

A-1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

Mrs. Emily F. Mathewson
COAL OPERATOR OR COAL OWNER
 630 Bergen Ave., Jersey City, N. J.
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 4168, Charleston 4, W. Va.
COMPLETE ADDRESS

January 28, 1960
PROPOSED LOCATION
 Grant District
 Wayne County
 Well No. 14 (Serial No. 1097) 82° 15' E. 944.
 F. E. Mathewson Farm
 151 Acres

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated March 10, 1927, made by Frank E. Mathewson & wife, to The Owens Bottle Co. & Libbey Owens Sheet Glass Co., and recorded on the 14th day of September, 1927, in the office of the County Clerk for said County in Book 10, page 185.

The enclosed plat was prepared by a competent engineer and shows the proposed location of a well to be drilled for oil and gas by the undersigned well operator on the farm and in the Magisterial District and County above named, determined by survey and courses and distances from two permanent points, or land marks.

The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting the coal operators or coal owners (if any) above named as addressees.

The above named coal operators or coal owners (if any) are notified that any objections they may desire to make to such proposed location, or which they are required to make by Section 3 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective coal mines, must be received by, or filed with the Department of Mines within ten* days from the receipt of a copy of this notice and accompanying plat by said Department. Said coal operators are further notified that forms for use in making such objections will be furnished to them by the Department of Mines promptly on request and that all such objections must set forth as definitely as is reasonably possible the ground or grounds on which such objections are based and indicate the direction and distance the proposed location should be moved to overcome same.

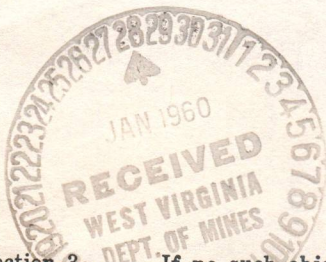
(The next paragraph is to be completed only in Department's copy.)

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

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT
WELL OPERATOR
 P. O. Box 4168
STREET
 Charleston 4,
CITY OR TOWN **08/25/2023**
 West Virginia
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.

WAY-1259

1259

PERMIT NUMBER



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

To The Department of Mines
Charleston, W. Va.

Mrs. Emily F. Mathewson

OWENS, LIBBEY-OWENS GAS DEPARTMENT

COAL OPERATOR OR COAL OWNER

NAME OF WELL OPERATOR

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

P. O. Box #103, Charleston 4, W. Va.

ADDRESS

COAL SITE ADDRESS

January 23, 1921

COAL OPERATOR OR COAL OWNER

PROPOSED LOCATION

ADDRESS

Street

OWNER OF MINERAL RIGHTS

Wayne

NAME

T. E. Mathewson

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

ADDRESS

Wayne

08/25/2023

If no such objection be filed as provided in the department of mines within said period of ten days from the receipt of this notice and that in the department of mines in said proposed location, the department shall forthwith issue to the well operator a drilling permit, setting the date at which first operations have been made by the coal operators in the location, or found there by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number

WT-1254

A-11

OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4158

CHARLESTON 4, WEST VIRGINIA



January 28, 1960

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

Gentlemen:

We are submitting an application for a permit to drill Well No. 14 (Serial No. 1097) on our F. E. Mathewson leasehold, situated in Grant District, Wayne County, West Virginia. A plat showing the location is also enclosed.

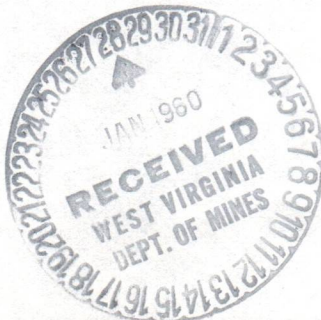
Yours very truly,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

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

TSF/ed
Enclosures

cc: Mrs. Emily F. Mathewson
630 Bergen Ave.
Jersey City, N. J.



