



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

OWENS, LIBBEY-OWENS GAS DEPARTMENT
NAME OF WELL OPERATOR

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

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

COAL OPERATOR OR COAL OWNER

July 13, 19 53
PROPOSED LOCATION

ADDRESS

Grant District

OWNER OF MINERAL RIGHTS

Wayne County

ADDRESS

Well No. 9-(OLO Serial No. 884) 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.

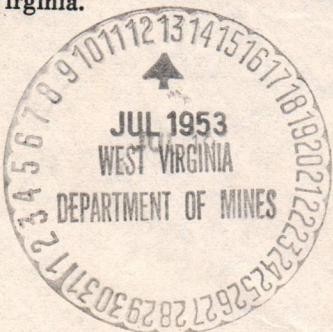
(The next paragraph is to be completed only in Department's copy.)

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, ~~or~~ 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 4158
STREET
Charleston - 4-
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 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.

885



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

OWENS, LIBBEY-OWENS GAS DEPARTMENT

COAL OPERATOR OR COAL OWNER

NAME OF WELL OPERATOR

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

ADDRESS

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

COMPLETE ADDRESS

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

ADDRESS

Street

OWNER OF MINERAL RIGHTS

County

ADDRESS

F. E. Mathewson

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 to Frank E. Mathewson & Wife

The Owens Bottle Co. & Libbey-Owens Sheet Glass Co. and recorded on the 15th day

of September, 1927, in the office of the County Clerk for said County in

Book ID page 182

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 of said 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 both of coal beneath said farm or tract of land on which said well is located or within 500 feet of the bounds 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 plan 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 plan were mailed by registered mail, or delivered to the above

named coal operators or coal owners at their above shown respective addresses this day 1927.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

WELL OPERATOR

P. O. Box 1158

STREET

Charleston - W. Va.

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 plan 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, that no objections have been made by the coal operators in the location, or found there by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

PERMIT NUMBER

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE
P. O. BOX 4158
CHARLESTON 4, WEST VIRGINIA



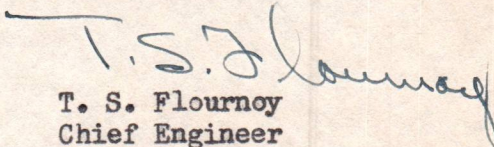
July 13, 1953

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. 884 which is farm well No. 9 on our F. E. Mathewson lease, situated in Grant District, Wayne County. A plat showing the location is also enclosed.

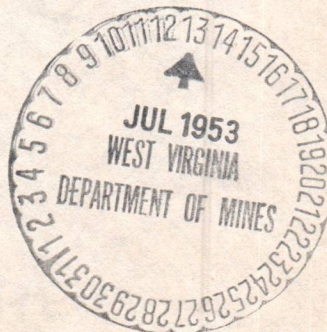
Yours very truly,


T. S. Flournoy
Chief Engineer

JC

Encls (2)

CC: Mrs. Emily F. Mathewson



02/09/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

CHARLESTON

July 23, 1953

JOSEPH BIERER
ARCH J. ALEXANDER
CHIEF

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

Gentlemen:

Enclosed are permits for the drilling of the following wells:

| <u>Permit No.</u> | <u>Well No.</u> | <u>Farm</u> | <u>District</u> |
|-------------------|-----------------|-----------------|-----------------|
| Lin-1122 | 5-Sr-891 | F. F. Starcher | Harts Creek |
| Way-885 | 9-Sr-884 | F. E. Mathewson | Grant |

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

CNH:K
Encl-4

CC: Inspectors Dana E. Lawson
O. C. Allen

02/09/2024



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

July 23, 1923

JOSEPH BIEBER
CHIEF

Owens, Libbey-Owens Gas Department
P. O. Box 1128
Charleston, West Virginia

Gentlemen:

