



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To THE DEPARTMENT OF MINES,
Charleston, W. Va.

Mrs. Emily F. Mathewson
COAL OPERATOR OR COAL OWNER

630 Bergen Ave., Jersey City, N. J.
ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

same as above
OWNER OF MINERAL RIGHTS

ADDRESS

OWENS, LIBBEY-OWENS GAS DEPARTMENT
NAME OF WELL OPERATOR

P. O. Box 4158, Charleston 4, W. Va.
COMPLETE ADDRESS

July 9, 19 53
PROPOSED LOCATION

Grant District

Wayne County

Well No. 8 (OLO Serial No. 881) 38° 05'
82° 15'

F. E. Mathewson Farm

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 10, 1927, made by Frank E. Mathewson & Wife, to The Owens Bottle Co. & Libbey-Owens Sheet Glass Co., and recorded on the 14th day of September, 1927, in the office of the County Clerk for said County in Book 10, page 185.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

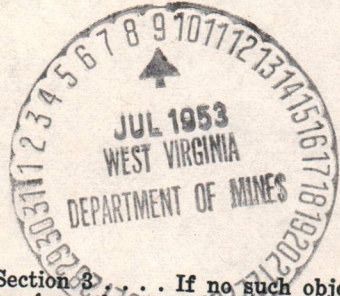
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address this day before, ~~on~~ the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,



Address of Well Operator }

OWENS, LIBBEY-OWENS GAS DEPARTMENT
WELL OPERATOR

P. O. Box 4158
STREET

Charleston - 4 -
CITY OR TOWN

West Virginia
STATE

02/09/2024

*Section 3. . . . If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a drilling permit reciting the filing of such plat, that no objections have been made by the coal operators to the location, or found thereto by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

882



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines,
Charleston, W. Va.

OWENS, LIBBEY-OWENS GAS DEPARTMENT
NAME OF WELL OPERATOR

Mrs. Emily E. Mathewson
COAL OPERATOR OR COAL OWNER

P. O. Box 1158, Charleston 1, W. Va.
COMPLETE ADDRESS

630 Bergen Ave., Jersey City, N. J.
ADDRESS

July 9, 1937
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

Grant
District

ADDRESS

Wayne
County

OWNERS OF MINERAL RIGHTS

Well No. 8 (C.D. Serial No. 881)
Well

ADDRESS

F. E. Mathewson
Town

ADDRESS

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas having fee title thereto, (or as the case may be) under grant or lease dated March 10, 1937 to The Owens Hobbs Co. & Libbey-Owens Sheet Glass Co. and recorded on the 11th day of September, 1937, in the office of the County Clerk for said County in Book 10, page 157

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Mineral District and County above named, determined by survey and courses and distances from two permanent points or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath and farm or tract of land on which said well is located, or within 500 feet of the boundary of the farm, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

(The next paragraph is to be completed only in Department's copy.)
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses XXXXXX this XXXXXX day XXXXXX 19XXXX on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT
WELL OPERATOR

P. O. Box 1158
STREET

Charleston - 1
CITY OR TOWN

West Virginia
STATE

Address
of
Well Operator



02/09/2024

Section 3. If no such objections be filed or be found by the department of mines, within said period of ten days from the receipt of said notice and plat by the department of mines to said proposed location, the department shall forthwith issue to the well operator a drilling permit setting the line of such plat and no objections have been made by the coal operators to the location, or found therein by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number WAY-882

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



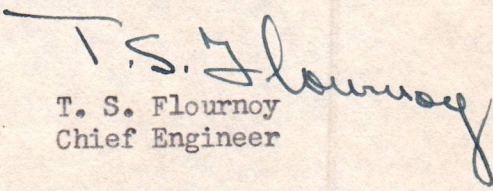
July 9, 1953

W. Va. Department of Mines
Oil and Gas Division
Charleston - 5 - W. Va.

Gentlemen:

We are submitting an application for a permit for our well No. 881 which is farm well No. 8 on our F. E. Mathewson lease, situated in Grant District, Wayne County. A plat showing the location is also enclosed.

