE

AP16, A-2-34DO

DC-REAGAN SENDS BUSH TO GENEVA TO SEEK BAN

-1984-

BUSH TO SEEK CHEMICAL WARFARE BAN

AP17, A-6-1  
AP18, A-5-1

GENEVA-U.S OFFERS SHORT NOTICE CHEMICAL WEAPON CHECKS

AP19, A-4-22DOT

GENEVA-BUSH OFFERS DRAFT FO BAN

AP22, A-2-13DOT

DC-U.S TO ASK SOVIET FOR CHEMICAL WEAPONS TALKS

MY18, A-2-6

DC-HOUSE REJECTS NERVE GAS BID FOR 3RD TIME-

MY18, A-2-52DOT

DC-NERVE GAS BID REJECTED 3RD TIME

AG 11, A-9-1

NY S AFRICAN 'ETHNIC' CHEMICAL WEAPONS FOR USE AGAINST

BLACK GUERRILLAS REPORTED

N 6, B-5-1

DC- U.S. HOPES ~~SOVIETS~~ SOVIETS WILL APPROVE NEW ANTI-CHEMICAL WEAPONS TREATY.

-1985-

F 20, A-6-5ST

Bangkok-Viets using poison gas, Thais charge

Mr 22, A-14-3-3DOT

Vienna-Iranian soldiers treated for injuries suffered by chemical weapons.

Ap 29, B-5-14dot

DC-scrap nerve gas, panel says

Ap 30, A-2-2

DC-nerve gas replacement urged

My 23, A-1-5

DC-Sen voted to end US suspension of chemical weapon development

Je 13, D-11-5

DC-The Bigeye bomb, centerpiece of Reagan's plan to modernize US chemical-weapons arsenal remains flawed.

Je 20, A-1-5

DC-House gave approval to renewed chemical weapons production

Jl 22, A\_13-1

We're in a biochem Arms race-Douglass

Jl 29, A-2-3

DC- House takes second look at chemical weapons.

-1985-

0 30, A-1-5

DC-Spending bill permits Pentagon to build new chemical weapons for 1st time since 1969

D 14, A-5-1

money allocated for chemical weapons for first time in 10 yrs

D 20, A-4-1

DC-Congress authorized \$126 million for production of new weapons.

1986-

Ja 29, C\_6-2

Geneva-U.S., Soviet talks under way

Mr 8, C-1-2

Bern-chemical weapons talks under way

Mr 18, D--6-6

DC-destruction of 40yr old chemicals at 8 sites in U.S. studied

Mr 27, A-12-1

DC-Syria producing chemical weapons

My 22, A-1-54dot

Brussels-Chemical arms OKd by NATO

My22, A-4-23dot

Brussels-NATO backs U.S on chemical arms

## GASE WARFARE

1986

My 23, A-4-1

Brussels-NATO backs U.S plans to make chemical arms

My30,A-8-6

DC-Toxin use by Soviet disputed (in Laos & Cambodia)

Je 11, B-6-6-4DOT

DC-Pentagon's main new chemical weapon the Bigeye bomb doesn't work & should be scrapped says GAO

Je 29, A-2-1

DC-Army will recommend destroying its obsolete chemical weapons at eight locations.

J1 10, D-2-4-4DOT

Geneva-US documents detail size & locations of US stockpiles of chemical weapons.

J1 11, C-10-5

Geneva-US disclosed info on its arsenal of chemical weapons

J1 30, A\_10-6

DC-new gas weapons sought

-1986-

Ag 8, A-2-4

DC-V-P Bush's vote helps reject attempt to stall new chemical weapon.

Ag 14, A-3-1

DC-House stalls for a yr a new generation of nerve gas weapons.

Ag 30 A-3-1

Geneva-Confererees move closer to global ban on chemical weapons.

S 2, A-10-2

DC-group opposes biological arms

O 15, A-4-1

DC-Lawmakers reached agreement on fiscal '87 Pentagon spending plan. Give go-ahead for new chemical weapons system.

Put off decision on new chemical bomb

N 24, A-10-4

London-Libya acquired nerve gas warheads & passed some on to Syria & Iran

--1987--

F 18, A-4-3

CHICAGO-Biochemical attack high enough risk to justify spending \$60million a yr. to prepare for it.

F 19, A-4-5

Moscow shifts on chemical arms.

Je 24 A-3-1

Moscow-Soviets stop making chemical weapons; prod West on controls.

Ag 31 A-3-1

Report says chg that Soviets use 'yellow rain' in SE Asia is off base.

D 25 A-3-6

DC-U.S. fears Libya is building plant for chemical weapons

D 28 A-3-1 1-dot

Iran PM Hussein Musavi says his country is producing sophisticated offensive chemical weapons.

D 31, A-3-1

Army to destroy potentially dangerous , aging chemical weapons.

-1988-

Ja 18 A-2-1

DC-Soviets break pledge on disinformation plan; U.S. denies chemical war charges.

-1988-

F 24 A-3-1

Army will build incinerators at 8 depots to destroy old chemical weapons.

Mr 23 A-3-2

DC-EPA chief bars use of Nazi data on use of phosgene gas.

Mr 30, A-3-2

DC-Iraq use of nerve gas spreading fear-Hilts

J1 29 A-3-1 1-dot

U.S. reveals locations of chemical weapons production facilities to speed up negotiations in Geneva aimed at banning mfg & use of such weapons.

Ag 26 A-3-1 3-dot

Cuba using poison gas against So. African-backed Angolan guerrillas.

S 9 A 3-5

Iraq using chemicals on Kurds U.S. says

S 22 A 1-6

Japanese firm tied to Libyan nerve gas-Peterson

- S 23 A-3-3  
DC-Sales of chemical weapons by foreign firms would bring sanctions under new legislation. S 23 A-4-3  
DC-Shevardnadze meets Shultz to discuss chemical weapons. S 25 A-4-1  
DC-Reagan to ask UN for more chemical warfare restraints. N 23 A-3-1 No-dot  
British lab found traces of chemical weapons in soil samples from Iraqi Kurdistan. D 19, A\_3-6  
DC-Libyan chemical weapons factory worrie U.S. D 21, A-4-1 1dot  
TelAviv-Israel tests gas-masks for all plan D 22, A-3-2  
DC-U.S discussing hit on Lipyan plant D 26, A-10-1  
Nicosia-Iran, Iraq, Syria back Libya v U.S again

-1989

JA2, A-3-1

Germans investigate firm that may have helped Libya build  
plant

Ja 3, A\_3-1

Reagan to propose that UN be given more authority to  
investigate

Ja 4, A-1-1

DC-U.S fighters down 2 Libyan warplanes in Mediterranean

Ja 4, A\_1-1 NoDot

Libyan poison gas plant worker talks

Ja 9 A-3-2

NY-Libya's foreign minister said country doesn't possess  
know-how to produce chemical weapons.

Ja 5 A-12-2

DC- U.S. wants to halt spread of poison gas

Ja 11 A-1-5 3Dot

Paris-Chemical arms use condemned at intl conference

Ja 12 A-5-1

Paris- Conference of 149 nations pledged not to use chemical  
weapons & to work to eliminate them.

Ja 13 A-3-1

Korean-born naturalized citizen arrested in Newark, NJ,  
trying to smuggle missiles & nerve gas bombs out of  
country.

Ja 13 A-3-2

NY-W. Germans linked to alleged poison gas plant in Libya

Ja 14 A-4-1

Bonn, W. Germany-W. German firm being investigated after re-  
port it helped build suspected poison gas factory in Libya

Ja 23, A 4-1

Bonn-German firm linked to Iraq chemical arms Ja 25, A3-1

3dot

West Germany raided 14 firms suspected of helping Libya  
build poison gas plant

F 10, A 3-1

CIA warns of Libyan production capacity F 11, A 6-3

DC-2 German firms admit helping Libya with plant

-1989-

Mr 2, A-3-1

Libya could share chemicals with other radical nations

Mr 10, A-1-2

DC-Japan denies poison-gas plant link-Peterson

Mr 10, A-3-1

U.S officials believe Egypt assembling Swiss chemical plant

Je 27 A-3-1

W. German govt proposes legislation to stiffen export  
controls & penalties against firms that export chemicals  
used in making poison gas

J1 18 A 1-1

NY-U.S and Soviet Union reached agreement on weapons ban

Ag3 A-7-6

NY-Soviets accept American demand that inspections be done  
before agreement on arms ban concluded

S 20 A-3-4

DC-Nuclear testing, missile pact on U.S-SOVIET mtg agenda

	S 24 A-1-5
U.S=Soviet summit set for 1990.	S 25 A-1-5
Kennebunkport, Me-Bush presses Soviets to cut chemical arms	S 26 A-3-5
UN-Bush's chemical proposal may spark new talks in Geneva & put pressure on Third World	S 26 A-1-2 3Dot
NY- Soviets say they're ready to destroy chemical arsenal	S 27 A-1-3
NY- Soviets support reduction in chemical arms stockpiles	0 9, A-5-1 3dot
DC-Bush decides to continue chemical weapon production= SMith	-1990- F 11 A-3-5
U.S., Soviets agree to sign pact on arms destruction by June	Mr 7 A 3-1
Libya's chemical weapons plant outside Tripoli is at opera- tional level, turning out limited quantities of mustard gas and nerve agents	

--1990--

Ap 2, A-3-1

Baghdad-Iraqi Pres. Saddam Hussein threatened to use his advanced chemical weapons on Israel if they strike against Iraq

Ap 3 A-3-3

Baghdad, Iraq- Israel issues gas masks after Iraq threatens chemical attack

Ap 5 A-3-1 No Dot

Iraq will get rid of chemical weapons if Israel destroys nuclear weapons & signs treaty.

Ap 25 A 3-1

U.S. and Soviets agree to slashing arsenals of chemical weapons.

My 8 A-3-1

U.S. trying to halt production of chemical weapons

My 9 A 3-1

White House offered to halt chemical weapons production if USSR agrees to cuts in both nations' poison gas supplies.

My 20 A-1-5

Moscow- U.S., Soviets conclude 'trailblazing agreement' to scrap chemical arms

My 23 A 3-1

Bush signs law making it a crime for Americans to develop chemical or biological weapons, or to help other countries acquire germ warfare devices.

Jl 12 A 3-1

Cheney cancels tests of newest chemical weapon.

Jl 27 A-3-1

Israeli science minister says Israel has chemical weapons and would use them if attacked by Iraq.

Ag 9 A-4-1

DC- Troops in Persian Gulf issued gas masks, etc., in preparation for possible poison gas attack.--Ryan

Ag 21 A-4-1

Brentwood, Mo- Survival Technology Inc. steps up output of nerve gas fighter for troops in Mideast

-1990-

S 7 A-3-1 2dot

Head of 15-nation South Pacific Forum says U.S. treating residents as 'coconuts & guava' because of plans to burn off chemical weapons at Johnston Atoll S 30 A-7-1

DC- Iraq readies biological weapons.

0 2 A-1-2

Fort Knox, Ky- Mich Natl Guard gets training in surviving nuclear, biological & chemical warfare in Arabian desert

--Willing

0 2 A-3-4

Jerusalem- Israel's citizens to get gas masks ahead of schedule

0 8 A 3-2

Yoqneam Israel-Israelis have begun picking up the gas masks their govt is distributing to counter a feared Iraqi chemical attack

-1991-

Ja 18 A-4-1

Lesson 6: Chemical, biological weapons & how they work.--

Gaydos

Ja 18 A-4-4

Nerve gas is fairly ineffective mass killer.--Angell

Poison gas, germ warfare can wreak havoc on psyche--McCann  
F 18 E 1-2

DC- House will consider bill expanding controls over sale  
of technology useful for chemical & biological weapons  
F 21 A-12-1

How chemical weapons work, how they kill.--Gordon  
F 24 A-4-4

DC-Pres. Bush said that the US would destroy all of its che-  
mical weapons stockpiles  
My 14 A 4-1  
Ag 27, A-2-5

Geneva-Treaty banning chemical weapons passed final hurdles  
on way to adoption by UN  
S 04 A 2-5

Washington-Conference on Disarmament Thurs. approved draft  
treaty forbidding nations from using chemical weapons.

-1995-  
U.S., other developed nations ill-equipped to prevent terror-  
ist use of lethal chemical agents, such as Nerve gas  
Mr 21 A 5-1

--1996--

Ja 23 A-5-5

DC-Army discloses amounts and types of chemical weapons

AG 23 A 12-1

Tooele Army Depot,Utah-Army begins destroying chemical weapons containing nerve gas

Ag 23 A 6-1 1dot

Tooele Army depot,Utah-Same

Ag 26 A-5-5

Salt lake City-Chemical weapons destruction halted after nerve gas leaked

O 23 A 5-1

DC-20,867 Persian Gulf veterans may have been exposed to chemical weapons when Iraqi ammunition dump destroyed

-1997-

Ap 24 A 5-1

DC-Chemical Weapons Convention ratified by 74 countries; opposition in U.S.;up for vote in Senate-Ryan

Ap 30 A-5-5

Global ban on chemical weapons took effect;Russia and Iraq not involved

N 26 A 1-5

DC-Defense Sec'y.Wm.Cohen says Iraq's Hussein could have enough nerve gas to kill every living being

-1998-

Mr 22 A-8-1

DC- U.S. Cities, hospitals ready themselves to be able to respond to chemical, biological terrorism.

1999

Mr 29 A 8-1

Scientists worried anthrax & nerve gas may be used by domestic terrorists;can be made in home labs-Pearce

GAS : WASHINGTON

1942

Form 1656

JA 1, 28-7

SEATTLE HOMES' GAS SUPPLY OUT OFF IF OTHER MEANS OF HEATING ARE POSSIBLE

GAS WELL FOUND 1500 FT. DOWN UNDER WATERS OF LAKE ST. CLAIR AT MOUTH  
OF THAMES RIVER-DI ARCY O 31, 24-3  
-----1956----- AG 9, 40-8

SECOND GAS WELL HAS BEEN DRILLED IN LAKE ST. CLAIR NEAR MOUTH OF THAMES  
RIVER, ONT. ABOUT 35 MILES EAST OF DET.

-----1967----- JE 21, B-11-7  
LANSING-MICH & ONTARIO JOINED TO PROTECT BOUNDARY WATERS  
FROM POLLUTION CAUSED BY DRILLING OF OIL GOV ROMNEY SAYS  
--1973-- O 3, A-1-1

SUN OIL CO. EXPLORATORY GAS WELL RUPTURES LETTING HYDROGEN  
SULFIDE GAS ESCAPE & HUNDREDS EVACUATED FROM CAMROSE IN  
ALBERTA ---1975--- F 16, A-12-5  
FISHERVILLE, ONT-FARMER FRED SNIDER DRILLS OWN WELLS TO MEET  
GAS CUTOFF THREAT BY UNION GAS LTD.

GAS: WELLS: DETROIT

1954

27, 12-1

JACK FULTS, DRILLING FOR WATER FOR C.F. REHBINE CO. HITS GAS POCKET &  
GEYSER OF WATER RUSHES UP

1969

GAS, WELLS: GREAT LAKES

Ag10, A-3-1

STATE & ONTARIO AT ODDS WITH EACH OTHER ON LAKE DRILLING  
- DOUGLAS. --1976---

Ag 24, A-14-1

US TAKES NEW LOOK AT BAN ON GAS DRILLING IN WESTERN LAKE ERIE  
& IN LAKE ST. CLAIR-THEISEN

My 11, 1-3

NORTHVILLE-GAS WEEL BELIEVED TO BE BIGGEST IN MIDWEST WAS BROUGHT IN  
MY 10TH ON FARM OF CHAS.NEPRETER FINANCED BY 4 DET.INVESTORS

My 12, 17-1

NORTHVILLE-CHAS.H.NERRETER TELLS OF BRINGING IN OF GAS WELL ON HIS  
ARM-GEBERT

DRILLERS HIT OIL & NATURAL GAS ON DET. HOUSE OF CORRECTION FARM AT PLYMOUTH, MICH D 16, 1-4LF  
 ---1955--- F 13, B-1-1

ONE HOMES IN NANKIN AND CANTON TWP HAVE OIL IN WATER FAUCETS-TSCHIRH

MT. PLEASANT-SEARCH FOR OIL IN MICHIGAN IN '57; FIGURES IN WELLS DUG D 31, 17-3  
 ---1958--- JA 2, 20-6

MT. PLEASANT-35 GAS WELLS PRODUCED IN '58  
 ---1959--- O 31, B-8-1  
 JONESVILLE-WILD OIL WELL HERE IS PERIL TO FARM AREA AS IT SPOUTS GAS 200 FEET INTO AIR

JONESVILLE-SEEK TO CAP RUN AWAY GAS WELL ON FARM OF MRS. BERTHA NORTH- N 16, A-8-2  
 RUP N 17, B-5-5 1H

JONESVILLE-WORKMEN ATTEMPTING TO CAP WILD OIL WELL; BROUGHT UNDER PARTIAL CONTROL N. 15 BUT FITTING BROKE

ALBION-OIL WELL SPEWS NATURAL GAS OVER A FARM FOR 2 HRS JA 27, A-7-3  
 INJURES ONE MAN JA 28TH & INJ MY 27, A-2-2

GOV SIGNS BILL TO BROADEN POWERS OF CONSERVATION DEPT TO REGULATE DIGGING  
 ---1962--- Ap 3, B-13-1

ST. CLAIR-PANHANDLE EAST ANNOUNCES \$1.5 MILLION OIL & GAS EXPLORATION & DEVELOPMENT PROGRAM IN MICHIGAN

---1962---

N 14, B-6-4

MORENCI-COOK DRILLING CO. FOUND NEW POCKET OF NATURAL GAS 617 FEET  
DOWN ON SENECA TOWNSHIP PROPERTY OWNED BY THEODORE KIRSCHAND

D 21, B-8-1

CAPAC-8TH NATURAL GAS WELL BROUGHT IN BY MELVIN F. LANPHAR & CO. OF DET  
NR HERE

---1963---

O 2, B-13-1

EXPERIENCE WITH DRILLING BARGE SIMCOE IN DRILLING 35 WELLS IN LAKE  
ERIE SHALLOW WATERS INDICATES CAN BE DONE IN DEEPER WATERS

---1965---

JL 7, C-22-4

MORENCI-2 WELLS WITH ESTIMATED 2,500,000 CUBIC FEET RESERVE COMPLETED  
BY CLAY COUNTY PRODUCTS CO.

AG 19, A-3-5

NATURAL GAS WELL IN PLYMOUTH TWP. OWNED BY CONSUMERS POWER CO. BURST  
AG18 SENDING GAS & OIL 250 FT INTO AIR-25 FAMILIES FLED HOMES

---1966---

AG14, C-28-8 3\*ST

MORENCI-ANOTHER GAS WELL COMPLETED IN EXPANDING GAS WELL FIELD NORTHEA  
ST OF HERE

---1967---

N 7, A-6-4

1ST MACOMB FAMILIES MOVE BACK INTO NOW SAFE GAS LEAK AREA-  
FRANKS

N 8, A-1-4

COLD & MUD BATTLED BY THOSE FIGHTING TO FIND MACOMB GAS  
LEAK-4/FRANKS

N 9, D-14-1

ROUTED BY GAS WELL, 10 KIDS HAVE A BLAST-SIMON N9,14-1  
MACOMB COUNTY-WELLDRIILLERSTAPPED UNDERGROUND SHALE BEDS &  
RELIEVE ABOVE PRESSURES-FRANKS

# GAS: WELLS: MICHIGAN

1968

N 19, B-1-6

NEW OIL WELLS CAUSE GAS TO ESCAPE INTO UNDERGROUND WATER  
~~CAUSING~~ CAUSING GEYSERS & TROUBLE TO ALBION HOMES

N 20, B-21-1

GAS FED WATER GEYSERS IN ALBION PLUGGED

N 29, A-1-4

20 MARSHALL FAMILIES ROUTED BY GAS GEYSERS AFTER DAMAGE TO  
 RAYMOND KULZICK HOME-PHILLIPS

N 30, A-5-5

MARSHALL-GEOLOGISTS INVESTIGATING POSSIBILITY THAT DRILLING OPERATIONS  
 HERE CAUSING GAS ERUPTIONS IN CALHOUN CO.

D 1, D-19-1

MARSHALL-NATURAL GAS CONTD. TO ERUPT FROM HOLES IT TORE IN EARTH'S CRUST  
 THANKSGIVING DAY OUTSIDE OF CITY

D 2, A-3-2

MARSHALL-2 MORE FAMILIES MOVED OUT OF HOMES WHEN WATER PRESSURE DROPPED  
 & CONCENTRATIONS OF GAS FOUND IN ONE OF HOMES

D 4, A-3-5

MARSHALL-3 ERUPTION OF NATURAL GAS IN CALHOUN CO. OCCURRED IN LEE TWP. TOP-  
 PLED 127-FT-HIGH OIL DRILLING RIG

D 6, A-8-1 RACE

MARSHALL-SNOWFALL HELPING AUTHORITIES FIND ALL FISSURES FROM WHICH  
 NATURAL GAS IS ESCAPING

D 26, A-3-5

MARSHALL-NATURAL GAS PRESSURE BLEW TOP OFF HAND PUMP AT 1-94 REST AREA  
 NR HERE

JA 11, A-3-2-8

---1969---

MARSHALL-GEYSERS PLUGGING ABOVE & LEE APPARENTLY FROM SAME  
 SOURCE

---1969---

F 28, C-9-5

GAS LEAK IN MARSHALL ENDED SAYS STATE

D 9, A-8-2

TRAVERSE CITY-McCLURE CO.'S STATE UNION NO. 101 WELL TO REMAIN IN CAPPED---

---1970---

JE 18, A-28-1

ST CLAIR--SPEWING ONE MILL CUBIC FEET OF GAS AN HR INTO AIR; FORCED 10 FAMILIES FROM HOME

O 8, A-18-1

TRAVERSE CITY--SHELL OIL CO REPORTED SEVERAL TEST WELLS SHOWING GOOD PROMISE OF GAS & OIL

O 10, B-11-3

STATE NATURAL RESOURCES COMMSN VOTED TO SUSPEND INDEFINITELY ALL OIL & GAS DRILLING ON STATE PROPERTY

---1971---

JA 26, C-5-4 RACE

TULSA, OKLA--PAN AMERICAN PETROLEUM CORP COMPLETED 2 WILDCAT GAS DISCOVERIES & TESTED 3RD ON NORTHERN FLANK OF MICH BASIN

MR 6, A-10-4

NORTH ERN MICH EXPLORATION CO ANNOUNCED NEW WELL 20 MILES SOUTHEAST OF TRAVERSE CITY; POM CORP BROUGHT IN NEW GAS WELL LOCATED IN JACKSON COUNTY, W VIRGINIA

---1973---

AP 19, A-1-1

TRAVERSE CITY----200 RESIDENTS IN NEARBY RURAL COMMUNITY OF WILLIAMSBURG EVACUATED AS MYSTERIOUS CRATERS CONTINUE TO OPEN IN GROUND---BURDOCK

1973

**GAS: WELLS: MICHIGAN**

- WILLIAMSBURG---MORE CRATERS APPEAR ALONG M-72---DRILLERS  
WILL FIGHT GAS ERUPTIONS---BURDOCK Ap20, A-1-1
- WILLIAMSBURG, MICH---ENGINEERS WORK TO RELEASE GAS---BURDOCK  
Ap21, A-1-2
- WILLIAMSBURG, MICH---LAKE DAMAGE FEARED FROM GAS ERUPTIONS---  
DAMMAN Ap22, A-1-4 HOME
- NEW SINKHOLES INCREASE PERIL OF GAS EXPLOSION AT WILLIAMS  
BURG, MICH.---DAMMAN Ap22, A-1-4
- WILLIAMSBURG, MICH.---GAS ERUPTIONS CHASE OUT 10 MORE  
FAMILIES---DAMMAN Ap23, A-1-1
- WILLIAMSBURG---GUSHER THREAT GROWS; MORE THAN 100 FOUND---  
BURDOCK Ap24, A-1-4
- TRAVERSE CITY---GAS BURSTS FORCE GEORGE ANSTETT, DISABLED  
PENSIONER TO FLEE DREAM HOME---BRUDOCK Ap25, A-3-3

-1973-

AP 26, C-1-1

TRAVERSE CITY--WILLIAMSBURG REJOYCE AS MOCO PRODUCTIONS  
WORKERS PLACE CONCRETE PUMP OVER LEAK IN WELL.BURDOCK

AP27, C-11-1

WILLIAMSBURG, MICH--PROBE FINDS SURPRISE VEIN OF ESCAPING  
GAS---BURDOCK

AP27, C-11-1 RACE

TRAVERSE CITY--'MAP WITCH' OFFERS TO HUNT GUSHER SOURCE

AP28, A-3-1

WILLIAMSBURG, MICH---MILLIKEN PUSHES FOR STIFFER RULES ON  
GAS WELL DRILLING

AP29, B-10-1 2DOT

WILLIAMSBURG, MICH.---THE GUSHER CRISIS---WHO TAKES THE  
BLAME?---BURDOCK

AP29, A-27-1

WILLIAMSBURG, MICH.---GEYSERS MAY BE RUNNING OUT OF GAS---  
DAMMANN

AP30, A-3-1

WILLIAMSBURG, MICH.---UNDERGROUND 'GAS BUBBLE' CLOSING IN  
ON TRAVERSE CITY---DAMMANN

# GAS: WELLS: MICHIGAN

1973

- WILLIAMSBURG, MICH.---GAS PERIL EASES FOR THE 3RD DAY MY1, A-6-4
- NOVI CONSIDERS REQUEST TO DRILL FOR GAS AND OIL---ROACH MY1, B-1-1 N
- WILLIAMSBURG, MICH.---3 FAMILIES FLEE AS GAS ERUPTS FROM WATER WELLS--- MY2, A-28-1
- BLAMES FOR WILLIAMSBURG WOES CENTER ON AMOCO GAS WELL.CROWE MY 3, A-5-1
- LANSING-GOV.MILLIKEN ANNOUNCED SALE OF OIL LEASE RIGHTS BANNED; INVESTIGATING GAS ERUPTIONS INWILLIAMSBURG AREA MY 4, A-6-4
- PREVENTING DRILLING ACCIDENTS----EDIT. MY6, E-3-1
- WILLIAMSBURG, MICH.---OIL ERUPTIONS TIED TO LEGEND--AN INDIAN PROPHECY FULFOLLED?---DAMMANN MY6, B-17-5
- LANSING---MICH.DEPT. OF NATURAL RESOURCES SAYS GAS ERUPTIONS DIDN'T HURT LAND IN WILLIAMSBURG AREA MY8, A-19-1

-----1973-----

MY10, A-12-1

WILLIAMSBURG, MICH---WELL LEAK STIRS FEARS OF GUSHERS

MY14, A-3-1

WILLIAMSBURG, MICH---20 FAMILIES SET TO GO HOME AS PERIL  
EASES

MY15, A-17-1

LANSING---OUTSIDE AGENCY TO PROBE DRILLING BY AMOCO

MY16, B-3-1

WILLIMASBURG, MICH---GUSHERS CONTAMINATE TOWN'S WATER

MY18, A-13-6

WILLIAMSBURG, MICH---ONE MORE FAMILY FORCED TO LEAVE HOME

MY27, A-20-1

LANSING---SPECIAL TASK FORCE TO CONDUCT IN-DEPTH REVIEW  
OF OIL AND GAS REGULATIONS --APPOINTEE BY GOV. MILLIKEN

MY 31, C-7-5

JE 2, A-3-1

OIL, GAS BD CRITIXXCIZED.

37 WILLIAMSBURG FAMILIES RETURN TO HOMES AS ANOTHER 52 52  
MUST STILL AVOID DANGER

GAS: WELLS: MICHIGAN

1973

- JE 8, A-18-1
- 28 FAMILIES STILL HOMELESS AS RESULT OF NATURAL GAS ERUPTIONS IN WILLIAMSBURG AREA
- JE 10, A-26-1
- STATE SENATE OK'S OIL DRILLING CHECKS
- JE 24, A-3-1
- GEYSERS DRY UP BUT ORDEAL STILL ON IN WILLIAMSBURG+WENDLAND
- JL 10, A-7-1
- ONLY 6 HOMES OF EVACUATED RESIDENTS SAFE TO RETURN TO 3 MOS. AFTER 1ST LEAKAGE+N WILLIAMSBURG
- AG 15, A-19-1
- STATE OF MICH. FILES \$1.2 MILL. SUIT VS. AMER. OIL CO. & CACTUS DRILLING CORP. OF TEXAS AFTER ERUPTIONS IN WILLIAMSBURG
- AG 16, D-10-7
- STATE FILES SUIT OVER WILLIAMSBURG GAS ERUPTIONS
- AG 22, B-3-1
- STATE OFFICIALS STUDYING REQUEST BY AMOCO OIL CO. TO BEGIN EXPERIMENTAL DRILLING IN WILLIAMSBURG IN HOPES OF TURNING SUSPECT SHAFT INTO MAJOR GAS-PRODUCING WELL-KERWIN
- S 14, C-9-2
- CACTUS DRILLING CORP. OF HOUSTON PETITIONS STATE SUIT FOR ERUPTIONS IN WILLIAMSBURG

--1973--

N 1, A-10-1

EARL GAY FAMILY WAS 1ST TO BE EVACUATED FROM WILLIAMSBURG  
& IS LAST TO RETURN HOME AFTER 6 MOS. AWAY DUE TO AP 18  
ERUPTIONS

D 10, A-7-1

WILLIAMSBURG-EXPLOSION ROCKS HOUSES HERE D 9 AT SITE OF  
GAS ERUPTIONS LAST BPRING<sub>N</sub>

D 11, A-12-1

WILLIAMSBURG-GD. TRAVERSE COUNTY OFFICIALS FIND NO EVIDENCE  
OF EXPLOSION AS REPORTED HERE D 9

D 12, A-2-3

WILLIAMSBURG-RESIDENTS FEAR EVACUATION DESPITE OFFICIALS'  
FAILURE TO FIND EVIDENCE OF EXPLOSIONS D 9-WENDLAND

--1974--

JA 24, A-23-5 RACE

REGULATIONS ALLOWING STATE OFFICIALS TO CLOSE OIL OR NATURAL  
GAS WELLS CONSIDERS ENVIRONMENTAL THREATS, BEING DRAFTED  
UNDER A. GENEGAZLEY'S DIRECTION

MY; 7, A-6-4

AMOCO & CACTUS DRILLING CORP. AGREE TO PAY MICH. \$160,000 FOR  
WILLIAMSBURG GAS ERUPTIONS AP 1973

MY 8, C-2-1

SAME

MY 9, D-3-1

AMOCO PRODUCTION CO. SAYS MICH. TAXPAYERS COULD HAVE BEEN SAVED  
MONEY IF STATE HAD TAKEN \$160,000 WHEN 1ST OFFERED LAST FALL

**GAS: WELLS: MICHIGAN**

1974

Ag 18, D-19-1

SIX LAKES-FIREMAN STILL TRYING TO PUT OUT FIRE IN MIDDLE OF  
MOLE-SQUARE GAS STORAGE FIELD AT MICH. CONSOLIDATED SITE  
WHICH STARTED FRIDAY NIGHT

Ag 20, A-2-1 RACE

SIX LAKES- RADIOACTIVE ISOTOPE ACCIDENTALLY BURIED IN MAS-  
SIVE NATURAL GAS STORAGE FIELD WHEN WELL CAUGHT FIRE

S 1, B-3-8

SIX LAKES-15-DAY FIRE AT NATURAL GAS WELL OWNED BY MICH. CONSOL-  
IDATED GAS CO. FINALLY EXTINGUISHED

---1975---

F 20, C-2-1

LANSING-MICH. DEPT. OF NATURAL RESOURCES SAY IT IS SAFE TO RE-  
OPEN GAS WELL THAT FORCED RESIDENTS OF WILLIAMSBURG TO EVACU-  
ATE HOMES IN APRIL, 1973

Mr 14, A-2-1

LANSING-MICH. DEPT. OF NATURAL RESOURCES WILL NOT PERMIT EXPLO-  
RATION FOR OIL & NATURAL GAS IN MICH. SHARE OF GREAT LAKES

Mr 21, D-12-2

LANSING-ATTY. GEN. FRANK KELLEY WANTS TO SHUT AMOCO PRODUCTION CO.  
GAS WELL IN WILLIAMSBURG, CHARGES WHITEWASH

---1976---

JL 16, B-2-1 ST

LANS-SAFETY VIOLATIONS IN '73 WILLIAMSBURG EXPLOSION

JL 23, B-2-1 E

LANS-DNR OFFICIALS SAY AMOCO PRODUCTION CO SHOULD POST

\$1 MILLION BOND BEFORE RESUMING WILLIAMSBURG DRILLING

WILLIAMSBURG-TO REOPEN GAS WELL, AMOCO PROD. CO.

JL 30, B-2-1 1Dot

JL 27, B-6-2 ST

E LANS-FIRM BALKS AT REOPENING WMSBURG WELL, STALEMATE

Ag 18, B-8-1 ST

LANS-GEOLOGISTS FEAR GAS BUILDUP IN WELL NR TRAVERSE CITY,

ASK AMOCO PRODUCTION TO REOPEN WELL

Ag 21, B-23-5

LANS-STATE OFFICIALS & AMOCO PRODUCTION CO. REACH AGREEMENT TO  
REOPEN WILLIAMSBURG NATURAL GAS WELL BY

OCT 1 S 10, B-1-1 ST

LANS-WILLIAMSBURG GAS WELL TO REOPEN BY SEPT 25

S 15, B-2-1 1Dot

AMOCO OFFICIALS TO REOPEN NATURAL GAS WELL NEAR WILLIAMSBURG

O 11, B-1-1 ST

WILLIAMSBURG-AMOCO PRODUCTION CO. REOPENED GAS WELL NR HERE

---1977---

S 14, B-4-3 ST

LOWELL-PROPANE GAS ESCAPED FROM UNDERGROUND STORAGE, CREATING DANGER  
OF EXPLOSION, RESIDENTS EVACUATED, REPAIRED

**GAS: WELLS: MICHIGAN**

**1978**

**AP 14, 73 BLOWOUT NR. WILLIAMSBURG SUIT AGST AMOCO DISMISSED IN CIR CT**

**JE 8, B-2-2 STATE**

**D 6, B-3-2-ST**

**ANISTEE-GAS LEAKING FROM WELL AT AZTEC PRODUCING CO STOPPED**

**---1980---**

**MR 28, B-4-2 N**

**LANSING: LOW-LEVEL RADIOACTIVE MATERIAL BURIED IN AT LEAST 8 SPOTS AROUND STAGE**

**JE 11, B-3-1W**

**LANS-BACKERS OF BILL ALLOWING DRILLING SEEK TO PERSUADE OTHERS THAT MEASURE IS ENVIRONMENTALLY SOUND.**

**-1981-**

**AP 7, A-1-2**

**LANS-NATURAL GAS WELL DISCOVERED ON PROPERTY OF RETIRED FARMER RUSSELL EDWARDS, 74 OF FALMOUTH, MICH-BRODER**

**-1982-**

**F 26, A-6-4W**

**LANS-BILL SEEKS TO BAN DRILLING RIGS FROM BOTTOM OF MICH'S INLAND LAKES. & STREAMS.**

**SHELL DISCOVERS GAS NR GAYLORD**

**MR 12, B-6-1**

**-1983-**

**F 9, A-1-6**

**KINGSLEY-NATURAL GAS WELL BLOWOUT FORCED EVACUATION OF 150**

-1983-

F 10, F-8-1

RED

ED ADIA R & CREW SECURE BLOWN-OUT GAS WELL IN GRAND TRAVERSE  
COUNTY-BULGIER

AP 11, B-4-4 D

LANS-MICH OIL OUTPUT CUT IN STATE

---1992--- Ja 31, B-2-1

Lans-Mich. Treasury to pick up \$4.4 million of cost of plugging inactive oil & gas wells

--1996-- Mr 7, C-5-1

West Bay Exploration Co., oil-drilling firm angles for well 4,000 feet below Kent Lake in Kensington Metropark-Ilka

N 14 E 5-1

Natural gas wells at Kensington Metropark, Milford have brought in \$2.2 million in revenues, help support parks-Ilka

-1996-

D 29 E 3-1

Controversy about permit by DEQ to drill for gas in Jordan River Valley, northern MI-BeVier

GAS: WELLS: MICHIGAN

1997

F 2, B-5-1

Chestonia Twp-Jordan River Valley,drilling case tests how  
Mich. handles claims on property-Katz

GAS: WELLS: NEW MEXICO

1954

JE 28, 1-6

JAL-TOWN COVERED BY RAIN COLLORED BROWN FR. WILD GAS WELL NR BY

GAS: WELLS: NEW YORK

1959

ORCHARD PK, NY-NATIVITY OF OUR LORD ROMAN CATHOLIC CHURCH HITS GAS  
S 9TH ON ITS LAND FOR 2ND TIME IN 2 YEARS

S 10, A-16-1

O 7, 26-5 1H

ULSA-40 ACRE RESIDENTIAL AREA IN SOUTH EAST PART OF CITY LOCATED OVER  
EMPTY OIL & GAS WELLS TOLD THEY MAY BLOW U ANY TIME

JE 11, 20-3

DRILLERS PREPARING TO TAP WELL NR COUDERSPORT

JE 22, 8-4

RENOVO, PA.-17 $\frac{1}{2}$ MAN CREW TAMES NATURAL GAS WELL THAT WENT WILD

-1980-

MR 26, C-2-3

BENEDICTINE NUNS DRILL FOR GAS, GET ENOUGH TO HEAT CONVENT  
FOR 20YRS

JL 1, 3-4  
SHERMAN-NATURAL GAS WELL WHICH LEW OUT & SPEWED UNCONTROLLED FOR SEV  
ERAL HOURS IS CAPPED JE 30TH

-1978-

MY 15, A-14-3

WALTON-OWNER OF LEAKING POISON WELL HAD SOUGHT TO BAN  
DRILLING IT; RESIDENTS EVACUATED

WPB LIMITS DRILLING OF WELLS IN KANSAS & OKLA.

