



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.

Marian Burgess Leach, et al

COAL OPERATOR OR COAL OWNER

309 Lock Lane, Richmond, Virginia

ADDRESS

Same

COAL OPERATOR OR COAL OWNER

ADDRESS

Same

OWNER OF MINERAL RIGHTS

ADDRESS

OWENS, LIBBEY-OWENS GAS DEPARTMENT

NAME OF WELL OPERATOR

P. O. Box 4168, Charleston 4, W. Va.

COMPLETE ADDRESS

January 28, 19 60

PROPOSED LOCATION

Lincoln District

Wayne County

Well No. 2 (Serial No. 1089) 82025 E. 841.02

Marian Burgess Leach, et al Farm

282 acres

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 January 2, 1959, made by Marian Burgess Leach, et al, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co. and recorded on the 23rd day of May, 1959, in the office of the County Clerk for said County in Book 50, page 195.

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 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 4168

STREET

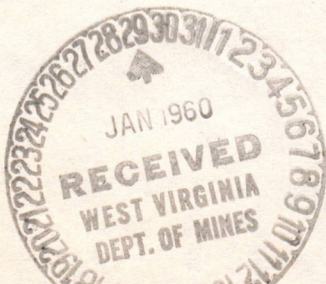
Charleston 4,

CITY OR TOWN

West Virginia

STATE

08/25/2023



Address of Well Operator }

*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.

WAY-1260

1260

PERMIT NUMBER



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

Merriman Burgess Jacob, et al

WELL OPERATOR

COAL OPERATOR OR COAL OWNER

P. O. Box #100, Charleston, W. Va.

300 Rock Lane, Richmond, Virginia

COMPLETE ADDRESS

ADDRESS

19 00

January 23, 1959

DATE

PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

District

Lincoln

ADDRESS

County

Wayne

NAME

OWNER OF MINERAL RIGHTS

Well No. 2 (Serial No. 108) 22-25-50-100

Merriman Burgess Jacob, et al

ADDRESS

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas having the title thereto (or as the law may be) under grant or lease dated January 2, 1959.

Merriman Burgess Jacob, et al

Owens-Libbey-Owens-Love Class Co., and recorded on the 23rd day of May, 1959.

in the office of the County Clerk for said County in Book 50 page 195

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 delineated 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 boundary of the same, who have stopped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) whose names are addressed.

The above named coal operator 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 8 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 or further notified that for the purpose of this notice objections will be treated to them by the Department of Mines primarily 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 omitted 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.

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 #100

STREET

Charleston

Address

of

Well Operator

CITY OR TOWN

West Virginia

STATE

08/25/2023

Section 8 of said Code and 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 issue to the well operator a drilling permit setting the time of such plat to objections have been made by the coal operators to 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.

AY-100

PERMIT NUMBER

A-10

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



January 28, 1960

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

Gentlemen:

We are submitting an application for a permit to drill well No. 2 (Serial No. 1089) on our Marian Burgess Leach tract situated in Lincoln District, Wayne County, West Virginia. Attached to the application is a plat showing the proposed location of said well.

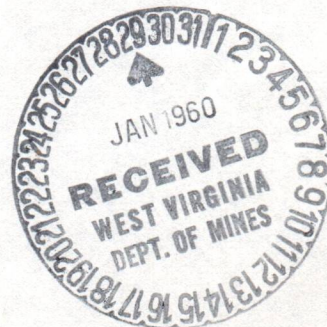
Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

By T. S. Flournoy
T. S. Flournoy, Chief Engineer

TSF/ed
Enclosures

cc: Mrs. Marian B. Leach
309 Lock Lane
Richmond, Virginia



08/25/2023

OWENS LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORMICK AVENUE

P. O. BOX 1111

CHARLESTON 4, WEST VIRGINIA



January 28, 1950

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

Compliment:

We are submitting an application for a permit to
drill well No. 2 (Serial No. 108) on our land in
Jacob tract situated in Lincoln District, Wayne County,
West Virginia. Attached to this application is a plat
showing the proposed location of said well.

