



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

Mrs. Louisa Collins  
COAL OPERATOR OR COAL OWNER

Owens, Libbey-Owens Gas Department  
NAME OF WELL OPERATOR

544 Bridge St., Huntington, W. Va.  
ADDRESS

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

\_\_\_\_\_  
COAL OPERATOR OR COAL OWNER

March 30, 19 49  
PROPOSED LOCATION

\_\_\_\_\_  
ADDRESS

Grant District

Same  
OWNER OF MINERAL RIGHTS

Wayne County

\_\_\_\_\_  
ADDRESS

Well No. OLO No. 796, farm No. 4 38°05'  
82°10'

Louisa Collins 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 September 15, 1933, made by Louisa Collins, widow, to Owens-Illinois Glass Co. & Libbey-Owens Ford Glass Co., and recorded on the 1st day of November, 1933, in the office of the County Clerk for said County in Book 20, page 133.

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 XXX before, 11 on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
WELL OPERATOR

P. O. Box 4158  
STREET

Charleston - 4 -  
CITY OR TOWN

West Virginia  
STATE



Address of Well Operator }

11/10/2023

\*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.

679

Cancelled  
See letter Way-426



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines  
Charleston, W. Va.

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
NAME OF WELL OPERATOR

Mrs. James Collins  
COAL OPERATOR OR COAL OWNER

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

511 Bridge St., Huntington, W. Va.  
ADDRESS

March 30, 1918  
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

Grant  
District

ADDRESS

Wayne  
County

OWNER OF MINERAL RIGHTS

Well No. CIG No. 295, Farm No. 18  
Farm

ADDRESS

AGREEMENT:

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 case may be) under grant or lease dated September 15, 1933, made by James Collins, widow of James Collins, and recorded on the 1st day of November, 1933, in the office of the County Clerk for said County in Book 20, page 133.

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 Wayne 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 forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

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

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
WELL OPERATOR

P. O. Box 1158  
STREET

Charleston - W. Va.  
CITY OR TOWN

West Virginia  
STATE

Address of Well Operator

11/10/2023

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, the department shall forthwith issue to the well operator a drilling permit reciting the date of such plat and that no objections have been made by the coal operators to the location, or found thereon by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

PERMIT NUMBER 441-579



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

Mrs. Louisa Collins  
COAL OPERATOR OR COAL OWNER  
544 Bridge St.  
Huntington, W. Va.  
ADDRESS

---

COAL OPERATOR OR COAL OWNER  
ADDRESS

---

same  
OWNER OF MINERAL RIGHTS  
ADDRESS

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
NAME OF WELL OPERATOR  
P. O. Box 4158, Charleston 4, W. Va.  
COMPLETE ADDRESS

---

June 28, 1951  
PROPOSED LOCATION

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Grant District  
Wayne County

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Well No. 4 (OLO Serial No. 796) <sup>38° 05'</sup> <sub>82° 10'</sub>

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Louisa Collins 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 September 15, 1933, made by Louisa Collins, widow, to Owens-Illinois Glass Co. & Libbey-Owens Ford Glass Co., and recorded on the 1st day of November, 1933, in the office of the County Clerk for said County in Book 20, page 133.

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.

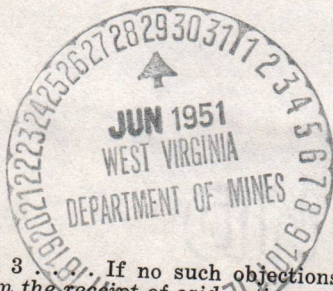
(The next paragraph is to be completed only in Department's copy.)

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 XXXXXXXXXX, ~~on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.~~

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
WELL OPERATOR  
P. O. Box 4158  
STREET  
Charleston - 4 -  
CITY OR TOWN  
West Virginia  
STATE

Address of Well Operator }



11/10/2023

\*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.

785 679-R



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines  
Charleston, W. Va.

OWENS, LIBBEY-OWENS GAS DEPARTMENT

NAME OF WELL OPERATOR

COAL OPERATOR OR COAL OWNER

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

COMPLETE ADDRESS

5th Bridge St.  
Martinsburg, W. Va.