08/25/2023

OWENS LIBBEY-OWENS GAS DEPARTMENT

8733 MACCORKEE AVENUE

P. O. BOX 412

CHARLESTON & WEST VIRGINIA



January 23, 1933

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

Dear Sir:

We are submitting in application for a permit to
drill well no. 14 (Section No. 16 1/4 on part E. S. Mathewson
landhold, situated in Grant, Jackson, Wayne, Lincoln, and
Virginia. A plat showing the location is filed in case.

Very truly yours,

OWENS LIBBEY-OWENS GAS DEPARTMENT

[Handwritten Signature]
T. S. Flinn, Chief Engineer

Very truly
yours

cc: Mr. Emily F. Mathewson
1000 Bergen Ave.
Jersey City, N. J.

Auto



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
CHARLESTON

February 8, 1960

C
O
P
Y

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

Att: Mr. A. H. Smith

Dear Sirs:

Enclosed are permits for drilling the following wells -

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

Very truly yours,

Crawford L. Wilson
Director
DEPARTMENT OF MINES

Assistant Director
OIL AND GAS DIVISION

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

Mr. R. C. Tucker, Assistant
State Geologist

08/25/2023



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 CHARLESTON

February 8, 1900

Greene, Kirby-Greene Gas Department
 P. O. Box 1148
 Charleston, West Virginia

Atty. Mr. A. H. Smith

Dear Sir:

Enclosed are permits for drilling the following

wells -

Permit No.	Well No.	Name	Owner
WV-1229	14-8-1027	T. E. Patterson	Greene
WV-1230	2-8-1029	Newton Burgess lease of M. Lincoln	

Very truly yours,

Oswald L. Wilson
 Director
 DEPARTMENT OF MINES

Assistant Director
 OIL AND GAS DIVISION

Mr. R. O. Tucker, Assistant
 State Geologist
 cc Mr. James W. Cook, Inspector
 Charleston

COPY

B-2

Formation	Color	Hard or Soft	Top 18	Bottom	Oil, Gas or Water	Depth Found	Remarks
Salt Sand	White	Hard	799	819			
Slate	Dark	Soft	819	834			
Sand	Light	Med.	834	873			
Sand, Bro.	Dark	Soft	873	898			
Slate	Light	Soft	898	910			
Sand	Light	Med.	910	920			
Sand	Light	Hard	920	947			
Sand	White	Hard	947	998	Gas 965'		22.2 MCF
					Gas 980'		27.2 MCF
					Gas 991'		70.1 MCF
					Gas 997'		389. MCF
					2-25-60		
					Installed 8-5/8" csg. at 998'8" with Bottom Hole Midget Packer on bottom, 6'3" perforated joint and "Oilwell" Gas Anchor Packer set 950 - 954' above Bottom Hole Packer.		
					Test after casing:		255. MCF
Sand	Grey	Med.	998	1073			
Water Sand	Grey	Med.	1073	1088			
Sand	Light	Hard	1088	1111	Water at 1105', hole filling		
Water Sand	Light	Med.	1111	1131	Gas drowned out at approximately 1120'		
Sand	Light	Med.	1131	1151			
Sand	White	Med.	1151	1195			
Sand	Grey	Hard	1195	1210			
Slate	Dark	Soft	1210	1230			
Sand	White	Hard	1230	1267			
Slate	Dark	Soft	1267	1272			
Sand	White	Hard	1272	1362			
Sand	Light	Med.	1362	1448			
Slate	Grey	Soft	1448	1450			
Sand	White	Med.	1450	1546			
Little Lime	Grey	Hard	1546	1587			
Big Lime	White	Hard	1587	1592	Ran 7" casing at 1592' on "Oilwell" Midget Bottom Hole Packer and with Parmaco Anchor Packer set from 1017' to 1020'. Casing bailed and swabbed dry. Casinghead gas strong but vibrating.		
Big Lime	Light	Hard	1592	1595			
Big Lime	White	Hard	1595	1638	3-16-60		
					Casinghead blown and shut in every hour while drilling from 1607' to 1638'. Test at 1638'		213 MCF, no water.
Big Lime	White	Hard	1638	1657	Gas in Big Lime at 1653 - 1656'		103 MCF
Big Lime	White	Hard	1657	1692	SIM 1657 = Sand IM 1657		
Keener Sand	Grey	Med.	1692	1698	SIM 1698 = Sand IM 1698		
Keener Sand	Dark	Hard	1698	1704			
Big Injun	Red	Hard	1704	1723			
Big Injun	Grey	Med.	1723	1755			
Sl & Shls	Black	Med.	1755	1762			
Sl & Shls	Black	Soft	1762	1771			
Sl & Shls	Dark	Hard	1771	1860			
Slate	Grey	Soft	1860	2027			
Shells	Grey	Hard	2027	2030			
Slate	Grey	Soft	2030	2037			
Shells, Pkr.	Dark	Hard	2037	2048			
Slate	Grey	Soft	2048	2078			
Shells	Grey	Hard	2078	2082			
Slate	Grey	Soft	2082	2097			
Shells	Dark	Hard	2097	2101			
Slate	Grey	Soft	2101	2115			
Sand	Grey	Hard	2115	2121	Test 2120'		31.3 MCF
Slate	Light	Soft	2121	2215			