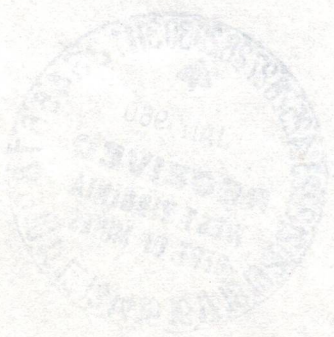
Yours very truly,

OWENS LIBBEY-OWENS GAS DEPARTMENT

[Signature]
T. S. Johnson, Chief Engineer

TSP/ed
Enclosure

cc: Mrs. Marian B. Jess
309 Lock Lane
Richmond, Virginia



A-11
February 8, 1960

Owens, Libby-Owens Gas Department
P. O. Box 4168
Charleston 4, West Virginia

Att: Mr. A. H. Smith

Dear Sirs:

Enclosed are permits for drilling the following wells -

<u>Permit No.</u>	<u>Well No.</u>	<u>Farm</u>	<u>District</u>
WAY-1259	14-S-1097	F. E. Mathewson	Grant
WAY-1260	2-S-1089	Marion Burgess Leach et al	Lincoln

Very truly yours,


Crawford L. Wilson
Director
DEPARTMENT OF MINES

Assistant Director
OIL AND GAS DIVISION

ML/m
enclosures
cc Mr. James W. Pack, Inspector

Mr. R. C. Tucker, Assistant
State Geologist

08/25/2023

A-12


CABOT OIL AND GAS CORPORATION

099-1260

1400 CHARLESTON NATIONAL PLAZA
POST OFFICE BOX 628
CHARLESTON, W. VA. 25322
TELEPHONE 344-8355

April 23, 1981

RECEIVED
APR 24 1981

Mr. Thomas E. Huzzey, Administrator
Office of Oil & Gas
State Department of Mines
1613 Washington Street, East
Charleston, WV 25311

OIL & GAS DIVISION
DEPT. OF MINES

Dear Mr. Huzzey:

Review of our records reveals that the two wells listed below have been plugged back to produce from the Injun Sandstone and no longer produce from Devonian Shale:

<u>Well Name & Number</u>	<u>API #</u>	<u>SJA #</u>
Marion Burgess #2-1089	47-099-1260	8003311070991260
Koonce-Zimmerman #5-719	47-099-0407	8003311070990407

We, therefore, request withdrawal of the NGPA Section 107 filings for these wells which were submitted by Tug Fork Corporation on March 3, 1980.

Very truly yours,

Fred H. Shelton

Fred H. Shelton

FHS/lsi

cc: Federal Energy Regulatory Commission
825 North Capitol Street, N.E.
Washington, D.C. 20426