ADDRESS

June 28, 1921  
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

District

Grant

ADDRESS

County

Wayne

OWNER OF MINERAL RIGHTS

Well No. 4 (O.G. Series No. 798) 28° 11'

Louisa Collins Farm

ADDRESS

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having for title thereto, (or as the case may be) under grant or lease dated September 15, 1922, made by Louisa Collins, widow of James Collins, and recorded on the tax map of November, 1922, in the office of the County Clerk for said County in Book 50, page 155.

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 bounds of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 2 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 on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

WELL OPERATOR

P. O. Box 1158

STREET

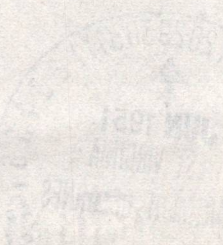
Charleston - W. Va.

CITY OR TOWN

West Virginia

STATE

Address of Well Operator



11/10/2023

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, the department shall forthwith issue to the well operator a drilling permit reserving the right of such plat, and no objections have been made by the coal operators or coal owners to the location of the well, then the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number 44-02-2

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand	White	Hard	1512	1526			
Slate	Black	Soft	1526	1530			
Little Lime	Black	Hard	1530	1546			
Little Lime	Gray	Hard	1546	1564			
Pencil Cave	Light	Soft	1564	1570			
Big Lime	White	Hard	1570	1765			
Red Injun	Red	Hard	1765	1789			
Blue Injun	Blue	Hard	1789	1813			
Slate & Shell	White	Hard	1813	1820			
Gritty Shell	Light	Hard	1820	1830			
Broken Sand	Light	Med.	1830	1885			
Slate & Shell	White	Hard	1885	1970			
Slate & Shell	Light	Soft	1970	2039			
Sand	Light	Hard	2039	2085			
Gritty Shell	Light	Hard	2085	2136			
Slate & Shells	Light	Soft	2136	2333			
Coffee Shale	Dark	Soft	2333	2363			
Berea Sand	Dark	Hard	2363	2373			
Lime Shells	Light	Hard	2373	2403			
Gritty Shells	Dark	Hard	2403	2425			
"Break"	Dark	Soft	2425	2428			
Unrecorded	---	---	2428	2433			
Sand	Dark	Hard	2433	2439			
Lime Shell	White	Hard	2439	2466			
Shells	Dark	Hard	2466	2516			
Shells	White	Hard	2516	2574			
Slate & Shells	Light	Hard	2574	2694			
Shells	Light	Hard	2694	2710			
Brown Shale	Brown	Soft	2710	2777	Gas	2815	show
Brown Shale	Brown	Shelly	2777	2815			
Brown Shale	Brown	Soft	2815	2860			
Brown Shale	Brown	Shelly	2860	2902			
Brown Shale	Brown	Soft	2902	2939	Gas	2974	show
Brown Shale	Brown	Shelly	2939	3005	Gas	2990	show
					Gas	3005	show
Shells	Light	Hard	3005	3026			show
Slate & Shell	White	Hard	3026	3044	Gas	3026	17 M
Shells	Light	Hard	3044	3128	Gas	3063	27 M
Brown Shale	Brown	Shelly	3128	3251	Gas	3159	28 M
					Gas	3251	1,105 M
Brown Shale	Brown	Hard	3251	3260	Gas	3260	to 736 M
					In 38 hrs. gas blew down		
					Test	3260	386 M
					Gas	3264	823 M
Brown Shale	Brown	Hard	3260	3450			
Slate	White	Soft	3450	3472			
Total Depth				3472			
					Test before shot		291 M
					1 Hr. after shot		264 M

11/10/2023

Date November 5, 195

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Ow

By *A. H. Smith*  
A. H. Smith (Title) Geologist



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Oil or Gas Well Gas  
(KIND)