08/25/2023

Date May 13, 19 60
 APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner
 By A. H. Smith
 A. H. Smith (Title) Land, Engrg. & Geol.

06-10
13-1



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 18

Quadrangle Wayne
Permit No. Way-1259

WELL RECORD

Oil or Gas Well GAS
(KIND)

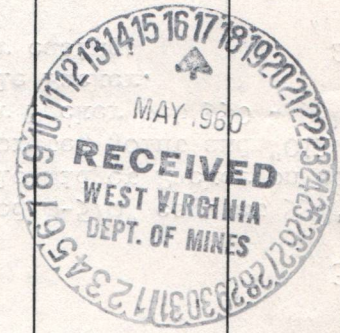
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm F. E. Mathewson Acres 151.4
Location (waters)
Well No. 14 (Serial No. 1097) Elev. 944.8
District Grant County Wayne
The surface of tract is owned in fee by
Address
Mineral rights are owned by Mrs. Emily F. Mathewson
630 Bergen Avenue Address Jersey City, N.J.
Drilling commenced 2-5-60
Drilling completed 4-14-60
Date Shot 4-19-60 From 2802 To 3358
With 5400# Trojan Powder

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			2 Pkrs. run on 8-5/8
13			csg., and 2 Pkrs. run
10 3/4	329'7"	329'7"	on 8-5/8" csg.
8 5/8	998'8"	998'8"	Size of csg. (See Remarks)
7	1591'	1591'	Depth set
5 8/16 3 1/2	3137'6"	Pulled	Oilwell Bottom Set
3 1/2	----	3134'1"	Comp. 3x7x16 at
2			2378 - 2372
Liners Used			Perf. top
			Perf. bottom
			Perf. top 3131'
			Perf. bottom 2576

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume Salt Sand 255 MCF; Big Lime 31 M Cu. Ft.
Rock Pressure Br. Shale 290 MCF lbs. 48 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 150' feet
Salt water 1105' feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 198 FEET 24 INCHES
____ FEET _____ INCHES FEET _____ INCHES
____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Yellow	Soft	0	6			
Sand	Grey	Soft	6	15			
Sand	Grey	Hard	15	30			
Slate	Dark	Soft	30	45			
Sand	Light	Med.	45	90			
Slate	Dark	Soft	90	163	Water at 150', 1/2 BPH		
Sand	Light	Soft	163	198			
Coal	Black	Soft	198	200			
Slate	Dark	Soft	200	239			
Sand	Light	Hard	239	249			
Sand	Light	Soft	249	324			
Slate	Dark	Soft	324	329			
Slate	Light	Soft	329	330			
Sand	Light	Soft	330	352			
Slate	Dark	Soft	352	367			
Sand	White	Hard	367	390			
Slate	Light	Soft	390	400			
Sand	White	Med.	400	446			
Sand, Bro.	Dark	Soft	446	461			
Sand	White	Med.	461	491			
Slate	Dark	Soft	491	501			
Sand	White	Med.	501	511			
Slate	Dark	Soft	511	526			
Sand	White	Med.	526	546			
Slate	Light	Soft	546	611			
Slate	Dark	Soft	611	614			
Sand	Light	Hard	614	634			
Slate	Light	Soft	634	665			
Sand	Light	Soft	665	701			
Sand	White	Med.	701	741	Gas 705'		49.5 MCF
					Gas 720'		65.5 MCF
Sand, Bro.	Dark	Soft	741	768			
Sand	White	Med.	768	788			
Sand	White	Hard	788	799			