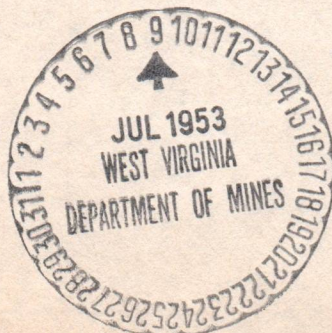
Yours very truly,


T. S. Flournoy
Chief Engineer

JC

Encls. (2)

cc. Mrs. Emily F. Mathewson



02/09/2024

OWENS-LARBY-OWENS GAS DEPARTMENT

2703 MACCORKLE AVENUE
CHARLESTON, WEST VIRGINIA



JUL 23 1934

Mr. J. B. ...
Department of Mines
Oil and Gas Division
Charleston, W. Va.

Dear Sir:

We are submitting an application for a permit for our well
No. 1 which is located on our 8.5 Acre tract in
Grant District, West Virginia. A plat
showing the location is also enclosed.

Very truly,
Yours,

J. B. ...
J. B. ...
District Engineer

J. B.

cc. Mr. ...
District Engineer



July 20, 1953

Owens, Libbey-Owens Gas Department
P. O. Box 4158
Charleston, West Virginia

Gentlemen:

Enclosed is permit WAY-882 to drill Well
No. S-Sr-881 on the F. E. Mathewson Farm, Grant
District, Wayne County.

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-2

CC: Inspector O. C. Allen

02/09/2024

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime	Grey	Hard	1543	1551			
Big Lime	White	Hard	1551	1576			
Big Lime	Grey	Hard	1576	1578	Gas 1572,	40/10 W-1"	49 M
Big Lime	White	Hard	1578	1614			
Red Injun	Red	Med.	1614	1665			
Grey Injun	Grey	Hard	1665	1682			
Sl.&Shells	Grey	Med.	1682	1768			
Sl.&Shells	Grey	Hard	1768	1778			
Lime	Grey	Med.	1778	1798			
Lime	Grey	Hard	1798	1802			
Sl.&Shells	Grey	Med.	1802	1865			
Sl.&Shells	Grey	Soft	1865	2064			
Shell	Grey	Hard	2064	2077			
Sl.&Shells	Grey	Soft	2077	2207			
Berea Sand	Grey	Hard	2207	2252	Test 2207	22/10 W-3/8"	= 5.1 M
					Gas 2226	64/10 W-3/8"	8.8 M
					Test 2245	40/10 W-3/8"	6.9 M
					Gas 2254	48/10 W-3/8"	7.6 M
Slate	Light	Soft	2252	2272			
Shell	Light	Hard	2272	2281			
Sl.&Shells	Grey	Med.	2281	2346			
Sl.&Shells	Light	Soft	2346	2373			
Sl.&Shells	White	Soft	2373	2403			
Sl.&Shells	Light	Soft	2403	2438			
Slate	White	Soft	2438	2456			
Slate	Light	Soft	2456	2480			
Sl.&Shells	Light	Med.	2480	2592			
Slate	Light	Soft	2592	2613			
Sl.&Shells	Light	Med.	2613	2666			
Slate	Light	Soft	2666	2700			
Sl.&Shells	Light	Soft	2700	2760			
Shale	Br.	Soft	2760	2792	SLM 2760'	Sand LM 2765	
Slate	Light	Soft	2792	2815			
Shale	Br.	Soft	2815	2850			
Sl.&Shells	Grey	Med.	2850	2858			
Sl.&Shells	Dark	Med.	2858	2880	Test 2880'	12/10 W-3/8"	3.8 M
Sl.&Shells	Light	Med.	2880	2903	Gas 2903'	16/10W-3/8"	4.4 M
Shale	Br.	Soft	2903	3227			
Slate	Light	Soft	3227	3249			
		Total Depth		3249			
		T.D. After Shot		3185			
					Test 3187	13/10 W-3/8"	3.9 M
					Gas 3227	50/10 W-3/8"	7.7 M
					Shot 10-13-53, With 11000# Detonite, from 2100' to 3251'.		
					Test Before Shot:	60/10 W-3/8"	8.5 M
					Test 1 Hr. A.S.	10/10 M-2"	= 366 M
					Test 18 Hrs. A.S.	37/10 W-1 1/2"	107 M
					Installed 3 1/2" tubing on hook wall packer at 1771 feet.		
					Final Open Flow (25 hr. After Shot):		
					Big Lime	=	2 MCF
					Berea & Br. Shale	=	97 MCF
					Total	=	99 MCF
					Shut in 10-14-53 - 3 1/2" tubing.		