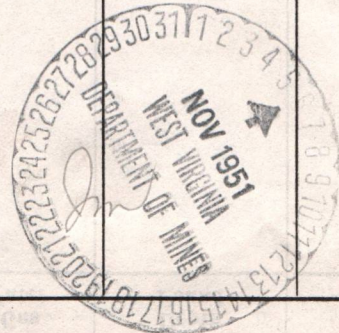
*Midkiff*

Permit No. Wayne-679-R  
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 1158, Charleston 4, W. Va.  
Farm Louisa Collins Acres 656.1  
Location (waters) \_\_\_\_\_ Elev. 952.57  
Well No. 4 (OLO No. 796)  
District Grant County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Louisa Collins  
544 Bridge Street Address Huntington, W. Va.  
Drilling commenced 7-20-51  
Drilling completed 10-8-51  
Date Shot 10-24-51 From 3472 To 2710  
With 7,300# Detonite  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume Brown Shale 244 M Cu. Ft.  
Rock Pressure 290# lbs. 130 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Comb. Wall & Anchor
13			Size of <u>6-5/8 x</u>
10			<u>3-1/2</u>
8 3/4	<u>242'</u>	<u>242'</u>	Depth set
6 5/8	<u>1706'</u>	<u>1706'</u>	<u>2508-2512</u>
5 3/16		<u>2512'</u>	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ D  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCH  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCH  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCH

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	--	--	0	2			
Sand	Gray	Hard	2	60			
Coal	Black	Soft	60	65			
Sand	White	Soft	65	115			
Slate	Dark	Soft	115	128			
Sand	Dark	Soft	128	132			
Sand	White	Hard	132	155			
Slate	Dark	Soft	155	220			
Slate	White	Soft	220	228			
Sand	White	Soft	228	320	Water	255	1 BPH
Slate	Dark	Soft	320	372			
Broken Sand	White	Hard	372	422			
Sand	White	Hard	422	455			
Slate	Dark	Soft	455	490			
Slate & Shells	Dark	Soft	490	520			
Sand	White	Soft	520	562			
Slate & Shells	Dark	Soft	562	619			
Sand	White	Soft	619	629			
Slate	Black	Soft	629	659			
Sand	White	Soft	659	700			
Slate & Shells	Dark	Soft	700	759			
Sand	White	Hard	759	794			
Slate	Black	Soft	794	820			
Slate	Dark	Soft	820	842			
Sand	Dark	Soft	842	875			
Broken Sand	White	Soft	875	912			
Sand	Dark	Hard	912	935			
Sand	White	Hard	935	1127	Water	950	filling up hole
Broken Sand	White	Hard	1127	1164			
Slate	Black	Soft	1164	1180			
Sand	White	Hard	1180	1217			
Slate	White	Soft	1217	1235			
Slate	White	Hard	1235	1250			
Slate	White	Soft	1250	1261			
Sand	Dark	Hard	1261	1280			
Salt Sand	White	Hard	1280	1386			
Slate	Black	Soft	1386	1396			
Salt Sand	White	Hard	1396	1512			



11/10/2023

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-785

Oil or Gas Well \_\_\_\_\_  
(KIND)

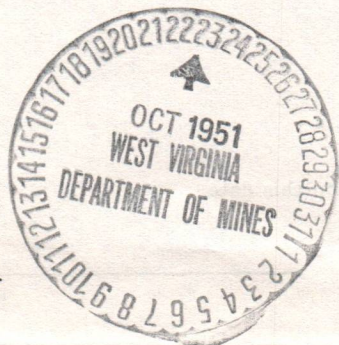
Company Owens Libbey-Owens  
 Address P.O. Box 4158 Charleston W.Va.  
 Farm Louisa Collins  
 Well No. 4-Sr-796  
 District Grant County Wayne  
 Drilling commenced \_\_\_\_\_  
 Drilling completed \_\_\_\_\_ Total depth 3260'  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume 644,000 Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ 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
16			
13			
10			Size of
8 1/4	<u>241</u>		
6 5/8	<u>1707</u>		Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Drillers' Names O.C. Mills - (contractor)

Remarks:



10/15/51  
DATE

O.C. Allen  
DISTRICT WELL INSPECTOR

11/10/2023

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
**INSPECTOR'S PLUGGING REPORT**

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner	Location	Amount	Packer	Location			
<b>PLUGS USED AND DEPTH PLACED</b>			<b>BRIDGES</b>		<b>CASING AND TUBING</b>		
<b>CEMENT-THICKNESS</b>	<b>WOOD-SIZE</b>	<b>LEAD</b>	<b>CONSTRUCTION-LOCATION</b>		<b>RECOVERED</b>	<b>SIZE</b>	<b>LOST</b>

Drillers' Names \_\_\_\_\_

Remarks: \_\_\_\_\_

\_\_\_\_\_ DATE I hereby certify I visited the above well on this date.