S 3, 41-1

MT. PLEASANT - RICH FLOW FROM 890-FT. GAS WELL

N 18, 6-7

ITHACA- PRODUCTION DOUBLES AS WELL ERUPTS

D 3, 29-2

---1944---

JL 27, 33-4

2,000,000-FOOT GAS WELL IN BIG RAPIDS ---1947---

N 30, KOTO 4

SHOOTING GAS WELL DANGEROUS JOB-KIMBALL-

---1951---

N 15, 31-3

MICH CONS.GAS.CO. PLANS MORE GAS STORAGE WELLS IN MICH

-----1953---

F 13, 56-7

HOBBS, NEW MEXICO-FIREGIGHTERS FIGHT TO PLUG WILD GAS WELL LEAK SINCE FEB. 2ND

F 19, 24-7

HOBBS, N.M. - WILD GAS WELL CAPPED AFTER BLASING FORTH STREAM OF GAS FOR 14 DAYS

S 17, 58-3

PITTS-CO. OFFICIALS FIND OIL ON PROPERTY; TURNED OUT TO BE CITY PROPERTY

---1954---

MR 21, 1-22-1

NATURAL GAS WELL STRUCK ON FARM NR NR NORTHVILLE-TERNES

A<sub>P</sub> 2, 29-1

ANN ARBOR-WM. TAGGART FINDS ANOTHER OIL WELL ON FARM OF RALPH WILSON

---1967---

JE 13, A 8-7-4

US SUP CT LET LOWER COURT DECISION TO EXPAND FED POWER COMS

N EXXON STAND

---1974---

Ag 12, A-11-4

AMER. PETROLEUM INSTITUTE SAYS EXPLORATIONS FOR OIL & NATURAL  
GAS INCREASED DUE TO HIGHER PRICES-4975--F 22, A-1-1

MICH. WIS. PIPELINE CO. & TRUNK LINE GAS CO. AMONG 12 COS. ASKED BY FPC  
WHY GULF-MEX. WELLS NOT IN PRODUCTION AT END OF '73-HANSEN  
F 23, A-13-5

CORRECTION ON F22 STORY; 26% WAS PRODUCTION FIGURE FOR ALL 12  
COS., NOT JUST 2 MICH. COS. JL17, A14-1

SENATE PASSED BILL TO AID IN GAS EXPLORATION.

GAS

MISC.

1913

Form 1656

0 10,22-4

ENGLAND TO CELEBRATE CENTENNARY OF DISCOVERY OF GAS AS LIGHTING POWER;  
J.M. MURDOCK DISCOVERER

Ja 5, 2-2

Helium being outfavored by Hydrogen for dirigibles.

Ag 5, 6-4

Can be used for artificial ripening of fruit, says Prof R.B. Harvey, Minn. College of Agriculture.

O 12, 12-2

Amer. Gas Ass'n at Chicago, Hears of gas delivery direct from mine to home.

--1928---

JA 29, 1-17-3 1#

PROF PETTYJOHN TO UNDERTAKE TO FIND BEST GAS COAL

O 9, 35-4

CONSUMPTION OF NATURAL & ARTIFICIAL GROWING RAPIDLY, SAYS

ALEX FORWARD

The Detroit News

--1928---

N 30,2-1 IH

VIENNA--MANTLE MAKER KARL FREIHERR AUER VON WELSHBACH,  
INVENTOR OF GAS GRATE WELSBACH ALIVE & HEALTHY IN VIENNA  
AT 70 YRS OLD D 31,2-1-7  
BRITISH CHEMIST FINDS NEW & DEADLIER GAS

Form 1656

The Detroit News Je 20, 51-5

El Paso, Tex: 2 children die, 16 other persons in hosp.  
after mysterious gas spreads over dist.

Ag 30, 8-1

Remarkable developments in the commercial use of, have  
taken place during the last decade - Sinclair

N 18, 14-6

A new generator uses bootleg rum, invention being test-  
ed by army at Camp Holabird, near Baltimore

1931

Ap 7, 4-1

Ed-Times of stress are seeming to give better gas for the  
same money.  
theory of gas molecules revised as error is found

S 22, 29-6 1Home

1932

S 4, 1-5-5 CAN

NEW GAS FOR USE AGAINST THUGS MAKES VICTIMS SEASICK

-----1934-----  
G V DOWDING PROPOSES GASING ENGLAND WITH HEALTH GIVING GAS TONIC  
N 4,2-5-3  
D 1,23-1  
SAN MARCOS, TEXAS-SAMPLES OF NON-INFLAMMABLE GAS, PROCURED NR HERE, SENT  
TO US BUR OF MINES FOR TEST; POSSIBLE HELIUM DEPOSIT SEEN

-----1935-----  
SAN DIEGO-FRED KNOWLES, SERA WORKER MAKES MACHINES WHICH MAKES GAS  
OUT OF CITY GARBAGE  
MR 10.1-15-4 1\*  
AM.MEDICAL ASSN.OFFERS SOBERING GAS FOR PASSER-OUTS  
N 27,4-4

-----1936-----  
SCIENCE HAS FOUND NO SUBSTITUTE FOR NOSE AS DETECTOR OF LEAKING GAS  
AP 26, 1-26-5  
-----1937-----  
JE 1,6-6

HAROLD OHLGREN DISCOVERS METHOD TO OBTAIN GAS IN COMMERCIAL QUANTITIES  
FR HAY, CORNSTALKS & CLOVER  
D 15,39-8

ANNISTON,ALA.; JACK REESE, HI SCHOOL STUDENT, MAKES GAS WITH ALUMINUM  
TOKENS  
-----1942-----  
N 13, 4-4

WPB BANS DELIVERY OF GAS FOR NON-RESIDENTIAL EQUIPMENT INSTALLED AF-  
TER NOV.30  
D 2, 25-1

USERS OF LIQUEFIED PETROLEUM GAS AS FUEL URGED TO BUILD UP SUPPLIES  
-----1943-----  
JA 3, 4-12-1

INDUSTRIAL USERS MUST OPERATE SUBSTITUTE EQUIPMENT.-JUL 17, 3-7  
AMER GAS ASSN WARNS OF SHORTAGE DURING COMING WINTER  
O 30, 2-3

ALABAMA'S SUPPLY HIT BY COAL STRIKE

GAS :

1945

F 5, 19-1

THREE DAY, SEVEN STATE BAN TO END TODAY

---1946---

JA 3, 1-6 BS 2

GAS PRESSURE CUT IN LONDON

---1947---

S 16, 1-1

JACKSONVILLE BEACH-OCEAN SENDS A GAS WHICH MAKES FLORIDIANS SNEEZE

---1948---

JA 21, 2-4 BS2

COLUMBUS-GAS VALVE MISTAKE PERILS 1,000 HOMES

JL 1, 2-6

3 CANS LETHAL GASES STOLEN BY THIEVES-LOWELL, MASS.

- N 30, 34-1 BS 2

GAS SALE REVENUES UP 9% IN THIRD QUARTER

---1951---

Ag 13, 15-3

OHIO STATE U. SCIENTISTS DISCOVER PRESENCE OF 2 NEW GASES IN EARTH'S ATMOSPHERE, CARBON MONOXIDE & METHANE

---1959---

JE 18, 57-7

GEN R J WOOD TELLS SPACE CONF OF HARMLESS GAS WHICH KO'S ENEMY-PIPP

---1967---

S 18, B-9-4

TOULON, FRANCE-2ND OF 3 CHEMISTS WHOSE LUNGS BURNED BY SECRET EXPERIMENTS ON A NEW GAS DIED-INJURED SEPT. 2 IN PLANT IN MONTIBELLER

PUERTO RICO-GAS LEAK ABOARD OIL TANKER, WILLIAM P. STEEL, -CAUSED DEATH OF CAPTAIN AND-TWO CREWMEN

---1973---

MY 3, A-20-1 FINAL

FT. LAUDERDALE, FLA-SCHOOL CHILDREN EVACUATED AS FUMES LEAK IN RR FREIGHT YARD OF DANGEROUS CHEMICAL

-1992

My 21 A 9-1

Safety tips if you smell gas in your home or business.-Wowk

My 21 A 9-1

Gas lines do not necessarily become dangerous with age if they are adequately maintained-Deep S 21, E-2-4

New clean air regulations fuel idea of landfills as great energy source-St.John -1993-

JL 19 C 3-2

Fiber-rich foods are good for you, but it accompanies some intestinal gas-Hofsess

GASATAY, ALICE ELIZABETH:

LECTURER

1936

Form 1656

D 5,11-8

LECTURED ON TOWN HALL SERIES, DET., DEC. 4

GASBARRINI, ANTONIO - MEDICAL PROFESSOR

1954

ABOVE IS ATTENDING POPE ---1963---

N 13, R-11<sup>4</sup>-4, 2-3

BOLOGNA, ITALY-DIED NOV.13, AGE 81

GASCAR, ARTHUR - DETROIT - MURDERED

1951

JL 9, 8-6  
MRS ELORES LOUTIER, MOTHER OF 5, ADMITS KNIFING ABOVE TO DEATH

GASCH, EARL : FIRE BUG

1927

D 7, 41-7

Admits conspiring to burn Studebaker plant at  
W Jefferson and Clark aves. D 8, 2-1

Rejected for membership in fire dept. he starts 4 blazes  
at Studebaker plant. D 17, 7-2

Pleads guilty D 16, setting 3 fires Studebaker plant;  
sentenced 5-15 yrs. Jackson. D 20, 22-6

Sentenced to 2-10 yrs. at Ionia and not 5-15 yrs. as  
erroneously reported in the News.

1969

GASCH, OLIVER: JUDGE

AP 3, B-5-1

WASH- ISSUED SUMMARY JUDGMENT ON 3 NATL. GUARD OFFICERS CALLED TO ACTIVE  
DUTY IN AF DURING PUEBLO CRISIS WERE MOBILIZED ILLEGALLY

-1978-

O 11, B-6-5

RICHMOND- ADMITS GIVING \$500 TO CAMPAIGN OF FRIEND JOHN W  
WARNER

-1979-

O 18, A-1-6

DC- RULED THAT CARTER ALONE CANNOT DISSOLVE TREATY WITH TAI-  
WAN

-1980-

JL 15, B-1-5

DC- REFUSED TO REDUCE JAIL TERM FOR CONVICTED CHARLES DIGGS

GASCO, LEONARD: RAPIST

1988

My 27 B-3-1 N

freed from prison 6 mos. ago because his rape conviction was overturned on technicality has been chgd with attacking 17 yr old high school student.

GASCHO, EDGAR : ARMED SERVICES

1945

MR 4, 1-9-3

AP 12, 25-3

WOUNDED IN ACTION

WOUNDED IN ACTION

L.J. GASCHO FURNITURE CO.

1996

Ap 9 B-1-2

Mennonite Lyle Gascho han works wood furniture for Art Van-Smith

1965

GASCO, LEONARD - RAPIST

F 2, D-8-7

20, OF LAPEER, IDENTIFIED BY, AT LEAST 5, OF 15 FLINT AREA WOMEN RAPE  
VICTIMS

JE 29, C-12-1

FLINT-SENTC 10½ TO 25 YRS IN STATE PRISON FOR RAPE

AG 15, 28-4

PPTD BRITISH AMBASSADOR TO MOSCOW

-----1953-----

MR 12, 25-2 NITE

PAY'S CALL ON RUSSIAN FOREIGN MINISTER V.M. MOLOTOV MR. 11TH

MR 30, 10-7

ABOVE'S PLANNED TRIP TO MOSCOW POSTPONED

**GASCOIGNE, LOUIS - PIONEER DETROITER**

**1930**

Form 1656

The Detroit News

Ag 2, 6-8

His part in establishing Det. Fire dept.-

Jackson

---1935---

JL 7,5-15-2

MARKS 50TH ANNIV AS HEAD OF FIRE ALARM SYSTEM IN CITY

--1939--

D 13,12-3

TO RESIGN FR DET.FIRE DEPT.JAN.1

---1961---

Mr 7, 8-11-1

OBIT;DIES AT 98 YRS OF AGE MR 6TH IN DETROIT

GASCOIGNE, MRS. LOUIS: HISTORIC MEMORIALS SOCIETY

1944

Form 1656

JEX28, 12-5

CHOSEN PRESIDENT

---1960--- MR 13, B-8-2

OBIT;WIFE E.M, DIES AT 45 YRS OF AGE MR 11TH IN DETROIT

GASCOIGNE, LIEUT. RICHARD F. - OCEANSIDE, CALIFORNIA

1947

JE24, 6-2

AG 20, 8-4

TRIAL SEPT 2-0 9, 30-1

TO BE TRIED BY NAVY CRT MARTIAL ON CHG MISTREATING FELLOW PRISONERS  
CHGD MISTREATING FELLOW PRISONERS WAR: RETURNED TO DUTY AFTER BEING ACQUITTED OF CHARGES MISTREATING FELLOW  
WAR PRISONERS

GASCON, BERNARD C. JR. : INFANTRY

1944

D 27, 17-4

KILLED IN ACTION

1963

GASCON, MARTIN H. - DETROIT FIREMAN

JL 10, C-8-7

FIRE COMM.APPROVES PROMOTION OF ABOVE TO FIRE PREVENTION INSPECTOR

AG 7, R-3-8

DETROIT FIREFIGHTERS ASSN.FILES SUIT TO STOP CIVIL SERVICE COMM.FROM  
CONDUCTING QUALIFYING EXAMS FOR PROMOTIONS

Form 1656

**GRAHTS** <sup>Mt</sup> **PLEASANT 10¢ PER THOUSAND CUT IN DOMESTIC RATES**

**JA 17,15-6**

**ORDERS RATE CUT**

**Mt 5,4-7**

**GREENVILLE, MICH VOTES TO GRANT ABOVE 30 YR FRANCHISE**

**N 19,4-8 B M**

**---1937---**

**N 3,15-1**

**IS WITHOUT ADEQUATE RESERVES TO SUPPLY MT. PLEASANT & CLARE WITH NATURAL**

**GAS. CITIES PLEAD FOR HEAT**

**N 5, 20-1 C M**

**TO TAP NEW GAS SOURCE TO SUPPLY MT. PLEASANT**

**N 10,6-4**

**IS AUTHORIZED TO BORROW GAS FR CONSUMERS POWER CO TO SUPPLY MT. PLEASANT**

1973

GASDA, MARY JOSEPH: NUN

JE8, B-18-1 N

CELEBRATING GOLDEN JUBILEE AT SAME TIME THE ORDER DOMINICAN SISTERS OF OXFORD MARKS ITS 50YRS OF EXISTENCE

GASDORF, SERGT. FRANK - DET POLICE

1930

Form 1656

The Detroit News

Ja 17, 50-8

Reprimanded for making gambling raid outside his pre-

Acinct. ---1933---

Ag 24.37-2 C S

AS A DASH MAN HE PROVES HE'S A GOOD SWIMMER

---1936---

Mr 12, 47-2 NITE

PLANS TO FLOAT FROM BELLE ISLE TO BOB-LO

Ag 12,1-2

STARTED TO SWIM FR BELLE ISLE TO BOB LO AG 12 -SEIFFERT AG 12,1-7-BLST

FAILS IN SWIM TO BOB LO, 3 MILES SHORT, CONTRACTE D CRAMP-AG 13,10-4

SAME ---1937---

F 16,1-2-BLST

LOSES 50 POUNDS EATING FRUITS --1940--

MR 20,35-2

ILL WITH PENUMONIA

AP 24,1-6

INDICTED IN POLICY & LOTTERY RACKETS

AP 24, 14-2 C M

INDICTED BY GRAND JURY: IS POLICE DEPT'S "ONE MAN NAVY" -

---1942---

MY 28, 2-7

RETIRES FROM DET.POLICE DEPT.

1963

GASDORF, FRANK: WAYNE CO DEPUTY SHERIFF

~~S 26, B-13-3~~

AGE 32 OF WAYNE, REPORTED 4 YOUTHS ROBBED HIM OS PISTOL WHILE OFF DUTY  
AT JOHN R. & ADELAIDE

GASDOWICZ, PETER P. : WYANDOTTE SOLDIER

1945

MR 22, 25-1

WOUNDED IN ACTION

GASDRITZA, CARL J. : ARMED SERVICES

1945

MR 2, 21-2

JE 19, 13-4

IS GERMAN PRISONER

FREED

GASEK, STANLEY P. : ANGLICAN MINISTER

1967

N 11, A-6-1

ABOVE HAS TASK OF RELATING LARHELY NON-CATHOLIC URBAN AMER  
TO TIMELESS ATMOSPHER OF VATICAN-SCHACHERN

GASH, BOLIN

SHOOTING:..

DETROIT

1954

S 30, 51-8

POLICE SEEK ABOVE FOR THE FATAL SHOOTING OF HIS FATHER IN LAW PINK COO

GASH, GERALD JOE: MURDERED

1971

AP 9, A-4-7

KILLED B MASKED ASSAILANT WHO ENTERED HIS APT.

1978

GASH, DR ROBERT : PHYSICIAN

S 22, A-1-6

& 19 OTHERS INDICTED IN MEDICARE, MEDICAID FRAUD, KICKBACKS  
BALL & TITTSWORTH -1980- JE 17, B-2-2 W

CINCINATTI-CONVICTION UPHELD

GASH, STANTON : FIREMAN

1983

D 3, A-3-1

BOONVILLE, IND-FORMER FIREFIGHTER FOUND LIABLE & FINED IN  
DEATH OF KATHY KOHM 11 WHO WAS SHOT TO DEATH.

GASIEWSKI, STEVE : WATER DEPT.CHIEF, FERNDAL

1995

O 22 B 3-5

Ferndale-free on bond;charged with 4 counts of embezzling  
over \$100 from the city;had planned early retirement

GASINSKAYOYA, LILLIAN : RUSSIAN

1979

JA 17, A-3-1

18, DEFECTED FROM SOVIET CRUISE SHIP. WENT INTO HIDING IN  
SYDNEY, AUS.

JA 18, C-7-6

SYDNEY-WILL BE ALLOWED TO STAY IN AUSTRALIA.

GASIOREK, ALOYSIUS F. : ARMED FORCES

1945

AP 4, 17-3

AP 8, 1-9-1

KILLED IN ACTION

KILLED IN ACTION

GASIOREK, FRANK : BAR OWNER

1967

JL 6, A-19-5

ABOVE OWNER PIER 500 BAR, WYANDOTTE, WAS HIT ON HEAD WITH  
PSITOL BY 2 BANDITS WHO HELD UP HIS BAR

-1988-

Mr 29, B\_4-1

Age 77 died Mr 28

GASIOREK, JOSEPH S. : DETROIT SOLDIER

1944

D 22, 17-1

WOUNDED IN ACTION

GASIOROWSKI, IRENE:

INDECENCY CHG.: DETROIT

1956

MY 11, 60-8

GETS WARRANT CHGIN' DR. DEAN M. HAYES WITH CROSS INDECENCY WHILE SHE WAS  
IN HIS OFFICE

S 25, 23-2

DCOTRS DUE TO GIVE DEFENSE TESTIMONY FOR DR. HAYES FROM ABOVE S CHGS

S 25, 7-2 5\*

CHARGES DR DEAN M HAYES ACTED INDECENTLY-ABOVE MENTALLY ILL SAYS  
PSYCHIATRIST

O 2, 3-8

DR. DEAN HAYES RELEASED ON \$2,500 BOND

-----1957-----

MR 26, 7-4

QBO PROSECUTION OF QBOO DR. DEAN HAYES DROPPED

GASIEWSKI, EDWARD:

1945

IS GERMAN PRISONER

MR 6, 13-6  
JE 7, 25-7

FREED

1952

~~GASIOREK, STEPHEN~~ : ~~HIT RUN SUSPECT: EGOORSE, MICH~~

JE 28, 12-5

FLEES ON FOOT FROM 2 CAR COLLISION ON JE 26TH AT OUTER DRIVE & DOLPHI  
AVES.

~~-----1953-----~~

F 6, 3-2

GIVEN 1 TO 5 YRS FOR LEAVING SCENE OF ACCIDENT

GASIOROWSKI, IRENE - DETROIT

1956

My 17, 59-2

CHARGES DR DEAN M HAYES WITH GROSS INDECENCY

S 18, 2-4 5\*

JURY PICKED TO HEAR ABOVE'S CHGS AGST DR. DEAN M. HAYES

S 20, 29-4

MORE PROSECUTION WITNESSES EXPECTED AT TRIAL OF DR. HAYES & ABOVE

1944

GASIOROWSKI, STANLEY, JR - DET SOLDIER

Form 1656

JA 2, 1-11-3

WOUNDED IN ACTION

**GASIOROWSKI, STANLEY W., JR. : DETROIT SOLDIER**

**1944**

**WOUNDED IN ACTION**

**Form 1656**

**JA 14, 21-1**

**GASIORWSKI, JOSEPH - SUSPECT**

**1930**

Form 1656

The Detroit News **Ap 1, 21-2**

**Arrested Mr 31, charged with rob armed; identified by  
Jos. Hader, as bandit who held up his shoe store, Mr 8**

**Ap 2, 22-5**

**3 nurses at Providence Hospital fail to identify above  
as bandit who robbed payroll, DF 28**

1975

GASIS, DR. ALBERT - SURGEON

JE 25, C-6-1

FILED COUNTERSUIT AGST Mrs. (Maureen) ROBT. EMMONS, IN FLINT, IN  
FIGHTING MALPRACTICE CASE BY HER-LOCHBILER

-1979-

O 24, E-12-1

HIS ERROR RESULTED IN A \$170,000 OUT OF COURT SETTLEMENT  
FOR THE LADY AND VINDICATION FOR ATTORNEY S. SCHWARTZ-WALDMER

1963

~~GASKA, CASS: POLICEMAN~~

O 20, G-11-3 Z 4

ON SOUTHFIELD FORCE-WON SOUTH OAKLAND POLICE CHIEF COMBAT MATCH THIS  
YR-HAS BACHELOR'S & MASTER'S DEGREES IN SOCIOLOGY

-1981-

MY 13, A-1-5

STUDY SHOWS THAT DET POLICE RETIREES HAVE SUICIDE RATE  
10X HIGHER THAN NATIONAL AVERAGE-WOWK

GASKELL, BENTON S.: MINISTER: DETROIT

1955

JE 20, 29-3

NAMED PASTOR OF BUSHNELL CONGREGATIONAL CHURCH

---1959---

MY 19, 28-3

RESIGNS AS PASTOR OF BUSHNELL CONGREGATIONAL CHURCH.

GASKELL, DONALD : TIME-SHARING VACATION

1983

My 5, A-3-3

OF LIVONIA, LOST SUMMER VACATION & \$3,500 IN FINANCIAL COLL  
APSE OF TRAVERSE CTY MOTEL, CAPRI MOTEL-SHELLENBARGER

1942

GASKELL, HARRY L. : HIGHLAND PARK

Form 1656

E 30 3-3  
JL 7, 7-1

APPT. A CITY INVESTIGATOR FOR HIGHLAND PARK  
SWORN IN AS HIGHLAND PARK INVESTIGATOR

--1949--

0 7, 53-7

DIED OF TRAFFIC HURTS 0 6-

1972

GASKELL, LEON M. - FBI

S 14, B-12-3 D

TO ASSUME DUTIES AS ASST.SPECIAL AGENT IN CHARGE OF DET.FBI OFFICE

GASKILL, ALFRED - ALLEGED GAMBLER

1940

INDICTED BY FERGUSON GD. JURY IN	Form 1656	AP 25, 2-2
ACQUITTED IN POLICY GRAFT TRIAL	---1941---	D 16, 1-5
ACCUSED OF GAMBLING CONSPIRACY	---1944---	AG 24, 1-1
FINED \$2500 & 3 YRS. PROBATION	---1945---	N 22, 17-1

GASKILL, MRS. EARL - DETROIT

1950

ARNOLD E BALL ACCUSES MOTHER-IN-LAW, ABOVE, TAKING <sup>AG 4, 23-2</sup> 2 CHILDREN

GASKELL, HUGH - DETROIT SUSPECT

1945

PLEADS GUILTY CONSPIRACY TO VIOL MICH GAMBLING LAWS -N 6, 24-2 NITE  
FINED \$2,500 & 3 YRS. PROBATION -N 22, 17-1

GASKILL, DR. PEGGY : EDUCATOR

1982

AP 19, B-10-2D

DET REGION 4 UNIT HEAD ELECTED PRES OF 2 EDUC GPRS.

GASKILL, RILEY:

PROFESSOR: CENTRAL MICH. UNIV

1961

JL 10, R-6-5

RETURNS FROM LAOS; TELLS HOW HIS CAR WAS DESTROYED BY SHELL FIRE

1970

GASKILL, MRS ROBERT: LAY CHAPLAIN

AP 11, A-6-1

TO HUMANIZE DET GENERAL HOSPITAL RECEIVING

---1973---

AG3, C-20-7

OBIT: DIED, AGE 67

1970

GASKIN, BILLY CHARLES: ARMS CHARGE

F 11, A-9-7

41, OF PETOSKEY, HELD FOR POSSESSION OF EXPLOSIVES AND  
DETONATING EQUIPMENT---

F 12, B-2-8 RACE

REMAINS SILENT IN COURT ON CHARGES---

AP 23, C-24-1

COMMITTED TO STATE MENTAL HOSPITAL FOR 18 MONTHS AP 22

1974

GASKINS, CAMMIE - MURDERED

N 17, A-12-6

BODY FOUND BY DET. NEWS CARRIER IN WEST SIDE DET. APT.

1950

GASKIN, D. C. : STUDEBAKER CORP. OF CANADA OFFICIAL

U 3, 1-4-1 2\*

HITS FREE ENTRY OF BRITISH CARS TO CAN.

--1953--

N 19, 6522

CRITICIZES RIVAL AUTO MAKERS FOR HORSEPOWER RAT RACE

---1960---

S 13, B-12-1

DIED S 10-62

1964

GASKIN, DAVID MERVYN: SOCIETY

JE 28, E-6-6

MARRIED CAROL NOEL FOXEN JE 27

GASKIN, DEBORAH : ATTORNEY

1983

My 2, A-1-2

34 , ATTY HAS BEEN BOTH DEFENDER & PROSECUTOR IN DET COURTS.  
TO DEFEND EX-DET WATER DEPT CHIEF CHAS BECKHAM IN VISTA CASE  
--1984-- Ag 27, A-3-2

-ANKENY

VISTA COSTS INCLUDE \$250,000 TO BE PAID TO HER FRO DEFEND-  
ING CHARLES BECKHAM-ALPERT -1988- N 3 B-3-2

Named top prosecutor for state commission that investigates  
attorney misconduct.--Ankeny

-1990-

Ja 23 B 3-2

Ex-justice reopens perjury case-Grievance panel focus of  
inquiry-Goldstein

Ag 1 A-1-1

Head of Mich Atty Grievance Commission quits in midst of  
investigation into ethics of panel.--Goldstein

1990-

0 5 B 3-2

State Bar hires ex-investigator-Goldstein

—1991—

Ap 23, B-2-4 D

Judge Samuel A. Turners says she didn't break law in file-shredding-Goldstein

GASKINS, DONALD HENRY:

1976

MY18, A16-1 1DOT

FLORENCE- PLEADED INNOCENT TO CHARGES OF MURDERING 8  
PERSONS

MY30, B-10-1

SENTENCED TO DIE IN ELECTRIC CHAIR.

GASKIN, KIMBALL: FIREBOMBING

1990

N 16 B 3-2

Accused of firebombing the Blessed Candles religious goods store on W.7 Mi-attack that left two employees burned  
-DeSimone

GASKINS, LAWRENCE L: FRAUD

1990

~~Ja 18 B 3-1~~

Pontiac man arraigned on 5 counts of Medicaid fraud. He  
operates Amer Orthopedic Service, Pontiac

GASKIN, MERVYN G. - DETROIT - STEEL EXECUTIVE

1951

D 30, 1-7-3

BUYS MUSIC HALL FROM DETROIT ORCHESTRA, INC

-----1954-----

JA 19, 19-8 5\*

ABOVE NAMED DIRECTOR OF INDUSTRIAL NAT'L BANK

JA 20, 28-7

SAME AS ABOVE

D 20, 23-1

ABOVE ELECTED PRES OF TAYLOR GASKIN STEEL CORP

-----1955-----

JA 20, 3-6-1  
A 28, 13-1

ABOVE HONORED AT GPYC COMMODORE  
ELECTED PRES OF DET. MEMORIAL HOSPITAL

-----1957----- JA 28, 5-1

ELECTED PRES. BD. OF TRUSTEES OF DET. MEMORIAL HOSPITAL

-----1959----- JA 27, 23-1

ELECTED PRES. OF AMER. ORD. ASSN.

AP 22, 25-3

ELECTED TO GREATER DET. BD. OF COMMERCE -----1960----- JA 17, A-21-6

ABOVE'S NEW PUSH BUTTON PARKING LOT IN WHICH CARS STACK LIKE SANDWICHES-STODDARD

F 3, C-12-4

BOMBAY-MEETS NEIGHBOR HAZEN P. MARTIN WHILE ON DET. BD. OF COMMERCE TOUR

F 16, A-7-1

ELECTED PRES. OF BD. OF TRUSTEES OF DET. MEMORIAL HOSPITAL

-----1961-----

D 6, A-15-4

ELECTED PRES. OF AUTO CLUB OF MICH.

---1961--- D 31, A-4-4  
NAMED PRES. OF NEWLY MERGED DET. MEMORIAL HOSPITAL & SOUTH MACOMB HOSP-  
ITAL CORP.

---1962--- D 12, C-21-3  
RE-ELECTED PRESIDENT OF AUTOMOBILE CLUB OF MICHIGAN.

---1963--- D 29, B-7-5 3\*  
RE-ELECTED PRES. OF DET. -MACOMB HOSPITAL ASSN. BY BOARD OF TRUSTEES

---1964--- JE 24, A-14-5  
SAID HE CAN'T FIND SKILLED WORKERS HE NEEDS TO OPERATE HIS STEEL PRO-  
DUCTS PLANT AT CAPACITY

JE 25, A-2-5  
SAID ARTICLE IN DET NEWS ABOUT NEED FOR SKILLED WORKERS AT HIS PLANT  
BROUGHT 100 APPLICATIONS FOR JOBS BUT MOST LACKED NEEDED SKILLS

JE 26, A-3-5  
SAID LONG LINE OF JOB SEEKERS AT TAYLOR & GASKIN INCL. EACH DAY BUT  
HAVE FOUND ONLY ONE OF SKILLED LABOR-GILL

---1972--- D 6, B-9-3  
Elected to three year term on AAA board of directors---

-----1973----- AP 29, A-7-1  
Bernstein  
MUSIC HALL UNDER NEW MANAGEMENT---ABOVE SELLS TO DETROIT  
INSTITUTE OF TECHNOLOGY---CARR

-1985- S 10, A-6-1  
Age 85 died S 8

GASKIN, MICHAEL : ILL

1986

Je 19, C-1-2D

Concert to help leukemia victim take trip to Disneyland  
-Ahn age13

Je 26, B-5-4

13, died Je 25

Je 29, B-10-6

Obit.

0 29 G-1-1

NAMED pres & CEO of Prab Robots Inc of K'zoo.--Olson  
-1990- Mr 26 F 3-5

New exec bets on future of Prab-Olson J1 30 F-5-1

Died in car acc along with another Prab employee, Paul  
Lovett, 44, of Plainwell, when Gaskin lost control of  
car & hit several trees in Richland Twp.--Christian  
J1 31 E-6-2

Obituary.

BASKIN, ROSIE: COMMUNITY LEADER

1970

MY 17, A-5-1 STATE

SAULT. STE. MARIE- AIDES POOR OF COMMUNITY HERE.-SUNDSTROM

GASKIN, MRS. STEPHEN : MIDWIFE

1979

S 5, H-1-5

SHE IS HEAD MIDWIFE OF THE FARM IN TENNESSEE WHICH IS A  
HAVEN FOR THE PREGNANT-BLAIR

GASKIN, ZARONDA: BABY NEGLIGENCE

1993

J1 12 A 1-6

Infant, Kelvin Ray Doaty found alone, dead in hot apt-14400  
bl of Houston-Whittier-Grant-Hernandez-Wowk

J1 13 C 11-4

Autopsy fails to find cause of infant's death-Seymour

GASKINS, TANGELA : NAVY

1980

Ag 8, A-5-1

NAVY BOARD FOUND HER INNOCENT OF ALLEGED HOMOSEXUAL ACTS  
ABOARD USS NORTON SOUND

1944

GASKO, ANTHONY O. : INFANTRY:

---

0 15, 1-7-1

WOUNDED IN ACTION JULY 22

1971

GASKO, MRS FRED: CLUB WOMAN

~~0 1, B-3-1~~

PRES OF GREATER DET CHRYSANTHEMUM SOCIETY--HICKS

GASKO, VIKKI : VENTRILOQUIST

1998

Ag 12 D 5-4

Warren-provile; performs at churches,shelters,nursing  
homes, etc.;a christian ventriloquist-Chin

**██████ : GASLIGHT CLUB, INC.**

**1979**

**N 25, A-10-1**

**CHICAGO-ROBERT FREDRICKS GIVING AWAY IRANIAN CAVIAR. PROTEST  
SEIZURE OF AMER HOSTAGES IN TEHRAN.**

 - GASLIGHT MOTORS CORP.

1960

JA 5, B-6-1

F 7, ROTO 30

NEWLY FORMED TO MAKE REPLICAS OF 1902 RAMBLERS-WATTS

FULL-SCALE REPLICA OF 1902 RAMBLER ROLLS OF AUTOASSEMBLY LINE

1977

GASMIRE. CHARLES VA HOSPITAL PATIENT

AP22, A-3-2

TESTIFIES IN VA NURSE MURDER TRIAL OF LEONARA PEREZ  
AND FILIPINA NARCISO. GRAHAM

~~PH~~ : GAS-N-GLO CAR WASH

1980

JA 17, B-3-4

VANDALS LEFT PMPS ON, CREWS WORK TO PUMP 2600 GAL FROM  
CREEK IN DEARBORN HTS

**GASOLIN : MISCELLANEOUS**  
~~XXXX - XXXX - XXXXXX~~

1933

Form 1656

The Detroit News

**ALCOHOL-BLEND GASOLINE FOUND LESS EFFICIENT  
AAA TESTS BLEND, FINDS IT POOR QUALITY.  
BLEND FOUND UNFIT AS FUEL  
SCIENTISTS FIND DISADVANTAGES FREQUENTLY OFFSET BENEFITS**

JE 21, 11-1  
JE 25, 4-9-7  
JL 9, 1-10-7  
AG 27, 5-1-1 1\*

F 8, 35-5CITY

**JOSE VICENTE ALVAREZ MAKES AUTO FUEL OUT OF SUGAR CANE ALCOHOL**

**ALCOHOL FUEL AGITATION RENEWED ---1940---**

MY 19, 4-8-1  
AG 4, 4-12-4

**ALCOHOL MIXED WITH GAS TO PREVENT KNOCK BY DAVID A. ANDERSON**

-1977-

JL 10, E-6-2

**DC-GAS & ALCOHOL MIX RUNS CARS CLEANER, LESS DEPENDENT ON  
ARAB OIL-TERHOBST**

O 22, A-12-1

**WASH-CONG. TOLD PRES. CARTER THAT ADMIS. SHOULD BE IN FAVOR OF  
ALCOHOL & GAS MIX AS FUEL**

N 6, E-8-3

**WASH-DEVELOPMENT OF ALCOHOL-BASED FUELS AS SUPPLEMENT OR SUB-  
STITUTE FOR PETROLEUM FUELS DURING CRISIS-TERHORST**

1970

JE 5, A-2-1

SELLERS OF "GASOHOL" CAN CHARGE FOR EXTRA COST BLENDED INTO  
NEW FUEL

JL 13, C-12-3 D

DC-GOVT INTEREST IN 'GASOHOL'

Ag 13, A-18-1

SELMA, ALA.-ALBERT HUBBARD & ALBERT TURNER PRODUCING HOMEMADE AL-  
COHOL FOR FUEL, BEING WATCHED BY GOVT.-EDIT

Ag 13, A-3-2

SOUTHWEST ALA. FARMERS COOPERATIVE USING GASOHOL FUEL FROM RUIN-  
ED CROPS, AS PART OF SURVIVAL-GIRARD

S 16, A-5-4

DC-GOVT TO CONTINUE PERMITTING GASOHOL TO BE SOLD WHILE POLL-  
UTION & MILEAGE STUDIES ARE REVIEWED ON AUTO FUEL.