Enclosed are permits for the drilling of the following

wells:

| Permit No. | Well No. | Name | District |
|------------|----------|-----------------|-------------|
| 112-1122 | 2-27-821 | F. W. Starcher | Harts Creek |
| Way-882 | 2-27-821 | F. E. Mathewson | Grant |

Very truly yours,

Administrative Assistant
OIL AND GAS DIVISION

OWB:K
Encl-1

OG: Inspectors Dana E. Lawson
O. C. Allan

| Formation | Color | Hard or Soft | Top 14 | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--------------|-------|--------------|-----------|--------|--|-------------|---------|
| Sand | Light | Hard | 1037 | 1039 | Twelve hours later, hole was filled with water again. Gas would not test. | | |
| Sand | White | Med. | 1039 | 1049 | | | |
| | | | | | Reamed hole from 805 to 817'. Ran 8-5/8" csg. at 817'. Bailed water but could not bail past 100' off bottom. Gas tested 60/10 W-1/8" pl = .9 M | | |
| | | | | | Pulled 8-5/8" csg. | | |
| | | | | | Test after pulling csg.: 32/10 W-5/8" pl. = 17.3 M | | |
| | | | | | Reamed hole to 832. Re-ran 8-5/8" csg. at 832. Water would not bail down water level 200'. | | |
| | | | | | Resumed drilling. | | |
| | | | | | Water level raised to 164' at 1150 | | |
| Sand | White | Hard | 1049 | 1167 | | | |
| Sand | Grey | Hard | 1167 | 1177 | | | |
| Slate | Light | Soft | 1177 | 1180 | | | |
| Big Lime | White | Hard | 1180 | 1275 | | | |
| Big Lime | White | Hard | 1275 | 1355 | | | |
| | | | | | Gas 1288 5/10 W-1/4" 1.0 M | | |
| | | | | | Gas 1294' 20/10 W-1/4" 2.9 M | | |
| | | | | | Gas 1302 7/10 W-5/8" 8.1 M | | |
| | | | | | Test 1382' - 18/10 W-1/4" 2.0 M | | |
| Mac Crady | Red | Hard | 1355 | 1384 | | | |
| Injun Sand | Grey | Hard | 1384 | 1450 | | | |
| Sl. & Shells | Dark | Med. | 1450 | 1495 | Gas 1405 31/10 W-5/8" 17.0 M | | |
| Sl. & Shells | Light | Soft | 1495 | 1501 | | | |
| Lime Shells | Dark | Hard | 1501 | 1511 | | | |
| Sl. & Shells | Dark | Med. | 1511 | 1541 | | | |
| Sl. & Shells | Light | Hard | 1541 | 1557 | | | |
| Lime Shells | Light | Med. | 1557 | 1580 | | | |
| Slate | Dark | Soft | 1580 | 1623 | | | |
| Sl. & Shells | Light | Med. | 1623 | 1669 | | | |
| Slate | Light | Soft | 1669 | 1936 | | | |
| | | | | | Test 1651 46/10 W-3/8" 7.4 M | | |
| | | | | | Gas 1669 60/10 W-3/8" 8.5 M | | |
| | | | | | Test 1690 40/10 W-3/8" 6.9 M | | |
| | | | | | Gas 1705 46/10 W-3/8" 7.4 M | | |
| | | | | | Gas 1722 52/10 W-3/8" 7.9 M | | |
| | | | | | Test 1936, when starting up, 39/10 W-3/8" = 6.8 M | | |
| Shale | Brown | Soft | 1936 | 1946 | | | |
| Berea | Light | Hard | 1946 | 1956 | Gas 1951 51/10 W-3/8" 7.8 M | | |
| Slate | Light | Soft | 1956 | 1966 | Gas 1961 58/10 W-5/8" 23.3 M | | |
| Shell | Light | Hard | 1966 | 1971 | | | |
| Slate | Light | Soft | 1971 | 2001 | Test 1994 35/10 W-5/8" 18.1 M | | |
| Shell | Light | Hard | 2001 | 2005 | Pulled 8-5/8" csg. at 1961' | | |
| Slate | Light | Soft | 2005 | 2008 | Gas 2014 40/10 W-5/8" 19.3 M | | |
| Lime | Light | Hard | 2008 | 2014 | | | |
| Shale | Brown | Soft | 2014 | 2079 | | | |
| Slate | Light | Soft | 2079 | 2205 | | | |
| Sl. & Shells | Dark | Med. | 2205 | 2220 | | | |
| Slate | Light | Soft | 2220 | 2484 | | | |
| | | | | | Test 2362 32/10 W-5/8" 17.3 M | | |
| | | | | | Gas-2397 35/10 W-5/8" 18.1 M | | |
| Br. Shale | Brown | Soft | 2484 | 2564 | | | |
| Sl. & Shells | Light | Soft | 2564 | 2628 | | | |
| Slate | Light | Soft | 2628 | 2651 | Test 2504 30/10 W-5/8" 16.7 M | | |
| Br. Shale | Brown | Soft | 2651 | 2696 | Gas 2553 50/10 W-5/8" 21.6 M | | |
| Slate | Light | Soft | 2696 | 2711 | Gas 2568 70/10 W-5/8" 25.6 M | | |
| Br. Shale | Brown | Soft | 2711 | 2825 | | | |
| Shells | Dark | Hard | 2825 | 2830 | Gas 2650 74/10 W-5/8" 26.3 M | | |
| Br. Shale | Brown | Soft | 2830 | 2979 | Gas 2658 60/10 W-1" 60.7 M | | |
| | | | | | Gas 2703 87/10 W-1" 73.1 M | | |
| | | | | | Gas 2768 50/10 W-1 1/2" 125 M | | |
| | | | | | Gas 2888 17/10 W-2" 129 M | | |
| | | | | | Gas 2913 47/10 W-2" 180 M | | |
| | | | | | Test 2965 33/10 W-2" 180 M | | |