DISTRICT WELL INSPECTOR  
 11/10/2023



FERC-121

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

1.0 API well number: (If not available, leave blank. 14 digits.)	47-099-0679			
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	108 Section of NGPA	NA Category Code	FEB 28 1979	
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 WV 25325 City State Zip Code		009283 Seller 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.)	Louisa Collins 4-796			
(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:	18.6 MMcf.			
	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)
7.0 Contract price: (As of filing date. Complete to 3 decimal places.)	1 2 8 3 - . - - -	0 0 5 1 - . - - -	0 0 0 3 - . - - -	1 3 3 6 - . - - -
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2 . 2 4 3	0 . 3 0 2	0 . 0 - -	2 . 5 4 5
9.0 Person responsible for this application:	William C. Charlton Name Division Counsel Title <i>William C. Charlton</i> Signature 02/ 28/79 Date Application is Completed (304) 342-8166 Phone Number			
Agency Use Only				
Date Received by Juris. Agency	FEB 28 1979			
Date Received by FERC				

11/10/2023

WELL DETERMINATION REPORT

OCT 17 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
790228-108-099-0679
Use Above File Number on all Communications
Relating to Determination of this Well

Defunct, production recorded 60 mcf per

day in April as may recall

Robert [unclear]

Qualifies JS Huggins

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

- 1 FERC-121 [checked] Items not completed - Line No. [blank]
2 IV-1 - Agent [checked] William C. Charlton
3 IV-2 - Well Permit [checked]
4 IV-6 - Well Plat [checked]
5 IV-35- Well Record [checked] Drilling [checked] Deepening [blank]
6 IV-36- Gas-Oil Test: [checked] Gas Only [blank] Was Oil Produced? [blank] Ratio [blank]
7 IV-39- Annual Production 2 years
8 IV-40- 90 day Production 89 Days off Line: [blank]
9 IV-48- Application for Certification. Complete? [checked]
10 - 17 IV Form #51 - 52 - 53 - 54 - 55 - (56) - 57 - 58. Complete [checked] Affidavit Signed [checked]
18 - 28 Other: Survey [blank] Logs [blank] Geological Charts [blank] Structure Map [blank]
1:4000 Map [blank] Well Tabulations [blank] Gas Analyses [blank]
(5) Date Completed: 10-8-51 (drill) Deepened [blank]
(5) Production Depth: 2815'; 2974-3005'; 3026'; 3063'; 3159-3251'; 3260'; 3264
(5) Production Formation: Brown Shale; Brown Shale; Sl. & sh; shells; Brown Shale; Brown Shale; Slate
Final Open Flow
(5) Initial Potential: 244 mcf.
(5) Static R.P. After Frac Initially 290#
(6) Other Gas Test: [blank]
(7) Avg. Daily Gas from Annual Production: 54.1 MCF
(8) Avg. Daily Gas from 90-day ending w/1-120 days 57.55 MCF
(8) Line Pressure: 34# PSIG from Daily Report
(5) Oil Production: [blank] From Completion Report [blank]
(10-17) Does lease inventory indicate enhanced recovery being done: No
(10-17) Is affidavit signed? [checked] Notarized? [checked]

11/10/2023

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

Additional Information [blank] Does computer program confirm? [blank]

Was Determination Objected to? [blank] By Whom? [blank]

JM

JPH (CAL)

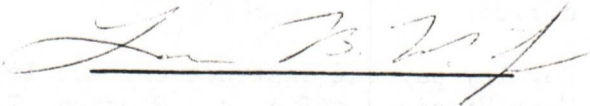
Describe the search made of any records listed above:

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

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

AFFIDAVIT

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

11/10/2023

  
Notary Public

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

Date 02/28 1979  
Operator's Well No. 4-796  
API Well No. 47 - 099 - 0679  
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 952.57'  
ADDRESS P. O. Box 1473 Watershed Not Available  
Charleston, WV 25325 Dist. Grant County Wayne Quad. Midkiff  
GAS PURCHASER \* Gas Purchase Contract No. \*  
ADDRESS Meter Chart Code R0224  
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.

