



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.

Robert Williamson
COAL OPERATOR OR COAL OWNER
Wilsondale, W. Va.
ADDRESS

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

Robert Williamson
COAL OPERATOR OR COAL OWNER
ADDRESS
Robert Williamson
OWNER OF MINERAL RIGHTS
Wilsondale, W. Va.
ADDRESS

April 15, 19 48
PROPOSED LOCATION
Lincoln District
Wayne County
Well No. 773 38° 00'
82° 15'
Robert Williamson 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 July 25, 1947, made by Robert Williamson, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 5th day of August, 1947, in the office of the County Clerk for said County in Book 35, page 387.

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.)

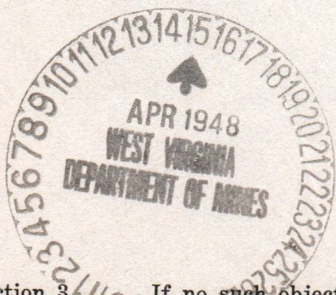
Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address day before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

WELL OPERATOR
Box 4158,
STREET
Charleston, 4, W. Va. 11/17/2023
CITY OR TOWN
STATE

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.



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.

NAME OF WELL OPERATOR	COAL OPERATOR OR COAL OWNER
ADDRESS	ADDRESS
PROPOSED LOCATION	COAL OPERATOR OR COAL OWNER
DISTRICT	ADDRESS
COUNTY	OWNER OF MINERAL RIGHTS
WELL NO.	ADDRESS
TOWN	

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas having for this purpose (or in the case may be) under grant or lease dated _____ to _____ and recorded on the _____ in the name of the County Clerk for said County in _____ page _____

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 of _____ 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 boundary 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 notice 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 grounds or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

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

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

Very truly yours,

WELL OPERATOR

STREET

CITY OR TOWN

STATE

Address
of
Well Operator

11/17/2023

Section 3 of the Code of West Virginia provides that if no such objections be filed or if such objections be filed and not sustained, the Department of Mines may proceed to permit the drilling of such well and that the Department of Mines shall forthwith issue to the well operator a drilling permit bearing the date of such plat and no objection has been made by the coal operators to the location or found thereon by the Department of Mines and 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
Lime	Light	Hard	1897	1919			
Big Lime	White	Hard	1919	2079	Show oil	@ 2016'	
Injun	Red	Hard	2079	2118	Gas	@ 2031'	27 M
Sl. & Shells	Gray	Med.	2118	2647	Test	@ 2059'	19 M
Brown Shale	Brown	Soft	2647	2660	Gas	@ 2067'	22 M
Berea Sand	Gray	Hard	2660	2675			
Sl. & Shells	White	Med.	2675	2690	Test	2176'	19 M
Gritty Lime	Light	Hard	2690	2706	Test	@ 2362'	Same
Sl. & Shells	Light	Hard	2706	2727			
Brown Shale	Brown	Soft	2727	2780	Test	@ 2628'	14 M
Sl. & Shells	Gray	Soft	2780	3404	Gas	@ 2665'	18 M
Brown Shale	Brown	Soft	3404	3477	Gas	@ 2680'	25 M
Shale & Shells	Brown	Soft	3477	3508			
Brown Shale	Brown	Soft	3508	3566	Show oil	@ 2670'	
Shale & Shell	Brown	Soft	3566	3600			
Brown Shale	Brown	Soft	3600	3681			
Blue Slate	Blue	Soft	3681	3700			
Sl. & Shells	Gray	Soft	3700	3740	Test	@ 3115'	16 M
Total Depth			3740	3740	Gas	@ 3387'	18 M
					Test	@ 3437'	16 M
					Gas	@ 3453'	18 M
					Gas	@ 3468'	19 M
					Test	@ 3508	Same
					Test	@ 3604	Same
					Gas	@ 3616'	26 M
					Gas	@ 3652	27 M
					Shot 6-24-48	9,700# Det.	2749-3740
					T. B. Shot		25 M
					1 Hr. A. S.		411 M
					11 Hr. A. S.		154 M
					OPEN FLOW:		
						Lime 19 M	
						Shale 117 M	
						Total 136 M	