02/09/2024

Date October 28, 19 53

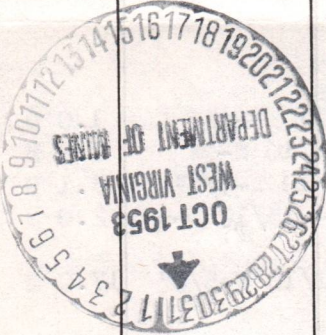
APPROVED OWENS, LIBBEY-OWENS GAS DEPT., Owner

By A. T. Fuchs, (Title) Geologist

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---------------|-------|--------------|------|--------|-----------------------------|-------------|---------|
| Surface | Grey | Soft | 0 | 21 | | | |
| Slate | Light | Med. | 21 | 31 | | | |
| Sand | Black | Soft | 31 | 94 | | | |
| Coal | Black | Soft | 94 | 97 | | | |
| Slate | Dark | Soft | 97 | 99 | | | |
| Coal | Black | Soft | 99 | 103 | | | |
| Slate | Dark | Soft | 103 | 153 | Water at 1 1/2 BPH | | |
| Slate | Black | Soft | 153 | 157 | | | |
| Sand | Dark | Hard | 157 | 164 | | | |
| Sand | White | Hard | 164 | 190 | | | |
| Slate | Dark | Soft | 190 | 197 | | | |
| Sand | Light | Med. | 197 | 224 | | | |
| Slate | Dark | Soft | 224 | 232 | | | |
| Sand | Light | Hard | 232 | 238 | | | |
| Slate | Light | Soft | 238 | 277 | | | |
| Sand | Dark | Med. | 277 | 292 | | | |
| Slate | Dark | Soft | 292 | 342 | | | |
| Sand | Grey | Med. | 342 | 354 | | | |
| Slate | Light | Soft | 354 | 389 | | | |
| Sand | Light | Med. | 389 | 395 | | | |
| Sand | Dark | Soft | 395 | 453 | | | |
| Broken Sand | Dark | Soft | 453 | 459 | | | |
| Sand | Light | Med. | 459 | 571 | | | |
| Slate | Dark | Soft | 571 | 616 | | | |
| Shell | Light | Hard | 616 | 628 | | | |
| Sand | White | Med. | 628 | 697 | | | |
| Sand | White | Hard | 697 | 709 | | | |
| Sand | Grey | Med. | 709 | 778 | | | |
| Settling Sand | White | Hard | 778 | 812 | Water hole filling, 758-797 | | |
| Sand | Light | Med. | 812 | 869 | Water hole filling, 758-797 | | |
| Sand | Light | Hard | 869 | 979 | Reduced to 8" hole at 805. | | |
| Sand | Light | Med. | 979 | 989 | | | |
| Sand | Light | Hard | 989 | 999 | | | |
| Slate | Dark | Soft | 999 | 1032 | | | |
| Slate | Dark | Soft | 1032 | 1035 | | | |
| Lime Shell | Light | Hard | 1035 | 1037 | | | |