Tennessee Gas Pipeline Company
P. O. Box 2511
Houston, TX 77001

08/25/2023

Formation	Color	Hard or Soft	Top 12	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	White	Med.	1007	1028			
Slate	Black	Soft	1028	1049			
Slate	Blue	Soft	1049	1100			
Slate	Black	Soft	1100	1125			
Little Lime	Black	Hard	1125	1130			
Little Lime	White	Hard	1130	1151			
Pencil Cave	Black	Soft	1151	1153			
Big Lime	White	Hard	1153	1327			
					4-13-60		
					Installed 7" csg. at 1170' on shoe		
					SIM 1210 = Sand IM 1210		
Keener Sand	Grey	Hard	1327	1364	Gas 1328-1333		3.1 MCF 693 cu.ft
					Test 1350		
Grey Injun	Grey	Med.	1364	1435			
Sl & Shls	Grey	Med.	1435	1450	Gas 1405-1420		60.7 MCF
Slate	Blue	Soft	1450	1475			
Pkr. Shells	Grey	Med.	1475	1535			
Slate	Blue	Soft	1535	1560			
Slate	Grey	Soft	1560	1590			
Lime Shells	Black	Hard	1590	1610	Test 1590-1600		24.7 MCF
Slate	White	Med.	1610	1660			
Lime Shells	Black	Hard	1660	1670	Gas 1660-1670		38.3 MCF
Slate	White	Med.	1670	1682			
Slate	White	Soft	1682	1850			
Slate	White	Med.	1850	1855			
Pkr. Shells	Black	Hard	1855	1885			
Slate	White	Med.	1885	1902	Test		30.3 MCF
Slate	White	Soft	1902	1922			
Br. Shale	Brown	Soft	1922	1939			
Berea	White	Hard	1939	2023	Gas 1970-1980		35 MCF
Slate	White	Soft	2023	2035			
Br. Shale	Brown	Soft	2035	2125	SIM 2120 = Sand IM 2120		
Lime Shells	Black	Med.	2125	2155			
Slate	Black	Soft	2155	2163			
Slate	White	Soft	2163	2322			
Br. Shale	Brown	Soft	2322	2820	Test 2332		28.2 MCF
					Gas 2565		33.2 MCF
					Test 2841		31.3 MCF
Slate	White	Soft	2820	2841			
					5-10-60		
					Shot with 5050# Trojan Powder from		
					2310 to 2834 (12:10 P.M.)		
					Test Before Shot:		29.3 MCF
					" 15 Min. After Shot:		564 MCF
					" 21 Hrs. After Shot:		67.4 MCF
					5-11-60		
					Shot Weir Shells with 950# Trojan Pow		
					der from 1579 to 1680 (11:55 A.M.)		
					Bridge set at 1680		
					Test before shot:		63.6 MCF
					" 15 Min. After Shot:		109 MCF
					" 1 Hr. After Shot:		79 MCF
					5-11-60		
					Shot Big Injun with 400# Trojan Powde		
					from 1390 to 1432 (2:00 P.M.)		
					Test Before Shot:		71 MCF
					" 15 Min. After Shot:		310 MCF
					" 16 Hrs. After Shot:		122 MCF
					5-12-60		
					Installed 3 1/2" tbg. at 1315' with		
					"Oilwell" Hookwall Pkr.		
					Final Open Flow		
					B. I., Weir, Br. Shale		114 MCF
					5-12-60		
					Shut-in in 3 1/2" tbg. 26-3/4 Hrs. after		
					3rd. shot.		

Total Depth 2841

Shot with 5050# Trojan Powder from 2310 to 2834 (12:10 P.M.)
 Test Before Shot: 29.3 MCF
 " 15 Min. After Shot: 564 MCF
 " 21 Hrs. After Shot: 67.4 MCF

5-11-60
 Shot Weir Shells with 950# Trojan Powder from 1579 to 1680 (11:55 A.M.)
 Bridge set at 1680
 Test before shot: 63.6 MCF
 " 15 Min. After Shot: 109 MCF
 " 1 Hr. After Shot: 79 MCF

5-11-60
 Shot Big Injun with 400# Trojan Powder from 1390 to 1432 (2:00 P.M.)
 Test Before Shot: 71 MCF
 " 15 Min. After Shot: 310 MCF
 " 16 Hrs. After Shot: 122 MCF

5-12-60
 Installed 3 1/2" tbg. at 1315' with "Oilwell" Hookwall Pkr.
 Final Open Flow
 B. I., Weir, Br. Shale 114 MCF

5-12-60
 Shut-in in 3 1/2" tbg. 26-3/4 Hrs. after 3rd. shot.