08/25/2023

B-4

Formation	Color	Hard or Soft	Top 18A	Bottom	Oil, Gas or Water	Depth Found	Remarks
					4-20-60		
					Installed 3 1/2" tbg. at 3137' with "Oilwell" Bottom Set Comb. W & A Pkr. Packer did not hold.		
					4-21-60		
					Pulled 3 1/2" tubing.		
					4-22-60		
					Installed 3 1/2" tubing at 3131' with "Oilwell" Bottom Set Comb. W & A Pkr.		
					Final Open Flow:		
					Salt Sand		255 MCF
					Big Lime		31 MCF
					Br. Shale		290 MCF
							576 MCF
					4-22-60		
					Shut-in in 3 1/2" tubing at 2:50 P. M. 62 1/2 Hrs. After Shot.		

08/25/2023

OIL AND GAS DIVISION
DEPARTMENT OF MINES
Date May 13, 19 60

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

18A

Quadrangle Wayne

WELL RECORD

Permit No. Way-1259

CONTINUED

Oil or Gas Well GAS
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
 Address P. O. Box 4168, Charleston 4, W. Va.
 Farm F. E. Mathewson Acres 151.4
 Location (waters) _____
 Well No. 14 (Serial No. 1097) Elev. 944.8
 District Grant County Wayne
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced _____
 Drilling completed _____
 Date Shot _____ From _____ To _____
 With _____
 Open Flow /10ths Water in _____ Inch
 /10ths Merc. in _____ Inch
 Volume _____ 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			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

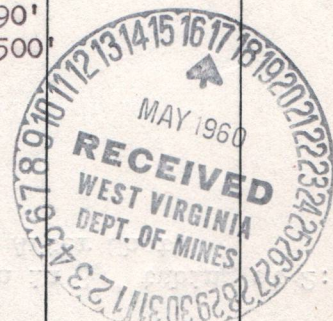
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES

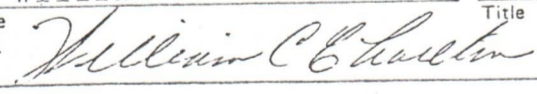
_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Grey	Soft	2215	2280			
Coffee Shale	Brown	Soft	2280	2291	SIM 2291	Sand IM 2291	
Berea	White	Hard	2291	2302			
Berea	Grey	Hard	2302	2328	Gas 2308'		37.5 MCF
Slate	Light	Soft	2328	2355			
Shells, Pkr.	Grey	Hard	2355	2378			
Br. Shale	Brown	Med.	2378	2430			
Lime Shells	Grey	Hard	2430	2435			
Slate	Light	Soft	2435	2490	Test 2490'		34.1 MCF
Slate	Grey	Soft	2490	2510	Gas=? 2500'		35. MCF
Shells	Grey	Hard	2510	2515			
Slate	Grey	Soft	2515	2527			
Shells	Grey	Hard	2527	2534			
Slate	Light	Soft	2534	2593			
Shells	Grey	Hard	2593	2597			
Slate	Light	Soft	2597	2796			
Br. Shale	Brown	Soft	2796	2957			
Slate	Light	Soft	2957	2974			
Lime Shells	Dark	Hard	2974	2982			
Br. Shale	Brown	Soft	2982	3332	SIM 3045	Sand IM 3045	
					4-11-60	After weekend	
					Gas 3060	- 3069	64.6 MCF
					Gas 3082		88. MCF
					Gas 3150	- 3160	90. MCF
					Gas 3265	= 3270	93. MCF
Slate	Light	Soft	3332	3358	SIM 3358	Sand IM 3353	
					4-14-60		
					Shale gas turned in line.		
					4-19-60		
					Shot with 5400# Trojan Powder from		
					2802 to 3358' (12:28 P.M.)		
					Test Before Shot:		92. MCF
					Test 15 Min. After Shot:		901. MCF
					Test 1 Hr. " "		590. MCF
					Test 22 Hrs. " "		290. MCF
					Total Depth 3358		
					Total Depth After Shot 3139		