Company OWENS, LIBBY-OWENS GAS COMPANY
 Address P. O. Box 4158, Charleston 4, W. Va.
 Farm F. E. Mathewson
 Acres 861
 Location (waters) Well No. 9 (Serial No. 884) Elev. 726.27
 District Grant County Wayne
 The surface of tract is owned in fee by
 Address Mrs. Emily F. Mathewson
 Mineral rights are owned by
 630 Bergen Ave., Jersey City, N. J.
 Drilling commenced 7-27-53
 Drilling completed 10-3-53
 Date Shot 10-7-53
 From 2349' To 3000'
 With 6200# Detonite
 Open Flow /10ths Water in Inch
 /10ths Merc. in M
 Volume Berea & shale 250; BL & BI 6; 256 Cu. Ft.
 Rock Pressure 380 lbs.
 hrs. 88
 Oil 113
 Fresh water 721
 Salt water 721
 feet
 feet
 feet
 feet
 24 hrs. bbls., 1st 24 hrs.

CASING CEMENTED SIZE No. Ft. Date
 Perf. top 1566.17"
 Perf. bottom 1275.10"
 Perf. top 197'
 Perf. bottom 1275.10"
 Kind of Packer O.W.S.
 Hookwall
 Size of 6-5/8" x 3 3/4" x 16
 Packed
 Depth set 1562 - 1566
 Casing and Tubing Used in Drilling Left in Well
 Packers



WELL RECORD

DEPARTMENT OF MINES
 OIL AND GAS DIVISION 14

STATE OF WEST VIRGINIA



Permit No. Way-885
 02/06/2024

Wayne

Oil or Gas Well GAS (KIND)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

(Cont.)

Permit No. Way-885

4202/60/20

Company OWENS, LIBBEY-OWENS GAS DEPT.

| | |
|-------------------|---|
| Address | |
| Farm | Acres |
| Location (waters) | Elev. |
| Well No. | County |
| District | The surface of tract is owned in fee by |
| Address | Mineral rights are owned by |
| Address | Drilling commenced |
| From | Drilling completed |
| To | Date Shot |
| | With |
| | Open Flow |
| Inch | /10ths Water in |
| Inch | /10ths Merc. in |
| Cu. Ft. | Volume |
| hrs. | Rock Pressure |
| lbs. | Oil |
| | Fresh water |
| feet | Salt water |

| Casing and Tubing Used in Drilling | Left in Well | Packers |
|------------------------------------|----------------|---------|
| Size | | |
| 16 | Kind of Packer | |
| 18 | Size of | |
| 10 | Depth set | |
| 5 3/16 | | |
| 3 | Perf. top | |
| 2 | Perf. bottom | |
| Liners Used | Perf. top | |
| | Perf. bottom | |

| CASING CEMENTED | SIZE | No. Ft. | Date |
|-------------------------|------|---------|--------|
| COAL WAS ENCOUNTERED AT | FEET | INCHES | INCHES |
| | FEET | INCHES | INCHES |
| | FEET | INCHES | INCHES |