way 571

11/17/2023

Date July 15, 1948

APPROVED OWENS, LIBBEY-OWENS GAS DEPT. Owner

By A. H. McClain (Title) Geologist



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Waugatch

WELL RECORD

Permit No. Wayne 571

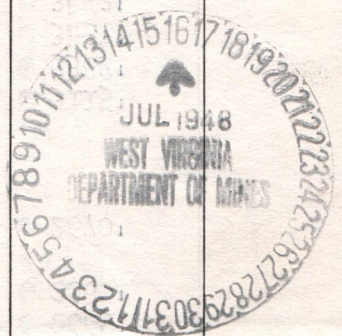
Oil or Gas Well Gas
(KIND)

Company Owens, Libbey-Owens Gas Department
Address P. O. Box 4158, Charleston 4, W. Va.
Farm Robert Williamson Acres 50
Location (waters) West Fork of Twelve Pole Creek
Well No. OLO 773, Williamson No. 1 Elev. 1415.9
District Lincoln County Wayne
The surface of tract is owned in fee by Robert Williamson
Address Wilsondale, W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced 4-30-48
Drilling completed 6-23-48
Date Shot 6-24-48 From 2749 To 3740
With 9,700# Detonite
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ 136 M Cu. Ft.
Rock Pressure 455 lbs. 37 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>Oil Well Wall Anchor</u>
16			Size of _____
13			Depth set <u>2692-2698</u>
10			Perf. top _____
8 1/2 <u>5/8"</u>	<u>824</u>	<u>824</u>	Perf. bottom _____
7	<u>1941</u>	<u>1941</u>	Perf. top _____
<u>5 3/16</u>			Perf. bottom _____
<u>3 1/2</u>	<u>3174</u>	<u>3174</u>	
<u>3 1/2 Perf.</u>	<u>311</u>	<u>311</u>	
Liners Used			

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
Soap Stone	Yellow	Soft	0	30			
Slate	White	Soft	30	41			
Lime	Light	Med.	41	59			
Slate	Light	Soft	59	114			
Sand	Yellow	Soft	114	174	Water		@ 174'
Sand	Light	Hard	174	307			
Slate & Shells	White	Soft	307	317			
Sand	White	Soft	317	365			
Slate	Light	Soft	365	385			
Sand	Black	Soft	385	440			
Slate	Gray	Soft	440	480			
Sand	Gray	Soft	480	489			
Sand Shells	Light	Soft	489	554			
Sand	Light	Soft	554	598			
Slate & Shells	Gray	Soft	598	623			
Sandy Lime	White	Med.	623	670			
Slate	Light	Soft	670	673			
Coal	Black	Soft	673	677			
Slate & Shells	Dark	Soft	677	725			
Sand	White	Hard	725	736			
Slate	Dark	Soft	736	785			
Sand	White	Med.	785	795			
Slate	Gray	Soft	795	821			
Gritty Lime	Gray	Med.	821	843			
Sand	White	Med.	843	888			
Sl. & Shells	Dark	Soft	888	982			
Sand	White	Med.	982	1024			
Sl. & Shells	Light	Med.	1024	1248			
Salt Sand	White	Hard	1248	1622	Water		@ 1315'
Sl. & Shells	Light	Med.	1622	1686	Water	@ 1382'	11/17/2023 @ 1315'
Gritty Lime	Light	Hard	1686	1703			
Lime	Black	Med.	1703	1755	Water	@ 1752'	Standing 600'
Sl. & Shells	Dark	Med.	1755	1791			
Red Rock	Red	Soft	1791	1794			
Sl. & Shells	White	Med.	1794	1809			
Maxton Sand	White	Hard	1809	1854			
Lime	Dark	Hard	1854	1883			
Sand	White	Hard	1883	1897	Water	@ 1856'	Standing 600'