08/25/2023

Date May 19, 1960

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By *E. H. Smith*
 A. H. Smith (Title) Land, Engrg. & Geo



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 12

Quadrangle Wayne

Permit No. Way-1260

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm Marian Burgess "C" Acres 282
Location (waters) _____
Well No. 2 (Serial No. 1089) Elev. 841.02
District Lincoln County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by Marian Burgess Leach
309 Lock Lane Address Richmond, Va.
Drilling commenced 3-28-60
Drilling completed 5-7-60
Date Shot 5-10-60 From 2310 To 2834
5-11-60 From 1570 To 1680
5-11-60 From 1390 To 1432
With 5050# Trojan Powder; 950# Trojan Powder &
Open Flow /10ths Water in 400# Trojan Powder Inch
/10ths Merc. in _____ Inch
Volume B.I., Weir, Br. Shale 114 M Cu. Ft.
Rock Pressure 365 lbs. 73 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 120'; 760'; feet 885' feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			"Oilwell" Hookwall
13			Size of
10			6-5/8 x 3-1/2 x 1
8 1/2 5/8	307'8"	307'8"	Depth set
6 3/4 7	1170'3"	1170'3"	1311 - 1315
5 3/16			Perf. top
3 1/2	-----	1315'3"	Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

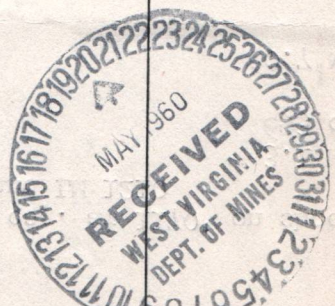
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 140 FEET 36 INCHES

266 FEET 48 INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Yellow	Soft	0	5			
Sand	Blue	Med.	5	25			
Slate	Grey	Soft	25	50			
Slate	White	Soft	50	90			
Slate	Blue	Soft	90	100			
Slate	White	Soft	100	110			
Sand	White	Med.	110	140	Water at 120', 1/4 BPH		
Coal	Black	Soft	140	143			
Slate	White	Soft	143	155			
Sand	White	Soft	155	195			
Sand	White	Med.	195	215			
Slate	Blue	Soft	215	250			
Sl & Shls	White	Med.	250	266			
Coal	Black	Soft	266	270			
Sand	White	Med.	270	304			
Slate	White	Soft	304	307	3-31-60 Installed 8-5/8" csg. at 307' on shoe		
Sand	White	Med.	307	391			
Slate	White	Soft	391	437			
Slate	Black	Soft	437	455			
Sand	White	Med.	455	464			
Slate	Black	Soft	464	477			
Sand	White	Med.	477	496			
Slate	Blue	Soft	496	498			
Sand	White	Med.	498	568			
Slate	White	Soft	568	628			
Sand	White	Soft	628	698			
Sand	White	Med.	698	727			
Slate	Blue	Soft	727	729			
Sand	White	Med.	729	816	Water at 760', 1 BPH		
Slate	Black	Soft	816	850			
Sand	White	Med.	850	894	Water - "Hole full" at 885'		
Slate	Black	Soft	894	914			
Sand	White	Med.	914	1002			
Slate	Black	Soft	1002	1007			



08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

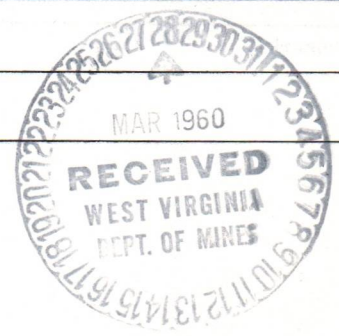
Permit No. WAY-1260

Oil or Gas Well 2-S-1089
(KIND)

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Owens Libby Owens Gas Dept.</u>				
Address	<u>P.O. Box 4168 Charleston 4, W. Va.</u>	Size			
Farm	<u>Marion Burgess Leach, et al</u>	16			Kind of Packer
Well No.	<u>2-S-1089</u>	13			
District	<u>Lincoln</u> County <u>Wayne</u>	10			Size of
Drilling commenced		8 1/4			
Drilling completed	Total depth	6 5/8			Depth set
Date shot	Depth of shot	5 3/16			
Initial open flow	/10ths Water in Inch	3			Perf. top
Open flow after tubing	/10ths Merc. in Inch	2			Perf. bottom
Volume	Cu. Ft.	Liners Used			Perf. top
Rock pressure	lbs. hrs.				Perf. bottom
Oil	bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water	feet feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water	feet feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
		_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: Moved machine in and rigging up.
E. J. Elkins, Drilling Contractor