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------|-------|-------------------|------|--------|-------------------|--|---|
| State | White | Soft | 2979 | 3000 | | 30/10 W-2" 172 M | Turned into line over week-end. |
| | | Total Depth | | 3000 | | Test before shot = 27/10 W-2" = 163 M | Test 15 min. after shot = 10/10 W-3" = 823 M. |
| | | After Shot, T. D. | | 2976 | | Test 1 hr. 32/10 W-3" = 399 M | Test 20 hr. 31/10 W-2" = 273M |
| | | | | | | Ran 3-1/2" tubing on HW packer at 1566'. | Final Open Flow: (27 hrs. after shot) 6 M |
| | | | | | | BL & B.I. | 250 M |
| | | | | | | Berea & Shale | 256 M |
| | | | | | | Total | |



(Over)

FERC-121

| | | | | |
|---|--|---------------------|---|----------------------------------|
| 1.0 API well number: (If not available, leave blank. 14 digits.) | 47-099-0885 | | | |
| 2.0 Type of determination being sought: (Use the codes found on the front of this form.) | 108 Section of NGPA | NA Category Code | | |
| 3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.) | NA feet | | | |
| 4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.) | Industrial Gas Corporation Name P. O. Box 1473 Street | | 009283 Seller Code | |
| | Charleston City | WV State | 25325 Zip Code | |
| 5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.) | NA Field Name Wayne County | | | |
| | | | WV State | |
| (b) For OCS wells: | NA Area Name | | NA Block Number | |
| | Date of Lease: Mo. Day Yr. | | NA OCS Lease Number | |
| (c) Name and identification number of this well: (35 letters and digits maximum.) | F. E. Mathewson 9-884 | | | |
| (d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.) | NA | | | |
| 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" Houdaille Industries, Inc. Name | | N/Available Buyer Code | |
| (b) Date of the contract: | 1 2 2 6 7 3 Mo. Day Yr. | | | |
| (c) Estimated annual production: | 3.9 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.) | 1 2 8 3 -.- | 0 0 5 1 -.- | 0 0 0 3 -.- | 1 3 3 6 -.- |
| 8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.) | 2.2 4 3 | 0.3 0 2 | 0.0 | 2.5 4 5 |
| 9.0 Person responsible for this application: | William C. Charlton Name Division Counsel Title | | | |
| Agency Use Only | <i>William C. Charlton</i> Signature | | | |
| Date Received by Juris. Agency | 02 / 28 / 79 Date Application is Completed | | | |
| Date Received by FERC | (304) 342-8166 Phone Number | | | |

FT7900806/2-2

02/09/2024

WELL DETERMINATION REPORT

ARTICIPANTS:

DATE: 06/10/13

BUYER-SELLER CODE

WELL OPERATOR: Industrial Gas Corporation

009283

FIRST PURCHASER: Houdaille Industries, Inc.

OTHER:

Quantities as Section 108, stringer well

Revised

W. Va. Department of Mines, Oil & Gas Division

WELL DETERMINATION FILE NUMBER

790228-108-099-0885

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? 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:} 7-27-53
~~data trace:~~ 10-3-53 (fill) Deepened _____
- (5) Production Depth: 1951'; 1651-193; 1288-1302; 1405
- (5) Production Formation: Berea; Shale; Big Lime; Big Injun
- (5) ~~Initial Potential:~~ ^{F.O.F.:} Ber. & Sha. - 250 mcf, BL & BI - 6 mcf, Total: 256
- (5) ~~Static R.P. Initially:~~ ^{after trace:} 380# 88 hrs.
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 10.3 mcf (3721/363)
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 10.3 mcf (898/87)
- (8) Line Pressure: 33 PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____
- (10-17) Does lease inventory indicate enhanced recovery being done: No 02/09/2024
- (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 Obtained to? _____ By Whom? JM DM

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

Date 02/28 1979

Operator's Well No. 9-884

API Well No. 47 - 099 - 0885
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 LOCATION: Elevation 726.27'

ADDRESS P. O. Box 1473
Charleston, WV 25325

Watershed Not Available

Dist. Grant County Wayne Quad. Wayne

GAS PURCHASER *

Gas Purchase Contract No. *

ADDRESS

Meter Chart Code R0323

Date of Contract *

*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.