-1 (&-1979-

JA 11, B-2-3

LANS-BILL URGES ENCOURAGEMENT OF ALCOHOL AS MOTOR FUEL

JA 14, G-15-1

ALCOHOL-IDEA HAS COME BACK IN ENERGY-SHORT 1970'S.

JA 26, B-7-1 AM

LANS-SEN. DONALD BISHOP INTRO BILL FOR GASOHOL USE BY PROVIDING  
TAX EXEMPTION FOR FUEL AS SUBSTITUTE FOR PURE GASOLINE

JA 29, B-3-4

LANS-MICH. GETS READY TO SELL COMBINATION OF GASOLINE/GRAIN  
FOR USE

~~XXXXX~~ GASOHOL : MISCELLANEOUS  
~~XXXXX - XXXXX - XXXXXXXX~~

1979

F 11, B-12-1 HOME  
LANS-FARMERS PETROLEUM COOPERATIVE PLANS TO DISTRIBUTE GASOHOL  
TO MICH. FARMERS BEGIN THIS MONTH IN TEST F 1 7, A-3-1

1ST GASAHOL STATION OPENS IN BRECKENRIDGE, SELLS AGRIHOL  
MR 23, B-4-1-D  
LANS-LAWMAKER CALLS FOR MICH EXPERIMENT IN USE OF GASOHOL.

MR 31, A-2-1  
AP 25, B-6-1  
LOOKING AT GASAHOL-EDIT  
LANS-GRAIN FARMERS ARGUED IN FAVOR OF BILL. AP 25, C-2-5  
BARTLESVILLE, OKLA-GASOHOL ISN'T MIRACLE SOLUTION MY 3, C-12-  
IT CAN BE USED IN CHRYSLER CARS WITHOUT AFFECTING NEW CAR  
WARRANTIES. MY 16, B-2-1 ST

MY 26, A-15-2  
JE 3, A-2-1  
LANS-BILL URGES SALE IN MICH  
LANS-SEMINAR TO DISCUSS GASOHOL  
SANNARBOR-TECUMSEH PRODUCTS CO. SAYS THAT FUEL WILL HURT LAWN-  
MOWERS

-1979-

JE 13, C-2-3

MILLIKEN PROCLAIMS JUNE 20 AS MICH GASOHOL DAY-

TROJANOWSKI

JE 20, B-6-4ED

LANS-MSU PROF HERMAN KOENIG GIVES VIEW ON GASOHOL.

JE 27, A-14-2

BACKERS SAY 'TIME IS NOW'-TROJANOWSKI

JL 10, B-5-3

GM TO MAKE GENERATION OF 4-CYLINDER ENGINES WHICH CAN RUN  
ON GASOLINE, GASOHOL OR ALCOHOL.

JL 11, B-9-1W

LANS-ENERGY CHAIRMAN THOMAS J. ANDERSON WARMED UP TO IDEA  
OF GASOHOL PRODUCTION

JL 30, A-1-6

ADDISON-10 FARMERS FORM AGRIPOWERALCOHOL, INC. TO PRODUCE GAS-  
OHOL-WARREN

JL 30, B-1-4

ADRIAN-FIRM OF KEN JACOBS USES MIXTURE IN OPERATING HIS  
TRUCKS, BETS BETTER MILLAGE-WARREN

Ag 5, A-20-1

SQUEEZING THE CORN-EDIT

Ag 11, A-19-1

TO BE TEST MARKETING AS LEAD-FREE BY TEXACO, INC. IN INDIANAPOLIS  
BOSTON&NY

**GASOHOL - MISCELLANEOUS**

**1979**

- ALPHAEUS CORP. WANTS TO USE STEAM HEAT FROM ~~ED~~ DET. EDISON CO. NEW  
POWER PLANT TO MAKE GASAHOL-WARREN Ag 29, D-10-3  
Ag 30, B-1-1
- COLDWATER-KENWOOD DRAYTON, FARMER, ~~EM~~ EXPERIMENTING WITH STILL  
TO PRODUCE ALCOHOL TO FUEL FARM EQUIPMENT-WARREN S 12, D-1-1
- WASH-FED. & STATE TAX INCENTIVES TO PROMOTE SALE COULD LEAD  
TO SHORTAGES IN MOTOR-FUEL TAX REVENUES USE FOR HIGHWAY  
REPAIRS-PETERSON S 17, B-2-1E
- LANS-PRICES GOES UP & FEARS OF GASOLINE CRISIS FADE, FEWER  
ARE FUELING WITH GASOHOL. -1980- JA 7, C-4-1
- DC-PLANS FOR NEW GASOHOL PROGRAM THAT WOULD USE GRAIN WITH  
HELD FROM RUSSIA REVEALED. JA 9, F-1-3
- 2 NORFOLK, VA BUSINESSMEN OPERATE VICOTRY STILL, INC WHICH  
MAKES & MARKETS STILL TO MAKE GASOHOL. JA 9, A-9-2
- NY-EXXON DEALERS TOLD THEY CANNOT SELL GASOHOL THRU EXXON  
CREDIT CARDS.

-1980-

JA 13, A-4-4

W LAFAYETTE-U.S MAY PUSH GASOHOL WORK JA 15, A-1-3  
OFFERED AT STATION AT WARREN & TELEGRAPH-WARREN

JA 15, D-4-2

BEING SOLD AT 600 STATIONS IN 8 STATES JA 16, B-1-3

3000 GAL SOLD AT BY-RITE STATION IN DEARBORN HTS-WELLS  
F 1, B-2-1D

MSU GETS BRANT TO RESEARCH STILL FOR PRODUCING ETHANOL.  
F 1, B-6-5E

BILL TO END STATE SALES TAX INTRODUCED IN LANS. F 6, A-1-5  
DC-CITY OF HAMTRAMCK SEEKS TO TURN DODGE MAIN INTO REFINERY  
FOR MAKING GASOHOL-WALDMEIR

F 19, 11-3-15-1 AM

LANS-STATE GOES SLOW WITH GASOHOL

WASH- FARMERS LOBBY FOR FEDL BUNDS FOR FARM PRODUCTION  
OF ALCOHOL FUEL FR. CORN.  
GASOHOL MAY CREAT MORE SMOG.

F 19, B-2-1ST

F 26, B-2-5 ED

MUSKEGON-MUSKEGON Co. OFFICIALS SAY THEY CAN PRODUCE ENOUGH  
CORN TO FUEL \$1 MILL. GASOHOL PLANT

My 30, F-1-1

## EXPERTS DEBATE WHAT IT DOES TO YOUR CAR-HIGGINS

-1985-

Je 25, F-4-3

DC-tax plan will hurt farmers, Rep Bill Schuette tells  
Congress-Peterson

Jl 9, C-4-4E

It could cut grain surplus, raise prices, corn growers say  
Mallory

-1986-

Ja 13, A\_3-3

LAns-lawmakers still mull tax breaks-Martin

-1987-

F 10, A\_10-1

Gasaholics Anonymous-Edit

Mr 1, D\_1-4

Faith fuels ethanol plant-Sedgwick

-1988-

My 24 A-1-2

Cleaner-burning ethanol ignored by most drivers.--Fleming

MR 7, A-3-1

OFFERS BY TOTAL STATION ON E JEFFERSON & 1-75  
MA 10, B-2-5 D

LANS-SEN GARY CORBIN URGES CUT IN TAX AP 16, B-3-5

LANSING- SEN. JOHN HERTEL , AFTER STUDY, SAYS IT IS FEASIBLE.

MY 4, A-12-3 HOME°

WASHBURN-BOSTON GASOLINE FIRM BUYING POTATO PLANT FOR MAKING  
POTATO-BASED GASOHOL MY 6, B-2-1STST. LOUIS-FIRM TO LOCATE GASOHOL PLANT IN ALMA, MICH INSTEAD  
OF ST. LOUIS. TRACES OF PBB DETECTED AT ST. LOUIS SITE.

JL 19, C-2-4

DET AREA REFINERY SITE SOUGHT-TSCHIRHART S 20, A-1-1

DC-ALMA PLANT WINS U.S FINANCING-PETERSON O 10, B--2-3AM

CONSTRUCTION OF SYNTHETIC FUEL PLANT SET TO GET UNDER WAY IN  
MARYSVILLE, MICH IN SPRING-SCHABATH

-1980-

O 24, A-7-1

SAGINAW-GROUNDBREAKING FOR GRAIN ALCOHOL PLANT IN ALMA. IN-  
LAW OF REP DONALD ALBOSTA IS AN INVESTOR N 3, B-1-5AM

MICH SUGAS Co SET TO CONVERT SUGAR BEET PLANT TO FUEL ALCO  
HOL PLANT-WARREN D 3, B-2-2W

LANS-BILL PROVIDING TAX BREAK TO ENCOURAGE USE WON APPROVAL  
IN STATE SENATE.

-1981-

MR 19, B-2-3ST

LANS-BILL SEEKS TO BAN USE OF WOOD ALCOHOL TO MAKE GASOHOL

MR 30, B-2-1 ED

KENWOOD DRAYTON OUT OF GASOHOL BUSINESS-O'BEEA

JE 16, B-3-1 AM

LANS-GASOHOL TAX FACES A REVIEW

JL 14, B-2-1D

MORE THAN 200 MICH GAS STATIONS NOW SELL GASOHOL-WARREN

JL 15, B-8-1

TRADE ASSN-MICH ALCOHOL FUELS ASSN FORMED TO REP MICH PRO-  
DUCERS, DISTRIBUTORS & MARKETERS

RETAILERS FINDING FEWER CUSTOMERS-HENIGSON S 9, C-1-6  
ALMA-AGRI-FUELS INC SET TO PUMP ITS 1ST GALLON OF GRAIN  
ALCOHOL. BUT BUSINESS COULD BE BETTER-WILLING. O 20, A-1-1

TOTAL CHANGES GASOHOL NAME, JACKS UP PRICE-WARREN N 6, A-3-6  
-1982- D 14, B-12-1D  
TOTAL PETROLEUM ADDS ALCOHOL TO ITS GASOLINE-WARREN  
D 26, A-4-1

LOSANGELES-GASOHOL'S 'DISGUISE' BRINGS SALES BOOM  
-1983- Ag 9, A-6-1  
DC-WASHINGTON POST SAYS REP DONALD ALBOSTA TRIED TO AID  
RELATIVE S 22, A-3-5  
INCREASE IN GASOHOL SALES TO COST STATE MORE THAN \$18 MILL  
ION IN LOST GASOLINE TAX REVENUES-WARREN

-1983-

N 22, B-4-4D

LANS-MICH GAS STATIONS TO LABEL PUMPS OFFERING ALCOHOL -GAS  
OLINE MIXTURE.

D 12, A-1-1

TAX BREAKS ON GASOHOL SENT STATE'S TREASURY-MARTIN

-1984-

JA 7, A-3-3

17 DET AREA FUEL DISTRIBUTORS CHGD WITH SELLING GASOLINE  
CONTAINING ILLEGAL AMTS OF ALCOHOL. LISTED.-WARREN

JA 30, A-8-5W

GASOHOL BACKERS CRITICIZE CHARGES AGAINST BLENDERS-WARREN

F 12, A-1-1

BRONSON-FIGHT SHAPES UP OVER TAX CREDIT ON GASOHOL SALES-

ROBINSON

F 22, G-6-5D

S'GATE GASOLINE RETAILER JOHN BARNETT & OTHERS WARNED FOR  
SELLING ALCOHOL-BLENDED FUEL WITHOUT LABELING PUMPS-VLASIC

My21, A-8-1

PLAYING FAIR WITH GORN FARMERS-EDIT

1993

GASOHOL: MTSC

D 15 A 5-1

ClintonAdm to require ethanol products be used in smog  
reducing gasolin for most polluted cities

**GASOLINE: ADDITIVES**

**JA 16, A-14-1<sup>1969</sup>**

**DEICERS UNNECESSARY IN NEW CARS-IRVIN** JL 31, C-8-4  
WASH-NATIONAL AIR POLLUTION CONTROL ADM. HAS PROPOSED  
REGULATIONS TO REQUIRE REGISTRATION OF ALL FUEL ADDITIVES-

**--1970--**

**MR 14, A-10-7**

WASH-REP. W. R. POAGE SUGGESTED AUTO INDUSTRY INVESTIGATE  
IF GRAIN ALCOHOL ADDITIVE TO GAS COULD FIGHT POLLUTION.

**AP 22, D-7-7**

L.A- CITIZEN GROUP FILED \$ 30 MILLION LAWSUIT AGNST STND  
ARD OIL CO. CLAIMING FIRM FALSELY ADVERTISES ITS NEW GAS.  
ADDITIVE F-310 AS SMOG FIGHTER.

**--1974-**

**MY 7, A-5-1**

**CHRYBLER CORP. RESEARCH SHOWS ETHYLENE DIBROMIDE, NOT LEAD,  
MAY BE TO BLAME FOR CATALYTIC CONVERTER FOUL-UPS-IRVIN**

**D19, A-2-1 RACE**

2 OF FIRMS TOLD TO HALT CLAIMS, STANDARD OIL AND CROWN  
CENTRAL PETROLEUM CORP. -1977---

**AP 5, A-1-2**

**DC-OIL FIRMS WARN OF GAS SHORTAGE IF MMT BANNED-PETERSON**

---1977---

My 31, A-6-1

WASH-~~GOVT.~~ TASK FORCE CONSIDERS \$15 MILL. PROG. TO TEST GASOLINE  
ADDITIVES

---1978---

MR 22, A-6-1 IDOT

WASH-OCCUPATIONAL SAFETY & HEALTH ADMINIS. STEPPED UP PROBE OF  
ADDITIVES AS BEING CANCER-CAUSING

My 11, A-1-4

REV J LLOYD TOMER USING ELVIS JET, SELLS 'ADD-A-TUNE' GAS  
ADDITIVE TO RAISE FUNDS-GAYDOS

S 13, B-8-3

WASH-EPA BANS NO-LEAD GAS ADDITIVE, MMT, PRICES TO INCREASE

S 18, A-18-1

BANNING OF MMT BY EPA WAS PREDICTABLE RESULT-EDIT

---1979---

JE 3, A-3-4

WASH-EPA SUSPENDED BAN ON ANTI-KNOCK ADDITIVE MMT FOR UNLEAD  
ED GASOLINE-PETERSON

AG 6, A-1-1

TENN. MECHANIC HENRY McMAHAN POURS WATER INTO HIS CAR ENGINE  
SAYS IT GETS HIM AN EXTRA 2-5 MILES PER GALLON-TRELOAR

-1984-

JA 7, A-3-3

17 DET AREA FUEL DISTRIBUTORS CHGD WITH SELLING GASOLINE  
CONTAINING ILLEGAL AMTS OF ALCOHOL. LISTED-WARREN

1978

GASOLINE : ADDITIVE

N 15, A-13-2-<sup>AM</sup>

MIDLAND-DOW LABELS AS UNACCEPTABLE STUDY WHICH SAYS AN ADDITIVE PRODUCED BY DOW CAUSES CANCER.

1999

J1 27 A 5-5

DC-Govt.to recommend reduction in amt. of MTBE chemical in gasoline;could cause cancer;will raise gas prices

GASOLINE : AERO

1947

NAVY SAYS NEW AVIATION GAS ADDS MOTOR POWER

D 30, 11-7

---1948---

AERO RESEARCH COMM REPORTS NEW TYPE GAS TO AVERT FIRES

MY 10, 19-2

GASOLINE : ADULTERATED

1938

Form 1656  
RETAIL GASOLINE DEALERS' ASSN. OF MICH SEEK DET. AID IN DRIVE VS.  
ABOVE -1983- F 6, 1-13-8  
Ag 12, B-4-10

**LANS-3 STATE DEPTS START CRACKDOWN ON SALE OF ADULTERATED  
GASOLINE**

GASOLINE \* AFRICA

1929

Form 1656

The Detroit News

Ja 5, 3-1

of 38,000,000 gals imported, 21,000,000 from U S

GASOLINE : ANESTHETIC

1941

Form 1656

F 11, 1-5

UNIV. SOUTH CAROLINA DISCOVERS GAS FUMES GOOD ANESTHETIC

GASOLINE : ARGENTINA

1947

BUENOS AIRES-~~STRIKE~~ CUTS SALE OF GAS

N 13, 39-3 BS 2

GASOLINE: ARIZONA

1974

JA 23, C-10-1

TUCSON-FAMOUS 'TRIPLE T' TRUCK STOP CLOSED OVER WEEKEND  
AFTER RUNNING OUT OF DIESEL FUEL-IRVIN

GASOLINE - ARKANSAS

1934

Form 1656

AG 3, 6-4

ARKADELPHIA CITY STARTS GASOLINE STATION

GASOLINE - ATOMIC

1955

ESSO RESEARCH AND ENGINEERCO. ANNOUNCES PRODUCTION OF ABOVE

N 23, 26-2 1H

GASOLINE : AUSTRALIA

1941

Form 1656

F 23, 5-1-1 1\*

TESTS SHOW PHELLANDRENE WILL TURN 2ND GRADE GASOLINE INTO ANTI-KNOCK

GASOLINE : AUSTRIA

1949

AP 22, 41-3  
REPORT SOVIETS CUT OFF GAS SUPPLIES TO YUGO LEGATION IN AUSTRIA.

GASOLINE : AVIATION

1940

Form 1656

D 30, 25-6

WM. S. FARISH URGES EXPANSION OIL INDUSTRY'S EQUIPMENT FOR PRODUCTION  
ABOVE

GASOLINE: BELGIUM

1956

BRUSSELS-GOV'T BANS DRIVING ON SUNDAY DUE TO GAS SHORTAGE

D 1, 3-3

--1973--

N 6, A-10-1

BRUSSELS-JOINS NETHERLANDS IN BANNING SUNDAY DRIVING TO MEET  
ARAB CUTBACK OF OIL SUPPLIES

N 12, B-6-3

BRUSSELS-BELGIAN GOVT BANNED DRIVING ON SUNDAYS STARTING N 18

GASOLINE: BRAZIL

1955

IL 13, 56-5  
RIO-BOLIVIA SIGNS PACT SELL ABOVE 3,8 MILLION GALLONS OF GASOLINE

**GASOLINE BULLETIN**

**1979**

**4 MY 25, B-1-1**

**SERIES TO BEGIN TODAY AS NEW FEATURE**

GASOLINE:

BY-PRODUCTS

1939

Form 1656

AP 5,1-5

SCIENTISTS PRODUCE GLYCERINE FROM GASOLINE WASTE

GASOLINE: CALIFORNIA

1945

28,000 <sup>GALLONS</sup> RUSHES INTO HARBOR FROM BROKEN 8 INCH PIPE

JE 14, 4-1

---1952---

D 11, 12-3

TRUCKEE-MAIN STREET OF TOWN FLOODED WITH 7,000 GALLONS OF GASOLINE WHEN  
GAS TRUCK OVERTURNS

---1960---

D13, A-19-1

RICHMOND-GASOLINE LEAK THREATENS TOWN

---1970---

JA 31, A-8-1

LA-STANDARD OIL OF CALIFORNIA STARTS SELLING GAS WITH  
LESS AIR POLLUTION DAMAGE HERE---

-1973-

MY 17, C-10-1

LONG BEACH WARNS GASOLINE SUPPLIERS.

MY28, A-2-4

OAKLAND, CALIF---HENRY CRAIGS, 50 SHOT TO DEATH BY MOTORIST  
HERBERT BARR 43, AFTER HE REFUSED TO FILL HIS GAS TANK  
AGAINST WITHIN 24 HOURS

JE17, A-21-1

LOS ANGELES---OFFICIALS ATTACK TRAFFIC CONTROL PLAN TO  
CLEAN AIR

N 28, A-1-1 RACE

PICTURE OF RINGS STRANDED FOR 5 DAYS WITH EMPTY FUEL TANKS  
AT HIGHWAY TERMINAL IN SAN JOSE WHEN DIESEL FUEL RAN OUT

-1979-

MY 2, C-2-1

ALONG THE PACIFIC COAST HIGHWAY-FUEL SHORTAGE A WEEKEND

REALITY-DUTHIE

MY 3, D-1-1

LA-FEWER CARSON FREEWAYS SEEKING OPEN STATIONS ON SURFACE  
STREETS-CHEN

MY 5, A-1-4

DES MOINES-CARTER SAID CRITICAL GASOLINE SHORTAGES LIKE THOSE  
IN CALIF WILL HIT OTHER PLACES THIS SUMMER.

MY 6, A-19-1

LA-SCATTERED REPORTS OF VIOLENCE AMONG DRIVERS WAITING IN  
LONG LINES AT STATIONS.

MY 7, A-3-3

MOTORISTS LEFT CARS WITH EMPTY TANKS PARKED IN LINES AT  
GAS PUMPS

MY 7, A-3-6-AM

SITUATION WORSENER, REPORTS OF VIOLENCE FLARING AT PUMPS &  
SOME DRIVERS WAITING HRS AT PUMPS.

MY 8, A-1-4

GOV BROWN INSTITUTED AN ODD-EVEN GASOLINE PURCHASE PLAN.

STATIONS TO FLY WARNING FLAGS IF THEY DON'T HAVE GASOLINE.

MY 8, A-15-3AM

GASOLINE CONSUMPTION TO BE CURTAILED IN AREAS SUCH AS LA.

MY 9, A-19-1

SACRAMENTO-GOV. BROWN SIGNS PROCLAMATION TO SIGNAL START OF  
ODD-EVEN SALES.

LA-GROUNDED DRIVERS LOOK FOR CAUSE-RIFKIN MY 13, A-3-1

MORE STATION TO PUMP WEEKEND GAS MY 14, A-4-5  
MY 16, D-13-1

BASEBALLER DUSTYBAKER ALMOST MISSEDX GAME BECAUSE HE  
COULDN'T FIND ANY GAS MY 16, A-3-4 AM

GOV BROWN ORDERED GAS STATIONS TO BE OPEN WEEKENDS

DC-CARTER PROMISES TO GET GAS FOR CALIF MY 17, A-1-5  
STATION OWNER HYEOUN HAN ARGUES WITH CUSTOMER MY 18, A-3-1  
PUMPS GAS ON GROUND MY 18, A-1-8-AM  
LA-SEVERAL CACHES OF GASOLINE DISCOVERED. MY 18, A-3-5-AM

GOV. MILLIKEN WANTS ALL STATES CONSULTED BEFORE ANY ACTION  
TAKEN TO INCREASE ALLOCATION TO CALIF. MY 25, A-16-1

BIG BUSINESS FOR MAN WHO ADDS EXTRA GAS TANKS TO CARS-EDIT

---1979---

JE 7, A-22-1

BEATING GAS LINES IN LA, CALIF.-EDIT

JL 1, A-3-1

LA-MASS TRANSIT RIDERSHIP IS HIGHER THAN EVER.-ELIAS

1937

GASOLINE : CANADA

Form 1656

NEW REGULATIONS ON SALE &amp; DISTRIBUTION IN EFFECT

F 10, 35-8 NITE-W

IN WINDSOR F 9

AP 22, 47-4-NITE

ACR BARRING SERVICE STATION OPERATORS FR SELLING

GASOLINE EXCEPT IN

APPROVED CONTAINERS, GOES INTO EFFECT ---1940---

AP 27, 2-2

GASOLINE SHORTAGE REPORTED IN BRITISH COLUMBIA

---1941---

MY 1, 1-7 CM

3 CENT TAX BRINGS PRICE TO 31C A GALLON

S 28, 1-14

WINDSOR-HALF OF LOCAL STATIONS OUT OF GAS

---1942---

AP 9, 1-5

TOURISTS CANNOT TAKE EXTRA GAS TO CANADA

---1944---

JA 7, 1-4-2

DETROIT MOTORISTS FILL UP TANKS IN WINDSOR

---1945---

S 27, 1-8

MRS CATHERINE PRIEST FINDS MAN WHO'LL TELL WHERE TO GET IT FOR A DIME

28, 1-2

30,000 GET GAS TANKS FILLED IN WINDSOR

---1973----

JE 24, B-13-1

OTTAWA---POLITICS ENTERS ENERGY CRISIS---

TRUDEAU BOWS TO

PRESSURE---WARD

JL 15, E-3-1

CANADA FACING ENERGY CRISIS-EDIT.

---1912---

JL22, D-10-1

WINDSOR HAS AMPLY SUPPLY OF GASOLINE---DOUGLAS

Ag7, A-8-1

MARINE CITY, MICH.---CANADIAN GOVERNMENT ISSUED EMBARGO  
ON EXPORTATION OF GASOLINE TO U.S.---BROGAN N 27, A-2-1

OTTAWA-CANADA ENERGY CURBS LIGHT IN RESTRICTIONS-WARD  
N 30, A-6-4

CANADIAN CUSTOMS OFFICIALS ASKED TO MONITOR AUTO TRAFFIC  
FROM US D 2 TO DETERMINE IF INCREASED NUMBERS OF AMERICANS  
COMING OVER TO FILL GAS TANKS

--1914--

F 28, A-1-3

FAST FILL-UPS AVAILABLE FOR VENTURESOME DETROITERS IN WIND-  
SOR-BURDOCK

Mr 3, J-1-1

ONT.MINISTRY OF INDUSTRY&TOURISM LURING TRAVELERS WITH  
PROMISE OF LIMITLESS GASOLINE-GAINOR Mr 17, A-6-1

TORONTO-GLOBE&MAIL NEWSPAPER CLAIMS WARNING BY AMBASSADOR  
TO WASH. KEPT IT FROM USING AD LURING AMER. TOURISTS WITH ABUN-  
DANT GAS

Mr 18, A-6-1 180T

TORONTO-SAME

1974

GASOLINE: CANADA

MR 19, A-10-1

BACKGROUND ON& PIC OF TRAVEL AD BECKONING AMERICANS WITH  
PROMISE OF ABUNDANT GAS-GAINOR -1979-

MY 9, A-1-4

WINDSOR STATIONS EAGER TO FILL UP TANKS OF US MOTORISTS-  
ILKA

MY 14, A-18-1

THE WINDSOR ALTERNATIVE COSTLY IN OTHER WAYS-EDIT

MY 14, B-1-5

CANADA DEALERS AWAIT U.S BOATERS-BRADFORD

MY 16, A-3-6 AM

OTTAWA-CANADA WEIGHS GAS CURBS ON AMERICANS-WARD

MY 25, B-4-5 ED  
JE 30, A-21-1

'CHEAP' CANADA GAS LURES YANKS  
CANADA'S LIKELY TOURIST BOOM-EDIT

--1979

JL 9, A-1-2

PLENTY OF GAS IN CANADA  
HAPPY ABOUT SELLING IT TO BUT SOME RESIDENTS NOT  
US.-WENDLAND.

-1980-

F 4, B-2-1AM

MANY FROM DET DRIVING INTO CANADA TO TAKE ADVANTAGE OF REAL  
BARGAIN.-WARREN

JL 3, B-4-1AM

GASOLINE NO LONGER DUTY FREE-BULGIER

JL 10, A-18-1

STRANGE CUSTOMS-EDIT

-1981-

AP9, B-1-1

GAS TAX PLAN CANT STIR WINDSOR, SARNIA MAYORS-WARREN

AP 22, A-14-1

GAS AT THE BORDER-EDT

1996

GASOLINE : CAP

Ag 29 C-5-1

Spare Key Gas Cap has theft proof compartment for keys or money-Graves

GASOLINE - CHILE

1931

Form 1656

The Detroit News

Ag 28, 17-2

Govt. orders duty on pure product; orders alcohol be mixed

GASOLINE : CHINA

1942

BUS SERVICE IN SO'WEST CHINA HALTED BY GAS SHORTAGE <sup>Form 1656</sup> AP 15, 8-7  
**TO BUILD 25 REFINERIES** ---1948--- <sup>AP 28, 1-7</sup>  
SHANGHAI CUTS PRIVATE GAS CONSUMPTION FR 60 TO 10 GALS.PER MTH. <sup>0 4, 28-7</sup>

-1981-  
PEKING-GAS GUZZLERS IN CHINA TOO

D 27, A-9-2

DR R W KREBS SAYS COAL GAS SOURCE AMPLE

LELAND OLDS, FPC, TELLS SOLUTION TO FUEL CRISIS

DR GUSTAV ENGLOEF, CALS COAL LIQUEFICATION COST TOO HIGH

LOUISIANA, MO. - US DEDICATES NEW CONVERSION PLANT

GOVT. PLANTS EXTRACT GAS FR OIL - EDIT

LIQUID FUEL PLAN PUSHED IN WEST

AP 6, 30-7 BS 2

MY 10, 20-4

M. HAYDEN MY 22, 12-3

MY 9, 13-4

MY 12, 32-1

N 14, 29-4

---1950---

BUR MINES BLDG DEMONSTRATION PLANT AT LOUISIANA, MO TO MAKE ABOVE

OIL INDUS. TAKES DIM VIEW GOVT PROPOSAL FOR COMMERCIAL PROD. GASOLINE FROM COAL

---1965---

O 21, D-11-1

PITTS- PROSPECT OF CHEAP AUTO GRADE GAS FROM COAL SEEMS NOW WITHIN REACH-TECHNIQUES TO GET COAL'S HYDROCARBONS TO MAKE GAS ARE KNOWN-LAWSON

---1967---

MY 31, C-14-5

CRESAPW. VA-PROJECT GASOLINE LAUNCHED BY FED GOVT & PRIVATE INDUSTRY-TO EXTRACT GAS FROM COAL

---1973---

S 14, A-8-1

U-UTAH SCIENTISTS DR. WENDELL H. WISER & DR. ALEX G. OBLAD THINK US MIGHT GET LIQUID FUEL FROM COAL BY 1985

-1-9-7- 8-

0 11, B-7-1

DC-CAPTURES NAZI DATA MAY HELP U.S MEET ENERGY NEEDS-  
PETERSON (TURNED COAL INTO GASOLINE)

GASOLINE - CODE

1935

Form 1656

JA 11.38-3

DEALERS SUPPORT NATIONAL OIL CODE

6,000 GALLONS OF GASOLINE POLLUTES FARM WELLS JL 22, 1-6

-----1955----- JA 21, 3-5  
FT. COLLINS--SELF SERVICE GASOLINE PUMP GOES NUTS HERE & GIVES OUT WITH  
FREE GAS --1973-- JL 11, A-1-4

GROUP OF DENVER HOUSEWIVES RIDE HORSEBACK TO SUPERMARKET  
TO DEMONSTRATE FUEL SHORTAGE

JL22, B-17-1

DENVER SHOWS HOW TO COPE WITH GASOLINE SHORTAGE---RAWITCH

---1973--- Ag2, A-22-1 RACE  
DENVER---AAA SAYS N IT WILL NOT STOP WARNING MOTORISTS  
OF COLORADO'S GASOLINE SHORTAGE DESPITE CRITICISM FROM  
MOTEL OWNERS Ag6, B-8-2

DENVER---GASOLINE STATIONS TURNING AWAY SUNDAY DRIVERS

Form 1656

D 17, 22-2

FRANCIS H. EMERSON, WAYNE U., SAYS COLD, NOT INFERIOR GAS, IS RESPONSIBLE  
FOR LESS MILEAGE. ---1949---

JA 13, 58-1

M.S. JAMES URGES ENGINEERS USE THEIR KNOWLEDGE TO CUT GAS MILEAGE  
LOSS

---1955---

JA 30, 7-8-1

NEW GASOLINES SOLVE OLD MOTORING PROBLEMS- U IDZUN

GASOLINE: CONFERENCE

1937

Form 1656

D 2,2-2-BLST

NATL.CONF.IN CHICAGO DEC.20 & 21

GASOLINE: CONNECTICUT

1970

THOUSANDS OF GALLONS GUSHED FROM BARGE TIED AT TENNECO OIL  
CO FACILITY SPREADING INTO CONN RIVER & CAUSING 6 HR ALERT  
--1974-- N 8, A-6-4 5DOT  
MY 30, A-3-5

NEW BRITAIN-1000 EVACUATED AS FIREMEN FLUSH OUT SEWER PIPES  
TO RID THEM OF GAS FUMES

GASOLINE - CONSUMPTION - ~~USE~~.

1927

10 million gallons used in 1926, A.A.A. says

0 23, 10-1-5

## GASOLINE - CONSUMPTION

1928

F 17, 4-1

Ed.- Effect of new model motors on above &amp; oil use.

Mr 25, 10-1-5

1927 averages higher than before: data.

My 27, 10-1-8

America's gas bill 1927  $2\frac{1}{2}$  billion; other data.

---1937---

OM 11,25-5

10 BILLIONS CONSUMED IN 1ST 6 MOS. OF 1937

---1939---

F 9,38-8-BLST

NEW HIGH SET IN US IN 1938, 521,677,000 BARRELS

1943

GASOLINE: CREDIT

Form 1656  
ABOLISHED FOR SERVICE STATIONS STARTING F 1  
EVEN CREDIT CARDS OUTLAWED BY FEDERAL ORDER  
CREDIT BAN EFFECTIVE TODAY.

JA 30, 4-8  
JA 31, 1-4-1  
F 1, 1-7

GASOLINE: CUBA

1960

JL 9, A-5-4

UAR TO SHIP GASOLINE TO CUBA DURING U.S. BOYCOTT

GASOLINE - CZECHOSLOVAKIA

1956

~~JE 29, 3-5~~

BLACK MARKET THRIVES

--1969--

Ag 17, A-19-1Hon

PRAGUE-AUTHORITIES CHECK PANIC BUYING OF GASOLINE-

GASOLINE : DEALERS : COST SURVEY

1938

Form 1656

JE 26, 1-4-8 2\*

MEETING OF RETAIL GASOLINE DEALERS' ASSN. TO DISCUSS COST SURVEY

GASULINE : DEALERS : DETROIT

1939

Form 1656

MY 14, 1-2-6

W H HARTMAN SAYS NEW ASSN OF RETAIL DEALERS BEING FORMED

---1941---

MR 12, 33-8

REP W G HOOPER INTRO BILL TO REQUIRE ABOVE POST "NO BRAND" SIGN IF  
GAS SOLD IS NOT OF A KNOWN BRAND

Form 1656

JA 8, 12-3

RANKIN P PECK TO DIR EFFORTS TOWARD COMPLIANCE WITH NEW FAIR TRADE  
PRACTICE BILL-RUDOW

---1941---

JA 28, 16-4

SEN. PASSES BILL FOR STATE TO PAY PREMIUM ON BONDS REQUIRED FR WHOLESALE  
GAS DISTRIBUTORS; GOES TO HOUSE

---1950---

O 31, 2-7 NITE

NEED GAS DEALERS SURETY BONDS QUESTIONED

--1984--

JA 20, A-4-3D

GASOLINE WHOLESALE, QUENTIN STRINGER, OF ST. CLAIR SHS GUI  
LTY IN CHEATING GOVT. OUT OF \$430,000 IN FED. EXCISE TAXES.  
BULGIER

GASOLINE : DENMARK

1973

~~N19M A 6-4~~

DUE TO GAS SHORTAGE DANES BAN SUNDAY DRIVING.

GASOLINE

- Det

1928

~~Ja 31, 21-1~~  
Daily consumption in det. probably 500,000  
gals.

Ag 11, 14-2  
Thousand gallon tank, thought buried 30 yrs. un-  
earthed at Elizabeth st. between 5th and 6th sts.

---1930---

Je 22, 1-8-2

John C. McCabe, consulting engineer of State Dept of  
Labor and Industry is drawing an ordinance regulating  
construction of storage tanks for public safety and fire  
prevention.

Form 1656

The Detroit News

GASOLINE - DET.

1931

Form 1656

The Detroit News

O 4, 1-13-1

Henry L. Shearer urges companies be compelled to  
build walls around storage plants

1932.

F 11, 4-8

Dealers oppose proposed ord. requiring dikes  
around storage tanks

F 25, 2-4

COUNCIL 25 PASSED DIKE ORDINANCE

Ap 29, 13-2 Final

3 million gal tank of Sunny Service Oil Co. held  
violates storage ordinance, Goldwater says

My 3, 35-5

SUNNY SERVICE OIL CO 1,000,000 TANK UNDER CONSTR AT FT OF SWAIN ST  
RULED ILLEGAL

N 16, 32-8

PURE OIL CO TO BUILD PIPE LINE FROM TOLEDO TO DETROIT

1933

MR 1, 21-2

FED. TRADE COMM. REFUTES CHARGES OF DUMPING, MADE VS SUNNY SERVICE CO.