02/09/2024

Date November 20, 19 53

APPROVED OWENS, LIBBEY-OWENS GAS DEPT., Owner

By *C. F. Smith*
(Title) Geologist



DEPARTMENT OF MINES
OIL AND GAS DIVISION 7

WELL RECORD

Oil or Gas Well Gas (KIND)

Permit No. WAY-882

02/06/2024

Wayne

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT

Address P. O. Box 1158, Charleston 1, W. Va.

Farm F. E. Mathewson Acres 861

Location (waters) Well No. 8 (Serial #881) Elev. 1023.8

District Grant County Wayne

The surface of tract is owned in fee by

Address Mrs. Eml J. F. Mathewson

Mineral rights are owned by Mrs. Eml J. F. Mathewson

630 Bergen Ave., Jersey City, N. J.

Drilling commenced 7-21-53

Drilling completed 10-9-53

Date Shot 10-13-53 From 2100' To 3251'

With 11000# Detonite

Open Flow /10ths Water in Inch

Volume B.L. 2 MCF; Ber. & Br. Shale 97M = 99M Cu. Ft.

Rock Pressure lbs. 110 hrs. 188

Oil Fresh water Salt water

feet feet feet

feet feet feet

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Left in Well	Used in Drilling	Casing and Tubing
16	Size	16
13	Size	13
10	Size	10
Kind of Packer O.W.S.	Kind of Packer O.W.S.	Kind of Packer O.W.S.
Hook Wall	Hook Wall	Hook Wall
Size of 6-5/8" x 3-1/2" x 16	Size of 6-5/8" x 3-1/2" x 16	Size of 6-5/8" x 3-1/2" x 16
Depth set 1767-1771	Depth set 1767-1771	Depth set 1767-1771
Perf. top 1771.20	Perf. top 1771.20	Perf. top 1771.20
Perf. bottom	Perf. bottom	Perf. bottom
Perf. top	Perf. top	Perf. top
Perf. bottom	Perf. bottom	Perf. bottom
Liners Used	Liners Used	Liners Used
2	2	2
5 3/16	5 3/16	5 3/16
8 3/4	8 3/4	8 3/4
1531.10	1531.10	1531.10
1661.70	1661.70	1661.70
1771.20	1771.20	1771.20

CASING CEMENTED No. Ft. DATE

COAL WAS ENCOUNTERED AT 393 FEET 21 INCHES

FEET 21 INCHES

FEET 21 INCHES

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Water 120', 2 BPH

Water 230', 2 BPH

Water 415, 3 BPH

Water at 1032, hole full.

Water at 1032, hole full.

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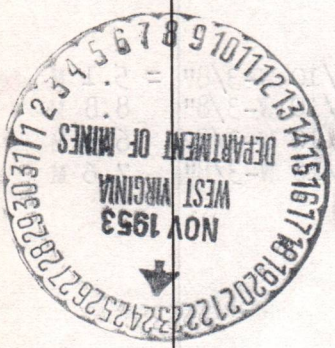
Water at 1032, hole full.

Water at 1032, hole full.

Water at 1032, hole full.

Water at 1032, hole full.

Water at 1032, hole full.



