



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.

State of West Virginia  
COAL OPERATOR OR COAL OWNER  
State Conservation Commission  
Charleston - 5 - West Virginia  
ADDRESS

Owens, Libbey-Owens Gas Department  
NAME OF WELL OPERATOR  
P. O. Box 4158  
Charleston - 4 - W. Va.  
COMPLETE ADDRESS

March 12, 19 48

COAL OPERATOR OR COAL OWNER  
ADDRESS

PROPOSED LOCATION  
Lincoln District  
Wayne County

OWNER OF MINERAL RIGHTS  
ADDRESS

Well No. 771 - 47  
Wilson Coal Land Company 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 December 17, 1936, made by H. Rummel Anderson & Thomas B. Jackson - Special Commissioners, to Owens-Illinois Glass Co. & Libbey-Owens Ford Glass Co., and recorded on the 23rd day of December 1936, in the office of the County Clerk for said County in Book 188, page L-33.

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 DEPT.  
WELL OPERATOR  
P. O. Box 4158  
STREET  
Charleston - 4 -  
CITY OR TOWN  
West Virginia  
STATE

11/17/2023



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.



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Gray	Soft	1164	1179			
Slate	Dark	Soft	1179	1305			
Sand	Light	Soft	1305	1340			
Slate	Dark	Soft	1340	1362	Gas	1417	
Sand	Gray	Soft	1363	1383	Test		13 M
Slate	Dark	Soft	1383	1393			
Salt Sand	Light	Hard	1393	1550	Water	1443	Hole filling
Lime Shells	Dark	Hard	1550	1604			
Slate	Dark	Soft	1604	1608			
Sand	Dark	Hard	1608	1644			
Slate	Dark	Soft	1644	1649			
Sand	Dark	Hard	1649	1696			
Sand	Light	Hard	1696	1744			
Red Rock	Red	Soft	1744	1758			
Slate	Gray	Med.	1758	1788			
Little Lime	Dark	Hard	1788	1818			
Big Lime	White	Hard	1818	2025			
Injun Sand	Red	Med.	2025	2084			
Injun Sand	Gray	Med.	2084	2240			
Slate	Gray	Med.	2240	2382			
Slate & Shell	Gray	Med.	2382	2567	Gas	1950	5 M
Shale	Brown	Soft	2567	2591	Test	1957	Same
Berea Sand	Gray	Hard	2591	2622	Gas	1964	331 M
Shell	Gray	Hard	2622	2641			
Slate & Shells	Gray	Hard	2641	2678			
Shale	Dark	Med.	2678	2703			
Shell	Dark	Hard	2703	2713			
Shale Shell	Brown	Med.	2713	2755			
Slate & Shell	Gray	Med.	2755	2791	Test, tubed		208 M
Shell	Dark	Hard	2791	2801			
Slate & Shell	Dark	Med.	2801	2809			
Shell	Dark	Hard	2809	2816			
Slate & Shell	Light	Med.	2816	2826			
Slate	Light	Soft	2826	2859			
Slate & Shell	Light	Med.	2859	3019			
Slate	Light	Soft	3019	3085			
Shale	Dark	Med.	3085	3115			
Shale	Brown	Med.	3115	3207			
Shale	Light	Soft	3207	3215			
Shale	Brown	Soft	3215	3557			
Shale Shell	Brown	Med.	3557	3572			
Shale	Brown	Soft	3572	3580			
Slate	White	Soft	3580	3635			
Total Depth				3635			
					Acid 6-28-48 1000 gal. 15% sol. acid		
					Oil, show	2064	
					Oil, show	2624	
					Open Flow:	160 M Lime 43 M Shale 203 M	

11/17/2023

Way 560

Date August 13, 1948

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. McClain  
A. H. McClain (Title) Geologist





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Wayne*

WELL RECORD

Permit No. Wayne 560

Oil or Gas Well Gas  
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4158, Charleston, W. Va.  
Farm Wilson Coal Land Co. Acres 9937  
Location (waters) Left Fork of Sweet Water Branch  
Well No. OLO No. 771 - Wilson C.L. Elev. 1256.2  
District Lincoln County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>Not tubed</u>
13			Size of _____
10			Depth set _____
<del>8</del> <u>5/8</u>	<u>597</u>		Perf. top _____
<del>6</del> <u>7</u>	<u>1870</u>		Perf. bottom _____
5 3/16			Perf. top _____
3 1/2	<u>1964</u>	<u>0</u>	Perf. bottom _____
<del>2</del> <u>3 1/2</u>	<u>24</u>	<u>0</u>	Perf. top _____
Liners Used			Perf. bottom _____

Coal \_\_\_\_\_  
Mineral rights are owned by State Conservation Comm.  
Address Charleston 5, W. Va.