---1933---

Mr 29, 1-4

POLICE SEEK GAS BOOTLEGGERS

D 3, 1-8-1

INDEPENDENT STATION OPERATORS QUESTION US CONTROL OVER INTRASTATE  
COMMERCE-HAYDEN

---1935---

JE 5, 11-4 RACE X

RANKIN PECK CHARGES OIL RETAILERS WITH SUBSTITUTION

---1938---

O 6, 39-2

MYSTERY GASOLINE AT 7 MILE & SHIELDS BAFFLES INSPECTORS - O 7, 10-3

PIPE OF GASOLINE STATION LEAKING UNDERGROUND, STOPPED

---1941---

AG 20, 13-1

CITY COUNCIL APPROPRIATES \$500 TO TRACE GASOLINE FUMES LEAK IN BASE-  
MENT OF YWCA BLDG. AT FORT ST. & VINEWOOD AVE.

---1942---

N 29, 1-9-3

FIRE DEPT WARNS OF LAW AGAINST HOARDING  
SALES DROP TO LESS THAN HALF OF NORMAL

D 29, 34-1

---1943---

AP 30, 1-2

FUMES FROM FAULTY TANKS OF STATION CAUSE EXPLOSION & SMALL FIRE AT  
4411 GRAND RIVER AVE

AG 20, 4-1

GAS SOLD BY MISTAKE FOR FUEL OIL AT 9107 TELEGRAPH RD.

--1944--

JA 15, 2-3

JOSEPH MICHELSKI FINED FOR STORING GASOLINE IN BARBER SHOP

S 17, 1-3-6

864 GALLONS OF PREMIUM GAS PUMPED INTO SEWER "BREATHING" PIPE

N 10, 2-2

WM R AMOS FINED \$25 FOR ILLEGAL STORAGE

WM R AMOS FINED \$25 FOR ILLEGAL STORAGE

N 11, 2-2

COUNCIL TO CONSIDER INFLAMMABLE LIQUIDS ORDINANCE

N 18, 15-5

N 21

N 26, 1-1-5

TRUCKLOAD FILLS DITCH WHEN TRUCK IS UPSET

MY 13, 4-12-7

INFLAMMABLE LIQUID CODE TO BE TRANSFERRED TO FIRE DEPT

MY 11, 25-3NITE

FIGHT BYON FIRE CMSN AND DEPT OF BLDGS & SAFETY ENGRS

NEAR AN END

FIRE PREVENTION BUR OF FIRE DEPT TAKES OVER ENFORCEMENT OF INFLAMMABLE LIQUID, EXPLOSIVES & PUBLIC ASSEMBLAGE ORDS

AG 16, 1-2

RANKIN PECK REPORTS GAS RESERVES IN DET AREA AMPLE

S 25, 1-7

BALLENGER NAMED "CZAR" EMERGENCY GAS SUPPLY IN DET.

S 26, 22-1

MAYOR ACTS IN APMT BALLENGER AS "CZAR" - EDIT

S 26, 2-7

J A MCINTOSH NEEDS ENGINEER TO TURN ON GAS SUPPLY

S 26, 6-2

12-MAN COMM STARTS REVISION DET FIRE LAWS

S 26, 1-8

OIL WORKERS UNION PROCEEDS WITH GAS DISTRIBUTION PLANS

S 27, 24-1

DUTY OF POLICEMAN IS TO SEE THAT ONLY THOSE ON EMERGENCY LIST GET GAS - EDIT

S 28, 1-4

EDWARD W HALL WARNS DETROITERS OF FIRE LAWS

S 28, 38-1

"ESSENTIAL" DRIVERS ONLY, GET GAS

S 29, 2-2

OIL WORKERS UNION CRACKS DOWN ON SOLDIERS' FAMILIES

O 2, 25-4 FINAL

JAMES FINLEY FINED \$25 FOR STORING GASOLINE

O 7, 1-1-8

GAS TRUCK DRIVERS WORK OVERTIME TO FILL DET AREA PUMPS

---1946---

JA 15, 3-1 DS 2

AP 6, 1-8

O 4, 11-3

r 16, 1-15-4

Ag 6, 13-3

AG 14, 1-4

COUSINS

F 2, 4-3

F 3, 7-2

F 4, 4-5

F 5, 5-3

AP 15, 54-7

MY 14, 19-5

MY 25, 4-7

INSIDE GAS

MY 31, 4-1 FINAL

JL 13, 10-5

JL 19, 3-3 BS 2

S 25, 14-5

S 15, 1-2

---1947---

---1948---

---1949---

RETAIL DEALERS TO SELL GAS AT 18.5 A GALLON JA 16

RUMORS PENDING STRIKE GASOLINE TRUCKERS DENIED

CHI-STANDARD OIL APPEALS CT ORDER ON DET PRACTICES

SCORES PERILED BY GAS FUMES IN FERRY-WOODWARD SECTION

CITY GAS STOCKS AGAIN AT CRITICAL LEVEL

850,000 GALS SHIPPED TO CANADA AS DET FACES CRISIS

POLICE TRACE BAD GAS: OVER 100 COMPLAINTS

POLICE TO STUDY BAD GASOLINE IN DET.

J C REHARD SAYS ~~CXXX~~ GUMMY GAS VIOLATES NO ORDINANCE

BAD GASOLINE WHICH RUINED MOTORS LAID TO COLD

COUNCIL STUDIES PROPOSAL FOR CITY INSPECTION SERVICE

THREAT OF EXP FORCES CLOSING GAS STATION AT JOHN R & KENILWORTH

HARRY S TOY ORDERS CHECK UP PRECINCT STATIONS WITH

BETHUNE STATION, POLICE DEPT., HIT BY GASOLINE FUMES

SAM B WHITEY, JACK AUSTIN GUILTY SELLING GAS IN MISTAKE FOR FUEL OIL

SAM WHITEY, JACK AUSTIN FINED \$500 FOR LAXITY IN GAS SALE

FUEL OIL MIXED WITH GAS SOLD IN ERROR: ALL LOCATED

500 GALS GAS FLOWS FR BROKEN TANK AT 440 CONG.

ALBERT J. KIRSCHNER & FRANK TEICHERT CHARGED WITH SELLING INFERIOR GASOLINE  
 AP 25, 4-1 BS 2  
 JL 28, 43-6

QUALITY OF GASOLINE LOW IN DET. AREA-WATTS

---1951---

Mr 1, 20-7

REPAIRS END THREAT GASOLINE BLAST AT 500 DIX

---1952---

MR 11, 1-3

AP 30, 1-5

GAS TANK LEAK FLOODS DSR GARAGE MICH & WOODINGS  
 PIPE LINE FEEDERS SHUTDOWN IN OIL WORKERS STRIKE- RUN ON GAS STATIONS  
 NAJDUCH  
 MY 1, 1-3

ONLY SMALLER STATIONS EFFECTED BY STRIKE-LAUREN

MY 3, 1-2

SUPPLIES CONTINUE TO DWINDLE IN DET. AREA DUE TO STRIKE  
 WEEK END MOTORISTS FIND GAS ENOUGH FOR WEEK END TRIPS DISPISTE STRIKES

MY 5, 1-8

STRIKING OIL UNION BARS DELIVERIES TO DSR-STATION SUPPLY DOWN APT  
 70%

MY 11, 1-18-1

AUTO CLUB OF MICH. WARNS DRIVERS EXTENDED TRIPS THRU STATE DURING STRIKE MIGHT LEAVE THEM STRANDED

MY 12, 6-4 BS 2

MY 14, 1-8

GAS STILL AVAILABE IN DET STATIONS

GOVT. HINTS GAS RATIONING- DSR SUPPLIES NEAR LOW

MY 15, 8-5 BS 2

GAS STATION OPERATORS JOHN ZANG & HAROLD F. MCGUIRE GIVEN PROBATION FOR HAULING GASOLINE IN BEER TRUCK DURING SHORTAGE AT STATIONS

MY 17, 2-1

PINCH IN GAS STARTS EASING, OIL WORKERS BEGIN RETURN TO JOBS-LAUREN

—1954—

JA 8, 2-3 NITE

FIREMEN WORKED FAST TO PREVENT FIRE AT DET. CITY AIRPORT AFTER GAS LINE  
LEAK DISCOVERED IN 15,000 GALLON TANK

AP 9, 11-1

SAMUEL KAPLAN HELD FOR ALLOWING GASOLINE FLUSHED OUT OF AN UNDERGROUND  
FUEL TANK TO FLOW INTO STREET WHERE IT IGNITED

—1956—

JL 31, 2-8

GASOLINE TANK-TRAILER COLLAPSES DUMPING GASOLINE ON MICH. & LIVERNOIS

O 3, 35-2 5\*

MRS. MARIE GIBSON & HER REFUSAL TO PAY \$394.000 F R REMOVAL OF GASOLINE  
STORAGE TANK BY CITY

N 16, 3-6

4,000 GALLONS OF GAS PUMPED B MISTAKE INTO FUEL OIL TANK AT PAUL'S  
TANK CAR STATION, NONE OF MIXTURE SOLD

—1957—

MR 8, 1-4

FIRE DEPT TELLS DANGER IN ILLEGAL GAS HAULS DURING STRIKE

MR 15, 15-5

GLENN E ALLEN FINED FOR POTTING GASOLINE IN FUEL TRUCK—MR 22, 1-8

DRIVERS FACE INCREASE IN GAS FAMINE

MR 22, 4-6 LF

FINED FOR ILLEGAL TRANSPORTATION OF GASOLINE GIVEN ANGELO GORNO, JOS.

YANITELLI, GEO. G. PAGE

MR 29, 43-2

HUNT GASOLINE LEAK IN EAST SIDE AREA

MR 30, 3-3

GASOLINE LEAK ON GRATIOT FOUND, IN RUSTY PIPES

AP 5, 2-1 5\*

GERALD K O'BRIEN WARNS GAS DEALERS OF SALES FAKE

AP 7, A-7-1

DET. POLICE SAY GAS PUMP RULE BEING HEEDED—

GASOLINE: DETROIT

1957

AP 7, A-2-3 2\*

DET. POLICE RECEIVE NO COMPLAINT AGST SALE OF OFF BRAND GASOLINE FR. LABELED PUMPS DURING OIL STRIKE

AP 8, 31-2

5 JAILED IN SWITCH OF GAS BRANDS DURING OIL STRIKE; THEY ARE CARL MORRIS, RALPH BAUMGARNER, SAM FALVO, BERNARD WHITE & JOHN HALL

AP 10, 62-1

5 MEN JAILED FOR FAKING OF GAS BRANDS; THEY ARE RALPH BAUMGARNER, CARL MORRIS, SAM FALVO & BERNARD WHITE & JOHN HALL

MY 17, 10-4 1H

3 MEN TO STAND TRIAL FOR MISLABELING GASOLINE; DURING GAS TRIKE IN DETROIT; THEY ARE CARL MORRIS, RALPH BAUMGARNER & SAM FALVO

---1958--- F 20, 53-3

WATER DEPT. CLEWS WORKERS SEVERAL HR F 10TH TO REPAIR LEAK IN MAIN THAT SHUT OFF SERVICE TO BUILDINGS IN 4-BLOCK STRETCH ON SOUTH SIDE OF DA-SON

---1959---

S 4, A-21-2 5\*

DRY CLEANER EDWARD HOWARD, FINED \$100 FOR USING GASOLINE

---1961---

MY 15, B-6-8

NY CENTRAL FREIGHT TRAIN HALTED DUE TO GASOLINE ON TRACKS LEAKING FR. TANK AT AURORA GASOLINE CO. REFINERY

N 30, D-8-1 FIN. 3

GAS STATION OWNER & FRIEND, KENNETH STOKELY & BILLY JAMES, FINED \$100 EACH FOR SALE OF GAS AS FUEL OIL

-----1962----- F 21, A-3-3

PRICE OF GAS IS CUT AGAIN

MR 15, C-19-7

3,500 GALLONS OF GASOLINE SPILL AT SPEDWAY PETROLEUM CORP. 301 FORT SOUTH

JL 14, B-7-1

SERVICE STATION OPERATORS & DEALERS TO ATTACH DANGER LABELS TO HAZARDOUS PETROLEUM PRODUCTS THEY SELL IN CONTAINERS

N 12, A-1-8 FIN 5

125 GALLONS OF GAS SPILLED ONTO STREET FROM DRUM ON CONSTRUCTION SITE OF NEW DET BANK & TRUST CO., WOODWARD

-----1963-----

N 14, A-13-3

CITY COUNCIL TO BAN HAULING OF EXPLOSIVES OR FLAMMABLE LIQUIDS & GASES ON JOHN C. LODGE FREEWAY EXTENSION FROM WYOMING TO 8 MILE RD AS SAFETY PRECAUTION

-----1965-----

MY 20, A-3-6

TRUCK CARRYING 2,500 GALS. GASOLINE BURST INTO FLAMES ON JOHN C. LODGE FREEWAY-NO INJURIES

-----1967-----

JL 26, B-10-1

DEALERS ASKED BY ROMNEY TO EASE GAS LIMITS

JL 26, A-8-8 FIN 3

GAS BAN EASED BY GOV ROMNEY

-----1968-----

N 22, A-8-1

GASOLINE SOLD AS FUEL OIL CAUSED SMALL EXPLOSION IN HIGHLAND PARK HOME, POLICE HUNTING 200 GALLONS SOLD BY TULSA OIL CORP.

-----1971-----

AP 1, D-9-2

TOTAL GASOLINE BEING INTRODUCED AT 215 GAS STATIONS IN DET BY CITRIN OIL CO & LEONARD REFINERIES INC

GAS LEAK SHUTS 15<sup>TH</sup> POLICE PRECINCT---GREENE  
N17, B-19-1 D  
---1973--- F 16, A-3-1

OILMEN WARN DET. OF GASOLINE SHORTAGE AS QUOTAS ORDERED IN CONTROLS OF  
ENERGY-P. LOCHBILER

AP15, A-1-1

CITY'S GASOLINE BIDS GO UNANSWERED---HALLAS

AP20, A-3-1

EX MICHAEL T. ROSSMAN, CHAIRMAN OF SATURN PETROLEUM CO.,  
SAYS HE WILL CLOSE 17 GAS STATIONS BECAUSE HE WON'T BE ABLE  
TO GET GASOLINE---SILK

AP27, A-7-1

DETROIT CONSIDERING USING CREDIT CARDS TO PURCHASE GASO-  
LINE FOR CITY VEHICLES AT SERVICE STATIONS---BUTCHER

AP28, A-5-1 D

GULF EXTENDS GASOLINE PACT WITH CITY OF DETROIT FOR 30 DAYS  
---RUSSELL

-----1973----- MY13, A-3-4

AMOCO AGREED TO SUPPLY GASOLINE (60,000 GALS) TO CITY OF  
DETROIT FOR POLICE AND FIRE DEPARTMENTS MY 31, A-2-1

GASOLINE PINCH IS TIGHTER FOR OTHER CITIES.

JE 15, B-2-1 D

INDEPENDENT GAS STATION OPERATOR WM. C. WILSON SUING ATLANTIC  
RICHFIELD CO. FOR CUTTING BACK GAS SUPPLIES TO HIS BARGAIN  
OIL & GAS Co.

JE 20, C-3-1

JAMES PETTY'S 5 GAS STATIONS CLOSED DOWN DUE TO CUTBACKS  
OF GASOLINE. CAIN

JE23, A-6-8

GAS STATION POLL FINDS HOURS CUT

N21, A-8-4

MANY STATIONS TO BE CLOSED ON THANKSGIVING. GETZ

SEMOG COMPUTER TO POOL RIDES FOR WORKING PEOPLE TO  
HELP CONSERVE FUEL- WARREN

N 25, A B-14-1

SUBURBANITES' REACTIONS TO POSSIBLE GAS RATIONING

N 26, A-4-1

GRIFFS HUNTS WAYS TO TRIM ENERGY USE. ANKENY

N 27, A-11-3

DETROIT TO BUY SMALLER CARS FOR OFFICIALS TO SAVE FUEL..

B RNSTEIN

D 3, A-1-2

DET. NEWS SURVEY SHOWS 20% STATIONS OPENED D 2 IN DET.-AREA  
-RUSSELL

D 3, B-8-2

MAYOR-ELECT COLEMAN YOUNG SEES BOOST TO CITY TRANSIT & STEM  
MING OF FLIGHT TO SUBURBS IN ENERGY CRISIS, IN NAT'L TV  
INTERVIEW D 2-PISOR

D 4, XB-1-4 D

DET. POLICE ORDERED BY COMMSR. TANNIAN TO 50MPH PATROL  
CAR LIMIT EXCEPT FOR EMERGENCIES-GRANT

D21, A-1-3

DET. COULD BECOME A GHOST TOWN UNDER 10 GALLON GAS  
PLAN. HANSEN

D21, A-3-1

SURVEY FINDS DETROITERS WILLING TO FORM CAR POOLS.

D21, A-1-1

MAP OF CITY AND SUBURBS SHOWING HOW TO ESTIMATE  
MILEAGE.

D23, A-3-1

SUBURB SCHOOL BUSES ROLL DESPITE GAS CRISIS.

--1973--

D 30, A-9-1

DET. STATION ATTENDANT, 17, BEING HELD ON SUSPICION OF MURDER IN SLAYING OF CABDRIVER, HAROLD LUKE, 41, AFTER DISAGREEMENT OVER LATTER'S REQUEST FOR GASOLINE RECEIPT D 29

--1974--

JA 5, A-7-7

SPOT CHECK FAILS TO TURN UP ANY DEVELOPING PATTERN IN CHURCH ATTENDANCE WITH FUEL SHORTAGE IN MIND

F 4, A-9-1

SOME GAS STATIONS STAY OPEN AFTER MIDNITE-SHELLENBARGER

B 28, A-1-3

FAST-FILL-UPS AVAILABLE IN WINDSOR FOR VENTURESOME DETROITERS-BURDOCK

MR 2, A-4-1

AAA SAYS GASOLINE IN ABUNDANCE NORTH OF LINE FROM BAYCITY-LUDINGTON BUT DET. STATIONS STILL W/O MR. ALLOCATIONS

, MR 3, A-1-1

NEWS STUDY ENCOMERS APPROX. 22,000 GAL. IN UNDERGROUND TAN KS OF ABANDONED STATION AT JAS. GOUZENS/WINTHROP-WENDLAND/MURPHY

MR 3, A-3-3

AAA PREDICTS LONG LINES AT STATIONS DURING BEGINNING OF NEXT WK.-HALLAS

GASOLINE: DETROIT

1974

DEALERS REPORT PANIC BUYING ONE OF BIGGEST PROBLEMS-HALLAS/  
WOWK

MR 5, A-3-1

MR 13, B-6-1

BORDER-HOPPING FOR GASOLINE-EDIT.

MR 15, A-1-1

SUPPLIES STILL SHORT BUT PANIC BUYING DROPS, ACC. TO AAA

MR 16, A-1-1

AAA ADVISES DRIVERS TO GET GAS EARLY

MR 29, A-1-2

DET.STATIONS WON'T BE SELLING GAS ON SUNDAY SAYS AAA

AP 5, A-1-1

AAA SAYS GAS SUPPLY SHOULD GENERALLY BE BETTER THIS WEEKEND

AP 28, A-3-3

SOME STATION OWNERS COMPLAINING OF LACK OF CUSTOMERS-HALLAS/  
GEBERT

MY 22, A-8-1

PSC AUTHORIZES RELEASE OF 5MILL.GALLONS FOR MEMORIALDAY MY27  
RUSH

MY 23, A-3-1

EXPECTED TO BE IN ABUNDANT SUPPLY OVER MY24-27MEMORIALDAY  
WEEKEND-YOURIST

--1974--

JE 3, A-3-1

SERVICE RETURNS TO STATIONS AS GAS SUPPLIES NORMALIZING-SNEED

JE 7, A-4-2

IN PLENTIFUL SUPPLY BUT MAY GO UP AS MUCH AS 3¢/GAL.

JL 3, A-3-4

CHARLES SHIPLEY OF SERVICE STATION DEALERS ASSN. OF MICH  
CHARGES LOCAL DEALERS BEING PRESSURED INTO BUYING GASOLINE

HANSEN

-1979-

MY 9, A-1-4

WINDSOR STATIONS EAGER TO FILL UP TANKS OF US MOTORISTS-

ILKA

MY 25, A-1-1

NO LACK SEEN FOR HOLIDAY

N 19, A-1-2

DR. JOHN ANDERSON OF NORTHVILLE NOT LIKELY TO BUDGE FROM  
HIS COUNTRY HOME. THINKS HIS KIDS WILL LIVE IN CITY-TRELOAR

-1983-

AP13, A-1-2

U.S CHECKS CLAIMS OF DILUTED GASOLINE BEING SOLD-SMITH

-1987-

S 25 B-3-1

1,000 gals of gasoline accidentally spilled at GM Detroit-  
Hamtramck assembly plant.

GASOLINE : DETROIT

1989

F 10, E-3-5

Supplies not cut by strike of 200 Teamster tank-truck  
drivers-Nehman

1927

Jl 14, 4-2

Give us our juice, public cries. If not the  
staff of life, what is it

~~---1935---~~ **GASOLINE, A 1935 NECESSITY, SAYS COL. LEONARD P. AYRES-EDIT** **AP 7, 1-6-2**

~~---1936---~~ **CONSUMPTION INCREASES 29,930,000 BARRELS IN 1936 OVER 1935-EDIT** **D 26, 6-1**

~~---1937---~~ **OUR GASOLINE RESERVE** **F 14, 1-6-2**

~~---1939---~~ **TRACTORS ON THE FARMS CAUSE LARGE INCREASE IN CONSUMPTION OF GAS** **JA 24, 18-1**

~~---1942---~~ **LOWER MILEAGE DUE TO WEATHER, NOT OCTANE CONTENT** **D 20, 1-6-2**

~~---1945---~~ **ROBT. E. WILSON SEES AMPLE SUPPLY** **AP 11, 14-2**

---1947---  
SHORT SUPPLY GAS WOULD BE HARD TO BEAR-

JE 27, 22-1

---1948---

JL 23, 22-2

MYSTERY GAS FLOODS DENVER, COLO FARMS

-----1956-----

MR 20, 26-1

WHEAT-GAS-EDIT.

-----1973-----

JE5, B-8-1

THE ENERGY CRISIS: CUTTING SPEED LIMIT CAN SAVE LIVES,  
FUEL----EDIT.

JE23, A-4-1

HIGH-OCTANE POLITICAL ISSUE---EDIT.

JL 8, F-3-1

A SHORTAGE OF GAS--AND GUTS-EDIT.

D16, E-3-1

TO MEET THE ENERGY CRISIS, ALL MUST SACRIFICE. EDIT

D 21, B-8-1

VOLUNTARY RATIONING IS SPUR TO CAR POOLS-EDIT.

--1974--

MR 11, A-14-1

WHAT TO DO IN GAS STATION LINEUP-EDIT.

-1979-

MY 12, A-18-1

THOSE 'OFF-ROAD' VEHICLES-EDIT (DURING GAS SHORTAGE TIME)

JL 1, A-22-1

MUSIC TO WAIT BY-EDIT

## GASOLINE : EDITORIALS

1979

SPEED & WASTE-EDIT

JL 24, A-16-1

S 27, A-22-1

GASOLINE USAGE DECLINES (PRICE HIKE HAS CAUSED DECREASE IN  
USAGE)-EDIT -1980- JA 20, A-18-1

FUEL & FLAGS-EDIT

-1990-

Ja 15 A-8-1

EPA's laughable \$10 fix (charcoal canisters to trap gas  
fumes).--Edit -1992- Ag 8 C 6-1

The Clean Air Act amendments of 1990 turned into fight for  
Fed pork barrel.1 example is the ethanol industry-Amendments  
require nation's 9 dirtiest cities to sell reformulated  
oxygenated gasoline-Edit

N 7, C-6-1n

INDIANAPOLIS-Increasing demand for corn to produce it is adding nearly 10cents a bushel to value of grain.

-1993-

D 15 A 5-1

ClintonAdm to require ethanol products be used in smog reducing gasoline for most polluted cities

D 19 C 3-2 no dot

Mich.corn growers pleased w/Clinton's policy requiring 30% of gas be corn-based ethanol-Freedman

-1994-

S 23 A 10-1

Court has blocked EPA from requiring corn-based ethanol in reformulated gasoline;lawsuit proceeds,has merit-Edit

-1995-

My 12 E 3-5

GM to offer truck that runs on ethanol in 1997

-1997-

Je 8 B-6-1

Ethanol creates potholes-edit

Je 10 B-1-2

Ethanol will power minivans starting next year.-Phillips

Je 12 B-1-1

DC-Legislation may end tax cut for ethanol.-Knox

1998

Ap 16 a 16-1

Commentary on extension of tax breaks for ethanol-ed

GASOLINE : EUROPE

1940

RATIONING OF IS RESHAPING EUROPE'S TRANSPORT IDEAS-MILLGATE  
Form 1656 AP 21, 4-16-3  
--1973-- N 24, A-2-1  
COUNTRIES EXTEND SUNDAY DRIVING BAN; VATICAN CITY RATIONS GAS  
EUROPEANS BRACE FOR CAR-LESS SUNDAY D 2, A-7-1  
EUROPEANS STAY HOME AS SUNDAY DRIVING BAN SPREADS  
--1974-- MR 3, B-5-4  
HAS LOTS OF GASOLINE BUT AT HIGH PRICES

1974

GASOLINE: FLORIDA

MICH. MOTORISTS PLANNING TO VACATION IN FLA. WARNED OF  
SEVERE GAS SHORTAGE THERE. BURDOCK.

GASOLINE : FORMOSA

1950

US NAVY TANKER CIMARRON UNLOADS FULL CARGO GASOLINE AT FORMOSA FOR  
WAR PLANES-  
TAIPEI-STATE OWNED PETROLEUM CORP TO PRODUCE AVIATION GAS NEXT MONTH

AG 6, 1-4-1

---1958---

JA 8, 10-3

GASOLINE : FRANCE

1937

Form 1656

N 3, 2-3 BL STR

DEPUTY CHAS BARON SALES FOR US TO SEEK SOURCES OF GASOLINE FOR FRANCE  
IN CASE OF CONFLICT

--1944--

AP 7, 4-3

14 STEEL DRUMS OF GAS FOUND BURIED IN VACANT LOT

~~1948~~

F 2, 1-4 FINAL

PARIS IS OUT OF GAS-

~~1956~~

N 26, 1-2

PARIS-BAD WEATHER & DRY GAS PUMPS CUT PARIS SUNDAY DRIVING 60 PCT.

~~1958~~

J 16, 26-4

GOVT MOVES TO FORESTALL GAS HOARDING-

Form 1656

COMMODITY EXCHANGES, INC ANNOUNCES INAUGURATION OF FUTURES TRADING IN  
GASOLINE & CRUDE OIL

JA 2,24-8

Form 1656

F 4,1-1-2 CAN

GERMAN PROCESS MAKES GASOLINE OUT OF COAL; WILL PRODUCE 60% OF CONSUMPTION  
---1936---

F 16,5-14-3

USES ARTIFICIALLY-PRODUCED GASOLINE

---1941---

MR 1, 3-4

ENG. PLANES HAVE ADVANTAGE OVER GERMANS DUE TO HIGHER OCTANE RATING OF GASOLINE

S 16, 28-6

DEVELOPE SECRET SUBSTANCE TO INCREASE OCTANE RATING OF GASOLINE

---1945---

JL 29, 1-12-2

ALL PLACED IN SPECIAL DUMPS UNDER GUARD TO CURB BLACK MARKETING

---1952---

S 10, 4-8

FRANKFORT-GERMAN CUSTOMS ARREST 80 GERMANS IN BLACK MARKET SELLING OF RATIONED U.S. GASOLINE

GASOLINE:

GRADING:

MICHIGAN

1938

Form 1656

0 26,2-6

STATE REGULATED GRADES FOR GASOLINE PROPOSED

GASOLINE : GRADING : MISCELLANEOUS

1939

Form 1656

F 19, 5-24-2

NORTH CAROLINA COMPELS GRADING OF GASOLINE

D 14, 2-2

Thousands gals. gas on R. Mersey from tank  
str, Seminole cause anxiety, D 14

---1939---

S 7, 2-4-NITE

S 13, 10-7

BRITISH CAR OWNERS LIMITED TO 4 TO 10 GALS. A MONTH  
MOTORISTS WEAN CARBURETORS TO MEET GAS RATIONS

---1948---

JE 23, 23-6

LONDON-RED GASOLINE INTRODUCED; BLACK MARKETEERS ALWAYS FIND WAY

---1953---

O 22, 30-8

WILDCAT GASOLINE STRIKE IN LONDON, OF 2,600 TANK TRUCK DRIVERS

O 24, 3-2

ARMED TROOPS RUN GAS IN LONDON TRUCK STRIKE

O 27, 1-5

APSC FIRM THAT MICH. CON. GAS CO. FURNISH 9,600 WITH GAS HEAT IN DET. AREA

--1973--

D 5, A-1-2

BRITONS BATTLE FOR GASOLINE AT FILLING STATIONS IN PANIC  
OVER RUMORED RATIONING D 4

D 6, D-8-1

TRADE & INDUSTRY MINISTRY ORDERS 50MPH SPEED LIMIT ON ALL  
ROADS TO COMBAT FUEL SHORTAGE

-1979-

MY 29, A-5-6

LONDON-DRIVERS PAY \$2.50 PER GAL FOR GAS

---

1940

**GASOLINE - GREECE**

**Ag 24, 2-6**

**GOVT. SEIZES 2500 TONS FOR ARMY**

Form 1656

Form 1656

N 19, 4-4

ABOVE OUTPUT DOUBLED BY NEW PROCESS SAYS A E PEW JR.

~~---1943---~~

JA 14, 16-6

~~---1944---~~

AG 15, 10-1

RATIONED MOTORISTS THREATEN SUPPLY

PETROLEUM INDUSTRY'S WAR COUNCIL READY TO MANUFACTURE NEW HIGH OCTANE  
GAS FOR PLANES-EDIT

AG 14, 8-5BS

SUPERGAS TO BE USED FOR GIANT U.S. BOMBERS

Form 1656

O 6,1-11-5 1\*

AMERICAN PETROLEUM INSTITUTE TRACES STORY OF GASOLINE

--1939--

AG 8,7-5

CHAS.S.PALMER, INVENTOR OF GASOLINE, STILL REFUSES TO OWN A CAR AT 81

GASOLINE: HOARDING: DETROIT

1974

MR 3, A-1-1

DET. NEWS SPOT CHECK UNCOVERS GASOLINE IN VACANT STATIONS-  
WENDLAND/MURPHY

MR 6, A-3-1

MORE HOARDING UNCOVERED IN DET. SUBURBS OF REDFORD TWP., WARREN  
STERLING HRS & LIVONIA-MURPHY/WENDLAND

MR 6, A-3-5

ST. SENATE COMMERCE COMM. TO HOLD PUBLIC HEARINGS MR 11 TO  
PROBE HOARDING REPORTS

MR 10, A-2-1

SPOKESMEN FOR 7 MAJOR OIL COMPANIES ACKNOWLEDGE HAVING SOME  
STORED IN VACANT DET. STATIONS-MURPHY/WENDLAND

MR 12, C-5-4

STATE SEN. COMMITTEE TOLD 5-10% OF MICH. STATIONS MAY HAVE SHUT  
DOWN EARLY IN FEB. TO TAKE ADVANTAGE OF PRICE INCREASE-  
BURDOCK

1974

GASOLINE: HOARDERS: MICHIGAN

F 21, E-3-8

ATTY.GEN.KELLEY SUSPECTS HOARDERS ARE USING ABANDONED  
SERVICE STATIONS TO STOCKPILE FUEL & URGES CITIZENS TO REPORT  
ANY CASES

F 22, A-11-1

GASOLINE FIRMS ANGERED AT ATTY.GEN.KELLEY'S REQUEST FOR  
IRS PROBE OF HOARDING AT CLOSED STATIONS-ROACH

F 26, A-9-1

STATE OFFICIALS GETTING OVER 20 REPORTS A DAY OF CLOSED  
STATIONS BEING USED FOR HOARDING-WENDLAND

MR 5, A-1-1

ST.ATTY.GENERAL'S ORG.CRIME DIV. TO PROBE ALLEGATIONS OF  
HIDDEN GAS IN VACANT STATIONS-WENDLAND/MURPHY

1973

**GASOLINE: HOARDING**

D 9, E-9-1

**FORMER GM EXEC. JOHN Z. DELOREAN, TELLS DET. AEROCRAFT CLUB  
THAT GASOLINE HOARDING BY BIG BUSINESSMEN IS GREATER THREAT  
TO AMER. ECONOMY THAN ARAB EMBARGO**

D23, C-3-1

**HOARDING IS AN ACT THAT IS STILL UN AMERICAN-EDIT**

**--1974--**

F 22,

GASOLINE: HOLLAND

1973

0 30, A-6-6

DUTCH GOV'T ORDERS PRIVATE MOTORISTS TO STAY OFF ROADS EVERY  
SUNDAY STARTING N 4 TO CUT DOWN ON FUEL CONSUMPTION

GASOLINE : IDAHO

1951

COEUR D'ALENE-~~RUNT~~ SOURCE OF 400 GALLONS SEEPED INTO SEWAGE MAINS  
M 2, 1-2

1949

~~GASOLINE- ILLINOIS-CHI~~

AG 11, 1-1

GAS FAMINE FACED AS TANK TRUCK MEN STRIKE

N 21, 36-1

ROCK FALLS-ANDY CHAMBERS, 24, GETS ABOVE INSTEAD FUEL OIL-RESCUED

-----1958----- JA 23, 1-7 1H

CHICAGO-OFFICIALS SEEK PERSONS SOLD IN ERROR HIGHLY EXPLOSIVE GAS INSTEAD OF FUEL OIL

MR 11, 32-5

CHI-FIREMAN FIND GASOLINE SOLD AS FUEL FOR STOVES

-----1961-----

N 2, 8-14-1FIN  
5

CHICAGO-WALKOUT BY 3,500 TEAMSTERS THREATENS NATION'S SECOND LARGEST CITY WITH A PARALYZING SHORTAGE OF GASOLINE &amp; FUEL OIL

---1965---

N 1, A-22-1 5\*

CHI-STRIKE OF 4,350 FUEL TRUCK DRIVERS OF TEAMSTERS' UNION THREATENED CHICAGO METRO AREA WITH GASOLINE FAMINE

---1967---

N 12, A-3-3

2-DAY TEAMSTERS STRIKE IN CHIC THREATENED TO DRY UP ABOVE &amp; FUEL OIL SUPPLIES

**GASOLINE: INDIANA**

**1951**

**MILLION GALLON SHIPMENT OF SPOILED GAS GUNS UP MOTORS**

**As 9, 2-4**

**---1966---**

**D 21, C-1-3**

**INDIANAPOLIS-GAS TRUCK SAFETY RULES BEING MULLED**

**-1975-**

**0 8, D-5--7**

**EVANSVILLE-BTWN 85,000-100,000 GALS OF PREMIUM GAS SPILLED  
INTO OHIO RIVER WHEN BARGE STRUCK SNAG, WILL FLOAT DOWN  
TO MISSISSIPPI**

**-1979-**

**0 2, A-19-6**

**HAMMOND-SPILL CAUSED BY VANDALS SHUTS THE INDIANA TOLL RD.**

GASOLINE - INDOCHINA

1954

RED GASOLINE IN FRENCH AIRLINER STIRS FEAR OF PLOT

F 7, 1-10-1

GASOLINE - INDUSTRY

1929

Form 1656

The Detroit News Je 14, 13-6

Bur.of Standards develops new process of re-  
fining, which stops waste

---1967---

JL 19, C-18-1

BEEN ATTRACTING ATTENTION, ARTICLE DISCUSSES OVERALL STATE  
OF INDUSTRY

Form 1656

JL 14, 1-4 BS

JAS.F.BYRNES STARTS INQUIRY INTO GASOLINE &amp; FUEL OIL SITUATION

---1947---

AG 21, 36-4

SEN.COMM.BEGINS HEARINGS ON COMPLAINTS OF INDEPENDENT DEALERS IN MID-  
WEST

----1973----

JE9, A-1-5

WASH----ATTY.GEN.FRANK J. KELLEY TELLS CONGRESS INVESTIGA-  
TION SHOULD BE DONE OF OIL INDUSTRY FOR POSSIBLE COLLUSION  
TO CREATE GAS & FUEL OIL SHORTAGE

JE 13, C-8-1

MT. PLEASANT INDEPENDENT GAS STATION OWNER WALTER BLODGETT  
TELLS SENATE ANTI-TRUST & MONOPOLY SUBCOMMITTEE OF GAS  
SHUTOFF BY GULF-KENTERA

JE 15, A-19-4

GULF OIL CO. UPS WHOLESALE PRICE 52% ACC. TO TESTIMONY AT  
INTERIOR DEPT. PRIVATE HEARING ON FUEL SHORTAGE-SCHABATH

JE18, A-5-3

SENATE UNIT TO PROBE SHORTAGE OF GASOLINE

GASOLINE : IOWA

1952

F 23, 17-3

SHELDON; POND FORMED BY GASOLINE FROM STORAGE TANK WATCHED OVER BY  
TOWN FIREMEN & POLICE FOR EXPLOSION

GASOLINE: IRAQ

1961

AP 3, A-13-3

BAGHDAD-PRIME MIN.ABDEL KARIM KASSEM CHGS THAT ANTI -GOV'T RIOTS HERE  
LAST WEEK STARTED BY "EVIDENCE & IMPERIALISTS" IN ATTEMPT TO SPLIT  
IRAQI RANKS

**GASOLINE:**

**ISRAEL:**

**JL9, A14-6**

**1979**

**GOVT. TO BAN USE OF PRIVATE CARS ONE DAY PER WEEK  
TO SAVE GAS.**

GASOLINE: ITALY

1956

D 3, 15-3 CITY  
ROME-PARLIAMENT MEMBER, ALESSANDRO SCOTTI WANTS GASOLINE MIXED WITH  
WINE TO MAKE IT GO FURTHER --1973-- N 23, A-6-1

ROME-GOV'T PRESENTS SERIES OF MEASURES IN FACE OF ARAB OIL  
CUTBACKS, INCLUDING BANNING OF SUNDAY & HOLIDAY DRIVING

GASOLINE:

JAPAN

1938

Form 1656

AG 14,5-1811-3\*

TOKYO ALL BOTHERED BY RATIONING OF GASOLINE

---1940---

AG 4, 1-1-7

PROTEST U.S. EMBARGO ON AVIATION GASOLINE

---1941---

AP 14, 4-3

US PROTESTS SEIZURE IN SHANGHAI OF 21 DRUMS BY JAP

1937

GASOLINE: LAWS: MICHIGAN

Form 1656

MR 30,6-3

REP. CARL F. DELANO INTRO BILL TO ALTER REGULATION OF WHOLESALE GASOLINE  
DISTRIBUTORS

GASOLINE

LAWS

MICH.  
1929

Form 1656

The Detroit News Mr 8,1-3

According to law all motorists except those with red auto  
are violators of the law

GASOLINE : ~~XXXX~~ LEADED

1938

Form 1656

\$500,000,000 CHANCERY CRT ACTION VS SANDARD OIL, GMC & OTHERS BY FRANCIS A HOWARD

JA 27, 37-3

---1941---

D 2, 30-7

PRIORITY CONTROL OVER ETHYL ALCOHOL EXTENDED INDEFINITELY

--1944--

JL 6, 2-8

DEALERS DEVISE PLAN TO RATION SUPPLIES AS ETHYL GAS CUT 50 PER CENT

--1948--

JA 5, 22-2

E I DE PONT DE NEMOURS & CO ENTER COMPETITION IN SELLING TETRAETHYL ANTI KNOCK COMPOUND FOR GASOLINE

O 24, 1-16-7

INSTANT PROTECTION FOR WORKERS MFG TETRA-ETHYL ANNOUNCED

--1970----

F 6, A-3-3

FORD MOTOR CO. READY TO BUILD CARS TO RUN ON LEAD-FREE GAS-

IRVIN

F 7, A-10-1

GM AND CHRYSLERS ALSO ARE STUDYING LEAD-FREE GASOLINE--ENGINE

IRVIN

F 14, A-8-1

ENGINES USING NO-LEAD GAS EXPECTED IN 1972 MODELS---

IRVIN

ALL 1971 GM CARS WILL BE ADAPTED FOR NO-LEAD GAS--

IRVIN

F23, B-3-3

UNLEADED GAS MAY OR MAYNOT AID IN FIGHT OF AIR POLLUTION

-IRVIN

---1970---

F 27, B-2-3

SHELL OIL CO. TO SELL LEAD-FREE GAS BY NEXT FALL-IRVIN

---1970---

MR 6, C-7-8

SACRAMENTO-GM & UNION OIL FIRM OKAY PACT ON PRODUCING LEAD-FREE GASOLINE---

MR 19, A-20-1

SACRAMENTO- CALIF. MAY DEMAND LEAD FREE GAS BY 77'

MR 23, A-20-6

STANDARD OIL CO. PLANS TO MAKE LEAD FREE GAS IN 70'

AT COST OF 1¢ MORE- IRVIN

MR 24, B-3-4

DETROIT TO GET UNLEADED LOW-OCTANE GAS BY FALL-IRVIN

AP 21, C-6-6

CHAIRMAN OF PHILIPS PETROLEUM CO.- WILLIAM KEELER WARY  
OF MERIT OF NO LEAD GAS- SMITH.