(OVER)

(OVER)

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Soil	Yellow	Soft	0	4			
Sand	Yellow	Med.	7	125			
Slate	Grey	Soft	125	113			
Sand	Grey	Med.	113	167			
SL&SHELLS	Light	Soft	167	217			
Sand	White	Med.	217	278			
Slate	Dark	Soft	278	313			
Sand	White	Med.	313	385			
Slate	Grey	Soft	385	393			
Coal	Black	Soft	393	395			
Slate	Grey	Soft	395	401			
SL&SHELLS	White	Med.	401	411			
Sand	White	Med.	411	436			
Slate	Grey	Soft	436	466			
SL&SHELLS	Grey	Soft	466	494			
Coal	Black	Soft	494	496			
SL&SHELLS	White	Med.	496	628			
Sand	White	Med.	628	672			
Slate	Grey	Soft	672	688			
Sand	White	Med.	688	697			
Broken Sand	Grey	Med.	697	749			
Slate	Grey	Soft	749	769			
Shell	Dark	Hard	769	787			
Lime	Black	Med.	787	818			
Sand	White	Soft	818	1022			
Settling S.	White	Med.	1022	1056			
Sand	White	Med.	1056	1122			
L. Shell	Dark	Hard	1122	1165			
Slate	Grey	Soft	1165	1169			
SL&SHELLS	Dark	Soft	1169	1192			
Sand	Dark	Med.	1192	1215			
Sand	White	Hard	1215	1264			
Slate	Grey	Soft	1264	1308			
Sand	Light	Hard	1308	1399			
Little Lime	Dark	Hard	1399	1415			
Pencil Cave	---	---	1415	1417			
Big Lime	White	Hard	1417	1473			
Big Lime	White	Hard	1473	1543			

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-099-0882</u>																								
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>108</u> Section of NGPA	<u>NA</u> Category Code																							
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>NA</u> feet																								
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Industrial Gas Corporation</u> Name <u>P. O. Box 1473</u> Street <u>Charleston</u> <u>WV</u> <u>25325</u> City State Zip Code			<u>009283</u> Seller Code																					
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>NA</u> Field Name <u>Wayne</u> <u>WV</u> County State																								
(b) For OCS wells:	<u>NA</u> <u>NA</u> Area Name Block Number Date of Lease: <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center; font-size: 8px;">Mo.</td> <td style="text-align: center; font-size: 8px;">Day</td> <td style="text-align: center; font-size: 8px;">Yr.</td> <td colspan="3"></td> </tr> </table> <u>NA</u> OCS Lease Number										Mo.	Day	Yr.												
Mo.	Day	Yr.																							
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>F. E. Mathewson</u> <u>8-881</u>																								
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>NA</u>																								
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	See Addendum "A" <u>Houdaille Industries, Inc.</u> Name			<u>N/Available</u> Buyer Code																					
(b) Date of the contract:	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> <td style="border: 1px solid black; width: 15px; height: 15px;"></td> </tr> <tr> <td style="text-align: center; font-size: 8px;">1</td> <td style="text-align: center; font-size: 8px;">2</td> <td style="text-align: center; font-size: 8px;">2</td> <td style="text-align: center; font-size: 8px;">6</td> <td style="text-align: center; font-size: 8px;">7</td> <td style="text-align: center; font-size: 8px;">3</td> <td></td> </tr> <tr> <td style="text-align: center; font-size: 8px;">Mo.</td> <td style="text-align: center; font-size: 8px;">Day</td> <td style="text-align: center; font-size: 8px;">Yr.</td> <td colspan="3"></td> <td></td> </tr> </table>											1	2	2	6	7	3		Mo.	Day	Yr.				
1	2	2	6	7	3																				
Mo.	Day	Yr.																							
(c) Estimated annual production:	<u>4.4</u> MMcf.																								
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	See Addendum "A" <u>1 2 8 3</u> -----	(a) Base Price (\$/MMBTU)	(b) Tax <u>0 0 5 1</u> -----	(c) All Other Prices [Indicate (+) or (-).] <u>0 0 0 3</u> -----	(d) Total of (a), (b) and (c) <u>1 3 3 6</u> -----																				
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	<u>2 . 2 4 3</u>	<u>2 . 2 4 3</u>	<u>0 . 3 0 2</u>	<u>0 . 0</u>	<u>2 . 5 4 5</u>																				
9.0 Person responsible for this application:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; text-align: center;"> Agency/Use Only </td> <td style="width:70%;"> <u>William C. Charlton</u> <u>Division Counsel</u> Name Title </td> </tr> <tr> <td style="text-align: center;"> Date Received by Juris. Agency <u>02/28/79</u> </td> <td style="text-align: center;"> <u>William C. Charlton</u> Signature </td> </tr> <tr> <td style="text-align: center;"> Date Received by FERC </td> <td style="text-align: center;"> <u>02 / 28 / 79</u> <u>(304) 342-8166</u> Date Application is Completed Phone Number </td> </tr> </table>				Agency/Use Only	<u>William C. Charlton</u> <u>Division Counsel</u> Name Title	Date Received by Juris. Agency <u>02/28/79</u>	<u>William C. Charlton</u> Signature	Date Received by FERC	<u>02 / 28 / 79</u> <u>(304) 342-8166</u> Date Application is Completed Phone Number															
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02/09/2024