11/10/2023

STIPULANTS:

BUYER-SELLER CODE

WELL OPERATOR: Tag Fort Corp.

NA

FIRST PURCHASER: Tennessee Gas Pipeline Co.

018629

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

U.S. Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER  
30 0331 . 107 . 099 -0679  
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: 7/20/51 Date completed 10/24/51 Deepened \_\_\_\_\_
  - (5) Production Depth: 3026/44; 3128/3251; 3251/60; 3260/3450
  - (5) Production Formation: Slatet+shells; Bn. Shale; Bn Shale; Bn Shale
  - (5) Final Open Flow: 244 m c f d
  - (5) After Free. B.P. 290#
  - (6) Other Gas Test: \_\_\_\_\_
  - (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: No From Completion Report \_\_\_\_\_
  - (7) Does lease inventory indicate enhanced recovery being done No 11/10/2023
  - (7) Is affidavit signed?  Notarized?
  - Official well record with the Department confirm the submitted information? YES
  - Additional Information \_\_\_\_\_ Does computer program confirm? \_\_\_\_\_
  - Termination Objected to? \_\_\_\_\_ By Whom? \_\_\_\_\_

PL.

FERC-121

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p><u>47- 099-0679</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> <p>Mo. Day Yr.</p>							
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p><u>Louisa Collins</u> <u>4-796</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>18.6</u> MMcf.</p>						
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>	<p>(a) Base Price (\$/MMBTU) <u>2.404</u></p>	<p>(b) Tax <u>324</u></p>	<p>(c) All Other Prices [Indicate (+) or (-).] <u>0.0</u></p>	<p>(d) Total of (a), (b) and (c) <u>2728</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>2728</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><u>[Signature]</u> Signature</p> <p><u>(304) 342-8166</u> Phone Number</p> <p><u>MAR 3 1980</u> Date Application is Completed</p>						
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td>Date Received by Juris. Agency</td> </tr> <tr> <td>Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency	Date Received by FERC				
Agency Use Only							
Date Received by Juris. Agency							
Date Received by FERC							

11/10/2023

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:

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

Date MAR 3 1980, 1980

Operator's Well No. 4-796

API Well No. 47 - 099 - 0679  
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 952.57

Watershed N/A

Dist. Grant County Wayne Quad. Midkiff

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 R0224

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 outcrops 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 3<sup>rd</sup> day of March, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3<sup>rd</sup> day of March, 1980

My term of office expires on the 5<sup>th</sup> day of December, 1985.

Charlotte I. Mathews  
Notary Public

[NOTARIAL SEAL]

11/10/2023



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.

11/10/2023

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  
IND, 18

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

OPERATOR : Industrial Gas Corporation

API	FARM	Collins	4-796	1516	1648	1485	1243	1571	1412	1285	1571	1372	TOTALS
			Wayne	AVG. FLOW PRESSURE	62	SHUT-IN PRESSURE	NA	TOTALS					
1977	GAS MFC	1445	1407	1516	1648	1485	1243	1571	1412	1285	1571	1372	17516
	OIL BBL	J-	F-	M-	A-	J-	A-	J-	0-	H-	0-	0-	OIL
	DAYS ONLINE	30	30	29	32	30	29	32	31	28	32	30	366

	1626	841	1420	1896	1880	1724	1566	1921	1480	1901	1624	1597	TOTALS
	AVG. FLOW PRESSURE	34	SHUT-IN PRESSURE	NA	TOTALS								
1978	GAS MFC	1626	841	1420	1896	1880	1724	1921	1480	1901	1624	1597	19476
	OIL BBL	J-	F-	M-	A-	J-	A-	J-	0-	H-	0-	0-	OIL
	DAYS ONLINE	34	25	28	31	31	30	33	29	32	28	29	360

*F. K. C. 2*  
*118*

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

47-099-0285; 47-099-0289; 47-099-0291; 47-099-0679; 47-099-0813; 47-099-0852; 47-099-0860

11/10/2023