J.W. Pack
DISTRICT WELL INSPECTOR

3-21-60

DATE

08/25/2023

FERC-121

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p><u>47-099-1260</u></p>															
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p><u>108</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>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</p>			<p><u>009283</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 <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> </tr> <tr> <td style="border: none;">Mo.</td> <td style="border: none;">Day</td> <td style="border: none;">Yr.</td> <td colspan="3" style="border: none;">OCS Lease Number</td> </tr> </table> </p>									Mo.	Day	Yr.	OCS Lease Number			
Mo.	Day	Yr.	OCS Lease Number													
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>Marion Burgess "C" 2-1089</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>See Addendum "A"</u> <u>Houdaille Industries, Inc.</u> Name</p>			<p><u>N/Available</u> Buyer Code</p>												
<p>(b) Date of the contract:</p>	<p><u>1, 2, 2, 6, 7, 3</u> Mo. Day Yr.</p>															
<p>(c) Estimated annual production:</p>	<p><u>6.0</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>1 2 8 3</u></p>	<p>(b) Tax</p> <p><u>0 0 5 1</u></p>	<p>(c) All Other Prices [Indicate (+) or (-).]</p> <p><u>0 0 0 3</u></p>	<p>(d) Total of (a), (b) and (c)</p> <p><u>1 3 3 6</u></p>												
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>	<p><u>2 . 2 4 3</u></p>	<p><u>0 . 3 0 2</u></p>	<p><u>0 . 0</u></p>	<p><u>2 . 5 4 5</u></p>												
<p>9.0 Person responsible for this application:</p>	<p><u>William C. Charlton</u> <u>Division Counsel</u> Name Title</p> <p><i>William C Charlton</i> Signature</p> <p><u>02 / 28 / 79</u> <u>(304) 342-8166</u> Date Application is Completed Phone Number</p>															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%; text-align: center;"> <p>Agency Use Only</p> </td> <td></td> </tr> <tr> <td style="text-align: center;"> <p>Date Received by Juris. Agency</p> <p><u>FEB 28 1979</u></p> </td> <td></td> </tr> <tr> <td style="text-align: center;"> <p>Date Received by FERC</p> </td> <td></td> </tr> </table>					<p>Agency Use Only</p>		<p>Date Received by Juris. Agency</p> <p><u>FEB 28 1979</u></p>		<p>Date Received by FERC</p>							
<p>Agency Use Only</p>																
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<p>Date Received by FERC</p>																

FT7-00806/2-2

08/25/2023

WELL DETERMINATION REPORT

JUL 18 1979

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR: Industrial Gas Corporation

009283

FIRST PURCHASER: Houdaille Industries, Inc.

OTHER:

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

WELL DETERMINATION FILE NUMBER

790228 - 108 - 099 - 1260

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

Specific as Section 10B, trigger well. No #1 added

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 86 Days off Line: _____
- 9 IV-48- Application for Certification. Complete?
- 10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - (56) - 57 - 58. Complete Signed Affidavit
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____

1:4000 Map _____ Well Tabulations _____ Gas Analyses _____

- (5) Date Completed: Commenced: 3-28-60
5-7-60 (drill) Deepened _____
- (5) Production Depth: Traced: 2525
1328-33; 1405-1470; 1460-1670; 1470-1980
- (5) Production Formation: Br. shale
Keener; Grey Tuff; Lime shells; Berea;
- (5) Final Open Flow
Initial Potential: 114 mcf.
- (5) After Frac:
Static R.P. Initially: 365#
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 14.04 5124/365
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 9.32 MCF 367+201+224
85
- (8) Line Pressure: 39# PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____

(10-17) Does lease inventory indicate enhanced recovery being done: NO 08/25/2023

(10-17) Is affidavit signed? Notarized?