MY 24, A-6-4

NY- OILMAN RAWLEIGH WARNER JR. HITS PLAN TO TAX LEADED GAS

MY 27, A-3-4

LEAD FREE GAS TO GO ON SALE NEXT WEEK- IRVIN

JE 5, A-3-4

DETROIT-INTRODUCED IN AREA BY STANDARD OIL CO-ILKA

JE 8, D-6-1

ATLANTIC RICHFIELD STARTS SELLING LEAD FREE GAS-IRVIN

GASOLINE: ~~XXXX~~ LEADED

1970

WILMINGTON, DEL--DU PONT CO ANNOUNCED 2% BOOST IN PRICE OF NO-KNOCK COMPOUND EFFECTIVE AG 8

JL 9,A-23-2 RACE

JL 23,A-23-1

SALE OF LEADED GAS TO BE PHASED OUT OVER 7 YRS UNDER ANIT-SMOG BILL BEFORE SENATE

AG4,C-6-5

NY- SHELL OIL CO. SAYS NONLEADED THRD GRADE GASOLINE WILL BE INTRODUCED THIS FALL

AG 13,C-10-5

LEAD-FREE GASOLINE ACOCOUNTING FOR BETWEEN 8-10% OF ALL GAS SALES BY STANDARD OIL CO--SHERE

AG 17,A-12-1

PHILIP A ZHART ASKED F D TRADE COMSN TO FIND OUT IF MAJOR OIL COMPANIES WITHOLDING NEW UNLEADED GAS FROM INDEPENDENT RETAILERS

S 9,B-14-1

NIXON HAS PLAN FOR ANTI-POLLUTION TAX ON LEAD ADDITIVES IN GASOLINE

S 14,A-6-1

ORGANIEZD LABOR & NATIONAL CHAMBER OF COMMERCE IN OPPOSITION TO PRES NIXON PROPOSED ANTI-POLLUTION TAX ON LEAD IN GASOLINE

S 17,C-17-3

LEAD INDUSTRY VIGOROUSLY OPPOSED PRES NIXON'S PROPOSED TAX ON LEAD IN GASOLINE

---1970---

S 30,B-2-3

HOUSE WAYS & MEANS COMM LAID ASIDE PROPOSED TAX ON LEAD  
IN GASOLINE ADVOCATED BY PRES NIXON 0 1,B-10-1  
COOLNESS OF HOUSE WAYS & MEANS COMM TOWARD TAX ON LEADED  
GAS HARD TO UNDERSTAND---EDIT N 2,A-16-8  
TEXACO INC TO INTRODUCE NEW LOW LEAD GASOLINE NATIONWIDE

N 12,A-10-1 LF

DES MOINES---GOV ROBERT D RAY ORDERED USE OF NONLEADED OR LOW  
LEAD GAS IN MORE THAN 8,000 STATE-OWNED VEHICLES

D 16,C-17-1

ETHYL CORP CALLS MEETING TO TELL IT'S SIDE OF POLLUTION  
PROBLEM---IRVIN

D 22,A-2-3

BUFFALO---MAYOR FRANK A SEDITA SIGNED INTO LAW CITY ORDINANCE  
BANNING SALE OF LEADED AUTO GAS BY 1980

---1971---

F 25,C-6-1 RACE

ECOLOGISTS & SPOKESMEN FOR OIL INDUSTRY EXPECTED TO ATTEND  
PUBLIC HEARING BEFORE DET CITY COUNCIL TO DISCUSS PROPOSED  
ORDINANCE TO BAN SALE OF LEADED GASOLINE IN CITY

**GASOLINE: ~~XXXX~~ LEADED**

**1971**

**PROPOSED ORDINANCE TO ELIMINATE ALL LEAD IN GAS SOLD IN CITY KILLED BY CITY COUNCIL AFTER PUBLIC HEARING**

**F 27, A-3-8**

**F 26**

**LEAD-FREE GAS SALES GAINING**

**MR 10, C-10-1 IDOT**

**AP 22, B-1-2**

**MARINE DEALERS & MARINA OPERATORS WARNING NEW LEAD-FREE GAS COULD RUIN TWO CYCLE ENGINES, OUTBOARD, SNOWMOBILES, LAWNMOWERS ETC—DOWDALL**

**AP 28, B-4-1 D**

**MAYOR GRIBBS ANNOUNCED DET MAY START USING LOW-LEAD GASOLINE IN SOME OF CARS & TRUCKS IN EFFORT TO REDUCE AIR POLLUTION**

**AG 18, B-15-4**

**REPORT TO ENVIRONMENTAL PROTECTION AGENCY SAYS LEAD-FREE GASOLINE COULD BE PRODUCED WITHOUT RAISING PRICE OF GAS ONE CENT PER GALLON**

**S7, B-4-2**

**LEAD IN AIR DANGER MINIMIZED BY NATIONAL RESEARCH COUNCIL**

**N19, A-3-1**

**DRIVERS NOT BUYING LOW LEADED GASOLINES.—COURNEY**

--1972---

JA 30, A-6-3

WILLIAM D RUCKELSHAUS SAYS ABOVE TO BE PHASED OUT & COMPLETELY ABOLISHED BECAUSE OF EFFECT ON HUMAN HEALTH

F 23, A-14-1

WASH-US PUSHES FOR TOUGH LEAD-FREE GAS STANDARDS

F 23, C-14-5

BONN-WEST GERMANY ENACTED LAW TO LOWER LEAD CONTENT OF GASOLINE

Ag 15, A-1-2

SHELL IS GIVING UP ON POLLUTION FREE GAS---HOOVER

S1, C-12-5 1Dot

TOTAL LEONARD INC., BEGINS OPERATION OF 10,000 BARREL CAPACITY PLANT AT ALMA, MICH., MANUFACTURING LOW LEAD AND LEAD FREE GASOLINES

022, B-2-3

WASH---NIXON URGED TO BAN LEADED GAS BY 1977

D4, B-5-7

EPA to post rules on lead-free gas for '75 cars

D17, C-27-4

WASH---U.S. DEBATES LOW-LEAD GAS---FIALKA

EPA ALTERS PHASEOUT-RULES FOR LEADED GAS D21, D-9-2  
WASH--EPA ORDERS ALL MAJOR STATION TO HAVE LEAD-FREE D28, B-7-1  
GASOLINE BY 1974 --1973-- S 14, A-11-1  
SEN. PHIL. HART URGES EPA TO ISSUE REGULATIONS ON LEAD AMTS  
PERMITTED IN GASOLINE N19, A-11-3 RACE  
RUSSEL TRAIN TO TESTIFY AT SENATE HEARING ON LEAD  
GAS. N 29, B-8-1  
2 DOT MO  
EPA ORDERS OIL INDUSTRY TO REDUCE LEAD IN GASOLINE BY 60-65  
PER CENT BY END OF 1970'S --1974-- MR 17, G-5-1  
WILL FACT THAT 1975 MODELS' ANTI-POLLUTION EQUIPMENT WILL  
REQUIRED XXXX UNLEADED GAS HURT CAR SALES?-- IRVIN  
MR 20, C-12-1  
NO-LEAD GAS RULE FOR '75 MODELS MAY BOOST '74 MODEL SALES-  
IRVIN

UNLEADED GAS --1974-- AP 21, A-1-1  
ONLY LEGAL FUEL FOR MOST '75 CARS; MAY BE SCARCE IN FALL-  
IRVIN AP 30, C-12-1

GMBD.CHMN.GERSTENBERG URGES FEDS TO SUPPLY AMPLE AMT. OF  
LEAD-FREE GAS FOR 1975 MODELS-IRVIN MY 3, A-5-1  
EPA ORDERS 111,000 STATIONS ACROSS USA TO HAVE AT LEAST SOME  
UNLEADED GAS BY JULY MY 7, A-5-1

CHRYSLER CORP. RESEARCH SHOWS ADDITIVE ETHYLENE DIBROMIDE & NOT  
LEAD MAY BE TO BLAME FOR 1975-MODEL CATALYTIC CONVERTER FOUL  
UPS-IRVIN MY 27, A-7-1

AAA REPORT FORESEES SHORTAGE OF LEAD-FREE GASOLINE FOR 1975  
MODELS REQUIRING IT JE 5, A-16-1

EPA ASSURES AUTO MAKERS OF AVAILABILITY OF UNLEADED GAS IN  
1975 MODEL YR. IN SEPT.-PETERSON JE 6, A-1-1

GM CLAIMS UNLEADED GASOLINE IS OVERPRICED-IRVIN  
JE 7, B-6-1

NONLEAD GAS SUPPLY LIMITED?-EDIT.

JE 23, G-1-2

CHARLES SHIPLEY OF SERVICE STATION DEALERS ASSN, OF MICH.  
WARNS NOT TO USE LEADED GAS IN '75 CARS.-IRVIN JL 4, B-5-2  
WASH-US SETS PRICE LIMIT ON LEAD-FREE GASOLINE

JL 8, B-4-4

WASH-NATIONWIDE SURVEY SHOWS 40% OF GAS STATIONS UNABLE TO  
OFFER CUSTOMERS LEADED GAS

JL 9, B-5-1

FED.OFFICIALS TO BEGIN TO CHECK DET.AREA GASOLINE STATIONS TO  
DETERMINE IF THEY ARE COMPLYING WITH NEW LAW TO STOCK LEAD  
FREE FUEL-KERWIN

JL 29, A-1-2

OFFICIALS CLAIM LARGE SUPPLY OF UNLEADED GAS TO BE AVAILABLE BEFORE

'75 MODELS INTRODUCED-IRVIN

AG 5, A-11-2

AAA CONDUCTS SURVEY INDICATING GAS STATION GIVING UP SEL-  
LING PREMIUM TO BEGIN OFFERING UNLEADED-IRVIN AG 6, B-4-3  
DET. SHELL STATION 1ST IN COUNTRY TO PASS EPA 'S TEST RE-  
QUIRED TO BE OFFERED FOR '75 MODEL CARS-IRVIN

-----1974-----

AG 7, A-2-4

3 OUT OF 5 GASOLINE STATIONS IN MICH. DHGD. BY AAA OF OVERPRICING

UNLEADED GAS 1-3¢ A GALLON-HANSEN

AG 29, A-3-1

AMERICANS TAKING 1975 CARS INTO CANADA WARNED OF UNLEADED GAS

SHORTAGE-IRVIN

S 22, A-3-4

SAN DIEGO-MEXICO TO OFFER UNLEADED GASOLINE AT GOVT.-OWNED

PEMEX STATIONS

S 23, A-9-4

CINCINNATI-NO-LEAD GASOLINE SHORTAGE FEARS AT US BORDERS BUT

NOT IN US

S 27, E-7-1

WASH-CONSUMERS UNION FILED SUIT DEMANDING REFUND FOR DRIVERS

WHO BOUGHT NO-LEAD GAS EARLIER THIS YR. BEFORE PRICE LOWERED

S 27, F-8-2

PPG INDUSTRIES SAYS TESTS BY CALIF. AIR RESOURCES BD. SHOWS FUTURE

EMISSION STANDARDS CAN BE MET WITHOUT RESORTING TO UNLEADED

GAS USE IN CARS-IRVIN

05, B-8-1

WILL NOT BE ABLE TO GET LEAD FREE GAS FOR 1975 MODELS

IN RURAL AREAS OF CANADA-IRVIN

D 25, B-5-7

WASH-EPA RULING ON LEADED GASOLINE STRUCK DOWN BY FED. APPEAL

COURT

1975

**GASOLINE: LEADED**

JA 30, A-10-1

WASH- FEDCT. VOIDED REGULATIONS THAT WOULD HAVE FORCED  
REFINERS TO REMOVE LEAD FR HIGH OCTANE GAS. PETERSON  
MY21, C22-3

GULF OIL PAID FEDERAL GOVT. \$5,250 FINE FOR CASE INVOLVING  
SERVICE STATION SELLING MISLABELED FUEL.

--1976--

MR 20, A-2-2

WASH-US CT. OF APPEALS RULED EPA CAN ORDER REDUCTIONS OF LEAD  
IN GASOLINE TO HEAD OFF PUBLIC HEALTH HAZARDS

AP 1, E-1-1

DC-JUDGES SAID TOO QUICK TO GET LEAD OUT-PETERSON

JE14, A-5-6

SUPREME CT. CLEARED WAY FOR ENFORCEMENT OF FEDERAL

REGULATIONS REQUIRING STEADY REDUCTION IN LEAD CONTENT  
OF GAS.

JL8, G-1-1ST

EPA TO DELAY RULES REDUCING LEAD CONTENT IN GAS  
FOR SUMMER.

-1976-

S 25, A-2-2

DC-EPA DROPS PLAN TO CUT LEAD LEVEL IN GASOLINE

-1977-

AP 14, C-1-3

PREMIUM NO-LEAD OFFERED-IRVIN

JE 12, B-2-3

HAZARDS ASSAILED

O 18, B-2-1 N

FARMINGTON-SECURITY SERVICES INC. TO FACE \$90,000 PENALTY FOR  
USING LEADED GASOLINE IN CARS DESIGNED FOR UNLEADED GAS ONLY

---1978---

JA 5, B-4-1 D

WASH-EPA WARNS OF CRACK DOWN ON SERVICE STATIONS THAT PUT  
LEADED GAS IN CARS REQUIRING UNLEADED FUEL

MY 5, A-14-5

PITTSBURGH-MOBIL STOCKHOLDER COMPLAINS IT MAKES HIS CAR  
KNOCK

JE 27, A-16-3

NY-ENGINE KNOCK RETURNS WITH UNLEADED FUEL-MERZER

JL 16, B-6-1

DC-HIGH USE OF LEAD-FREE-GAS-CARS WITH CHEAPER LEADED GAS  
MAY POLLUTE THE AIR MORE

AG 12, A-17-4

AUTO CLUB OF MICH. SURVEY SHOW NO SERIOUS PROBLEM OF SUBSTITU-  
TION OF LEADED FOR NO-LEAD GASOLINE IN NEW VEHICLES

**WHY SHORTAGES OF LEAD-FREE GAS?-EDIT**

**N 28, A-14-1**

**SHORTAGE IN MICH**

**N 30, B-3-1 E**

**SHELL OIL CUTTING SUPPLIES TO DELAERS, MICH DRIVERS TO PAY MORE.-BULGIER**

**D 2, A-1-2**

**D 18, A-1-6**

**CHGS THAT DET STATIONS HAVE ENGAGED IN CONSPIRACY TO SELL LEADED GASOLINE FROM NO-LEAD PUMPS BEING INVESTIGATED-WARR**

**EN**

**D 19, B-1-6**

**LEADED SOLD AS UNLEADED: TESTS CONDUCTED-WARREN**

**D 21, A-14-1**

**HOW TO PROTECT VICTIMIZED CONSUMER-EDIT**

**D 30, A-1-5**

**DOZEN DET STATIONS SOLD UNLEADED AS LEADED-BOHY**

**D 31, A-2-1**

**CLOGGED CONVERTER CAN FOUL CAR, FROM UNLEADED GAS-BULGIER**

**JA 1, A-18-1**

JA 1. A-1-1

JA 20, A-1-1

JA 20, B-1-5

JA 20, B-1-1

JA 21, B-1-1

AG13, A-4-1

**-PETERSON**

MR 19, A-2-1

FED RULE AGAINST LEADED GAS MAY BE RESPONSIBLE IN DROP IN  
BLOOD-LEAD LEVELS OF U.S. RESIDENTS

GASOLINE : LEADED

1982

ATLANTA-DROP IN AMOUNT OF LEAD IN AMERICAN BLOOD DROPPED  
35.7%, LINKED TO CHANGE IN FUEL MR 21, A-14-3  
AG 2, A-2-1

DC-ENVIRONMENTAL PROTECTION AGENCY PREPARING TO STRENGTHEN  
RULES REQUIRING REDUCTION IN AMOUNT OF LEAD.

DC-STRICKTER RULES PROPOSED BY ENVIRONMENTAL PROTECTION A-  
GENCY TO REDUCE LEAD EMISSIONS BY REFINERIES AG 24, A-4-5  
S 5, A-10-1

ENVIRONMENTAL PROTECTION AGENCY TAKES THE LEAD OUT.-EDIT  
O 29, A-8-1

NY-NEW RULES TO LIMIT AMT OF LEAD IN GASOLINE.

-1983- MY 13, A-1-2  
20% OF GAS TESTS SHOW ILLEGAL MIX-SMITH JE 9, D-2-1

HUMAN LEAD LEVELS DOWN AFTER NON-LEADED GASOLINE BECOME AVA  
ILABLE

-1983-

S 22, A-3-6

LANS-BILL SEEKS TO ESTABLISH STATEWIDE GASOLINE MONITORING  
SYSTEM.

-1(\*\$-1984-

JA 2, A-2-4

CHICAGO-LEADED GAS FUMES ARE POISONOUS, STUDY SAYS

MR20, B-4-5W

UNION 76 STATION AT PLYMOUTH & LEVAN IN LIVONIA ACCUSED OF  
SELLING TAINTED GAS THAT DAMAGED AT LEAST 20 CARS-WARREN

AP 3, B-6-1E

MORE THAN 50 CLAIMS FILED FOR CAR DAMAGE CAUSED BY CONTAMIN  
ATED GASOLINE BOUGHT AT LIVONIA STATION-WARREN

AP9, A-3-6

CARS THAT GOT BAD GAS TO GET FREE TEST

AP9, A-7-5 D

DC-U.S MAY BAN LEADED GAS AS EARLY AS 1988.

MY23, H-8-1N

STATE VOWS SUIT OVER TAINTED GASOLINE-WARREN

# GASOLINE : LEADED

1984

- DC-EPA PLANS DRIVE ON LEADED GAS JL 30, A-2-13DOT
- DC-EPA WANTS TO CUT LEAD IN GAS BY 91% BY 1986 JL 31, A-1-5
- SOME TIPS TO REDUCE LEAD CONTAMINATION JL 31, A-4-3
- DEALERS DUCK BLAME FOR HIGH USE OF LEADED GAS Ag5, B-8-5
- GETTING LEAD OUT OF GAS.EDIT AG6, A-6-1
- INFORMATION GIVES ADDED URGENCY TO EPA'S PROGRAM TO REDUCE AG 27, A-1-2
- AND PERHAPS REMOVE LEAD FROM GAS. S 18, A-10-2
- WINDY CITY'S EMISSIONS-EDIT
- 1985- Mr 5, A-1-5
- DC-refiners told to cut lead in gas by 91% Mr., a

-1985- Mr 21, A-10-1

6 metro area service stations charging for premium gas but pumping unleaded or regular.

Mr 22, A-16-1N

6 stations chgd as gas cheats-Warren Je 27, F-7-1  
Lans-EPA proposal to ban leaded gas would hurt framers.

Jl 1, F-10-1

DC-lead levels cut by refiners

N 4, A-1-2

DC-EPA says 4 vehicles smog devices tampered

-1986-

Je 11, A-13-1

Amoco intro new premium lead-free gasoline

-1987-

Ap6, B-3-2

Low demand pushes leaded, unleaded prices the same-Warren

Jl 27 A-14-1

Gas vapor canisters would turn cars into fire traps, says

Dingell.--Edit

GASOLINE: LEADED

1987

D 20 A-4-3

EPA gives stations more time to get the lead out.

-1989-

S 28 A-1-1 1DotX

ARCO's new EC-1 cuts pollution by 20% in older cars that  
use leaded gasoline

-1991-

D 29 A 3-3

Only unleaded gas can be sold in California

-1992

My 5 B 1-2

Supply of leaded gas dries up for older cars.. It is hard  
to find-Deep

-1998

Ja ja 01 B 3-1

Beijing bans sale of leaded gasoline; 1 of most polluted  
cities in world

1973

GASOLINE: LOUISIANA

N 25, A-18-1

NEW ORLEANS-LA. RETAIL GAS. ASSN. WARNS OF POSSIBLE COMPLETE END TO GAS SUPPLY IN STATE BY END OF NOV.

GASOLINE: MARYLA D

1954

MY 29, 21-3

BALTIMORE—MYSTERIOUS UNDERGROUND SEEPAGE OF GASOLINE HERE RESULTS IN  
REQUEST BY CITY FOR HELP FR. U.S. UR OF MINES

BOSTON-HIGH TEST GASOLINE LEAKING INTO STORM DRAINS FR. UNKNOWN SOURCE  
SPREADS DANGER OF A FIRE & BLAST OVER HALF MILE SECTION OF CITY

---1977---1

\$ 10, 1-4 NITE  
D 2, A-8-3

BOSTON-PRANKSTERS SPILL 600 GALLONS OF GAS FROM SERVICE STA-  
TION PUMP INTO STREETS& SEWERS OF BOSTON, RESIDENTS EVACUATED,  
EXPLOSIONS

GASOLINE : MEXICO

1940

Form 1656

MR 25, 2-1

GUADALAJARA-GASOLINE SHORTAGE STALLS TRUCKS, AUTOS

---1943---

D 26, 4-6-8

MEXICAN SHIPMENT FROM GUAYMAS AVAILABLE AT NOGALES.

--1944--

MY 28, 4-9-4

MEXICO CITY- 2,125 GOVERN. CARS PARALYZED BY SHORTAGE

---1955---

JE 1, 2-1

MEXICO CITY- INVESTIGATION OF GASOLINE FRAUD

GASOLINE

:

MICH.

1929

Ja 24, 44-1

Form 1656

Repr. Frank Darin presents bill to ht. legislature making it a misdemeanor to sell auto gas or oil und. false representations

Ja 31,, 26-5

Dealer's license proposed at Lansing

My 1, 43-4

Senate enrolled Act #57, of Sen. Howells, gas containers must be painted red - bill signed by Gov. Ap 30

1931

My 20, 12-6

Davidson bill to require surety bonds from gas distributors passed by Senate

1932.

Mr. 20, 32-2  
Je 21, 35-7

FRANK D FITZGERALD ASKS LAW STANDARDIZING GAS

1933

AP 16, 5-12-3

FREIGHTER BREAKS ICE TO END GAS FAMINE IN CHARLEVOIX DISTRICT

Je 1, 28-6

HORATIO C

1933-----	JE 1, 28-6
HORATIO J ABBOTT OIL CO GETS STATE GAS CONTRACT	S 28, 4-8
STATE PURCHASING BD CONCEEDS RIGHT TO ABBOTT'S MONOPOLY IN THIS DISTRICT	D 15, 26-7 CS
300 GAS WHOLESALERS FACE LOSS OF LICENSES	AG 8, 26-6
-----1935-----	O 8, 27-1 NITE
GOTHAM TERMINAL CORP WARNED AGAINST STORING GASOLINE IN BARGE TANK	---
-----1936-----	---
CHAS. V. LANE ASKS FOR MORE STRINGENT LAWS ON HANDLING OF VOLATILE LIQUIDS	---
-----1937-----	AP 23, 49-3
HOUSE PASSES BILL REQUIRING OIL TRANSPORT TRUCKS TO CARRY IDENTIFICATION	AP 27, 5-1
HOUSE PASSES BILL MAKING TECHNICAL AMENDMENTS TO LAW CONTROLLING & REGULATING THE BONDING OF WHOLESALE GAS DISTRIBUTORS	---
-----1938-----	MY 1, 1-10-5
OIL TANKER "TRANSOIL" DOCKED IN LEGAL CONTROVERSY	S 13, 27-7
JOHN B. STRANGE URGES "GOOD GASOLINE" LAW	---
-----1939-----	MR 7, 25-6
REP. V. KNOX INTRO BILL TO REGULATE MOTOR FUELS	MR 28, 25-3
SEN. L. J. PATERSON INTRO BILL TO REGULATE & PROSCRIBE REQUIREMENTS FOR GASOLINE	MR 31, 4-3
BEN. HITTLE INTRO BILL TO LICENSE ALL RETAIL DEALERS	---

# GASOLINE : MICHIGAN

1940

Form 1656

Ag 13, 7-2

STATE COMM. PETROLEUM DEALERS' ASSN. ASKS STATE CONTROL

---1941---

AP 11, 15-1

HOOPER BILL REQUIRES BRAND NAMES ON PUMP; HITS SNOG

AP 17, 14-4

HOOPER GAS BILL PAST 70-15

---1942---

MY 21, 15-2

QUALITY OF GAS LIKELY TO BE LOWERED

AG 21, 1-2

HAULING OF AUTO GASOLINE BY RAIL TO MICH. BANNED

N 11, 1-3

BATTLE CR. - WILBERT MILLER FINED AT RATE OF \$1 A GAL. FOR STORING 55 EX

GALS. OF GAS IN HOME

N 12, 40-7

REPORTS SURPLUS GAS DESTROYED DENIED

---1943---

Mr 27, 1-6

JACKSON-<sup>R</sup> RICHARD HODGES AND 80 GALS. GAS SEIZED

JE 23, 31-2

F.R. FRYE CALLS STATE'S SUPPLY DANGEROUSLY LOW

---1945---

JL 29, 1-14-5

HUDSON-FRANK MILLS, HEAD OF LENAWEE CO OPA OFFICE, RUNS OUT ON WAY TO OFFICE

AG 2, 1-7

LARGE QUANTITY IN LINCOLN PARK SEWER AS RESULT OF VANDALS TAMPERING WITH TANK ON TRUCK

O 10, 9-6

JAXON-RAY A JOHNSON FINED \$25; STORED GASOLINE

---1946---

JL 8, 21-1 NITE

ST LOUIS-SHOW TROUPE'S TENT STAKE COSTS LEONARD REF NERY CORP OVER 100,000 GALLONS GAS

---1947---

JA 26, 1-1-6

JL 2, 20-4 NITE

JL 3, 5-6

AG 28, 8-4

O 21, 1-4

N 1, 19-5

D 24, 7-4

Ap 5, 2-7

Ap 20, 9-3

My 12, 35-3

My 22, 17-8

Je 11, 36-5 BS 2

Ap 8, 7-1

O 25, 21-5

D 22, 25-1

S 6, 22-2

STATION

WALTER WILSON ORDERS FUEL OIL, GETS GASOLINE: CATASTROPHE AVERTED-

NOT MUCH CAN BE DONE TO ALLEVIATE SHORTAGE

FACTORS CAUSING SHORTAGE TO BE REMEDIED WITHIN 60 TO 90 DAYS

SUPPLIES IN STATE PLENTIFUL FOR LABOR DAY TRIPS

GASOLINE UP 1/2 A GAL.: ALSO FUEL OIL PRICE INCREASE ANNOUNCED-

BAY CITY-SGAINAW VALLEY OIL DEALERS SOLD ENOUGH GAS FOR ALL

AUTO CLUB MICH WARNS MOTORISTS TO KEEP TANKS FULL OVER HOLIDAYS-

PT HURON-SCOUTS RETRIEVE GASOLINE SOLD AS KEROSENE-

GD RAPIDS-CHESTER C WELLS SAYS TOURISTS TO GET GAS

RANKIN PECK WARNS OF CRISIS IN WINTER

TOURISTS ASSURED OF AMPLE GASOLINE-

FARMERS PETROLEUM CO-OP. INC. FORMED TO ASSURE FARMERS OF GAS

BILL SIGNS AUTHORIZING CITY CODES FOR SAFETY

GD RAPIDS-BUYERS OF EXPLOSIVE FUEL OIL SOUGHT-

FLINT-SEEK SOURCE OF GASOLINE IN SANITARY SEWER, IMPERILS 9 HOMES

FLINT-700 GAL. GAS SPOUTS FR UNDERGROUND TANK AT SERVICE

STATION

---1948---

---1949---

---1951---

SEN HITTLE PROPOSES AMENDMENT TO HOUSE BILL TO REQUIRE GAS STATION  
TO PRINT OCTANE STANDARDS ON PUMPS IN LETTERS 2 IN. HIGH

F 21, 16-2

—1953—

O 23, 14-1

FLINT-HENRY WILLIAMSON FINED \$60 FOR DELIVERING ASOLINE INSTEAD OF  
FUEL OIL TO LABOR TEMPLE HERE CAUSING A \$200,000 FIRE

—1954<sup>1</sup>—

MR 30, 31-2

ALL FLAT ROCK- GASOLINE-TAINTED FUEL OIL SOLD BEEN RECOVERED.

P 8, 5-1

WAYNE KERBY MISTAKENLY DELIVERED GAS INSTEAD OF FUEL OIL AT 2 HOMES

MY 20, 1-6

FLINT LAST 10 GALLONS OF GASOLINS SOLD BY MISTAKE AS FUEL OIL IS HUNT  
ED

MY 27, 22-4

CLARENCE SMITH FINED \$35 FOR NEGLIGENT HANDLING OF FLAMMABLE LIQUID  
IN GASOLINE FUEL MIX UP

JL 28, 8-3-1H

3 GAS FILLED TANK CARS ROLL THROUGH MUSKEGON

—1955—

JAXRXXKXKXKX

~~REXXTHREAXENXERLINXKXKXKX~~

JA 1, 14-2

MRS EFFIE HOLMES BURNED FR GASOLINE EXPLOSION

JL 27, 1-2

LEAK IN GAS TANK CAUSES FIRE & EXPLOSION AT RIVER ROUGE

—1955—

JL 28, 11-4

COURT ACTION ASKED TO STOP GAS LEAKAGE FR CO ON ROUGE RV.

N 30, 37-4

LANSING-NEW SAFETY STANDARDS REG LATING HANDLING & USE OF FLAMMABLE LIQUIDS TOBE WRITTEN INTO MICHIGAN'S ADMINISTRATIVE CODE

-----1956-----

F 24, 3-4

FIRE CHIEF GILLIGAN OF DEARBORN SAYS LEAK IN GASOLINE TANK OF AT  
FORT & DIX IS DANGEROUS

MR 8, 3-8

FLINT-Geo. H WELL & FAMILY FOUND IN TIME TO PREVENT DISASTER WHEN THEY  
USE BY ISTAKE "FUEL OIL" THAT IS HALF GASOLINE

JL 28, 3-2

UTICA-HAROLD BARLEY'S FAMILY LEAVES HOUSE BECAUSE ABOVE WAS DUMPED IN  
SEWER BY MISTAKE

D 13, 8-4

SAGINAW-FIRE HYDRANT HERE SPREWS MIXTURE OF WATER & GASOLINE

D 22, 2-3

PART OF WILLOW RUN X-WAY CLOSED TODAY AFTER 4,200 GALLONS OF GAS SPILL  
EDON ROAD

-----1958-----

AG 30, 13-1

MRS. MARY CHASE STOPPED IN TIME FRO MUSING GASOLINE FOR FUEL OIL WHICH  
SHE BOUGHT FROM MUTTONVILLE, MICH. GASOLINE STATION

O 16, 60-1

HILLSDALE-TANK TRUCK DRIVER HERMAN PETTIT FINED \$29 FOR ACC. FLOODING  
VEGETABLE GARDEN WITH GASOLINE

D 27, 6-6

REDFORD TWP-TANK TRAILER FILLED WITH GASOLINE RAMS CAR; 5 HURT

---1961---

JE 30, A-3-4

DEARBORN TWP-TRUCK & TWO TRAILERS OVERTURN & SPILL FOUR INCH DEEP  
FLOOD OF GASOLINE

ST. CLAIR SHORES-HOW OSCAR THEANDER JR.'S WIFE BETTY AVERTED TROUBLE  
WHEN WITHOUT KNOWING HE POURED FUEL OIL INTO SPACE HEATER BY MISTAKE

O 16, A-3-2

---1962---

MR 5, A-3-2

BEAVER ISLAND-RESIDENTS HERE ICEBOUND AWAIT GASOLINE FROM U.S. COAST  
GUARD-AS THERE IS SHORTAGE ON ISLAND/---1963---

AP 22, B-8-4

DAMAGED TANK AT S ROUEF BOAT LIVERY IN HARRISON TWP FOUND TO BE LEAKING  
GAS INTO THE WATER-HELD 10,000 GALLONS OF GAS-NO FIRE STARTED

JL 9, A-12-1

MICH. LICENSED DRIVERS BURNED ALMOST 3 BILLION GALLONS OF FUEL IN 1962

---1964---

MR 28, A-1-3 FIN3

MEMBERS OF RETAIL GASOLINE DEALERS ASSN. OF MICH. PLANNING TO START  
COLLECTING MICHIGAN'S 4% SALES TAX FROM MOTORISTS MAY 1

MR 28, A-3-1

LANSING-GASOLINE TANK TRUCKS WOULD BE HELD TO SPEEDS OF 25 MILES AN  
HOUR IN CITIES, VILLAGES & WELL POPULATED TWPS. UNDER BILL PASSED-RUDOW

JE 23, A-3-7

LANSING-MOTOR FUEL CONSUMPTION IN MICH. TOPPED 3 BILLION GALLON MARK  
FOR FIRST TIME

--1965--

My 10, B-10-7

WADHAM-SHADY ACRES REST HOME EVACUATES, TRAFFIC ON M-21 HALTED AS POLICE FEAR PROPANE GAS LEAKING FROM FUEL CO'S TANK MIGHT EXPLODE

--1966--

JA 6, C-1-6 Z 3

VAUGHN E. BRATTEN, GROSSE PTE, PK, FINED \$250 PLUS \$25 COSTS FOR LEAVING HIS TRUCK UNATTENDED WHILE IT DISPENSED GAS AT DANCE STATION D27 IN GARDEN CITY

F 4, A-15-5

GASOLINE TANK TRUCK EXPLODED & BURNED FEB 3 ON EASTBOUND I-94 BRIDGE OVER TELEGRAPH, DRIVER, FRANK H QUINCE, UNHURT

F 4, D-20-6

SPECTACULAR BLAZE, FIREMEN FROM 3 COMMUNITIES AT ABOVE

F 6, A-2-1

GASOLINE SEEPING INTO DRAINAGE-SEWAGE SYSTEM FROM PAT'S CAR WASH CAUSED SERIES EXPLOSIONS & SET FIRE TO ECORSE CREEK IN LINCOLN PK.