126547
FEB 28 1979
OIL & GAS DIVISION
DEPT. OF MINES

1.0 API well number: (If not available, leave blank. 14 digits.)	47-099-0571				FEB 28 1979																											
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 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.)	R. Williamson				1-773																											
(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:	4.5 MMcf.																															
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices (Indicate (+) or (-).)	(d) Total of (a), (b) and (c)																												
7.0 Contract price: See Addendum "A" (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:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">Agency Use Only</td> <td colspan="4" style="text-align: center;">William C. Charlton</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency FEB 28 1979</td> <td colspan="4" style="text-align: center;">Division Counsel</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> <td colspan="4" style="text-align: center;">Signature <i>William C. Charlton</i></td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">02 / 28 / 79</td> <td colspan="3" style="text-align: center;">(304) 342-8166</td> </tr> <tr> <td></td> <td colspan="3" style="text-align: center;">Date Application is Completed</td> <td colspan="2" style="text-align: center;">Phone Number</td> </tr> </table>					Agency Use Only	William C. Charlton				Date Received by Juris. Agency FEB 28 1979	Division Counsel				Date Received by FERC	Signature <i>William C. Charlton</i>					02 / 28 / 79		(304) 342-8166				Date Application is Completed			Phone Number	
Agency Use Only	William C. Charlton																															
Date Received by Juris. Agency FEB 28 1979	Division Counsel																															
Date Received by FERC	Signature <i>William C. Charlton</i>																															
	02 / 28 / 79		(304) 342-8166																													
	Date Application is Completed			Phone Number																												

11/17/2023

WELL DETERMINATION REPORT

DATE: OCT 17 1978

PARTICIPANTS:

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
790228-108-099-0571
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies as Section 108 Stripped well.

Robert [Signature]

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 Affidavit Signed
- 18 - 28 Other: Survey _____ Logs _____ Geological Charts _____ Structure Map _____
 1:4000 Map _____ Well Tabulations _____ Gas Analyses _____
 (5) Date Commenced: 4-30-48
Completed: 6-23-48 Drill Deepened _____
Frac
 (5) Production Depth: 2031-67, 2065-80, 3387; 3427-68, 3616-52;
 (5) Production Formation: Dis. lime, Sh. shls; Br. Shaly;
Final Open Flow
 (5) Initial Potential: 136 MCF
After Frac
 (5) Static R.P. Initially 455 #
 (6) Other Gas Test: _____
 (7) Avg. Daily Gas from Annual Production: 16.39 MCF 5934/362
 (8) Avg. Daily Gas from 90-day ending w/1-120 days 28.37 427+429+1589
86
 (8) Line Pressure: 98 # PSIG from Daily Report
 (5) Oil Production: From Completion Report Show 2016, 2420 11/17/2023
- (10-17) Does lease inventory indicate enhanced recovery being done: YES
- (10-17) Is affidavit signed? Notarized?

Does official well record with the Department of Mines confirm the submitted information? yes

Additional Information _____ Does computer program confirm? _____

Was Determination Objected to? _____ By Whom? _____

JPH (CW)

75

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

Date 02/28, 1979

Operator's Well No. 1-773

API Well No. 47 - 099 - 0571
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 1,415.9'

ADDRESS P. O. Box 1473
Charleston, WV 25325

Watershed Not Available

Dist. Linc. County Wayne Quad. Naugatuck

GAS PURCHASER * _____

Gas Purchase Contract No. * _____

ADDRESS _____

Meter Chart Code R0269

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

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.

11/17/2023



Notary Public

FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47- 099-0571</u>				
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	<u>107</u> Section of NGPA		<u>NA</u> Category Code		
3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)	<u>NA</u> feet				
4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)	<u>Tug Fork Corporation</u>			<u>N/A</u> Seller Code	
	Name <u>P. O. Box 3711</u>				
	Street <u>Charleston</u> <u>WV</u> <u>25337</u>				
	City State Zip Code				
5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells (35 letters maximum for field name.)	<u>NA</u> Field Name		<u>WV</u> State		
	<u>Wayne</u> County				
(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>Williamson</u>		<u>1-773</u>		
(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)	<u>NA</u>				
6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)	<u>Tennessee Gas Pipeline Company</u>			<u>018629</u> Buyer Code	
	Name				
(b) Date of the contract:	<u>0 8 1 7 8 0</u> Mo. Day Yr.				
(c) Estimated annual production:	<u>4.5</u> MMcf.				
		(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)		<u>2.404</u>	<u>324</u>	<u>0.0</u>	<u>2.728</u>
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)		<u>2.404</u>	<u>324</u>	<u>0.0</u>	<u>2.728</u>
9.0 Person responsible for this application:	<u>Lawrence B. Mentzer</u> <u>Corporate Attorney</u>				
	Agency Use Only		Name Title		
	Date Received by Juris. Agency		 Signature <u>MAR 3 1980</u>		
	Date Received by FERC				
		<u>(304) 342-8166</u> Phone Number			
		<u>11/17/2023</u> Date Application is Completed			