WELL DETERMINATION REPORT

ARTICIPANTS:

DATE: 007 1 0 1979

BUYER-SELLER CODE

WELL OPERATOR: Industrial Gas Corporation

009283

FIRST PURCHASER: Houdaille Industries, Inc.

OTHER: _____

Qualifies as section 108. stuffer well
R. [Signature]

W. Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
790228-108-099-0882
Use Above File Number on all Communications
Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 Items not completed - Line No. _____
- 2 IV-1 - Agent William C. Charlton
- 3 IV-2 - Well Permit
- 4 IV-6 - Well Plat
- 5 IV-35- Well Record Drilling Deepening _____
- 6 IV-36- Gas-Oil Test: Gas Only Was Oil Produced? No Ratio _____
- 7 IV-39- Annual Production 2 years
- 8 IV-40- 90 day Production 87 Days off Line: _____
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58. Complete Affidavit Signed
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
- (5) Date ~~Completed~~ Commenced: 7-24-53
date of frac: 10-13-53 Deepened _____
- (5) Production Depth: 2207, 2226, 2245 / 2254 / 2880, 2903, 3187, 3227, 1572
- (5) Production Formation: Berea, Slate, Slate & Shells, Shale, Slate, Big Lim
- (5) ~~Initial Potential:~~ F.O.F.: Big Lim - 2 mcf, Berea & Br. Shale - 97 mcf, Total - 99 m
- (5) Static R.P. ~~initially:~~ after frac: 410 # - 188 hrs
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 10.8 mcf $\frac{3903}{363}$
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 7.4 mcf $\frac{643}{87}$
- (8) Line Pressure: 31 PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____ 02/09/2024
- (10-17) Does lease inventory indicate enhanced recovery being done: No
- (10-17) Is affidavit signed? Notarized?
- Does official well rec. with the Department confirm the submitted information? Yes
- Additional Information: _____ Does computer program confirm? _____
- Was Determination Obsolete to? _____ By Whom? DM

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date 02/28 1979
Operator's Well No. 8-881
API Well No. 47 - 099 - 0882
State County Permit

WELL CLASSIFICATION FORM
STRIPPER GAS WELL
NGPA Section 108

DESIGNATED AGENT William C. Charlton
ADDRESS P. O. Box 1473
Charleston, WV 25325

WELL OPERATOR Industrial Gas Corporation
ADDRESS P. O. Box 1473
Charleston, WV 25325

LOCATION: Elevation 1,023.8'
Watershed Not Available
Dist. Grant County Wayne Quad. Wayne
Gas Purchase Contract No. *
Meter Chart Code R0323
Date of Contract *

GAS PURCHASER *
ADDRESS

*See FERC-121 - Addendum "A"

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

(See Attachment)

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

All records required to determine production by meter stations are maintained in Charleston, West Virginia.

B&O Tax Records are located in Charleston, West Virginia, our Boston, Massachusetts office and the Houston, Texas office.

Royalty payment instructions are located in Charleston, West Virginia office and Houston, Texas office.

Describe the search made of any records listed above:

I have made a diligent search of the production records located in Charleston, West Virginia. They were the records utilized in making the determination herein.