Does official well record with the Department confirm the submitted information? YES

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____

JM. AND FRB

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

Date 02/28, 19 79
Operator's Well No. 2-1089
API Well No. 47 - 099 - 1260
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 841.02
ADDRESS P. O. Box 1473 Watershed Not Available
Charleston, WV 25325 Dist. Lincoln County Wayne Quad. Wayne
GAS PURCHASER * Gas Purchase Contract No. *
ADDRESS Meter Chart Code R0437
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.

08/25/2023

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, 19 79.

My term of office expires on the 5th day of December, 19 85.

08/25/2023



Notary Public

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

Date February 28, 1979

Operator's Well No. 2-1089

API Well No. 47 - 099 - 1260
State County Permit

STATE APPLICATION FOR WELL CLASSIFICATION

Previous File No. NA
(If Applicable)

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 R0437

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

William C. Charlton
Signature

Director

FEB 28 1979

By _____ Title _____ **08/25/2023**

Date received by Jurisdictional Agency _____

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 BARRELS @ 60 DEGREES
Industrial Gas Corporation

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

API	47-099-01260	FARM	Burgess "C"	2-1089	COUNTY	Wayne	AVG. FLOW PRESSURE	31	SHUT-IN PRESSURE	NA	TOTALS
GAS MFC	395	444	282	333	283	168	65	408	268	794	4315
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	0-	H-	0A5
DAYS ONLINE	31	33	27	30	32	29	27	37	29	32	576
											OIL
											28
											364

1977

API	47-099-01260	FARM	Burgess "C"	2-1089	COUNTY	Wayne	AVG. FLOW PRESSURE	39	SHUT-IN PRESSURE	NA	TOTALS
GAS MFC	1008	702	428	458	488	444	368	278	158	201	5124
OIL BBL	J-	F-	M-	A-	M-	J-	J-	A-	0-	H-	0A5
DAYS ONLINE	35	28	28	30	33	30	32	28	35	27	224
											OIL
											29
											365

1978

229/86
27
30

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.

08/25/2023

API NUMBERS 47-099-1218; 47-099-1260; 47-099-1292; 47-099-1355; 47-099-1569; 47-099-1587

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:

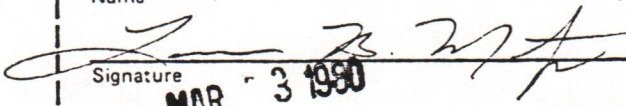
<u>Section of NGPA</u>	<u>Category Code</u>	<u>Description</u>
102	1	New OCS Lease
102	2	New onshore well (2.5 mile test)
102	3	New onshore well (1,000 feet deeper test)
102	4	New onshore reservoir
102	5	New reservoir on old OCS Lease
103	-	New onshore production well
107	-	High cost natural gas
108	-	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- 099-1260</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> Area Name</p>		<p><u>NA</u> Block Number</p>													
<p>Date of Lease:</p> <table style="margin: auto;"> <tr> <td style="border: 1px solid black; width: 20px; height: 15px;"></td> <td style="border: 1px solid black; width: 20px; height: 15px;"></td> <td style="border: 1px solid black; width: 20px; height: 15px;"></td> <td style="border: 1px solid black; width: 20px; height: 15px;"></td> <td style="border: 1px solid black; width: 20px; height: 15px;"></td> <td style="border: 1px solid black; width: 20px; height: 15px;"></td> </tr> <tr> <td style="font-size: 8px;">Mo.</td> <td style="font-size: 8px;">Day</td> <td style="font-size: 8px;">Yr.</td> <td colspan="3" style="text-align: center;"><u>NA</u></td> </tr> </table> <p style="text-align: right; margin-right: 100px;">OCS Lease Number</p>											Mo.	Day	Yr.	<u>NA</u>		
Mo.	Day	Yr.	<u>NA</u>													
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>Marian Burgess</u> <u>2-1089</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</u> <u>8</u> <u>1</u> <u>7</u> <u>8</u> <u>0</u> Mo. Day Yr.</p>															
<p>(c) Estimated annual production:</p>	<p><u>6.0</u> MMcf.</p>															
<p>7.0 Contract price: (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>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;"></p> <p style="text-align: center;">Signature MAR 3 1980</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="font-size: 8px;">Agency Use Only</td> </tr> <tr> <td style="font-size: 8px;">Date Received by Juris. Agency</td> </tr> <tr> <td style="font-size: 8px;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency	Date Received by FERC	<p>Date Application is Completed</p>												
Agency Use Only																
Date Received by Juris. Agency																
Date Received by FERC																