02/09/2024

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 . 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 scripper 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. 9-884

API Well No. 47 - 099 - 0885
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 Phone Number
Code

(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

Director

Date received by
Jurisdictional Agency

By _____
Title _____

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

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|-----|-----|-----|--|--|--|--|--|--|--|
| <p>1.0 API well number: (If not available, leave blank. 14 digits.)</p> | <p><u>47- 099-0885</u></p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p> | <p><u>107</u> Section of NGPA</p> | | <p><u>NA</u> Category Code</p> | | | | | | | | | | | | | | | | | | | | | |
| <p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p> | <p><u>NA</u> feet</p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p> | <p><u>Tug Fork Corporation</u> Name</p> <p><u>P. O. Box 3711</u> Street</p> <p><u>Charleston</u> <u>WV</u> <u>25337</u> City State Zip Code</p> | | | <p><u>N/A</u> Seller Code</p> | | | | | | | | | | | | | | | | | | | | |
| <p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)</p> | <p><u>NA</u> Field Name</p> <p><u>Wayne</u> <u>WV</u> County State</p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(b) For OCS wells:</p> | <p><u>NA</u> <u>NA</u> Area Name Block Number</p> <p style="text-align: center;">Date of Lease: <table style="margin: auto; border: none;"> <tr> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> <td style="border: none;"> </td> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="7" style="border: none;"></td> </tr> </table> </p> <p style="text-align: right;"><u>NA</u> OCS Lease Number</p> | | | | | | | | | | | | | | Mo. | Day | Yr. | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| Mo. | Day | Yr. | | | | | | | | | | | | | | | | | | | | | | |
| <p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p> | <p><u>F.E. Mathewson</u> <u>9-884</u></p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p> | <p><u>NA</u></p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p> | <p><u>Tennessee Gas Pipeline Company</u> Name</p> | | | <p><u>018629</u> Buyer Code</p> | | | | | | | | | | | | | | | | | | | | |
| <p>(b) Date of the contract:</p> | <p><u>0, 8, 1, 7, 8, 0</u> Mo. Day Yr.</p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>(c) Estimated annual production:</p> | <p><u>3.9</u> MMcf.</p> | | | | | | | | | | | | | | | | | | | | | | | |
| <p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p> | <p>(a) Base Price (\$/MMBTU)</p> <p><u>2.404</u></p> | <p>(b) Tax</p> <p><u>-.324</u></p> | <p>(c) All Other Prices [Indicate (+) or (-).]</p> <p><u>0.0</u></p> | <p>(d) Total of (a), (b) and (c)</p> <p><u>2.728</u></p> | | | | | | | | | | | | | | | | | | | | |
| <p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p> | <p><u>2.404</u></p> | <p><u>-.324</u></p> | <p><u>0.0</u></p> | <p><u>2.728</u></p> | | | | | | | | | | | | | | | | | | | | |
| <p>9.0 Person responsible for this application:</p> | <p><u>Lawrence B. Mentzer</u> <u>Corporate Attorney</u> Name Title</p> <p style="text-align: center;"><i>(Signature)</i></p> <p style="text-align: center;"><u>FOR 1 1980</u> Date Application is Completed</p> <p style="text-align: right;"><u>(304) 342-8166</u> Phone Number</p> | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; padding: 2px;">Agency Use Only</td> </tr> <tr> <td style="padding: 2px;">Date Received by Juris. Agency</td> </tr> <tr> <td style="padding: 2px;">Date Received by FERC</td> </tr> </table> | Agency Use Only | Date Received by Juris. Agency | Date Received by FERC | | | | | | | | | | | | | | | | | | | | | |
| Agency Use Only | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Received by Juris. Agency | | | | | | | | | | | | | | | | | | | | | | | | |
| Date Received by FERC | | | | | | | | | | | | | | | | | | | | | | | | |

02/09/2024

Aug. 12, 1980

Tug Fork Corp.
Tennessee Gas Pipeline Co.