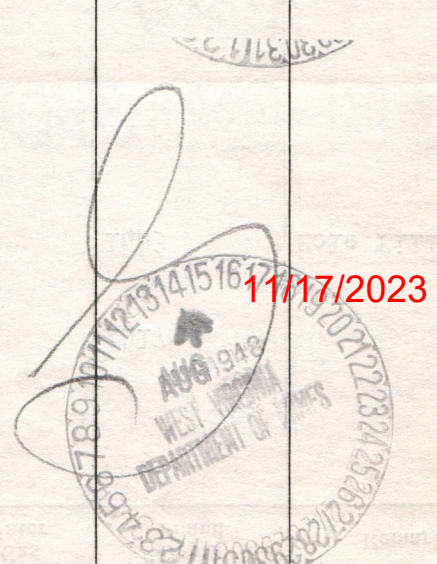
Drilling commenced 5-24-48  
Drilling completed 8-4-48  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_

Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume 203 M Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	Yellow	Soft	0	20			
Red Clay	Red	Soft	20	45			
Slate			45	52			
Sand	Gray	Soft	52	62			
Slate	Dark	Soft	62	77			
Sand	Gray	Soft	77	95			
Slate	Dark	Soft	95	125			
Sand	Gray	Soft	125	130			
Slate	Dark	Soft	130	158			
Sand	Light	Soft	158	216			
Slate	Gray	Soft	216	253			
Sand	Gray	Soft	253	286			
Slate	Gray	Soft	286	306			
Sand	Light	Soft	306	343			
Slate	Gray	Soft	343	373			
Sand	Light	Soft	373	421			
Slate	Dark	Soft	421	436			
Sand	Light	Soft	436	480			
Slate	Dark	Soft	480	497			
Sand	Light	Soft	497	539			
Slate	Dark	Soft	539	551			
Coal	Dark	Soft	551	556			
Slate	Dark	Soft	556	602			
Sand	Light	Soft	602	630			
Slate	Light	Soft	630	667			
Sand	Light	Soft	667	682			
Slate	Dark	Soft	682	712			
Sand	Light	Soft	712	722			
Slate	Dark	Soft	722	747			
Sand	Light	Med.	747	852			
Slate	Dark	Soft	852	973			
Sand	Light	Soft	973	1018			
Slate	Dark	Soft	1018	1048			
Sand	Light	Soft	1048	1068			
Slate	Dark	Soft	1068	1096			
Sand	Light	Soft	1096	1144			
Slate	Dark	Soft	1144	1164			





RECEIVED

FEB 28 1979

FERC-121

		OIL & GAS DIVISION DEPT. OF MINES																												
1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-099-0530</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> 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>Wilson Coal Land Co. 47-771</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>See Addendum "A"</u> <u>Houdaille Industries, Inc.</u> Name			<u>N/Available</u> Buyer Code																										
(b) Date of the contract:	<u>1 2 2 6 7 3</u> Mo. Day Yr.																													
(c) Estimated annual production:	<u>2.1</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>1 2 8 3</u>	<u>0 0 5 1</u>	<u>0 0 0 3</u>	<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>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%;"> <tr> <td style="width: 30%; text-align: center;">Agency Use Only</td> <td colspan="4" style="text-align: center;"><u>William C. Charlton</u> <u>Division Counsel</u></td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency</td> <td colspan="4" style="text-align: center;">Name <u>William C. Charlton</u></td> </tr> <tr> <td style="text-align: center;"><b>FEB 28 1979</b></td> <td colspan="4" style="text-align: center;">Signature <u>William C. Charlton</u></td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> <td colspan="2" style="text-align: center;"><u>02 / 28 / 79</u></td> <td colspan="2" style="text-align: center;"><u>(304) 342-8166</u></td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">Date Application is Completed</td> <td colspan="2" style="text-align: center;">Phone Number</td> </tr> </table>					Agency Use Only	<u>William C. Charlton</u> <u>Division Counsel</u>				Date Received by Juris. Agency	Name <u>William C. Charlton</u>				<b>FEB 28 1979</b>	Signature <u>William C. Charlton</u>				Date Received by FERC	<u>02 / 28 / 79</u>		<u>(304) 342-8166</u>			Date Application is Completed		Phone Number	
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	Date Application is Completed		Phone Number																											

11/17/2023



WELL DETERMINATION REPORT

001 17 1973

PARTICIPANTS:

DATE:

BUYER-SELLER CODE

WELL OPERATOR: Industrial Gas Corporation

009283

FIRST PURCHASER: Houdaille Industries, Inc.