Are you aware of any other information which would tend to be inconsistent with the information specified above? Yes ___ No X. If yes, indicate the type and source of the information.

AFFIDAVIT

I, Lawrence B. Mentzer, having been first sworn according to law, state that I have caused to be made a diligent search of those records hereinbefore indicated in the manner herein described, that the information contained in this document is true and accurate and that on the basis of the records and examinations hereinbefore described, and to the best of my information, knowledge and belief, the well for which this certification is sought qualifies as a stripper well.



STATE OF WEST VIRGINIA,

COUNTY OF Kanawha, TO WIT:

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that Lawrence B. Mentzer whose name is signed to the writing above, bearing date the 28 day of February, 19 79, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 28 day of February, 1979.

My term of office expires on the 5th day of December, 1985.



Notary Public

02/09/2024

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date February 28, 1979

Operator's Well No. 8-881

API Well No. 47 - 099 - 0882
State County Permit

Previous File No. NA
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Industrial Gas Corporation

DESIGNATED AGENT William C. Charlton

ADDRESS P. O. Box 1473
Charleston, W. Va. 25325

ADDRESS P. O. Box 1473
Charleston, W. Va. 25325

Gas Purchase Contract No. * _____ and Date _____
(Month, day and year)

Meter Chart Code R0323

Name of First Purchaser *

(Street or P. O. Box)

(City)

(State)

(Zip Code)

FERC Seller Code 009283

FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) Section of NGPA 108 Category Code NA
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

(*See FERC-121 Addendum "A")

William C. Charlton Division Counsel
Name (Print) Title

William C. Charlton
Signature

P. O. Box 1473
Street or P. O. Box

Charleston, W. Va. 25325
City State (Zip Code)

304 342-8166
Area Code Phone Number

304 342-8166
Area Code Phone Number

304 342-8166
Area Code Phone Number

304 342-8166
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

See Separate Certificate Attached

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1978, (NGPA); or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the _____ day of _____, 19____, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____

Initial review of information submitted indicates the well is. is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

FEB 28 1979

William C. Charlton
Director

By _____
Title _____

Date received by _____
Jurisdictional Agency

02/09/2024

U.S. DEPARTMENT OF ENERGY
Federal Energy Regulatory Commission
Washington, D.C. 20426

**APPLICATION FOR DETERMINATION OF THE MAXIMUM LAWFUL
PRICE UNDER THE NATURAL GAS POLICY ACT (NGPA)**
(Sections 102, 103, 107 and 108)

PLEASE READ BEFORE COMPLETING THIS FORM:

General Instructions:

Complete this form if you are applying for price classification under sections 102, 103, 107 or 108 of the NGPA. A separate application is required for each well. If any reservoir qualifies for a category which differs from the category applicable to the producing well, separate applications must be made for the producing well and the reservoir. Complete each appropriate item on the reverse side of this page. The code numbers used in items 4.0 and 6.0 can be obtained from the Buyer/Seller Code Book. If there is more than one purchaser or contract, identify the additional information in the space below. Enter any additional remarks in the space below.

Submit the completed application to the appropriate Jurisdictional Agency as listed in title 18 of the CFR, part 274.501. If there are any questions, call (202) 275-4539.

Specific Instructions for Item 2.0, Type of Determination:

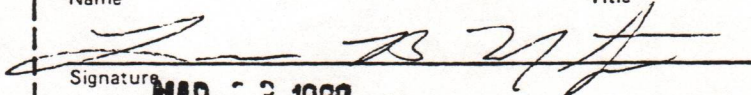
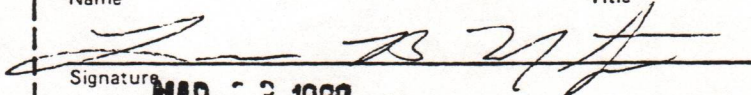
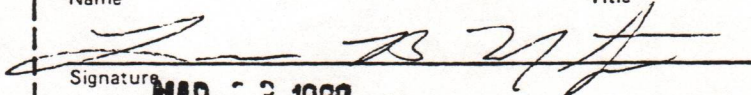
<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	Stripper well