MR 22, A-1-1

59 MEN OVERCOME BY GAS TODAY AT TRENTON PLANT OF MCLOUTH STEEL CORP. WHILE REPAIRING A BLAST FURNACE-SUGO

MY 23, A-1-1

HOWELL-NEIGHBOR BURST INT HOME OF MRS. WM. GOUCHER TO TELL HER THAT HER STOVE WAS FILLED WITH WHITE GASOLINE, INSTEAD OF FUEL OIL, SECONDS BEFORE SHE LIT FIRE

AG 10, B-11-4

LANSING-STATE HIGHWAY COMMSN. SAID DRIVERS IN MICH. USED AVERAGE 812 GAL -LONS MOTOR FUELS IN 1965-TOTAL OF 3.5 BILLION GALLONS FUEL CONSUMED MOST WILL CLOSE OVER HOLIDAYS

D 17, A-9-3

--1968--

O 9, A-2-1

LANSING-MICH. MOTORISTS BURNED UP 3.52 BILLION GALLONS OF MOTOR FUEL DURING 1967

GASOLINE: MICHIGAN

N 19, A-12-1 1968

ALL BUT 7 GALLONS OF 85 SOLD AS ~~RMKE~~ FUEL OIL HAS BEEN RECOVERED IN OAKLAND CO. ---1969---

JA 13, D-5-8

ANSING A MIXTURE OF GASOLINE AND FUEL OIL WAS MISTAKENLY OLD AS FUEL OIL TO SEVERAL RESIDENTS.

--1971--

N 26, C-1-1 N

WATERFORD TWP<sup>14/0</sup> OFFICIALS ASKED POLICE TO INVESTIGATE COMPLAINTS THAT FRENCH SAND & GRAVEL CO STORING GAS & OIL AT SITE NEAR KETTERING HIGH--NELSON

---1972---

JA 3, A-1-4

MIDLAND--3,000 RESIDENTS ALLOWED TO RETURN TO HOMES AFTER POTENTIALLY EXPLOSIVE GASOLINE FLUSHED FROM CITY'S SANITARY SEWER SYSTEM--TITTSWROTH

JA 4, A-2-

CLEANUP OF 4,000 GALLONS OF ABOVE DUMPED INTO MIDLAND SEWER SYSTEM OVER WEEKEND CONTINUED IN TITTABAWASSEE RIVER SOUTH OF SAGINAW

JA 8, A-8-1

AMERICAN OIL CO ATTORNEYS ORDERED TO APPEAR IN COURT TO ANSWER CRIMINAL CHARGES INVOLVING GASOLINE SPILL NR MIDLAND

--1972--

AP 22, B-10-1

CITY OF MIDLAND SUING 3 FIRMS IN ACCIDENTIAL SPILLAGE  
OF 4,000 GALLONS OF GASOLINE INTO SEWER SYSTEM JA 2

020, A-14-1

SAGINAW---MOBIL OIL CORP., UNDER SURVEILLANCE BY MICH. WATER  
RESOURCES COMM., IN MUSKEGON NEIGHBORHOOD WHERE GASOLINE  
SEEPING INTO GROUND WATER HAS POSED THREAT TO RESIDENTS  
FOR NEARLY A YEAR---KERWIN

--1973--

F22, C-8-2

FLINT---RUPTURED GAS LINE FORCED EVACUATION OF 2,000 RESI-  
DENTS AND EARLY CLOSING OF EASTLAND MALL SHOPPING CENTER

AP5, D-12-1

GAS SHORTAGE TO CUT ~~RAV~~ TRAVEL IN MICH.?--IRVIN

AP18, A-3-1 RACE

LANSING-----ALLISON BREWER SAYS INDICATIONS ARE THAT GASOLINE  
SUPPLIERS INVENTORIES ARE DOWN 25% AND THEY WILL HAVE TO SEL  
L GASOLINE TO DEALERS ON A LIMITED BASIS---SCHUSTER

AP19, B-9-1 RACE

ANN ARBOR---GOVERNMENTAL UNITS AWAIT BIDS ON GASOLINE

1973

~~GASOLINE : MICHIGAN~~

MICH FARM BUREAU REPORTS FARMERS FEEL GAS PINCH. BROGAN  
AP 26, A-21-1  
AP 26, B-2-1 E

MACOMB FACES GAS SHORTAGE. DOERR  
MY1, B-1-1 E

MACOMB CO. B. DOMM. MAY ASK FED. GOVERNMENT TO SET UP GASOL-  
INE ALLOCATION SYSTEM TO PROVIDE FUEL ON A PRIORITY BASIS  
TO POLICE AND FIRE DEPARTMENT & OTHER GOVERNMENTAL UNITS---  
SCHABATH  
MY1, B-3-4 RACE

BAD AXE---BUSINESS LIFE RETURNING TO CITY AFTER WEEKEND  
BATTLE WITH LEAKING UNDERGROUND GASOLINE TANK SPREAD FUEL  
AND FUMES INTO SANITARY SEWER SYSTEM  
MY 3, A-21-1

TRUCK FIRMS LOSING FUEL GUARANTEES. MY10, B-1-5 N

NOVI---NATIONAL FUEL CRISIS FORCED CITY TO SHELVE PLANS FOR  
EXPANDING SIZE OF ITS BULK GASOLINE PURCHASES---ROACH  
MY18, A-3-4

GASOLINE SHORTAGES GROW AT INDEPENDENT STATIONS

-----1973----- MY18, A-15-1

LANSING---FARMERS FACE GAS CRISIS, TOO---SANDNER

MY24, A-3-1

LANSING---MICHIGAN MAY ACT QUICKLY TO CUT SPEED LIMITS  
BY 10 MPH TO CONSERVE GASOLINE---SCHUSTER MY25, B-10-1

LANSING---MILLIKEN SEEKS ENERGY PLAN---ENGLE  
MY25, B-10-1

HOLIDAY MOTORISTS TOLD TO FILL TANKS DURING DAY  
MY25, B-10-1

GASOLINE SHORTAGE IS BLAMED IN SHUTDOWN OF 3 STATIONS---  
SILK MY27, A-3-1

'BOOM' WORRIES INDEPENDENT GASOLINE DEALERS---RUSSELL  
MY29, B-2-1 E

MACOMB Co.---COUNTY FACES LIMITED-SUPPLY STARTING JUNE 1---  
RAMM

AAA SAYS NO GAS PINCH YET  
JE1, A-3-1  
JE1, B-1-1 W

WESTLAND---ERNEST MURPHY, 62 OPERATOR OF THE GO STATION,  
INC., CLOSES STATION FOR LACK OF GASOLINE---ASHENFELTER

CANADIAN MARINA OWNERS ALONG LAKE ST. CLAIR AND DETROIT RIVER MAY GET ADDED INCOME FROM U.S. BOATERS FACING GAS SHORTAGE-BROGAN

JE 2, A-5-1 E

GAS PRIORITY LAWS ASKED 588 OF STATE AND FED. LAWMAKERS BY FARMINGTON CITY COUNCIL-ROACH

JE 7, B-6-1 N

MARINE-CITY, MICH.---RESOLUTE ON GASOLINE TRUCK BAN---BROGAN

JE8, A-3-1

JE8, B-17-1 E

G.P.FARMS TO BARGAIN FOR ADEQUATE GAS SUPPLIES

JE12, A-3-1

AAA SAYS ENOUGH GASOLINE FOR VACATIONS MT PLEASANT INDEPENDENT DEALER OF GULF PRODUCTS, WALTER BLODGETT, TELLS SENATE ANTI-TRUST AND MONOPOLY SUBCOMMITTEE OF GAS SHUTOFF BY GULF-KENTERS

JE 13, C-8-1

JE 15, A-1-1

CANADA TO CURB GAS & OIL SUPPLY TO U.S. EFFECTIVE MIDNIGHT TONITE; WILL EFFECT IN PARTICULAR, DETROIT'S ENTERPRISE OIL AND GAS CO., CHRYSLER'S SUPPLIER-WARD

--1973--

JE 17, E-14-1

CANADIAN GAS EXPORT EMBARGO MAY DRASTICALLY HURT CHRYSLER  
CORP. WHICH IMPORTS 45% OF GAS FROM CANADA-GAINOR

JE19, B-1-1 N

TRO:---TO BUILD GIB FUEL TANKS TO INCREASE CITY'S STORAGE  
CAPACITY OF GASOLINE AND DIESEL FUEL---ILKA

JE21, B-12-1 W

DEARBORN---FLEET OF MUNICIPAL TRUCKS AND CARS STILL HAVE  
GAS--GULF AGREES TO 30 DAY CONTRACT

JE22, A-2-4

AA AUTO CLUB SAYS GASOLINE SUPPLY ~~XXXXX~~ ADEQUATE FOR WEEKEND  
TOURISTS

JE27, A-3-1

LANSING---REP. PERRY BULZARD SEEKS RISE IN CAR LICENSE PRICE  
TO ENCOURAGE USE OF SMALLER CARS---SANDNER  
SUPPLY OF GASOLINE IN DETROIT AND SOUTHERN MICH. DUE IN  
JULY---DOUGLAS

JL1, B-12-4  
JL1, B-12-5

LANSING---AMOCO OFFERS STATE'S FLEET OF VEHICLES SUPPLY OF  
GASOLINE

JL 3, A-15-1

AAA SAYS ENOUGH GASOLINE AVAILABLE FOR 4TH HOLIDAY TRAVEL  
MANY GASOLINE STATIONS IN MICH. CLOSING EARLY IN EVENING

JL5, A-1-1

**GASOLINE: MICHIGAN**

**1973**

**JL6, A-9-1**

**AUTO CLUB WARNS TRAVELERS TO FILLUP TANK EARLY BEFORE DARK.**

**JL 12, B-6-6 W**

**DBN. HTS. PONDERES ACTION AS ATLANTIC RICHFIELD CO. CUTS THEIR GAS SUPPLY-ANKENY**

**JL13, B-2-1 N**

**SCHOOLS FEEL GASOLINE PINCH IN SOUTHFIELD SCHOOL DISTRICT**

**JL 19, A-3-1**

**SUBURBAN SCHOOLS MAY HAVE TO CURTAIL OR HALT BUSSING OF STUDENTS DUE TO FUEL CRISIS-WESSMAN**

**JL 20, A-2-3**

**AAA OF MICH. SAYS FUEL SUPPLY ADEQUATE THIS WEEKEND**

**JL22, B-16-1**

**GASOLINE CRISIS HURTS RESORTS: TOURISTS SCARED OFF--DAMMANN**

**JL23, A-9-1**

**GRAND RAPIDS---'9 SERVICE STATIONS CLOSE DUE TO FUEL SHORT-AGES**

**JL 27, A-3-4**

**6 GAS STATIONS IN VILLAGE OF VICKSBURG SHUT DOWN.FLEMING**

-1973-

JL 27, A-3-1

AUTO CLUB OF MICH SAYS FEAR OF GAS SHORTAGES JOLTS MICH.  
TOURISM DOUGLAS

JL29, E-3-1

NO WELCOME MAT FOR TOURISTS---EDIT. JL28, A-1-2

SOME DEALERS WILL GET MORE GASOLINE---DOUGLAS

Ag1, B-10-1 D

SCHOOL BUSES FACE FUEL SHORTAGE---WEISSMAN

Ag3, A-4-1

AAA SAYS FUEL SUPPLY IMPROVING IN MICHIGAN Ag 24, A-4-1

AUTO CLUB SAID NOT ~~ALL~~ ALL GAS STATIONS HURT BY BOYCOTT

Ag 31, A-1-2

DEALERS THREATEN S 7 GAS STATION CLOSINGS-WISLER/KENTERA

Ag 31, A-9-1

AUTO CLUB SAYS PLENTY OF GAS AVAILABLE FOR LABOR DAY WEEK-  
END

N 3, A-4-1

COLD WINTER AHEAD-EDIT.

N 10, A-3-1

DET. POLICE DEPT. MOTOR TRAFFIC SECTION REPORTS LITTLE  
SLOWING DOWN BY MOTORISTS IN DET. TO CONSERVE GAS-CAUFFIEL

1973

GASOLINE: MICHIGAN

UTICA COMMUNITY SCHOOL BUSES LOSE 10% OF SUN OIL CO.'S	N 13, B-1-1 E
ALLOCATED GAS SUPPLY FOR NOV.-WALTER	N 14, B-16-1
LOWER SPEED LIMITS URGED-EDIT.	N 14, A-1-1
GAS-RATION THREAT PERILS SKI INDUSTRY IN MICHIGAN-BERRY	N 14, B-16-3
IS ANYONE PAYING HEED TO THE PRESIDENT?-O'BRIEN	N 17, A-16-1
Gov. MILLIKEN SEEKS 60 MPH SPEED LIMIT. ENGLE.	N 21, A-1-1
THEM IMPACT OF SUNDAY DRIVING BAN ON MICH.	N 22, B-6-3
MICH.'S REGISTERED BOAT & SNOWMOBILE OWNERS BEING ASKED	
TO PARTICIPATE IN VOLUNTARY GAS SAVING PROGRAM REDUCING	
FUEL CONSUMPTION FOR THESE REC. VEHICLES BY 15%	N 23, B-2-1 D
DET. NEWS SURVEY SHOWS NATURAL CAR POOLING AMONG HIGH	
SCHOOL STUDENTS-O'CONNOR	

--1973--

N 25, A-21-1

CARO-MICH. INTERNAT'L SNOWMOBILE ASSN. URGING VOLUNTARY  
CUT IN GASOLINE USE BY SNOWMOBILERS

N 26, A-1-1

MICHIGAN FUEL CURBS MAY BE STRONGER THAN US'. ENGLE

N 26, A-3-1

SUNDAY DRIVERS MAY SKIRT STATION CLOSINGS. IRVIN

N 26, D-1-1

SUNDAY CAR BAN---A TIME FOR LIVING. N 26, A-3-2

BLOW TO STATE'S TOURISM FEARED. SNEED N 26, A-4-5

SUNDAY STORE CLOSING NOT CONSIDERED LIKELY. ANKENY

N 27, A-1-1

CUBS ON BUSINESS HOURS, LIGHTING ASKED BY MILLIEKN. ENGLE.

N 27, -8-1

LOADED GASOLINE TANKER STOLEN IN NOVI; GULF CORP BELIEVES  
PROFESSIONALS DID IT. ROACH. ROACH N 27, A-11-1

SEMTA AIDE TOM LIPSCOMB SEEKS STRICTER AUTO CUBS. MLECZKO

OAKLAND CO. OFFICIALS OF CITIES BORDERING I-75 PREPARING  
 EMERGENCY PROCEDURES FOR MOTORISTS WHO MAY BECOME STRANDED  
 IF GAS STATIONS FORCED TO CLOSE ON WEEKENDS-ILKS  
 N 29, B-4-1 D  
 N 30, A-3-1  
 ACCORDING TO AUTO CLUB OF MICH., MOST GAS STATIONS TO BE  
 CLOSED SUNDAY D 2  
 N 30, B-2-1 E  
 CANTON TWP. REFUSED EXTRA FUEL FROM SOUTH MACOMB COUNTY  
 PURCHASING AGENTS ASSN. FOR FLEET CARS FOR ASSESSORS &  
 BUILDING DEPARTMENTS  
 N 30, C-1-1  
 SPEEDSKATERS MAY HAVE TO COMBINE USUAL 2-DAY MEETS INTO  
 ONE DAY TO CONSERVE ENERGY-VAN  
 D 2, A-1-1  
 MICH. MOTORISTS RUSH FOR FILL-UPS IN FACE OF GASLESS SUNDAY--  
 BUTCHER  
 D 2, A-12-1  
 ANY WEEKEND GAS AVAILABLE IN MICH. WILL HAVE PREMIUM PRICE &  
 MICH. POLICE WILL PATROL HIGHWAYS & PUMP 1 GAL. OF GAS FOR  
 STRANDED MOTORISTS  
 D 2, B-12-1  
 SPECIAL FORD MOTOR BUS RUNS ASKED OF SEMTA DURING FUEL CRISIS--  
 WARREN

--1973--

D 3, B-1-1 W

WAYNE CO. POLICE COVERING RURAL WAYNE CO. AREAS TO AID  
ANY STRANDED SUNDAY MOTORISTS-CAUFFIEL

D 3, A-1-2

NEWS SURVEY SHOWS 20% OF DET-AREA SERVICE STATIONS OPEN  
ON 1ST 'GASLESS' SUNDAY, D 2-RUSSELL

D 3, A-3-3

AAA ESTIMATES 90% OF MICH. STATIONS CLOSED D 2 WITH FREE-  
WAY TRAFFIC INTO DET. CONSIDERABLE LESS-IRVIN

D 3, B-1-4 N

NOVI OFFICIALS EXPECTING CURTAILMENT OF SPORTS COMPETITION IN  
S' EASTER CONFERENCE-ROACH

D 4, B-1-4 N

OCC MAY OPEN ITS ORCHARD RIDGE CAMPUS IN FARMINGTON HILLS  
TO AREA RESIDENTS TO FORM CAR POOLS TO DET.-ROACH

D 5, A-21-1

AAA ASKING ITS MEMBERS TO CUT DRIVING BY 25% DURING 1974-

D 7, A-3-5

PopA  
20% OF MICH. SERVICE STATIONS EXPECTED TO BE OPEN SUNDAY

D 9 ACCORDING TO AAA FIGURES

D 7, B-2-1 E

GP WOODS SEEKS WAYS TO SAVE GASOLINE AFTER MUNICIPAL TANKS  
WNET DRY LAST WEEKEND

**GASOLINE: MICHIGAN**

1973

SOME 'HUMOROUS' STORIES FROM MICHIGAN'S 2ND 'GASLESS' SUNDAY D 10, A-5-1  
D 9-SNEED D 1-, A-10-1  
MEET 3 AUTO COMMUTER LONG-DISTANCE CHAMPS-WARREN D 13, A-17-3  
ST. IGNACE-UP TRAVEL & REC. ASSN. PRES., LARRY RUBIN, CALLS FOR PROGRAM TO KEEP STATIONS OPEN ON SUNDAYS TO KEEP TOURISTS COMING D15, A-10-3 MO  
LACK OF FUEL DELAYS STATE CROP SHIPMENTS. D15, A-11-4  
AAA REPORTS SOME GAS STATIONS TO BE OPEN SUNDAYS. D17, A-3-3  
TIGHT GAS SITUATION DOESN'T STOP MICH. SKIERS THSS WEEKEND. D19 A-3-3  
FUEL CRISIS CUTS CHRISTMAS TRAVEL- ANKENY D21, A-8-2  
AUTO CLUB WARNS DRIVERS TO FILL UP BEFORE HOLIDAYS. D24, A-3-4  
FEW GAS STATIONS OPEN FOR HOLIDAY TRAVEL

--1973--

D 26, A-1-4

MR. & MRS. TOM BEVERIDGE & SON TIMMY, 6, PICTURED EVACUATING  
ROSEVILLE HOME DUE TO GASOLINE SPILL NEARBY

D 27, A-3-1

AAA SURVEY SHOWS 3 OUT OF 10 STATION OWNERS PLAN TO BE  
OPEN SUNDAY D 30 FOR NEW YEAR'S WEEKEND TRAFFIC

--1974--

JA 2, A-3-1

MICH. STATE POLICE REPORT NUMBER OF MOTORISTS STRANDED W/O  
GAS DECREASED SHARPLY DURING XMAS & NEW YEAR'S HOLIDAYS  
-GETZ

--

JA 5, B-4-1

UNCERTAINTY OVER POSSIBLE RATIONING DELAYING DECISION OF  
SITE FOR 1974 MICH. AMATEUR GOLF CHAMP-BERRY

JA 6, A-3-1

AREA EDUCATORS WARY OF PROPOSED BAN ON STUDENT DRIVING &  
PARKING BY ENERGY CHIEF WM. E. SIMON-O'CONNOR

JA 6, B-8-1

WAITING LISTS REPORTED FOR WOULD-BE BUYERS OF 100MPG GALLON  
MOTORCYCLES-WOWK

JA 6, B-8-1

DRIVER TRAINING PROGRAMS COULD BE CUT BACK DUE TO ENERGY  
CRISIS-BULLARD

**GASOLINE: MICHIGAN**

1974

JA 6, B-8-1

**NORTHERN SKI RESORTS DOING LITTLE BETTER BUSINESS THIS YR.  
THAT LAST DESPITE ENERGY CRISIS**

JA 7, A-14-1

**OIL CRISIS VOIDS BUSSING ISSUE-EDIT.**

JA 10, D-4-1 RACE

**PETOSKEY-WINTER SPORTS RESORTS REPORTS BEST BUSINESS EVER  
DESPITE GASOLINE SHORTAGE-DAMMANN**

JA 17, A-14-1

**FEO GAS ALLOTMENT FOR WASHTENAW COUNTY WOULD BET EST. 36  
GAL/MONTH IN MR 1 EMERGENCY PROGRAM-PETERSON**

JA 20, A-3-1

**NEW DRIVING HABITS CAUSED BY ENERGY CRISIS COULD SAVE LIVES  
-WOWK**

JA 25, A-5-1

**MICH.AAA PREDICTS 1 OF 5 STATE GAS STATIONS WILL BE OPEN SUN  
DAY JA 27**

JA 25, B-4-1 E

**GROSSEPTE.WOODS LOSES EXTRA GASOLINE SOURCE & BEGINS USING  
FEB. ALLOTMENTS FOR MUNICIPAL FUEL TANKS**

JA 29, A-12-1

**RETAIL DEALERS ASSN. EXEC. CHAS. SHIPLEY SAYS SMALL TOWNS BEING  
HIT HARDER BY SHORTAGE DUE TO SMALLER NUMBER OF OUTLETS-  
WARREN**

--1974--

F 1, A-1-4

CHAS. SHIPLEY SAYS 2,200 MICH. STATION OWNERS FEAR BUYER PANIC  
& EARLIER CLOSING OF STATIONS AS RESULT OF PRICE INCREASES  
& ALLOCATIONS CUTS--NELSON

F 3, A-1-5

KENTON--BODIES OF ROBT. BUTTRICK, 16, & RENEE SCHMIDT, 13, OF STAN-  
DISH FOUND F 1 AFTER CAR ROUNDED WITHOUT GAS

F 4, A-9-1

SOME STATIONS STAY OPEN AFTER MIDNITE--SAT. A.M. SURVEY-  
SMELLENBARGER

F 6, A-6-1

AAA SAYS NUMBER OF GAS STATIONS CUTTING HOURS AND/OR LOSING  
GASOLINE SUPPLY INCREASES

F 7, B-3-3 W

WAYNE COUNTY COMMUNITIES ASKED BY WAYNE CTY. ENERGY CONSERVATION  
COUNCIL TO PREPARE DATA ON GASOLINE NEEDS IN CASE OF RATION-  
ING

F 7, A-2-2

FEB. ALLOCATION OF GASOLINE 82.8% OF AMT. RECEIVED IN FEB. '72

F 7, B-3-3 W

MIVONIA SWITCHES FROM GULF OIL TO UNION OIL CO. OF CALIF. AS ITS  
SUPPLIER

F 17, A-2-1

MICH. GAS STATION OWNERS WON'T PROTEST RULE BARRING PREFER-  
ENTIAL TREATMENT FOR REGULAR CUSTOMERS

F 19, A-1-1

CHAS. SHIPLEY PREDICTS LONGER STATION LINES IF SUPPLIES FOR THIS AREA DIVERTED TO OTHER FUEL-SHORT SECTIONS OF US-HANSEN

F 21, C-6-1

MANY STATIONS CLOSING AFTER SUNSET-GILL F 22, A-3-4

AAA OF MICH. SAYS 23% AB SOUTHERNMICH. STATIONS WILL PROBABLY BE CLOSED THIS WEEKEND-CLARK

F 26, A-3-1

AAA SAYS ALMOST HALF OF SOUTHERNMICH. STATIONS TO BE OUT OF FUEL BY F28

F 28, A-9-3

EFFEC. MR1, PUMP PRICES UP 2¢/GAL. AT LEAST-BURDOCK

MR 1, A-3-1

GOV. MILLIKEN LATE F28 ORDERS RELEASE OF OVER 8 MILL. GALLONS OF FEB. RESERVES TO EASE MONTH-END SHORTAGES

MR 2, A-1-1

AAA SAYS IT'S IN ABUNDANCE NORTH OF LINE FROM BAY CITY-P-LUD-  
LINGTON  
75 DBN. CITY CARS EQUIPPED WITH 5 QT. CAN OF GASOLINE TO AID  
STRANDED DRIVERS-C. CAIN

--1974--

MR 5, B-1-1 W

REDFORD TWP.'S 4 PUBLIC SERVICE DEPTS. HAVE ONLY 3-WK. SUPPLY LEFT--WILL COXX

MR 6, F-1-1

NORTHERN MICH. STATIONS WITH PLENTY BECAUSE SUPPLIES BASED ON SALES DURING BIG 1972 TOURIST YR.--MURPHY/WENDLAND

MR 7, A-1-1

FEO GIVES MICH. EXTRA 300,000 GAL./DAY IN MR. ALLOCATION--PETERSON

MR 8, A-1-4

ADDED GASOLINE ALLOCATION WON'T END LONG LINES--MURPHY/WENDLAND

MR 8, A-1-5

AAA SURVEY ALONG MAJOR HIWAYS SHOWS IMPROVED SUPPLY FOR THIS WEEKEND

MR 8, B-2-4D

MAYOR YOUNG TELLS MSU LUNCHEON THAT CRISIS MAY FORCE SOME SUBURBANITES TO MOVE BACK TO DET.--SCHUSTER

MR 15, A-1-1

AAA SAYS 40% OF ~~EXISTING~~ OUTSTATE MICH. STATIONS EXPECTED TO BE OPEN SUNDAY

MR 18, A-15-1

FUEL ALLOCATION--PROS&CONS IN MICH.--MURPHY/WENDLAND

TOURIST INDUSTRY FEARFUL THAT AMERICANS 'BRAINWASHED' VS.  
PLEASURE TRAVEL DUE TO ENERGY CRISIS-MURPHY

MR 19, A-4-1

CHAS. SHIPLEY SEES END TO LONG STATION LINES & CURTAILED HOURS  
BY JUNE

MR 19, A-6-4

GAS SUPPLIES UP BUT MILLIKEN SEEKS MORE-ENGLE

MR 20, A-9-1

EST. 38% OF STATIONS ALONG TOURIST ROUTES EXPECT TO OPEN THIS  
WEEKEND

MR 22, A-1-5

MR 25, B-1-1 N

OAKLAND CO. SUIT FILED IN CIR. CT. CITES GASOLINE SHORTAGE AS  
HAZARD, CAR LINEUPS CONTRIBUTE TO AUTO ACCIDENTS-HADDEN

MR 29, A-1-2

NEARLY HALF OF 300 SERVICE STATION ALONG MAJOR HIWAYS TO BE  
SELLING GAS SUN. MR 31

MR 30, A-1-4

SHELL OIL CO. REDUCING PUMP PRICES BY 1.8¢/GAL. & INCREASING  
ALLOTMENTS BY 2.6 MILL. GAL/DAY

MR 31, A-3-1

FEW STATIONS TO BE OPEN SUNDAY IN DET.-AREA DUE TO LOW  
MR. SUPPLIES

--1974--

AP 5, E-7-3

MICH. TO GET 11% MORE GAS IN AP. SAYS SSDAM

AP 7, B-16-1

AREA STATION OWNERS TALK ABOUT OWN SIDE OF GASOLINE SHORTAGE NIGHTMARE-WARREN

AP 10, A-7-5 RACE

CITY OF SOUTHFIELD THRU POLICE DEPT. HAS BEEN AIDING STRANDED MOTORISTS RUNNING OUT OF GAS. AP 11, A-15-3

AAA PREDICTS PLENTY OF GAS FOR EASTER

AP 16, B-4-4

DEATH OF KURT FEIGNER BRINGS SUMMER WARNING ABOUT STORING GASOLINE FOR LAWNMOWERS IN GARAGE. GOCZKOWSKI.

AP 19, A-2-1

AAA OF MICH. SAYS MORE STATIONS TO BE OPEN ON SUNDAY AP 21

AP 26, E-1-1

AAA PREDICTS 60% OF STATIONS ALONG TOURIST ROUTES OPEN SUNDAY AP 28

MY 3, F-1-1

AAA PREDICTS 1/3 OF MICH. MAJOR HIWAY STATIONS TO BE OPENED THIS WEEKEND

MY 9, A-16-1

TO BE PLENTIFUL THIS SUMMER ON ALL MAJOR ROUTES; LIST-SCHUSTER

1974

**GASOLINE: MICHIGAN**

MY 17, A-5-7

**GAS OUTLOOK ON MAJOR TRAVEL ROUTES GOOD FOR SUNDAY MY19**

MY 22, A-8-1

**PSC AUTHORIZES 8 MILL. GALLONS FOR MY27 MEMORIAL DAY RUSH**

MY 23, A-3-1

**EXPECTED TO BE IN ABUNDANT SUPPLY FOR MY24-27 MEMORIAL DAY  
WEEKEND-TOURIST**

JE14, A-16-1

**GAS SUPPLY IS PLENTIFUL IN MICH. THIS WEEKEND.**

JL 4, A-3-4

**CHAS. SHIPLEY CHARGES THAT GASOLINE DEALERS PRESSURED TO  
SELL MORE GASOLINE-HANSEN**

JL 18, D-11-1

**STATE DEPT OF COMMERCE REPORTS AMPLE GAS IN NORTHERN MICH**

JL 21, C-6-2

**WESLEY TEBEAU OF ?WEST MICHIGAN TOURIST ASSN. SAYS THIS  
SUMMER SEASON OFF TO BEST START IN YRS JL 21, B-7-3 2 DOT  
GAS STATIONS CAN RECEIVE ADDITIONAL SUPPLY IF THEY ARE NEAR  
TOURISTS ROUTES**

---1974--- D15, A-10-1

MICH. MOTORISTS SOON CAN EXPECT REPLAY OF LAST YR. ENERGY  
CRISIS. HANSEN

---1975---F1#, A-6-1

CITY OF PLAINWELL TO SUE MOBILE OIL FOR GAS LEAKS INTO  
WATER SYSTEM

MR 9, B-3-1

LANSING-LEAKING FROM STORAGE TANKS UNDERGROUND POSES NEW  
FORM OF POLLUTION, CAUSE THREAT OF EXPLOSION-KERWIN

MY 3, A-2-4

MAJOR OIL COMPANIES ACCUSED OF MISLABELING GAS IN BUYING &  
SELLING OTHER THAN ADVERTISED BRAND TO CONSUMER-MLECZKO

JL 9, A-20-1

SERVICE STATION DEALERS SAYS OIL FIRMS PRESSURING DET. AREA  
DEALERS TO SELL MORE GASOLINE-WILLCOX

JL 24, C-3-1

FUEL SHORTAGES FORCE STATE TO FREE RESERVES

D 9, B-3-1

TRAVERSE CITY-~~2x000~~ 20,000 GALLONS OF GASOLINE SPILLED INTO  
DRAINAGE RESERVOIR AFTER ICE IN FUEL LINE CAUSED HOSE TO  
BURST

-1976-

AP 15, F-11-1

70% OF GAS STATIONS TO BE OPEN EASTER

**GASOLINE : MICHIGAN**

**1976**

**N 148, B-10-1**

**LANS-STATE MOTORISTS USED RECORD AMOUNT OF FUEL**

**-1977-**

**Ag 8, B-4-1 W**

**500 EVACUATED AFTER SEVERAL THOUSAND GALLON GASOLINE SPILL  
IN TAYLOR**

**O 6, A-3-3**

**MICH-TRAVEL CHIEF LEN BARNES TELLS U S GASOLINE IS URGENT  
FOR TOURISM**

**O 20, C-15-1**

**ROMULUS-TAYLOR--GASOLINE FUMES FROM OVERFLOW STORAGE TANK**

**OWNED BY TOTAL LEONARD, INC.-TITTSWORTH/GRANT**

**O 21, B-2-3 W**

**1-94 GASOLINE SPILL BLAMED ON VALVE SHUT TOO SLOWLY, CAUSED  
BY HUMAN ERROR**

**N 13, D-19-3 D**

**TRAVERSE CITY-MIXUP OF MILLIONS OF GALS OF GASOLINE WITH  
FUEL OIL TO COST OVER \$200,000 SAYS STANDARD OIL**

**N 22, B-1-1 ST**

**SAGINAW-2 SUSPECTS HUNTED AFTER GASOLINE SPILL**

**-1978-**

**JA 12, B-2-5 1DOT**

**LANS-NO GAS PINCH FROM TANKER BAN**

---1978---

JA 18, B-4-2 N

AVONTWP FIRE CHIEF, MARK L. BELKOFF, WARNS OF DIESEL FUEL-GASOLINE SALES MIX-UP-DOWER

JA19, B-2-2N

LARGE PORTION OF VOLATILE MIXTURE ACC. SOLD

AS DIESEL OIL RECOVERED IN AVON TWP. F 4, B-7-3

MUSKEGON-LEAKY TANKER FORCED REROUTING OF TRAFFIC ON US-31 IN MUSK-GON Co.

F 20, B-4-1 1DOT

FERRYBURG-LEAKING FUEL-STORAGE TANK HAS LEAK, 300 EVACUATED FROM HOMES

F 21, B-1-1 ST

FERRYSBURG-GASOLINE SPILL CLEANUP GOES ON ON LAKE MICH. SHORE-LINE

JE 13, A-1-5

GAS TO BE EASY FOR SUMMERTIME TOURISM

JL 27, B-11-1-N

RUPTURED HOSE ON TANKER CAUSED 1,000 GALLONS OF GAS TO SPILL ONTO STREET IN BERKLEY

Ag 1, A--36

MILAN-1500 FLEE AFTER GASOLINE SPILLED INTO SEWERS-WARREN

Ag 2, B-1-6

MILAN-PERIL ENDS-SHELLENBARGER

**GASOLINE : MICHIGAN**

**1978**

**DAVID-CREWS TRYING TO SOAK UP 19,000 GALLONS WHICH SEEPED  
FROM UNDERGROUND TANKS.**

**O 4, B-6-3-ST**

**MOTORISTS NOT SADDLED WITH SHORTAGES LIKE THOSE IN OTHER  
STATES BUT SHARE BURDEN OF RISING PRICES.**

**N 16, B-2-5-E**

**N16, B-4-1AM**

**NO SHORTAGE OF GASOLINE IN MICH.**

**-1979-**

**JA 4, B-6-1-W**

**MOTORISTS PAID RECORD AVERAGE PRICE OF 70.7¢ A GALLON.**

**MR 9, B-2-2-W**

**LAKE-SUPPLIES TIGHT BUT ENOUGH TO MEET DEMAND FOR REST OF  
MARCH.**

**AP 4, B-5-2 ST**

**MARQUETTE-U P MAPS PLAN TO EASE AN THREATENED ENERGY  
CRUNCH-FRANKLIN**

**AP 5, B-11-2 E**

**GAS PLENTIFUL IN STATE**

**AP 5, B-10-1 AM**

**PLENTIFUL BUT AT RECORD PRICES**

**AP 6, B-5-2 N**

**MARQUETTE-U.P. PLANS FOR ENERGY CRUNCH, BEING THREATENED WITH  
LESS TOURISTS IN AREA-FRANKLIN**

-1979-

AP 28. A-3-3

AMPLE SUPPLY IN STATE, SHORT SUPPLY OUTSIDE MY 1, A-1-6  
EXPECT LONGER LINES & HIGHER PRICES-INCLU \$1 A GALLON

MY 2 1, A-1-6 AM

SUMMER TO BE NO PICNOC FOR BUYING GAS MY 2, A-1-5

LANS-STATE CONSIDERS 50MPH LIMIT TO FIGHT SHORTAGE-CAIN  
MY 3, A-3-4

SEMTA OPERATING ABOUT PEAK CAPACITY. MAY BE UNABLE TO HANDLE  
POSSIBLE NEW COMMUTERS. MY 3, A-3-6

EXPECTED SHORTAGE, MILLIKEN URGED DRIVERS TO CUT DOWN ON  
OPTIONAL DRIVING & USE OTHER FORMS OF TRANSPORTATIONS-BUL  
GIER MY 4, A-1-6-1  
MY 6, E-1-2

MISSING FISHERMEN-EDIT  
BUSINESSMEN PLEA FOR INCREASED ALLOCATIONS OF GASOLINE &  
DIESEL FUEL-LUKE MY 6, B-1-6

TIGHTENING SUPPLIES FORCING STATION OWNERS TO CUT HRS & IN  
SOME CASES SHUT DOWN.-ILKA MY 6, B-8-5

RESORT INDUSTRY WOULD BE HARMED IF STATIONS FORCED TO CLOSE  
WEEKENDS MY 19, A-3-3\*  
STATEWIDE RIDE-SHARING PROPOSAL WOULD SAVE MILLION OF GALL-  
ONS OF GASOLINE.