OTHER:

W. Va. Department of Minos. Oil & Gas Division

WELL DETERMINATION FILE NUMBER

790228-108-099-0560

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

Qualifier J. H. Huggins

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 85 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 Commenced: 5-24-48  
~~Completed:~~ 8-4-48 (drill) Deepened                       
Frac:
- (5) Production Depth: 1417; 1950; 1964
- (5) Production Formation: Salt Sand; Big Lime; Big Lime
- (5) Final Open Flow  
~~Initial Potential:~~ 203 mcf
- (5) Static R.P. ~~Initially~~ NA
- (6) Other Gas Test:
- (7) Avg. Daily Gas from Annual Production: 4.35 MCF 1583/364
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 0/90 MCF
- (8) Line Pressure: 43 # PSIG from Daily Report
- (5) Oil Production: Yes From Completion Report 2064; 2624 11/17/2023
- (10-17) Does lease inventory indicate enhanced recovery being done: 0 0
- (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?



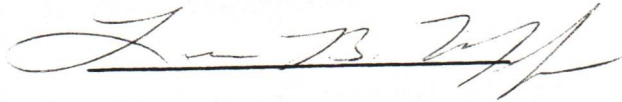
Describe the search made of any records listed above:

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 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, 19 79.

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

11/17/2023

Charlotte I. Mathews  
Notary Public



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

Date 02/28 1979

Operator's Well No. 47-771

API Well No. 47 - 099 - 0560  
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 1,256.23'

ADDRESS P. O. Box 1473 Watershed Not Available  
Charleston, WV 25325

GAS PURCHASER \* \_\_\_\_\_ Dist. Linc. County Wayne Quad. Wayne

ADDRESS \_\_\_\_\_ Gas Purchase Contract No. \* \_\_\_\_\_

\_\_\_\_\_ Meter Chart Code R0002

\_\_\_\_\_ 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.

11/17/2023



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

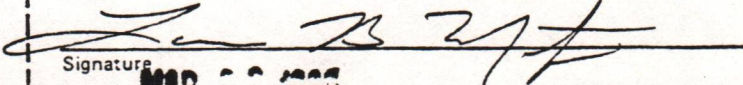
Other Purchasers/Contracts:

<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- 099-0560</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 <u>P. O. Box 3711</u> Street <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 <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: 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="font-size: 8px;">Mo.</td> <td style="font-size: 8px;">Day</td> <td style="font-size: 8px;">Yr.</td> <td colspan="4"></td> </tr> </table>												Mo.	Day	Yr.				
Mo.	Day	Yr.																
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>Wilson Coal Land Co.</u></p>		<p><u>47-771</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>2.1</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</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><b>MAR 3 1981</b></p> <p>Date Application is Completed</p>														
Agency Use Only																		
Date Received by Juris. Agency																		
Date Received by FERC																		
			<p><u>(304) 342-8166</u> Phone Number</p>															



WELL DETERMINATION REPORT

PARTICIPANTS:

DATE: AUG 12 1980

BUYER-SELLER CODE

Well OPERATOR: Tug Fork Corporation

n/A

FIRST PURCHASER: Tennessee Gas Pipeline Co.

018629

OTHER: \_\_\_\_\_

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

80/03/31 . 107 . 099 . 0560

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 Lawrence B. Mentzer
- 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 \_\_\_\_\_ years
- 8. IV-40 90 day Production \_\_\_\_\_ 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 \_\_\_\_\_ 1:4000Map \_\_\_\_\_ Well Tabulations \_\_\_\_\_  
 Gas Analyses \_\_\_\_\_
- (5) Date commenced: 5.24. Date completed 8.4.48 Deepened \_\_\_\_\_
- (5) Production Depth: 1417, 1950, 1964
- (5) Production Formation: Salt sand, Big Lime
- (5) Final Open Flow: 203m
- (5) After Free. R.P. N/A
- (6) Other Gas Test: \_\_\_\_\_
- (7) Avg. Daily Gas from Annual Production: \_\_\_\_\_
- (8) Avg. Daily Gas from 90-day ending w/1 - 120 days \_\_\_\_\_
- (8) Line Pressure: \_\_\_\_\_ PSIG from Daily Report \_\_\_\_\_
- (5) Oil Production: yes From Completion Report 2064, 2624 11/17/2023
- (10-17) Does lease inventory indicate enhanced recovery being done no
- (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? \_\_\_\_\_

*Debi*



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

Date MAR 3 1980, 19\_\_  
Operator's Well No. 47-771  
API Well No. 47 - 099 - 0560  
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 1256  
Watershed N/A  
Dist. Lincoln County Wayne Quad. Wayne  
Gas Purchase Contract No. TF-1  
Meter Chart Code R0002  
Date of Contract 08/17/80

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

\* \* \* \* \*

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, 19 80, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of March, 19 80.  
My term of office expires on the 5th day of December, 19 85.

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.

11/17/2023



11/17/2023