08/25/2023

DATE: AUG 12 1980

STATE: MISSISSIPPI

WELL NO.:

OPERATOR: Tug Fork Corp.

STATUS: NA

LESSOR: Tennessee Gas Pipeline Co.

WELL ID: D18629

REMARKS:

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

00331-107-099-1260

Above file number on all communications
relating to determination of this well

Plugged

PLEASE PRINT IF EACH ITEM IS COMPLETE OR WRITE "NOT" IF MISSING

20-121 Item not completed - Date No. _____

20-1 Agent Lawrence B. Mentzer

20-2 Well Permit _____

20-3 Well Plat

20-25 Well Record Drilling Seeping _____

20-34 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____

20-35 Annual Production No Prod.

20-40 90 day Production _____ Days off line: _____

20-45 Application for certification:

20-46 41 - 42 - 43 - 44 - 45 - 46 - 47 - 48 _____

20-49 Survey _____ Logs _____ Test Reports _____

Structure Map _____ Section Map _____ Well Locations _____
Gas Analyses _____

3) Date completed: 3/28/60 Date acquired 5/11/60

4) Production depths: 2322/2820; 2035/2125; 1939/2023; 1660/70

5) Production formation: Br. shale; —; Berea; Lime Shells

6) Final Open Flow: 114 mcf/d

7) Meter Test: S.F. 365 #

8) Color Gas Test: _____

9) Avg. Daily Gas from Annual Production: No Prod

10) Avg. Daily Gas from 90-day ending w/1 - 100 days: " " 08/25/2023

11) Line Pressures: None PSIG from Daily Report

12) Oil Production: No from Completion Report

13) Does lease agreement indicate enhanced recovery being done: No

14) Is well being plugged?

Official well record with the Department confirm the submitted information? YES DI

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

Date MAR 23 1987, 1987

Operator's Well No. 2-1089
API Well No. 47 - 099 - 1260
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 841.02

Watershed N/A

Dist. Lincoln County Wayne Quad. Wayne

WELL OPERATOR Tug Fork Corporation

ADDRESS P. O. Box 3711

Charleston, W. Va. 25337

GAS PURCHASER Tennessee Gas Pipeline Company Gas Purchase Contract No. TF-1

ADDRESS P. O. Box 2511

Houston, Texas 77001

Meter Chart Code R0437

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]