# GASOLINE : MICHIGAN

1979

MY 10, C-8-3

LANS-LIMITING PURCHASES OR REGULATING SALES ARE NOT WHAT  
MICH NEEDS TO HANDLE CRUNCH.

MY 11, B-1-5

LANS-PELA TO DROP SPBED LIMIT TO 50MPH URGED TO CONSERVE  
GAS-GAIN

MY 11, B-6-1

DC-MILLIKEN LOBBIES FOR FED FUNDS TO FORSTALL SHORTAGES-RYAN

MY 13, A-18-1

MOTORISTS SHOULD CONSERVE-EDIT  
STATE DRIVERS WILL FEEL CRUNCH-DUNN

MY 13, A-1-5

MY 14, A-1-6

GAS FEARS PERIL STATE TOURISM

MY 14, B-1-5

CANADA DEALERS AWAIT U.S BOATERS-BRADFORD

MY 16, B1-5

ENOUGH GAS FOR HOLIDAY TRAVEL, IF...-BULGIERMY 17, B-1-3AM

LANS-HOTLINE TELLS WHERE GAS IS AVAILABLE 1 800 292 2520

MY 18, A-1-4

LANS-BILL TO GIVE GOV MILLIKEN POWERS TO ORDER CONSERVATION  
STEPS APPROVED BY SENATE COMMITTEE.

-1979-

My 18, B-1-1

WEEKEND TRAVELERS WILL BE ABLE TO GET GASOLINE SAYS AAA.

My 19, A-3-1

CAMPGROUNDS REPORT RECORD NUMBERS OF ADVANCE RESERVATIONS -  
TSCHIRHART

My 19, A-3-3

STATEWIDE RIDE-SHARING PROPOSAL WOULD SAVE MILLION OF GALL-  
ONS OF GASOLINE.

My 20, B-2-1

GASOLINE AVAILABLE THIS WEEKEND, ALTHOUGH LONG LINES & EARLY  
CLOSINGS OF STATIONS POSSIBLE.

My 21, A-18-1

THE FIRST TEST-EDIT

My 23, A-1-3

DC-MICH SUMMER SUPPLY IS IMPOSSIBLE TO PREDICT NOW-PETERSON

My 23, B-1-1

STATIONS ALONG MAJOR ROUTES TO BE OPEN MEMORIAL DAY WEEKEND

My 25, A-1-1

NO LACK SEEN FOR HOLIDAY

My 27, A-1-2

DRIZZLES, COLD HOLD DOWN HOLIDAY TRAFFIC; FEW LINES FOUND  
AT GAS STATIONS-LOCHBILER

# GASOLINE - MICHIGAN

1979

- MICH.MOTORISTS ENTER JUNE WITHOUT GASOLINE PROBLEMS JE 1, B-1-1
- BUILDERS & REALTORS WORRIED ABOUT GAS SHORTAGES, CAUSES SOME SMILES-WOERPEL JE 1, E-1-1
- LANS-MICH.MOTORISTS RESPOND TO PLEAS FOR GASOLINE CONSERVATION, JUNE SUPPLY ADEQUATE JE 3, B-9-2 1DOT
- LANS-HOUSE APPROVES BILL TO LET GOV.WM.MILLIKEN MAKE STRONG ENERGY CURBS-BIONDO JE 6, B-12-1 D
- STRIKING TRUCKERS BLOCKED SHIPMENTS OF GASOLINE & DIESEL OIL FROM STORAGE TERMINALS-BULGIER JE 19, A-1-4
- MILLIKEN ORDERED POLICE ESCORT FOR FUEL TRUCKS IN W. MICH.-BULGIER & WARREN JE 20, A-1-5
- NILES-TRUCKERS SHUTDOWN MAY MAKE NILES 1ST COMMUNITY IN COUNTRY TO GO BONE DRY-ILKA JE 20, A-1-6
- POOR WEATHER & GASOLINE CRISIS CAUSED DROP IN STATE TOURISM JE 20, B-1-5

-1979-

JE 21, A-1-2

LANS-BILL GIVING GOVERNOR POWERS TO DEAL WITH CRITICAL ENERGY SHORTAGES RAMMED GHU LEGISLATURE-ASHENFELTER

JE 21, A-1-6

TRUCKERS REMOVE PICKETS FROM NILES, MICH GASOLINE STORAGE FACILITIES-BULGER & WARREN

JE 23, A-1-2

GAS SELLERS THREATEN TO SHUT ON JULY 4; MILLIKEN RELEASED SOME GAS SUPPLY FOR SHORTAGES; SUPPLIES NR NORMAL-BULGIER

JE 25, B-1-1

LOTS OF GAS STATIONS CLOSED-LADERMAN

JE 26, B-2-4 D

WEATHER, GAS CRUNCH HOBBLE SOME RESORTS-POLLACK

JE 29, A-8-1

4TH OF JULY-GAS SHOULD BE ADEQUATE.

JL 1, F-1-4

TOURIST TRADE DOWN. FEARS OF FUEL AVAILABILITY DETOURING TRAVELERS-LEINOFF

JL 1, B-2-5

DESPITE GAS CRISIS, BOAT SALES UP.-ILKA

JL 8, B-1-2

LANS-TODAY'S CRISIS IS PUBLIC ALARM OVER GASOLINE SUPPLIES & PRICES SAYS STATE ENERGY ADMINISTRATOR DAVID FROH.-BRODER

**GASOLINE: MICHIGAN**

**JL 9, A-1-2**

**1979**

**PLENY OF GASOLINE IN CANADA FOR TOURISTS.**

**WENDLAND.**

**JL 10, C-5-1-A**

**LANS-OFFICIALS SEEK RECORDS & SERVICE STATION FILES FOR EVIDENCE OF WRONGDOING,**

**JL 12, B-1-5**

**COOPERHARBOR-FEARS OF SHORTAGES & RISING FUEL PRICES BLAMED FOR SPARSE CROWDS AT RESORT AREAS-KERWIN**

**JL 12, B-7-1ED**

**LANS-MILLIKEN CALLS FOR PUBLIC HEARINGS ON GASOLINE DISTRIBUTION SYSTEMS.**

**JL 18, B-12-4 ST**

**MARQUETTE-DEPT. OF COMMERCE HEARING CRITICAL OF ODD-EVEN GAS<sup>TH</sup> RATIONING SOLUTION FOR ENERGY PROBLEMS**

**JL 18, B-12-4 ST**

**LANS-PUBLIC HEARINGS SET FOR AUG. IN BILL TO BAN MAJOR OIL FIRMS FROM DIRECT RETAILING OF GASOLINE IN MICH.**

**JL 26, A-1-5**

**OIL FIRM TRUCK DRIVER STANLEY E. STEVENS CHGD WITH SELLING STOLEN GASOLINE-SINCLAIR**

**AG 1, B-6-1 D**

**LANS-DAVID FROH SAYS MICH. FUEL SUPPLY TO IMPROVE IN AUG.**

**AG 108, A-1-2**

**AVOCA-VANDALS TURNED ON PUMP AT STANDARD STATION, GASOLINE FLOWS, RESIDENTS EVACUATED-CAUFFIEL**

---1979---

AG 10, B-7-1 E

LANS-GASOLINE CONSUMPTION IN MICH. DROPPED OVER 3-MONTH SPAN  
AG 13, B-2-1 ED

LANS-GASOLINE PINCH CURBS MICH. RESIDENTS FROM DRIVING  
S 1, B-7-2

LANS-MICH WILL HAVE ENOUGH SUPPLY BUT DRIVERS ASKED TO STILL  
CONSERVE.

N 6, B-2-2 D

LANS-STATE OIL, GAS SUPPLY DIPS SLIGHTLY  
N 14, A-22-1

GOOD NEWS OR BAD NEWS-EDIT

N 22, B-6-2

PLENTY FOR THANKSGIVING WEEKEND

D 7, A-3-5

DC-MICH'S VOLUNTARY GASOLINE CUTBACK TARGET IS 11%.

-1980-

JA 1, B-2-1

LANS-GAS PUMPS SWITCH TO LITERS

JA 27, B-2-5 AM

MASON-GAS SOLD AT 25¢ PER GAL (IN PRE 1965 COINS)

JA 7, B-2-1D

HAMTRAMCK SAID VALVE CAUSED GASOLINE SPILL

JA 17, B-3-4

DEARBORN HTS CREWS PUMP 2600 GAL GAS DUMPED BY VANDALS IN  
CREEK

JA 17, B-3-4

DC-PRIORITY ON GAS FOR FARMERS URGED

# **GASOLINE : MICHIGAN**

**1980**

	JA 18, B-2-2D
VANDALS DUMPED GASOLINE IN ECORSE CREEK IN DBRN HGTS.	
	F 6, B-10-2
LANS-SHOULD BE ENOUGH GASOLINE THIS MONTH.	MR 21, A-4-2
DC-U.S LISTS FUEL SAVING GOALS	MR 25, B-2-1 W
LANS-STATE HEARINGS SET ON GASOLINE PLANS	AP 3, B-2-1 E
GAS AVAILABLE, PRICES UP	MY 8, B-2-1 W
STATE USE OF FUEL DECLINES 12%	MY 22, B-16-1 E
SUPPLIES PLENTIFUL FOR MEMORIAL WEEKEND	JL 3,
	JL 11, D-16-1 ST
LANS-GOV DROPS PLAN TO MAKE RESIDENTS VACATION IN CLOSE TO HOME PARKS	AG 28, B-6-3 W
WEEK END SUPPLIES PLENTIFUL	

-1980-

O 26, B-11-1W

800 GALLONS SPILLED FROM AMOCO TRUCK PIERCED BY BULLET. GAS  
OLINE SPILLED ON I-75 IN DET.

N 26, F-2-1

ANS-CONSUMPTION FELL TO LOWEST LEVEL IN 8 YRS.

D 3, B-11-4N

CONSUMPTION AT ITS LOWEST LEVEL SINCE 1972.

-1981-

JA 22, B-12-4ED

GASOLING LEAKING INTO BASEMENT OF COLONIAL HOTEL IN LEXING  
TON.-TSCHIRHART.

JA 27, B-8-2

DNR TO STUDY LAWS COVERING UNDERGROUND STORAGE. SPURRED BY  
LEAKS.

F 21, A-3-1

RANKED 2ND IN NATION FOR GAS CONSERVATION

KXXXX JL10, R-2-  
ED

USE IN STATE DROPS 9%

-1982-

Ap29, X B-8-2 ST

TRAVERSE CITY-NEW WELL DISCOVERED IN OTSEGO Co

Ag 2, B-5-5N

FLINT-THREE FAMILIES RETURNED TO THEIR HOMES AFTER FIREMEN  
FLUSHED AWAY 3,200 GALLONS FROM FUE L TRUCK.

**NO SHORTAGES OF GASOLINE SEEN FOR REST OF 1983.** JE 1, D-7-1D

**Ag 12, B-4-1D**

**LANS-3 STATE DEPTS START CRACKDOWN ON SALE OF ADULTERATED GASOLINE.** -1 984- AP 3, B-6-1W

**MORE THAN 50 CLAIMS FILED FOR CAR DAMAGE CAUSED BY CONTAMINATED GASOLINE BOUGHT AT LIVONIA STATION-WARREN**

**My19, A-6-1**

**UNION OIL LIVONIA STATION OWNED BY LEON STONE CHARGED WITH FRAUD IN SALE OF CONTAMINATED GASOLINE THAT RUINED MORE THAN 100 CARS-WARREN**

**My23, H-8-1N**

**STATE VOES SUIT OVER BAD GASOLINE.WARREN**

**-1985-**

**D 25, A-11-1**

**Motorists to find plenty of stations open along major hways**

-1986-

My 11, A13-1

Total station in Livonia gave away free gas in promotion of Total's March of Dimes. Long lines wait for free gas.

J1 30, B-4-41dot

Three Rivers-gasoline spill cleanup may cost \$500,000

-1988-

Mr 17, B-3-1N

About 250 gal of gas spilled into Clinton River, cleaned up

---1992---

F 18, B-3-6 E

Livonia-Cleanup crew as 7,000 gallons of gasoline leaked from underground storage tank at McLaren Engines Inc.

-1994-

Je06 B 5-5

Arab-American Chamber of Commerce aims to create safer environment for Arab-Amer. service station owners-Gauch

Je 27 B 1-1 GP

Marathon will offer new gas to help reduce smog for 1¢-1½¢  
more per gal. - Ilka -1995- N 13 A 6-1

Law on gas emissions mandates impossible reductions, in  
S.E. Mich-Edit 1999 D 20 D 3-6

Redford Twp-Officials fear fires/explosions because resi-  
dents are hoarding gas in case of Y2K problems-Bakri

GASOLINE : MISSISSIPPI

1941

Form 1656

S 11, 10-3

TAYLOR-FLOW OF GASOLINE FOUND IN TOWN PUMP

Form 1656

JE 25,1-6

KANSAS CITY-ONE GAS STATION HAS SIGN TELLING HOW TO ORDER 5 GALLONS  
OF GAS;JUST SAY 'ONE UNIONNE'

1973

**GASOLINE: NEW HAMPSHIRE**

**D 13, A-19-1 RACE**

**OPERATORS OF COMMERCIAL & VOLUNTEER AMBULANCE SERVICES  
ENCOUNTERING PROBLEMS DUE TO GASOLINE STATION CLOSINGS ON  
WEEKENDS**

GASOLINE: NEW JERSEY

1973

D 3, B-7-5

NEWARK-HARDWARE FIRM ABRAM YECIES & Co.'s PRES. MELVIN HANT-  
MAN TO TRY HORSE & WAGON TO MAKE DELIVERIES TO CONSERVE  
ENERGY

--1974--

F 21, C-1-1 RACE

TRENTON-BROKER ERNEST SALTUTTI INDICTED FOR STEALING GASO-  
LINE FROM HESS OIL CO. JAN 3 AFTER OFFERING TO SELL NJ STATE  
OVER 1 MILL. GAL. /WK. FOR 1 YR.

**GASOLINE - NEW YORK**

1934

**Form 1656**  
**STATE BARS USE OF GAS VENDING MACHINES** **Je 15, 12-1 1 HOME**

**---1943---**  
**80 PER CENT OF N.Y. BUSES TO SUSPEND SUNDAY RUNS** **MY29, 2-6**

**-----1954---**  
**POUGHKEEPSIE-SEEPAGE OF GASOLINE INTO CELLAR OF HOME HERE TURNS HOUSE** **JL 6, 1-6**  
**INTO POTENTIAL BOMB; HOUSE EVACUATED** **---1960---** **Je 4, A-3-6**

**ALBION-GASOLINE FLOODS SEWERS; 400 FLEE FLASH FIRES**  
**--1973--** **N 11, A-16-1 3 DOT**

**GOV. ROCKEFELLER IMPOSES MAX. SPEED LIMIT OF 50 MPH ON ALL**  
**INTERSTATE RDS. STATE HIGHWAYS & PARKWAYS IN NEW YORK**  
**--1974--** **MR6, F-1-1 RACE**

**NYC POLICEMAN PICTURED MOVING BET. PROTESTING MEMBERS OF CO-**  
**ALITION OF DISABLED CITIZENS WHO WON EXEMPTION FROM MANDATORY**  
**ALLOCATION PROGRAM** **---1979---** **Je 2, A-3-1**

**ANDREW MEDOSA SHOT TO DEATH IN DISPUTE IN SERVICE STATION GAS**  
**LINE, DENNIS ROSALES ARRESTED** **Je 25, A-3-1**

**90% OF GAS STATIONS CLOSED DUE TO SHORTAGE**

-1979-

JE 26, A-6-3  
JL 1, A-3-4

NY-LINES STILL LONG-HERBERT  
WHITEPLAINS-SUSAN GLICKMAN HAS STARTED BOOK-SWAPPING CLUB  
FOR GASOLINE SITTERS.

JL 6, D-5-1

NY-IRAQ'S DELEGATES TO UN WAIT IN LINE FOR GAS. CALL FOR  
THEIR OWN STATIONS.

JL 8, A-18-1

WELCOME, NEIGHBOR-EDIT

GASOLINE : NO-LEAD : MICHIGAN

1978

TIGHT SUPPLIES EASING STATEWIDE & PRICES ARE FALLING OUTSIDE  
DET. AREA.

D 7, C-15-2

D 14, B-5-1 D

D 14, B-20-1 W

MA FEW SHORTAGES IN MICH  
PRICES RISE A BIT; SUPPLIES DIP

-1979-

AP 2, B-1-2

USING CHEAPER LEADED GAS CAN PROVE EXPENSIVE-BOHY & TWARDON

**GASOLINE : NO-LEAD (FOR PREV SEE GASOLINE-LEADED) 1978**

D 22, A-3-3

DC-U.S MAY SHRINK GAP IN PRICES OF LEADED & NO-LEADED

D 22, A-10-3

LETTER TO EDIT ON SHELL NO-LEAD SHORTAGES FROM WD RAMSEY  
SHELL OFFICIAL -1979- JA 2, C-8-1

USERS OF UNLEADED MAY BE CONTRIBUTING TO RISING COST OF  
HEATING HOMES-BOHY JA 17, D-10-3

RISK OF DAMAGING CAR IF TAMPERING WITH CURRENT RESTRICTER  
NECK ASSEMBLIES-HADDEN JA 26, B-2-3 D

SECURITY SERVICES, INC. FINED \$15,000 FOR USING LEADED GASOLINE  
IN LEASED VEHICLES THAT REQUIRE UNLEADED FUEL-KERWIN

F 27, A-4-2

DC-ATLANTIC-RICHFIELD GRANTED WAIVER TO USE NEW HIGH OCTANE  
BOOSTING FUEL COMPONENT. MR 27, A-3-6

DC-PRICE RISE MAY ENCOURAGE DRIVERS TO SWITCH TO LEADED

JE 3, A-3-4

WASH-EPA SUSPENDS BAN ON ANTI-KNOCK ADDITIVE FOR UNLEADED  
GASOLINE-PETERSON

---1979---

JE 5, A-19-6

UNLEADED GAS TO EXPAND SUPPLY& INCREASE PRICE JL 4, D-1-1  
DC-US BLASTED FOR FAILURE TO END SHORTAGES OF UNLEADED GAS  
OLINE-PETERSON S 11, B-7-5  
EPA GIVES REFINERIES UNTILOct, 1980 TO COMPLY WITH RULES FOR  
AMOUNT OF LEAD IN GASOLINE

GASOLINE: NORWAY

1973

N 6, D-15-2

OSLO-GOV'T BANS SUNDAY DRIVING & ANNOUNCES PLANS FOR RA-  
TIONING TO BEGIN JA 7

**GASOLINE - OCTANE RATING - DETROIT**

**1955**

**PREMIUM OF ABOVE DECLINED FOR 3ST TIME IN 3YRS** **WATTS** **JL 27, 33-1**  
**-----1956---** **JA 24, 37-2**  
**ABOVE IN DET. CLIMBS TO HIGHEST LEVEL IN HISTORY** **WATTS**

**GAS OCTANE RATING RISES SLIGHTLY IN DET. WATTS**

Ap 24, 34-5

**OCTANE RATING DROPS IN 3 MONTH PERIOD WATTS**

JL 25, 46-3

**DOWNWARD TREND OF OCTANE RATING CONTINUES AVERAGE 90.6 IN CT WATTS**

O 21, 1-43-4

---1953---

JA 29, 29-5

**GASOLINES OF DET. BOOSTS IN OCTANE RATINGS WATTS**

-Ag 5, 14-1

**BUR. MINES REPORTS ANTI-KNOCK GAS RATINGS AT RECORD HIGH LAST WINTER**

---1954---

JA 14, 27-1

**FORECASTS SAVING OF BILLION FOR DRIVERS AFTER 98 OCTANE GASOLINE IS AVAILABLE FOR CARS WITH COMPRESSION RATIOS OF 10-1**

Mr 26, 47-3

**GASOLINE OCTANE BOOSTED TO 93.1 WATTS**

---1955---

Mr 29, 37-5

**SAN ANTONIO, TEXAS-NEW ECONOMIC METHOD TO CRACK OCTANE BARRIER & ASSURE 100 OCTANE GASOLINE AT ALL TIMES IS REPORTED TODAY BY UNIVERSAL OIL PRODUCTS CO. OF DES PLAINES, ILL**

-----1956-----

Ap 20, 43-1

**NEW TYPE OF GASOLINE HAS 98 OCTANE WATTS**

My 2, 37-3

**ESSO CO. TO SELL 3 GRADES OF GAS WATTS**

My 8, 23-3

**GAS WITH 100 OCTANE FOR AUTOS TO BE COMMONPLACE BY 1960 SAYS OFFICIAL OF SUN OIL CO. JOHN C. MOXLEY JR.**

---1957---

MY 16, 48 -2

AUTOS OF 1960 TO REQUIRE FUEL OF ABOUT 110 OCTANE-

MY 21, 25-1

SPEEDWAY & TEXAS COS ANNOUNCE HIGHER GRADES OF GASOLINES-WATTS

MY 22, 35-2

AUTOS OF 1960 TO REQUIRE PREMIUM GASOLINE OF 110 OCTAINE

---1958---

JL 14, 21-8 1H

OCTANE RATINGS CONTINUE TO INCREASE

JL 24, 41-1

OCTANE GOES UP TO MATCH POWER

O 31, 17-3

SPEEDWAY PETROLEUM CORP TO BEGIN MARKETING A 100 OCTANE SPEEDWAY 70 GA  
OLINE AT ITS 800 SERVICE STATIONS

---1959---

MR 17, 35-2

NEW PREMIUM GRADE OF GAS OF MORE THAN 100 OCTANE PUT ON SALE BY SIN  
CLAIR

MR 18, 71-2

UNIVERSAL OIL PRODUCTS CO. ANNOUNCED NEW OIL REFINING PROCESS TO PRO-  
MOSE MORE EFFICIENT HIGHTER OCTANE GASOLINE

MR 26, 39-2

TEXAS COANNOUNCES IT HAS FOUND NEW CHEMICAL ADDITIVE WHICH WILL BOOST  
OCTANE RATING OF GASOLINE

---1961---

N 17, A-1-1

GULF OIL CO'S NEW GRADE OF GASOLINE TUMBLES GAS PRICES IN DET.

---1962---

F 6, R-10-1

LOWER, HIGHER OCTAINE OFFERED-WATTS

# GASOLINE: OCTANE

1963

JA 11, C-11-7  
'63 CARS NEED HIGHER OCTANE AS RESULT OF HIGHER COMPRESSION RATIOS &  
OTHER BUILT-IN FEATURES THAT BOOST HORSEPOWER OF CARS-WATTS

-----1969-----JL 25, A-3-1 LF  
WASH- FTC ASKS THAT OCTANE RATINGS BE CLEARLY POSTED ON  
GASOLINE PUMPS.

JL 27, A-14-1 HOME  
WASH-GAS OCTANE HEARING SET FOR OCT 14

---1970--- D 31, A-3-1  
FEDERAL TRADE COMMSN SAYS AVERAGE MOTORIST PAYS \$50-\$75 YEAR  
TOO MUCH FOR GAS BY BUYING HIGHER OCTANE FUEL THAN CAR  
NEEDS

JL 10, C-3-1\*\*\*  
FED TRADE COMMSN PROPOSES OCTANE RATINGS ON GAS PUMPS--  
HOOVER

---1971--- AP 14, C-5-1 RACE  
FED TRADE COMMSN POSTPONED FROM JE 28 TO S 1 DATE BY WHICH  
SERVICE STATION S TO HAVE TO POST ON PUMPS OCTANE RATING  
OF GASOLINE ARE SELLING

---1973--- JL1, A-27-4  
WASH----SEN. THOMAS J. MCINTYRE CHARGED THAT MAJOR U.S. OIL  
CORPORATIONS ARE "WATERING DOWN" OCTANE LEVEL IN GASOLINE  
WITHOUT REDUCING PRICE

--1973--

JL 8, A-2-1

GULF, MOBIL & BP OIL COMPANIES REDUCED MOST GAS GRADES TO  
93 OCTANE

JL 10, A-8-1 RACE

IRS PRICE STABILIZATION OFFICE IN CLEVELAND SAYS OCTANE  
CUTBACKS MAY VIOLATE PRICE FREEZE

AG 5, A-3-4 HOME

WASH-----OCTANE RATINGS DUE TO BE POSTED ON PUMPS

S 5, B412-1

NEW OCTANE LABELS ON STATION PUMPS MAY CONFUSE MOTORISTS  
SAYS CHUCK SHIPLEM OF SERVICE STATION DEALERS ASSN. OF  
MICH-IRVIN

S 17, A-3-1

MOTORISTS CONFUSED BY GAS PUMP OCTANE NUMBERS BASED ON RE-  
SEARCH OCTANE RATINGS INSTEAD OF MOTOR OCTANE NUMBERS CON-  
TAINED IN AUTO MANUALS-MLECZKO

N19, A-19-3 RACE

OCTANE RATINGS ARE CONFUSING DRIVERS OF EARLY MODEL 1974

--1974--

MY 8, C-3-6

FED CONSIDERING DROPPING OCTANE/MAX. PRICE STICKERS ON PUMPS  
-HANSEN

023, D-2-3

IS NEW 91 OCTANE UNLEADED GAS STRONG ENOUGH FOR  
75' MODEL CARS.

1975

GASOLINE - OCTANE

AP 24, D-14-4

WASH-BILL TO STANDARDIZE OCTANE NUMBERS POSTED ON US GASOLINE  
PUMPS INTRO. BY THOMAS J. MCINTYRE WILL CUT GASOLINE COST

-1977-

F 22, A-11-2

DC-OCTANE-BOOSTING ADDITIVE MMT MAY FOUL UP EMISSION GEAR-  
PETERSON

-1978-

JE 27, A-16-3

NY-ENGINE KNOCK RETURNS WITH UNLEADED FUEL-MERZES

S 25, A-10-1

DC-FTC WANTS OCTANE RATING SHOWN

-1979-

MR 15, A-2-1

DC-PUMPS TO TELL OCTANE OF FUEL BEGINNING JUNE 1.

1-987-

Ag 22, A 6-3

NY-1 in 10 stations found cheating on octane rating claims

-1990-

Ap 27 A-1-5

Drivers at many Mich stations paid for premium, got  
regular instead.--Peterson

GASOLINE - OHIO

1932

Form 1656

The Detroit News

My 4, 4-5

Seeks to stop bootlegging from Penna.

--1973--

N 6, A-4-1 RACE

CLEVELAND-STANDARD OIL CO. OF OHIO REDUCING GASOLINE SALES  
BY 10% BECAUSE OF ARAB OIL CUTBACKS N 7, C-16-5

CLEVELAND-STANDARD OIL CO. OF OHIO REDUCING GASOLINE SALES  
XXX & REFINERY OPERATIONS BY 10% BECAUSE OF MIDEAST CRUDE  
OIL SHORTAGE

GASOLINE : OKLAHOMA

1941

Form 1656  
ENID-WATER WELLS FILL UP WITH GASOLINE, AS REFINERY TANKS LEAK  
- -1952---  
MAYSBILLE - GAS FOUND IN CITIES WATER SUPPLY

S 26, 21-2

AG 24, 1-19-3

GAS TO BE RATIONED TO STATIONS IN EAST.

O 23, 2-3 NITE

---1967---

JL 26, A-6-1 FIN 3

PITTSBURGH ~~XXXXXXXX~~ 20 FELLEED BY CHLORINE FUMES FROM RAILROAD TANK CAR

---1973---

JE 16, A-2-5

GULF OIL CORP. AND EXXON OIL CO. RATION GAS AT STATIONS  
ALONG PENN. TURNPIKE

N 29, B-15-2

HARRISBERG-GOV. MILTON J SHAPP ORDERS STATEWIDE SPEED LIMIT OF 55 MPH; STATE TURNPIKE COMMSN. BANS TOLL RD. GASOLINE SALES ON SUNDAYS EFF. N 30

--1974--

F 25, A-2-5

HERSHEY-NAT'L GUARD HELICOPTER FLEW MRS. HELEN FIELD FOR HEART SURGERY TO BETHESDA, MD. F24 WHEN AMBULANCE CO. CLAIMS GAS SHORTAGE

-1979-

JE 26, X A-5-1 AM

GAS RIOTS BRING EMERGENCY RULE IN LEVITTOWN, PA

GASOLINE - PERU

1930

Form 1656

The Detroit News S 20, 2-1

All import duties removed S 20

--1974--

JL 11, B-5-1 N

PERU-WORLD ENERGY CRISIS STOPPING SIESTA, MILITARY PARADES,  
PLEASURE DRIVING

GASOLINE : PIPE LINES : CANADA

1952

MR 16, 4-15-8  
OPEN IMPERIAL OIL PIPE LINE MR 15, SARNIA TO LONDON

1971

GASOLINE: PIPELINE: LAOS

MY 13, A-23-1

N VIET EXPANDING VITAL GAS PIPELINE FOR TRUCK TRAFFIC THROUGH  
LAOS

GASOLINE: PIPELINES: LIBYA

1956

N 2, 1-5

GROUND BLASTS TWO BRITISH BARRACKS & CIVILIAN GASOLINE PIPELINE IN  
TRIPOLI N 1ST

JL19, B-2-1

MUSKEGON—MOBIL OIL Co., WORKING TO RECOVER THOUSANDS OF GALLONS OF GASOLINE WHICH SEEPED FROM A RUPTURED PIPELINE INTO THE WATER TABLE BELOW A MUSKEGON NEIGHBORHOOD

-1981-

F 11, B-1-5

LANS-TESTS TO CHECK IF PCB PRESENT IN PIPELINES IN MICH-BLANKENSHIP

F 24, D-4-2

MICH-WISC PIPELINE CO ASKS PERMISSION TO BUILD A \$16.7 MILLION PIPE IN MICH & IND

GASOLINE : PIPELINE : PENNSYLVANIA

1941

Form 1656

N 18, 32-7

400-MI.PIPELINE CONSTR.TO START SOON

Form 1656

PIPE ORDERED FOR LINE FR BATON ROUGE, LA. TO GREENSBORO, N.C.

MY 21, 34-4

MY 29, 20-8

MY 18, 29-1 BS

CONTRACT LET; LOUISIANA TO GREENSBORO, N.C.

INVESTIGATION TO BE MADE OF POSSIBILITY OF CONSTRUCTING PIPE LINE TO

EAST  
SAME

MY 19, 9-3

F 7, 1-5

NEW \$9,000,000 PIPELINE WILL GIVE RELIEF

D 4, 9-4 BS 2

NATURAL GAS TO START FLOWING THRU BIG INCH & LITTLE INCH PIPELINES IN  
48 HOURS

---1947---

S 26, 7-1

COAL INTERESTS ATTACK PIPELINE PROPOSAL OF TEXAS E. TRANSMISSION CO.  
IN PHILA AREA

1/2-----1954---

MR 9, 22-1

CITY SEEKS FPC SHOWDOWN ON PANHANDLE'S GAS SUPPLY

---1955---

N 27, 8-7-5

100 MEN BATTLE MISS. RIVER TO LAY DET. PIPELINE

---1965---

JL 29, 8-5-4

MICH. CONSOLIDATED GAS CO. PLANS TO COMPLETE IN '67 A \$200 MILLION  
PIPELINE TO BRING NATURAL GAS TO EASTERN IP COMMUNITIES

---1967---

MR 31, D-7-8

WASH-NET FOR PIPELINES RISES 8.7%

-1976-

AP 26, A-1-2

DC-PLAN TO BUILD NATURAL GAS PIPELINE TO SIBERIA REVIVED  
S 1, D-2-1

B'HAM-ALA-FBI ARRESTED 6 FOR TAPPING INTERSTATE PIPELINE

GASOLINE : PLATOFUEL

1951

HIGHER OCTANE RATING; INTRODUCED BY SPEEDWAY PETROLEUM CORP

0 14, 1-23-4

GASOLINE : POLLS

1979

MR 23, A-10-1-AM

MOST THINK REPORTS OF OIL & GASOLINE SHORTAGES ARE A HOAX.

JE 4, A-3-5 AM

NY-AP-NBC NEWS POLL SHOWS THAT GAS CRISIS FEARS CLIMB FOR  
MANYAMERICANS

GASOLINE : PREMIUM

1974

AG 5, A-11-2

AAA SURVEY INDICATES GAS STATIONS AROUND COUNTRY GIVING  
UP SELLING PREMIUM & BEGIN OFFERING UNLEADED IRVIN

-1979-

JL 25, A-1-5

ANS-HIGH-OCTANE LEADED GASOLINE DISAPPEARING. VICITM OF  
GOVT CRACKDOWN ON AUTO EXHAUST POLLUTION.-BRODER

1951

GASOLINE : PRICES : ALABAMA

BIRMINGHAM-DEALERS SLASH PRICES BY 4¢ GAL. IN PRICE WAR  
-1975-  
MADISON-ONE DAY PRICE WAR MAD GAS AT 15.9¢ PER GAL DOWN  
70%

O 29, 1-5 BS 2

S 28, A-3-1

GASOLINE: PRICE: ARGENTINA

1953

MR 28, 20-2

GASOLINE PRICES WILL RISE 40% THRUOUT ARGENTINA BY GOVT. ORDER MR. 30

# GASOLINE - PRICES - CALIFORNIA

1927

Ap 16, 5-4

Gas war brings ~~petail~~ price down to  $12\frac{1}{2}$  cents a gallon, including 2 cent tax, Calif.

---1930---

F 16, 4-8-1

US Atty. Geo. J. Hatfield, F 15, files suit against 19 Calif. oil companies; conspiracy to maintain un-  
fair price alleged; list

---1947---

GAS CUT ANNOUNCED BY BIG CO.

MY 2, 22-3

JE 28, 1-6 FINAL

LOS ANG-SPECIAL GD JURY TO INVESTIGATE PRICES OK'D TODAY-

---1951---

JL 26, 31-7

LOS ANG GASOLINE PRICE BOOST GETS OK

Form 1656

The Detroit News

---1952--- Ag 24, 4-13-1  
RICHMOND- STANDARD OIL OF CALIF APPLIES FOR PRICE HIKE

--1973-- S 26, A-20-1

CALIFORNIANS JAM FILLING STATIONS AFTER RETAILERS END  
4-DAY SHUTDOWN PROTESTING PHASE 4 FREEZE

D23, A-7-1 3DOT

RUSSELL BROWNELL CHARGED WITH PRICE FIXING VIOLATIONS  
GAVE AWAY 3,600 GALLONS OF GAS.

-1979-

JE 29, A-3-6AM

ORANGE-TONY GRASSO SET TO CHARGE \$5 A GALLON.

1999

Ap 2 B 3-7

L.A.-Gas prices jump; here and all over the country as OPEC  
announces production cuts-

# GASOLINE - PRICES - CAN.

1932

Form 1656

The Detroit News

F 12, '16-6

Premier Bennett orders probe of prices now 8¢  
a gal. above U.S.

O 21, 4-3 1HOME

WINDSOR EXPECTS DROP WITH LIFTING OF DUMPING DUTY

---1933---

JA 25, 9-3

CUT 1/2 IN WINDSOR DISTRICT

S 9, 18-6 1HOME (W)

PRICE UP 2¢ A GAL

(W) S 12, 12-3 1HOME

MAYOR CROLL TO ASK QUIZ INTO PRICE BOOST

(W) S 19, 19-3 1HOME

MAYOR DAVID CROLL & COUNCIL SIGNS PETITION CHARGING 8 LEADING GAS  
COMPANIES WITH VIOLATING CANADIAN COMBINES INVESTIGATION ACT

O 11, 17-8

MAYOR CROLL ALLEGES COMPANIES CLICK TO FORM PRICES THEMSELVES.