Other Purchasers/Contracts:

<u>Contract Date</u> (Mo. Day Yr.)	<u>Purchaser</u>	<u>Buyer Code</u>
06/08/79	Industrial Gas Corporation	009283
_____	_____	_____
_____	_____	_____

Remarks:

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47- 099-0882</u>							
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA	<u>NA</u> Category Code						
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>NA</u> feet							
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Tug Fork Corporation</u> Name		<u>N/A</u> Seller Code					
	<u>P. O. Box 3711</u> Street							
	<u>Charleston</u> City		<u>WV</u> State	<u>25337</u> Zip Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>NA</u> Field Name							
	<u>Wayne</u> County		<u>WV</u> State					
(b) For OCS wells:	<u>NA</u> Area Name		<u>NA</u> Block Number					
			Date of Lease: _____ Mo. Day Yr.					
			<u>NA</u> OCS Lease Number					
(c) Name and identification number of this well: (35 letters and digits maximum.)	<u>F.E. Mathewson</u>		<u>8-881</u>					
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>NA</u>							
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Tennessee Gas Pipeline Company</u> Name		<u>018629</u> Buyer Code					
(b) Date of the contract:	<u>0 8 1 7 8 0</u> Mo. Day Yr.							
(c) Estimated annual production:	<u>4.4</u> MMcf.							
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)			
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		<u>2.404</u>	<u>324</u>	<u>0.0</u>	<u>2.728</u>			
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		<u>2.404</u>	<u>324</u>	<u>0.0</u>	<u>2.728</u>			
9.0 Person responsible for this application:	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; text-align: center;">Agency Use Only</td> <td rowspan="3" style="width:70%; vertical-align: top;"> <u>Lawrence B. Mentzer</u> Name  Signature <u>MAR 3 1980</u> Date Application is Completed </td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> </table>				Agency Use Only	<u>Lawrence B. Mentzer</u> Name  Signature <u>MAR 3 1980</u> Date Application is Completed	Date Received by Juris. Agency	Date Received by FERC
Agency Use Only	<u>Lawrence B. Mentzer</u> Name  Signature <u>MAR 3 1980</u> Date Application is Completed							
Date Received by Juris. Agency								
Date Received by FERC								
		<u>Corporate Attorney</u> Title		<u>(304) 342-8166</u> Phone Number				

DATE: AUG 12 1980

NAME: Tug Fork Corp. NA

ADDRESS: Tennessee Gas Pipeline Co. D18629

Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER

00331-107-099-0882

Above File Number on all Communications
 Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NONE IF NONE IS MISSING

- 2V-1 Plans not completed - Date No. _____
- 2V-1 Agent Lawrence B. Mentzer
- 2V-2 Well Permit _____
- 2V-3 Well Plat
- 2V-3 Well Record Drilling Sealing _____
- 2V-34 Gas-Oil Tests: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 2V-35 Annual Production No Prod.
- 2V-40 90-day Production _____ Days off line: _____
- 2V-45 Application for certification:
- 2V-46 1-11-53 - 12-11-53 - 1-11-54 - 2-11-54 - 3-11-54 - 4-11-54 - 5-11-54 - 6-11-54 - 7-11-54 - 8-11-54 - 9-11-54 - 10-11-54 - 11-11-54 - 12-11-54 _____
- 2V-47 Survey _____
- Structure Map _____
- Gas Analyses _____

- 3) Date commenced: 7/24/53 Date completed 10/13/53 Suspended _____
- 4) Production depths: 2903/3227; 2252/72; 2207/52; 1551/76
- 5) Production Formations: Shale; Slate; Berea; Big Lime
- 6) Final Open Flow: 99mcfd
- 7) Water Test: S.F.S. 410#
- 8) Other Gas Tests: _____
- 9) Avg. Daily Gas from Annual Production: No Prod
- 10) Avg. Daily Gas from 90-day ending w/1 - 100 days: " " 02/09/2024
- 11) Line Pressure: None 1510 from Daily Report
- 12) Oil Production: No From Completion Report _____
- 13) Does lease inventory indicate enhanced recovery being done? No
- 14) Is there any other information to be added?