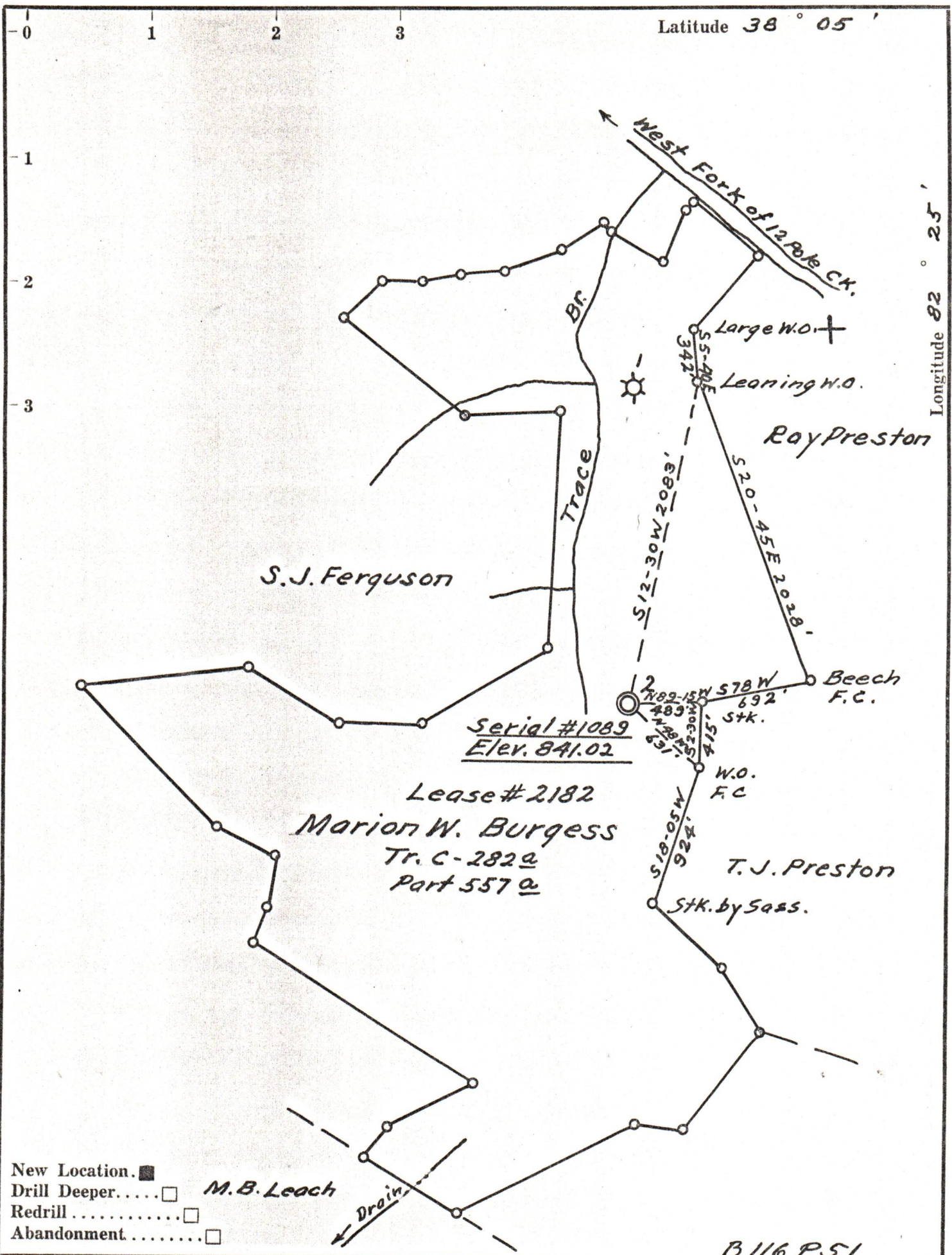
08/25/2023

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.

08/25/2023



Company Owens, Libbey-Owens Gas Dept.
 Address Box 4168 Charleston 4 W. Va.
 Farm Marion W. Burgess
 Part 557
 Tract C Acres 282 Lease No. 2182
 Well (Farm) No. 2 Serial No. 1089
 Elevation (Spirit Level) 841.02
 Quadrangle Wayne
 County Wayne District Lincoln
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Jan. 28, 1960 Scale 1" = 800 Ft.

B116 P51

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

WELL LOCATION MAP
 FILE NO. WAY-1260

08/25/2023

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.