---1934---

JA 19, 21-4 1H (W)

COMBINE CHARGES BEING INVESTIGATED

---1936---

N 6, 58-1 W S C

TORONTO COUNCIL VOTES TO PREVENT JOY OIL CO. FROM ERECTING GAS STOR-  
AGE TANKS IN TORONTO

N 7, 4-8

JOY OIL CO. IN MARKET DESPITE PROTESTS; HEADED FOR GAS WAR

---1936---

D 29, 2-6 BL STR  
O 1, 19-5

MRS. CHAS AUSTIN LOSES SUIT TO COMPEL CITY COUNCIL TO PERMIT CO. TO E  
RECT TANKS ON TORONTO WATERFRONT ---1938---

DRESDEN ONT. MEN THREATEN TO CLOSE: CHARGE DISCRIMINATION WHEN PRICES  
WERE ADJUSTED

---1940---

AP 29, 1-2-2-2

GAS FIRMS REFUSE TO SUPPLY FUEL AS COURT HOLDS PRICE FIXING LAW VAL-

AP 29, 26-1

ID  
VANCOUVER, BC HIT BY GASOLINE FAMINE IN PRICE ROW

MY 2, 41-2

STRIKE MAJOR FIRMS IN VANCOUVER BROKEN

---1953---

JL 22, 28-7

ABOVE PRICES BOOSTED IN CANADA ---1955---

N 25, 40-7

CAN AND ONT. AGREE ON FINANCING 675 MILES OF OIL PIPELINE

---1957---

JA 23, 30-7

IMPERIAL OIL LTD & SHELL O, L CO. OF CANADA HIKE WHOLESALE PRICES OF  
GASOLINE

MR 19, 1-3 LF

WINDSOR-MORE THAN THIRD OF CITY'S 125 GAS STATIONS JOIN A PRICE WAR  
WHICH HAS LOWERED COST OF AN IMPERIAL GALLON OF GASOLINE FR. 44 CENTS  
TO 36.3 CENTS

MR 20, 2-2

WINDSOR-HUNDREDS RUSH TO BUY CUT-RATE GAS HERE IN PRICE WAR

MR 22, 4-6

NO TRUCE IN SIGHT IN WINDSOR GAS WAR-

---1958---

JA 5, A-15-8

KINGSTON, ONT.-FRED SEMKOWICH, TANK TRUCK PLOT FAILS IN GAS PRICE WAR

PRICE WAR ON GASOLINE HITS CANADA  
WINDSOR GAS WAR ENDS AFTER 3-WEEKS  
DEALERS CONTINUE TO CUT PRICE

PRICE OF REGULAR GRADE GAS DIPPED TO ITS LOWEST POINT IN 10 YRS IN  
WINDSOR TODAY IN CITY'S PRICE WAR CONTINUED  
GAS WAR SLASHES WINDSOR PRICES TO 1939 LEVELS  
WINDSOR GAS CUT NEAR 1930 LEVEL-

--1974--

OTTAWA-AGREEMENT BET. PM TRUDEAU & PROVINCIAL PREMIERS TO IN-  
CREASE DOMESTIC CRUDE PRICES MIGHT RAISE PRICES 11¢/GAL.

---1975---

OTTAWA-CANADIAN MOTORISTS GAS PRICE TO RISE 15¢ MORE-WARD

CANADA'S NEW BUDGET, WILL CUT TOURISM-EDIT

--1976--MY19, A-1-4

CANADA HIKES GAS PRICES US WEIGHS SIMILARX MOVE.

MR 2, A-6-5  
MR 12, 12-1

A P 9, 1-8

AP 22, 2-1

MY 10, 6-7

J 16, 1-3

MR 28, A-14-1

JE 24, A-12-2

JE 25, B-6-1

WINDSOR-GASOLINE PRICES TO INCREASE 4¢ A GALLON	---1977--- ---1978--- -1979-	Ag 30, A-16-3 D 10, B-1-5 D 12, A-12-1-4DOT
CANADA SET TO ADD AN EXTRA 25¢ TAX ON EA. GALLON OF GAS-TSCHIRHART.	-1980-	JL 11,
OTTAWA-CANADA SET OUT TO FORCE CANADIANS TO CONSERVE ENERGY BY INCREASING PRICES.	-1981-	MR 2, B-3-1
PSST! CHEAP GAS!-DINEEN		AP 22, A-14-1
IMPERIAL GALLON OF REGULAR INCREASED TO \$1.45.		JE 3, A-8-1
GAS AT THE BORDER-EDIT		S 2, A-5-1
OTTAWA-GOVT RAISED TAXES 9¢.		S 4, A-3-2
OTTAWA-PRICES TO RISE		MR 18, A-1-2
CANADIAN GAS PRICES TO GO UP-ENG -1982-		AP25, A-1-2
COMPARED TO U.S	-1983-	AP26, A-1-5
67¢ PER GAL IN WINDSOR-GRIBBIN		
NEW PRICE IN WINDSOR IS \$1.29-O'SHEA		

# GASOLINE : PRICES : CANADA

1983

My 5, A-3-6  
My 6, A-9-2E

WINDSOR PRICE WAR ON AGAIN-O'SHEA  
CANADIAN PRICES SLIDING AGAIN-WOWK

--1986--

F 18, A-16-1

A Canadian Ripoff.\_EDIt. -1989-

Ag 11 A-1-6

Canadians driving to Det for cheaper gasoline.--Anderson  
-1990-

Ag 10 B-1-2

Canadians tell Yanks to quit griping about high gasoline  
prices.--Hamada

GASOLINE: PRICES: CHILE

1954

\$ 8, 3-6

SANTIAGO-GOV'T TAKES OVER ALL OF CITY'S PRIVATELY OWNED TRANSPORTATION LINES TO FORESTALL A "STRIKE" BY BUS COMPANIES PROTESTING ABOVE RISE

Ap 22, 1-7

PRICES DROP AS MUCH AS 4¢ A GALL. IN DENVER PRICE WAR

---1952---

AG 11, 1-5NITE

DENVER- SERVICE STATION OFFERS FREE PLANE RIDE TO MOTORISTS BUYING  
TANKFUL GAS

**GASOLINE: PRICES: COMMENT**

**1953**

H.G.BURKS JR. CALLS GASOLINE PRICES REASONABLE  
--1957--  
REP CELLER HITS AT GAS PRICE BOOSTS

JL 14, 12-8

F 23, 7-3

1963

GASOLINE: PRICES: CUBA

---

JE 30, A-1-7

HAVANA-CASTRO GOVT RAISED PRICE OF GAS FROM 34 TO 60 CENTS A GALLOON

# GASOLINE : PRICES : DETROIT : INQUIRY

1938

5 OIL COMPANIES STNAD MUTE ON CHARGES OF PLOT TO DESTROY COMPETITION  
 PRICE-CUTTING DISPUTE BETW. NED'S AUTO SUPPLY & MICH. RETAIL GASOLINE  
 DEALERS ASSN. REACHES CIR. CRT.  
 4 DEALERS IN WAYNE CO. GET TANK; CAR PRICES FR. STANDARD OIL CO. OF IND.  
 BRIEFS DRAWN TO DECIDE IF STANDARD OIL CO. OF IND. WILL STNAD TRIAL FOR  
 VIOL. MICH. FAIR TRADE LAW  
 DEALERS TO VOTE ON PLAN TO SPEND PRICE WAR  
 JUDGE GORDON DISMISSES STANDARD OIL CHGS.  
 CASE VS. GORDON-RUBENS AUTO SUPPLY CO. DIRMISSED  
 CASE NOW IN SUPREME CT. TESTING CONSTITUTIONALTY OF MICH. TRADE ACT  
 SLIGHT INCREASES THR UGHOUT CITY  
 FED. TRADE COMMSN. CHGS. 4 DET. FIRMS WITH PRICE DISCRIMINATION  
 STNADARD OIL CO. OF IND. DENIES VIOL. ROBINSON-PATMAN ACT  
 3 OIL FIRMS ANSWER COMPLAINT OF FED. TRADE COMMSN  
 GULF REFINING CO. DENIES SELLING GAS AT DISCRIMINATORY PRICES  
 STANDARD OIL CO. IND. CHG. PRICE DISCRIMINATION ; P ARAPAUGH TESTIFIES

MR 8, 6-5 WSC

MY 29, 1-4-8

AG 19, 4-1

AG 20, 5-2

AG 22, 18-5

S 1, 1-5

S 2, 9-4

S 23, 27-8

F 20, 8-5 BLST

D 2, 1-4

D 2, 2-2 BS

JA 22, 19-2

JA 29, 10-7

MR 10, 25-6

Form 1656

--1941--

—1941—

MR 11, 10-5 BS

P A RAPAUGH AGAIN QUESTIONED IN PRICE QUIZ

MR 12, 5-1

MAX BIBER, ATTY. CALLED TO STAND TO TESTIFY

MR 13, 18-1

ELMER E. LEDBETTER TESTIFIES IN QUIZ

MR 14, 14-4

RETAIL DEALERS PRINCIPAL WITNESSES AT FED. TRADE COMMSN. HEARING ON PRICE DISCRIMINATION CASE BY STANDARD OIL CO. IND.

MR 15, 2-8

PRICE DISCRIMINATION CASE BY FED. TRADE COMMSN. VS. STANDARD OIL CO. IND. HEARING CLOSE

MR 19, 14-6

HEARING ON STANDARD PRICE DISCRIMINATION ADJOURNED TO APR 7TH

AG 2G 25, 2-8 BS 2

JOHN W. NEVILLE REPORTS GAS PRICE HIKES UNDER US INQUIRY

—1958—

JE 6, 1-4 5\*

FED. TRADE COMSN. TO SEND INVESTIGATORS TO DET. TO CHECK GAS CUTS—TERROR—ST

JE 7, 3-1

TEXAS OIL CO. DENIES CHG. OF TRIGGERING GAS PRICE WAR

JE 7, 3-1

CHAS. LOCKWOOD URGES SEN. POTTER TO USE CAUTION IN GAS PRICE INQUIRY

—1960—

JE 7, A-3-4

MICHIGAN'S TWO SENATORS ASK JUSTICE DEPT. TO INQUIRE INTO "CONCERT OF ACTION" BY GASOLINE FIRMS IN RAISING PRICE OF MOTOR FUEL BY 4.1 CENTS A GALLON

# GASOLINE : PRICES : DETROIT

1927

Form 1656

CUT EFFECTIVE TODAY, INCLUDING TAX, 21.8¢ GAL. HIGH

INDEPENDENTS FOLLOW 1¢ CUT OF STANDARD OIL

SINCLAIR ONLY CO. TO CUT PRICE 17.3¢

ALL FIRMS CUT PRICES TO 17.8¢ GAL. ---1928---

STANDARD OIL ANNOUNCES 2¢ ADVANCE

ROBT. ARDELL, STATE REP. THINKS PUBLIC SHOULD KNOW REASON FOR FLUCTUATIONS IN PRICE

DET. PRICES RAISED 2¢ - EDIT ---1929---

WRIT TO AVERT CUT DENIED BY JUDGE SIMONS

SAME

4 STATIONS ANNOUNCE 2¢ CUT TO MEET STANDARD

PRICE UP 1¢ TO 20.8¢ MY 23 ---1930---

STANDARD, SINCLAIR & WAYCO CUT PRICE 2¢

UP 1¢ EFFECTIVE AP 12, STANDARD OIL & SHELL; OTHER FIRMS EXPECTED TO TAKE SIMILAR ACTION

3¢ CUT IN PRICE OF STANDARD BRANDS

PRICE CUT TO 14.3¢ GAL S 17

PRICE WAR BOON TO MOTORIST AT 7 GALS. FOR \$1

INDEPENDENT COMPANIES SUE "FOREIGN CORPS." AS PRICE DROPS TO 14.3¢

PROSECUTOR'S OFFICE WARNS MAJOR COMPANIES OF PROSECUTION UNLESS WAR IS STOPPED

JA 12, 1-5

TEST 24.8¢

MR 1, 1-1

O 4, 1-8

O 5, 1-5

F 27, 1-6

MR 5, 4-8

MR 1, 4-2

JA 21, 1-7

JA 22, 22-4

JA 29, 1-2

MY 23, 1-7

F 8, 1-6

AP 12, 1-3

S 13, 1-3

S 17, 1-6

S 18, 1-2

S 19, 1-8

S 20, 1-8

---1930---

S 21, 1-1-7

8 OIL FIRMS NOTIFIED THAT MAINTENANCE OF VARIED PRICES WILL BRING PROSECUTION FOR UNFAIR COMMERCIAL DISCRIMINATION

S 22, 2-5

END SEEN TO GAS WAR IN ABSENCE OF OFFICIALS OF MAJOR FIRMS

S 23, 27-3

CONSUMER TO PAY FOR PRESENT LOW RATES LATER IN INCREASES

S 24, 1-8

JUSTICE DEPT. BEGINS INVESTIGATION TO FIND WHETHER CUTS VIOLATE LAW

S 25, 4-2

LAWYERS GET BUSY & PROSECUTING ATTY. STARTS LOOKING UP THE LAW, JUSTICE DEPT. BEGINS INVESTIGATION-EDIT

S 26, 1-4

JUSTICE DEPT. AGENTS IN DET., SEEK POSSIBLE VIOL. OF FED. LAW-

S 27, 2-1

INDEPENDENTS' ATTY. A. F. ZELZNIK, DEMANDS PROSECUTION OF LARGE OIL CO.'S

O 4, 1-7

GRAND RIVER OIL CO. PETITIONS CIRCUIT CT. TO RESTRAIN OTHER FIRMS FROM SELLING BELOW COST

O 5, 1-2-1

STANDARD OIL STATES IT CUTS PRICES ONLY TO MEET COMPETITION OF INDEPENDENT FIRMS

O 8, 1-5

ARGUMENTS IN GAS WAR SET FOR O 8, BEFORE JUDGE RICHTER-

O 9, 34-3

PRICE SUIT ABANDONED O 8; CHAS. E. SMITH, ATTY. FOR G. RIVER OIL CO. DECLINES TO PRESS INJUNCTION PLEA

O 15, 36-7

A CUT IN THE DEALERS' PROFIT OF ONE CENT ON GALLON TO GO INTO EFFECT O 15, AMONG STANDARD OIL CO. DEALERS

O 16, 1-4

TEMPORARY ORDER RESTRAINING STANDARD OIL CO. FR CUTTING DEALERS' PROFIT SIGNED BY JUDGE MURPHY, HEARING SET FOR S 25

O 22, 35-1

VINCENT ZDONKIEWICZ IN SUIT CHARGES SINCLAIR REF. CO. TRYING TO SHIFT BURDEN OF WAR TO INDIVIDUAL DEALERS BY REDUCING COMMSN.

Form 1656

SUNNY SERVICE OIL CO. SELLS 9 GAL. FOR \$1 & WHITE STAR REFINING CO. CUTS  
 LIES SERVICE OIL CO. & INDIAN REFINING 8 FOR \$1 N 3, 1-8  
 STANDARD OIL CO. OF IND. SHELL PETROLEUM CORP. & SI CLAIR REF. CO. DROPPED N 4, 1-7  
 PRICES TO 8 FOR \$1 N 4 ---1931---  
 MAJOR DISTRIBUTORS RAISE PRICE 5¢ TO 17.8¢ GAL. JA 3, 1-2  
 WAR COSTS DET. DEALERS ABOUT MILLION A MONTH JA 4, 1-10-3  
 PRICES DROP 2¢ F 4; WAR DENIED BY DEALERS F 4, 1-1  
 REP. F. C. HOLBECK OFFERS BILL TO EQUALIZE GAS PRICE IN STATE F 5, 33-8  
 PRICES DROP 1¢ A GALLON AP 11 AP 11, 1-4  
 CUT CENT A GALLON AP 12, 1-8-5  
 PRICES DROP TO LAST WINTER'S "WAR" LEVEL MY 2, 20-1  
 SHELL & SUNNYSIDE ANNOUNCE CUTS OF 1¢ MY 3, 1-14-1  
 STANDARD OIL, SINCLAIR & WHITE STAR ANNOUNCE REDUCTION ON 3RD RATE GAS MY 14, 2-2  
 TO 9 FOR \$1; SUNNY SERVICE REDUCES TO 10 FOR \$1 JE 2, 1-8  
 PRICES 3RD RATE GAS DROPS TO 10 GAL. FOR \$1 JE 14, 1-5-7  
 SUN OIL CO. CUTS TO 13¢ A GALLON, TAX RAID; ONLY HANDLE ONE GRADE JL 9, 1-2  
 3 MAJOR FIRMS CUT TO 5.6¢ PER GAL. JL 21, 13-8  
 REGULAR & ETHYL GASES CUT 3¢ PER GAL. JL 28, 2-2  
 ETHYL & REGULAR CUT 1.3¢ PER GAL. BY ALL CO.'S

---1931---

AG 20, 36-1

THUMB GASOLINE DEALERS PROTEST LOW PRICES IN DETROIT

AG 25, 1-5

SHELL AND STANDARD OIL CO. RAISE PRICES; LIST NEW RATES

AG 26, 29-1

4.5¢ INCREASE ENDS LOCAL PRICE WAR

AG 29, 1-1

4 COMPANIES ANNOUNCE PRICE CUTS

AG 30, 4-18-8

NEW CUTS MADE BY LARGE DISTRIBUTORS

S 13, 1-1-1

COST OF ALL GRADES UP FROM 1.7 TO 2.07 CENTS GAL.

---1932---

MR 12, 1-5

REGULAR CUT 2¢ PER GALLON

MR 13, 1-4-3

REGULAR GAS PRICES DROP 2¢ GAL

MR 15, 1-7

PREMIUM GAS REDUCED 2¢ PER GAL

AP 19, 2-2

20 DEALERS, REPRESENTING 125 OF THEIR NUMBER, HIT AT PRICE VARIATIONS

JE 21, 1-6

UP 1.1 CENTS TO MEET TAX

JE 21, 4-1 FINAL

US PROBING PRICE BOOST

JL 7, 25-5

STATE LEGISLATIVE COMM. OPENS INQUIRY IN DET.

JL 8, 2-6

INDEPENDENT DEALERS TELL WOES AS INQUIRY OPENS

JL 20, 9-1

WENDELL PHILLIPS URGES RETAILERS TO ORGANISE TO OPPOSE PRICE ZONING OF  
LARGE COMPANIES

XXXXXX

# GASOLINE - PRICES - DET

1932

Form 1656

The Detroit News

AG 28, 1-1-3

MAJOR COMPANIES CUT 1 CENT A GAL

CONTRACT REDUCTION PLAN DISCONTINUED

CUSTOMS BUREAU PROMISES QUIZ OF IMPORTED FUELS-MILLER

S 7,1-3

S 10,2-5

S 13, 2-5

HI-SPEED GAS STATIONS CONTINUE LOW PRICE CONTRACTS.

N 30,4-8

5 MAJOR COMPANIES INCREASE PRICE A CENT

SUN OIL CO INCREASES TO 15¢ PER; OTHER COMPANIES MARK TIME D 15,1-7

ALL COMPANIES INCREASE PRICES TO 15¢ PER 1933

D 16,1-3

JA 2,1-7

SINCLAIR CUTS 1¢ PER GALLON

JA 10,3-1

IMPORTED GAS TARGET OF BILL BY REP WM A AYRES, KANSAS

MY 8,1-5

CUT FROM 1 TO 2¢ PER GALLON

JE 16,2-8

UP 1/2¢

JE 17,2-8

UP ANOTHER 1/2¢ FOR FEDERAL TAX

JE 21,1-3

UP ANOTHER CENT

JL 1,2-6

UP 2¢ TO 1¢

JL 11,8-4

4 FIRMS ADVANCE PRICE 1/2¢

JL 15,4-4

CARL LANGER, IN SUIT VS SHELL PETROLEUM CO, CHARGES OIL FIRMS WITH PRICE

-FIXING PLOT

JL 27,2-3 C S

ETHYL REDUCED; NOW 2¢ ABOVE REGULAR

AG 26,2-6

STANDRAD RAISES PRICE 1/2¢ PER GAL

S 7,1-6

BOOSTED 1/2¢

---1933---

PRICES UP ANOTHER CENT A GALLON

CENT HIGHER; SECOND RISE IN WEEK; MAKES REGULAR 18¢ A GAL

6 COMPANIES CUT PRICE 1/2¢ A GAL ---1934---

RETAIL PRICES UP 1 1/2¢ A GAL; WHOLESALE, OR TANK, PRICES DOWN 1¢ A GALLON

SUNNY SERVICE OIL CO CUTS PRICE 1¢; PRICE WAR SEEN

STEPS TAKEN TO HALT PRICE WAR ---1935---

INDEPENDENT GAS DEALERS TO MEET MR 25 TO DECIDE ON ABANDONMENT OF NRA

CODE

UP 3/10¢ A GALLON

FIGHT DUE IN COURT OVER PRICE INCREASE; RETAIL GASOLINE DEALERS' ASSN

GRANTED INJUNCTION AGAINST FURTHER INCREASES PENDING QUIZ OF PRICE-

FIXING CHARGES

100 INDEPENDENT DEALERS START FOR LANSING TO PROTEST PRICE INCREASE

STANDARD OIL BOOSTS PRICE .3¢ A GALLON

ALL MAJOR COMPANIES BOOST PRICE .3¢ A GALLON

STANDARD OIL ANNOUNCES BOOST OF 3/10¢ A GAL

CITY GASOLINE BID QUIZ ASKED; 7 MAJOR COMPANIES OFFER IDENTICAL BIDS

GAS PRICES HERE DEFENDED BY DISTRIBUTOR, IN REPLY TO LETTER TO EDITOR

FROM CLYDE H BURROUGHS

S 8,6-5 X C S

S 10,1-1-1

D 29,22-3

F 21,185 C S

O 9,1-6

O 11,1-4 1 HOME

MR 21,13-2

MR 22,34-4 BL STR

K MR 25,10-4 BL STR

MR 27,16-3

AP 11,1-1 BL STR

AP 12,45-4

MY 1,2-1 BL STR

JE 18,1-5 C M

JE 20,16-2

Form 1656

CUT OF 2¢ A GALLON ANNOUNCED; REGULAR NOW 16.8¢

INDEPENDENTS SEE GAS WAR IN NEW PRICE CUT

STATE TO INVESTIGATE GAS WAR HERE, FOLLOWING CHARGES OF INDEPENDENTS

NEW CUT OF 7/10¢ ANNOUNCED

GAS REDUCED 2¢ A GALLON

---1936---

PRICES RISE 1/2¢, NOW 17¢ PER GAL.

STANDARD OIL CO. OF IND. TO DROP PRICE POSTING

STANDARD OIL CUTS PRICES .3¢ A GAL.

WHOLESALE PRICES TO BE CUT 1/2¢ A GALLON

---1937---

PRICE GOES UP SIX-TENTHS OF CENT A GAL.

PRICES RAISED 3-TENTHS CENT A GALLON

MEMBERS OF MICH GAS DEALERS UNION NO 1 EMBARRASS DISCOUNTERS

O.E. PUTNAM RAISES PRICE TO \$1 A GALLON WHEN UNION CARS BLOCK UP STATION BECAUSE HE WASN'T CHARGING ENOUGH

NICK RUDELIC'S STATION SELLS GAS AT \$20 PER GALLON

NICK RUDELIC GIVES AWAY GAS TO MOTORISTS

I. PAUL TAYLOR, GAS STATION OWNER PUTS ONE OVER ON AUTO CARAVAN

JL 13, 1-2

JL 14, 1-1-6

JL 16, 1-2

AG 12, 6-7

S 12, 1-5

JE 24, 1-1

AG 27, 4-2-BLST

S 3, 19-3

N 11, 2-3-BLST

F 2, 1-5

MY 13, 1-8

AG 13, 1-3 BL STR

AG 17, 20-2

AG 21, 1-5

AG 22, 1-1-1

AG 26, 17-2 BL STR

---1937---

AG 28, 2-6

4 GAS OWNERS ACCUSED OF GIVING PREMIUMS IN SALES -AG 31, 2-5 NITE  
4 GAS DEALERS STAND MUTE S 2, 4-4

TEMP INJ DISSOLVED RESTRAINING LOBERTY SERVICE STORES FROM GIVING AWAY  
COMMODITIES WITH PURCHASES OF GAS N 4, 8-1-NITE

PRICES REDUCED THREE TENTHS OF A CENT N 24, 4-2  
POLICE TO SEIZE SIGNS AT GAS STATIONS IN BELOW-COST WAR -N 25, 17-4

POLICE ENFORCE MICH. FAIR TRADE ACT: SEIZE SIGNS & PREMIUMS  
N 25, 16-2-BLST

POLICE SEIZE ALL PREMIUMS & SIGNS SELLING GAS LESS THAN 18¢ A GAL.  
---1938---

F 26, 2-8 CITY

DEALERS TO END PRICE WAR

MR 1, 4-6

RAYMOND BROZZO & LEO HINES HELD FOR THREATENING STATIONS WHERE 2-CENT  
DISCOUNTS ARE GIVEN MR 1, 4-6

WARRANTS ISSUED VS TEXAS CO. & B.F. GOODRICH CO., FOR PRICE CONTROLLING  
SCHEMES MR 2, 7-3

POLICE TO CHECK ON GAS DEALERS

MR 24, 4-6

JAMES B. AGE CHGD VIOL OF FAIR TRADE ACT

MR 28, 26-1

CITIES SERVICE & GULF REFINING COMPANIES RAISE PRICE .2 OF A CENT  
AP 8, 37-4

GASOLINE STATION OWNERS TO FIGHT CUT-RATERS

AP 28, 4-2

60 JOBBERS, RETAILERS PLEDGE COMPLIANCE WITH STATE FAIR TRADE LAW TO B  
EGIN MAY 4 NY 3, 1-6

PRICES TO DROP 1¢ A GALLON MAY 3

NY 3, 1-6-NITE

PRICES TO DROP MAY 3

GASOLINE:

PRICES:

DETROIT

1938

Form 1656

MY 6,37-3

UNION PICKETS NEDS AUTO SUPPLY & STARK-HICKEY GAS STATIONS BOTH REFUSE TO BOOST PRICES

MY 14, 2-7

MRS MARGARET P AUSTIN FACES 2 CHGS OF VIOL OF MICH FAIR TRADE LAW

JE 10, 31-8

STARK HICKEY, INC. DISMISSED: CHGD SELLING GAS BELOW COST- JE 12, 5-20-1

NED'S AUTO SUPPLY CO. CHARGES RETAIL GASOLINE DEALERS ASSN. OF MICH. -

WITH CONSPIRACY TO FOR INCREASE IN GAS PRICES

JE 14, 28-1

HERBERT F. RAGGART TO MAKE A COST SURVEY OF RETAIL GASOLINE BUSINESS IN DETROIT

Ag 5, 1-8

DET. IN MIDST OF GAS PRICE CUTTING WAR: PROSECUTIONS THREATENED

N 23, 1-2

GAS STATION BLASTS LINKED TO PRICE WAR: POLICE LACK CLUES-NIEBER

D 9, 4-3 B S

WHOLESALE GAS PRICE CUT ONE CENT

---1939---

F 15, 29-6

DUNCAN C MCCREA ORDERS GAS RETAILERS TO BOOST PRICES -MR 2, 2-6

PARKING LOT BOMBED 13 AUTOS DAMAGED: ATTP TO CUT PRICES OF HAROLD LIN

SENER

JE 16M 1-4 B S -

PRICES DUE TO RISE  $\frac{1}{2}$  CENT A GAL.

PRICE GOES UP  $\frac{1}{2}$  CENT A GALLON

JE 17, 2-6

NEW PRICES SET GAS AT 6 GALLONS FOR 95¢

JE 20, 2-4

---1939---

DET. GAS DEALERS HIT PRICE CUT  
 COURT DISMISSES CHARGES VS CHICAGO-DEXTER SERVICE, INC  
 DEALERS CUT PRICES 7 TENTHS OF A CENT PER GALLON  
 PRICE CUT 1¢  
 PRICE CUT TO 8 GALLONS FOR \$1  
 PRICES BOOSTED TO \$1.10 FOR 7 GALS

S 1, 6-5  
 O 23, 6-6  
 N 1, 4-5  
 N 11, 1-5  
 N 12, 1-11-2  
 N 18, 1-3  
 N 19, 1-22-3

SAME

---1941---

F 27, 39-8

HEARING TO BE HELD MAR. 10 ON ALLEGED PRICE DISCRIMINATION BY STANDARD OIL CO. OF IND. IN SALE OF GAS. IN DET.

PRICE IN DET. AREA TO GO UP TO 17¢ A GALLON AP 5

AP 3, 1-7  
 AP 15, 27-2 BS

PRICE OF GAS TO GO TO 17½¢ THIS WK

AP 22, 4-6  
 MY 22, 20-3

HEARINGS ON FTC COMPLAINT VS STANDARD OIL CO. RESUMED

JE 6, 1-6 CM

GAS TO GO TO 18.2¢

JE 7, 2-5

PRICES IN DET AREA UP 1¢ JE 9

JE 17, 4-5 USC

PRICE UP TO 18.7¢ / GAL JE 9

PRICE HAS GONE UP NEARLY 1/3 IN 3 MOS.

---1942---

MY 19, 3-1

STATE SUP. CT. RULES LAW DESIGNED TO PREVENT CUTTING PRICES TO ELIMINATE COMPETITION CANNOT BE APPLICABLE WITHIN CITY OF DET.

N 10, 20-3

DEALERS RECOMMEND PRICE INCREASE

---1944---

JL 11, 3-2

ETHYL GAS DEALERS ASK PRICE ADJUSTMENT TO COUNTERACT LOSSES RESULTING FROM 50 PER CENT CUT

---1945---

S 26, 2-1

OPA DOESN'T KNOW OF ANY PROFITEERING IN DET

TANK WAGON RATE TO DROP 3/10 OF A CENT

CONSUMERS MAY SHARE IN PRICE DROP

PRICE TO DEALERS INCREASED BY 3/10¢ A GALLON

GASOLINE PRICES TO DEALERS &amp; WHOLESALERS UP

UP TO 20¢ A GALLON FOR REGULAR &amp; 22¢ FOR ETHEL

HIGHER GAS PRICES IN STORE FOR DET &amp; MICH MOTORISTS-

RANKIN PECK FORECASTS INCREASE IN GASOLINE PRICES

1/2¢ INCREASE IN PRICES TO START JAN 20

GAS &amp; FUEL OIL ADVANCE HALF CENT

STANDARD OIL CO., IND., TO ADVANCE PRICES 1/2¢ GAL.-

GAS PRICES GO UP ANOTHER 1/2¢ STARTING MAR 26

RETAIL GAS PRICES TO BE INCREASED 7/10¢

SAME ANNOUNCED BY RANKIN PECK

STANDARD OIL PRICES UNCHANGED IN DET.-

AUTO CLUB OF MICH. PROTESTS 1¢ GAL. INCREASE OF 0 22

SUN OIL CO. INCREASES PRICE BY 1.5¢ TO DEALERS

SERVICE STATION SUPPLIERS ASSN TO FIGHT GAS PRICES-

---1948---

FREIGHT RATE NOT TO CHANGE PRICES IN DET AREA-

DEALERS GET 9TH GASOLINE RAISE: 1/10¢

CONSUMER TO GET RAISE IN GAS PRICE My 6

JA 11, 1-1

JA 12, 19-3

JE 4, 1-3

JL 28, 1-2-8

JL 30, 1-1

AG 27, 1-1 BS 2

JA 14, 23-3 BS 2

JA 17, 1-8

MR 12, 4-1

MR 23, 1-2-8

MR 24, 15-2

JL 23, 1-3 FINAL

JL 24, 2-5

O 14, 10-3

O 23, 29-3

D 17, 7-3 BS 2

U 24, 4-1

JA 12, 22-7 BS 2

MY 4, 1-4

MY 5, 1-2

---1949---  
PRICE CUT DUE FOR GASOLINE AS DSR BIDS DROP

MY 21, 1-7

---1950---  
PRICE OF GAS LIKELY TO RISE WITHIN NEXT 24 HRS  
RISE OF  $\frac{1}{2}$ ¢ A GAL. IN RETAIL PRICE TO TAKE EFFECT AT MIDNIGHT TODAY

MY 31, 1-2

JE 1, 36-4

JE 2, 1-1

PRICE RAISED HALF CENT A GALLON; HIGHEST IN US AMONG LARGE CITIES

MORE FIRMS TO LIST PRICE BOOST

JE 4, 1-4-5

JE 5, 4-1

STANDARD OIL CO. OF IND. DEFENDS ITS  $\frac{1}{2}$ ¢ A GAL. INCREASE

---1951---  
GAS RISES 1.5¢ EFFECT MIDNIGHT TONIGHT

MY 31, 1-1

O 30, 1-4 LATE FIN

PRICES TO BE BOOSTED  $\frac{1}{2}$ -CENT GAL. N 1 DUE TO NEW FED. TAX

---1952---  
SUN & SHELL OIL CO.'S CUT PRICE  $\frac{1}{2}$ ¢ A GALLON

JA 22, 1-8

-JA 23, 14-2

REP. JOS. A. CAVANAGH SAYS PRICE CUT LONG OVERDUE

JA 24, 4-5

SINCLAIR REFINING CUTS GAS ONE CENT

JA 25, 1-3

PRICES BEGIN DROPPING ANOTHER CENT IN DET.

JA 26, 3-3

6 MAJOR FIRMS SCURRY TO MATCH PRICE CUTS

JA 27, 1-20-5

PRICE WAR IN LULL AFTER DROP OF  $\frac{1}{2}$ ¢

JA 28, 1-6 PS 2

SUN OIL CUTS PRICE ANOTHER  $\frac{1}{2}$ ¢

JA 29, 29-8

DEALERS PLAN UNIFIED ACTION TO SIDESTEP PRICE WAR

JA 30, 43-4

PREDICT MORE CUTS & EXTENSION TO OTHER PARTS OF MICH-RUDOW

F 13, 22-1

DET.-AREA RETAIL DEALERS PLEDGE TO DEFEND MINIMUM GROSS PROFIT MARGIN OF 5%

# GASOLINE : PRICES : DETROIT

1952

F 17, 1-24-6

W.M.S. BROOMFIELD SAYS CAUSE OF PRICE DROP IS RESULT OF COMPETITIVE CONDITIONS

MR 7, 2-2

SOCONY BOOSTS PRICE 2.4 ¢ MAKING REGULAR 27.1 & PREMIUM 29.1

MR 11, 3-5

MR 11, 19-7 FINAL

MR 28, 43-1

STANDARD OIL & SUN OIL BOOST PRICE  
SUN, STANDARD, SHELL, TEXAS, DIXIE BOOST PRICES

STANDARD SITED FOR DISCRIMINATORY PRICE FIXING IN DET.

MY 30, 1-3

SHELL OIL CO. CUTS PRICE OF ITS PREMIUM ETHYLE GASOLINE 1 CENT

MY 31, 1-2 FINAL

SOCONY, STANDARD & GULF CUT PRICE 1 PER CENT TO MATCH SHELL OIL CUT

MY 31, 1-3

SOCONY, STANDARD & GULF MATCH SHELL CO'S PRICE CUT OF 1 CENT

JE 1, 1-1-1

ETHYL GAS PRICE CUT BY 4 FIRMS; SINCLAIR EXPECTS TO FOLLOW SUIT IN SMALL PRICE WAR IN DET. AREA

JE 2, 1-1

SINCLAIR, CITIES SERVICE FAIL TO MEET SHELL CO. CUT - OTHERS ALL MEET CUT

JE 3, 24-5BS2

SINCLAIR & CITIES SERVICE JOIN PRICE CUT

JE 6, 4-2 NITE

GAS DEALERS HIT "SQUEEZE", ASK INVESTIGATION OF PRICE REDUCTION

---1953---

MY 19, 1-3

STANDARD OIL CO. IN DET. TO INCREASE GASOLINE PRICES 1.8 TO 2.4 CENTS A GALLON

---1953---

MY 20, 71-1 NITE

MOTION TO INVESTIGATE THE BOOST IN ABOVE PUT BEFORE HOUSE COMM. IN LANSING BY REP. WMS. BROOMFIELD  
DETROIT PAYS HIGHEST PRICES FOR GASOLINE OF 12 MAJOR CITIES IN NATION  
SURVEY REVEALS

MY 21, 5-1

MY 21 1-4

INVESTIGATION APPROVED BY HOUSE BILL BEGIN NEXT WK

MY 22, 14-4

~~SHELL OIL CO. BOOSTS GASOLINE PRICES IN DET. AREA TODAY~~

MY 23, 2-4

SHELL OIL BOOSTS ONLY 1.1 CENTS INCREASE FOR COMPETITIVE REASONS

JE 22, 1-6

WHOLESALE & RETAIL GAS INCREASED 1¢ A GAL. BY PURE OIL PRODUCTS THE 1¢ GAL. WHOLESALE ANNCD. BY STANDARD OIL FOR 10 MID WEST STATES DIDNOT INCLUDE MICH.

---1954---

JA 3, 1-12-1

OHIO GAS WAR FAILS TO DROP PRICES HERE.

AG 20, 11-3

PRICE OF GAS STAYS SAME IN DET. ---1956---

O 10, 19-1

STATE WATERWAYS COMMSN CHGS MARINE FUEL DEALERS IN DET AREA WITH OVER CHGING

O 29, 1-6 LF

STANDARD OIL CO. ANNOUNCES CUT OF 1 CENT A GALLON IN ITS WHOLESALE GASOLINE PRICES IN DET. AREA

O 30 17-5

CUT OF ONE CENT A GALLON ON WHOLESALE GASOLINE PRICES BY MAJOR DISTRIBUTORS IS TOLD TODAY

-----1957-----

JA 10, 3-5

WHOLESALE & RETAIL PRICES ON STANDARD OIL CO. GASOLINE TO GO UP CENT A GALLON TODAY

JA 11, 11-1

SPEEDWAY & SINCLAIR ALSO RAISE PRICES 1¢ GAL.

JA 12, 3-11

SHELL OIL & SUN OIL JOIN PENNY HIKE ON GASOLINE--