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:

PLICITANTS:

DATE: AUG 12 1980

BUYER-SELLER CODE

WELL OPERATOR: Tug Fork Corp.

NA

FIRST PURCHASER: Tennessee Gas Pipeline Co.

018629

OTHER: _____

U.S. Department of Mines, Oil & Gas Division
 WELL DETERMINATION FILE NUMBER
300331-107-099-0571
 See Above File Number on all Communications
 Relating To Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- 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 No Prod years
 8. IV-40 90 day Production _____ Days off line: _____
 9. IV-48 Application for certification. Complete?
 7. IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? AFFIDAVIT SIGNED?
 8. Other: Survey Logs _____ Geological Charts _____
- Structure Map _____ 1:4000 Map _____ Well Tabulations _____
 Gas Analyses _____
- (5) Date commenced: 4/30/48 Date completed 6/24/48 Deepened _____
 - (5) Production Depth: 2780/3404; 3404/77;
 - (5) Production Formation: S1. + Shells; Bv Shale
 - (5) Final Open Flow: _____
 - (5) After Free. R.P. _____
 - (6) Other Gas Tests: _____
 - (7) Avg. Daily Gas from Annual Production: No Prod
 - (8) Avg. Daily Gas from 90-day ending w/1 - 120 days " "
 - (8) Line Pressure: None PSIG from Daily Report _____
 - (5) Oil Production: yes From Completion Report 2670, 2016 11/17/2023
 - 7) Does lease inventory indicate enhanced recovery being done No
 - 7) Is affidavit signed? Notarized?
- Official well record with the Department confirm the submitted information? yes
 Additional Information _____ Does computer program confirm? _____
 Determination Objected to? _____ By Whom? _____

P.L.

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

Date MAR 3 1980, 1980

Operator's Well No. 1-773
API Well No. 47 - 099 - 0571
State County Permits

WELL CLASSIFICATION FORM

HIGH COST GAS WELL
NGPA Section 107

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

DESIGNATED AGENT Lawrence B. Mentzer
ADDRESS P. O. Box 3711
Charleston, W. Va. 25337
LOCATION: Elevation 1415.9
Watershed N/A
Dist. Lincoln County Wayne Quad. Naugatuck
Gas Purchase Contract No. TF-1
Meter Chart Code R0269
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.]

11/17/2023

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.

11/17/2023

IV-39-WC

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

ANNUAL REPORT OF MONTHLY PRODUCTION-197A
GAS VOLUMES IN MFC @ 14.73
OIL IN BARRELS @ 60 DEGREES
OPERATOR : Industrial Gas Corporation
COUNTY: Wayne

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

API	FARM	R. Williamson	1-773	County	Wayne	Avg. Flow Pressure	NA	Shut-in Pressure	NA	TOTALS
GAS MFC	253	247	272	281	242	283	314	304	355	3593
OIL BBL	J-	M-	A-	M-	J-	J-	A-	0-	H-	0 OIL
DAYS ONLINE	30	34	27	30	32	27	30	28	31	364

1977

API	FARM	R. Williamson	1-773	County	Wayne	Avg. Flow Pressure	98	Shut-in Pressure	NA	TOTALS
GAS MFC	410	357	338	392	419	393	436	427	429	5934
OIL BBL	J-	F-	M-	A-	M-	J-	A-	0-	H-	0 OIL
DAYS ONLINE	33	30	27	31	31	32	33	29	29	362

1978

SUMMARIZATION SCHEDULE
Section 271.804 (b)

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

API NUMBERS 47-099-0587

11/17/2023