Official well record with the Department contains the submitted information? Yes

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

Date MAR 3 1980, 1980
Operator's Well No. 8-881
API Well No. 47 - 099 - 0882
State County Permit

WELL CLASSIFICATION FORM
HIGH COST GAS WELL
NGPA Section 107

DESIGNATED AGENT Lawrence B. Mentzer
ADDRESS P. O. Box 3711
Charleston, W. Va. 25337
WELL OPERATOR Tug Fork Corporation
ADDRESS P. O. Box 3711
Charleston, W. Va. 25337
GAS PURCHASER Tennessee Gas Pipeline Company
ADDRESS P. O. Box 2511
Houston, Texas 77001
LOCATION: Elevation 1023.8
Watershed N/A
Dist. Grant County Wayne Quad. Wayne
Gas Purchase Contract No. TF-1
Meter Chart Code R0323
Date of Contract 08/17/80

* * * * *

AFFIDAVIT

I, James O. Sayre, having been first sworn according to law, state that, the well is producing natural gas produced from the fractures, micropores and bedding planes of shales deposited during the Paleozoic Devonian Period as generally found in the subsurface of the Appalachian Basin and in the surface out crops around its periphery. For the purposes of this statement, Devonian shale is defined as that shale stratigraphic interval that lies between the base of the Mississippian Berea Sand or, if absent, that of the Osage Series, and the top of the Onondaga limestone formation or its chert equivalent, the top of the Huntersville group of carbonates. I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

James O. Sayre
Geologist

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha, TO WIT:

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that James O. Sayre, whose name is signed to the writing above, bearing date the 3rd day of March, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of March, 1980
My term of office expires on the 5th day of December, 1985.

Charlotte I. Mathews
Notary Public

[NOTARIAL SEAL]

ELECTRIC LOGS

With reference to this well, please note that, at the time of the drilling hereof, neither electric logs nor the technology for logging were available. In lieu of actual electric logs on this well, we hereby refer to the gamma ray log and temperature log of the Columbia Gas Transmission #20402, Permit No. Lincoln 1656. Our geologist(s) submit that these logs are representative of the area and shows the same or similar formations and structures as encountered in the well herein filed for.

Please refer to 107 Tug Fork well certification filing on Well No. 33-497, API No. 47-005-0397 for a copy of the said gamma ray and temperature logs applicable herein.

02/09/2024

IV-39-WC

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
DIVISION - OIL AND GAS

ANNUAL REPORT OF MONTHLY PRODUCTION-1977A

GAS VOLUMES IN MFC 2 14.73
OIL IN DARRELLS 2 60 DEGREES
OPERATOR Industrial Gas Corporation

REPORT NO. CCA101P1 PG. 00002
CURRENT DATE - 2/28/79
REPORT DATE - 2/28/79

API	FARM	F. E. Mathewson	8-881	COUNTY	Wayne	AVG. FLOW PRESSURE	31	SHUT-IN PRESSURE	NA	TOTALS
GAS MFC	259	456	198	361	305	236	121	466	280	5871
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	0-	431
DAYS ONLINE	30	34	27	31	32	28	28	37	29	011
										365

1977

API	FARM	F. E. Mathewson	8-881	COUNTY	Wayne	AVG. FLOW PRESSURE	31	SHUT-IN PRESSURE	NA	TOTALS
GAS MFC	652	199	387	399	420	317	269	362	255	3903
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	0-	182
DAYS ONLINE	38	25	29	29	33	29	30	32	31	011
										363

1978

SUMMARIZATION SCHEDULE
Section 271.804 (b)

In accordance with Section 271.804(b) please list all other wells which are to be used in determining this well classification under Part 271 Subpart H.

API NUMBERS

- 47-099-0893; 47-099-0913; 47-099-0748; 47-099-0788; 47-099-0886; 47-099-0875; 47-099-0882;
- 47-099-0885; 47-099-0858.

02/09/2024