NA
D18629

Department of Mines, Oil & Gas Division
FILE IDENTIFICATION FILE NUMBER
0331-107-099-0885
Above File Number on all Communications
Relating to Determination of this Well

Check each item as complete or note what 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 Test: Gas Only _____ Gas Oil Produced? _____ Ratio _____
- 2V-35 Annual Production No Prod.
- 2V-40 30 day Production _____ Days off line: _____
- 2V-45 Application for certification.
- 2V-46 - 47 - 48 - 49 - 50 - 51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 _____
- 2V-50 Survey _____
- Structure Map _____
- Gas Analyses _____

- 1) Date completed: 7/27/53 Date completed 10/7/53 _____
- 2) Production depths: 2830/2979; 2711/2825; 2696/2711;
- 3) Production Formations: Br. shale; _____; slate;
- 4) Final Gas Flow: 256 mcf/d
- 5) Meter Test: 380*
- 6) Color Gas Tests: _____
- 7) Avg. Daily Gas from Annual Production: No Prod
- 8) Avg. Daily Gas from 30-day ending w/1 - 30 days: " " 02/09/2024
- 9) Line Pressure: None
- 10) Oil Production: No From Completion Report _____
- 11) Does lease stipulation indicate enhanced recovery being done: No
- 12) Is there _____

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

Date MAR 2 1980 1980

Operator's Well No. 9-884

API Well No. 47 - 099 - 0885
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

LOCATION: Elevation 726.27

Watershed N/A

Dist. Grant County Wayne Quad. Wayne

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

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]

02/09/2024

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 - MINES
DIVISION - OIL AND GAS

ANNUAL REPORT OF MONTHLY PRODUCTION-197A
GAS VOLUMES IN MFC @ 14.73
OIL IN DARRELLS @ 60 DEGREES
FLO, 18
OPERATOR : Industrial Gas Corporation

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

| API | FARM | F. E. Mathewson | 9-884 | COUNTY: Wayne | AVG. FLOW PRESSURE | NA | SHUT-IN PRESSURE | NA | TOTALS | | | | | | |
|------|------|-----------------|-------|---------------|--------------------|-----|------------------|-----|--------|-----|-----|-----|-----|-----|------|
| | | 388 | 684 | 298 | 269 | 319 | 207 | 108 | 412 | 247 | 263 | 405 | 380 | 0A5 | 3980 |
| 1977 | | J- | F- | M- | A- | M- | J- | J- | A- | S- | 0- | H- | D- | OIL | |
| | | 30 | 34 | 27 | 32 | 31 | 28 | 28 | 37 | 29 | 28 | 32 | 29 | | 365 |

| | | | | | AVG. FLOW PRESSURE | 33 | SHUT-IN PRESSURE | NA | TOTALS | | | | | | |
|--|--|-----|-----|-----|--------------------|-----|------------------|-----|--------|-----|-----|-----|-----|-----|------|
| | | 422 | 129 | 250 | 420 | 399 | 317 | 269 | 362 | 255 | 322 | 322 | 254 | 0A5 | 3721 |
| | | J- | F- | M- | A- | M- | J- | J- | A- | S- | 0- | H- | D- | OIL | |
| | | 38 | 25 | 29 | 33 | 29 | 29 | 30 | 32 | 31 | 32 | 28 | 27 | | 363 |

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

47-099-0885; 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