08/25/2023

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-099-1259</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>009283</u> Seller Code	
	<u>P. O. Box 1473</u>			
	<u>Charleston</u> Street	<u>WV</u> State	<u>25325</u> Zip Code	
	<u>Charleston</u> City			
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>F. E. Mathewson</u>		<u>14-1097</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.)	See Addendum "A" <u>Houdaille Industries, Inc.</u> Name		<u>N/Available</u> Buyer Code	
(b) Date of the contract:	1 2 2 6 7 3 Mo. Day Yr.			
(c) Estimated annual production:	<u>19.6</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.)	See Addendum "A" <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:	<u>William C. Charlton</u> <u>Division Counsel</u> Name Title			
Agency Use Only	 Signature			
Date Received by Juris. Agency <u>FEB 28 1979</u>	<u>02 / 28 / 79</u> Date Application is Completed		<u>(304) 342-8166</u> Phone Number	
Date Received by FERC				

08/25/2023

WELL DETERMINATION REPORT

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 . 1259
 Use Above File Number on all Communications
 Relating to Determination of this Well

Qualifies as Section 108, Stiffer well.
Robert [Signature]

Withdrawn 1-18-80 - (See Letter in File)

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 Completed: Commenced: 2-5-66
4-14-60 drill Deepened _____
- (5) Fraced: _____
- (5) Production Depth: 70 5-20, 965-97, 1453, 2308, 2500, 3060-3265,
- (5) Production Formation: Sand; B. lime, Berea, Slate, Br Shale,
- (5) Final Open Flow silt sand 255 mcf
- (5) Initial Potential: B. lime 290 mcf Br Shale 290 mcf
- (5) Static R.P. After Frac: 314 #
- (6) Other Gas Test: _____
- (7) Avg. Daily Gas from Annual Production: 56.5 mcf (20553 / 364)
- (8) Avg. Daily Gas from 90-day ending w/1-120 days 73.3 mcf (6227 / 85)
- (8) Line Pressure: 32 # PSIG from Daily Report
- (5) Oil Production: _____ From Completion Report _____

08/25/2023

- (10-17) Does lease inventory indicate enhanced recovery being done:
- (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? _____

TS ELM

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

Date 02/28, 1979
Operator's Well No. 14-1097
API Well No. 47 - 099 - 1259
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 944.84'
ADDRESS P. O. Box 1473 Watershed Not Available
Charleston, WV 25325 Dist. Grant County Wayne Quad. Wayne
GAS PURCHASER * Gas Purchase Contract No. *
ADDRESS Meter Chart Code R0543
Date of Contract *

*See FERC-121 - Addendum "A"

* * * * *

Provide a complete inventory of the lease and production equipment used for the well for the previous 24 months or, if less than 24 months, the period the well has been in production. Include a complete list of equipment or processes used in connection with recognized enhanced recovery techniques during completion or production. (Attach separate sheets, if necessary.)

(See Attachment)

List all records reasonably available to you which contain information relevant to a determination of eligibility (including production records, B&O Tax Records and royalty payment records) and indicate the location of such records:

All records required to determine production by meter stations are maintained in Charleston, West Virginia.

B&O Tax Records are located in Charleston, West Virginia, our Boston, Massachusetts office and the Houston, Texas office.

Royalty payment instructions are located in Charleston, West Virginia office and Houston, Texas office.

08/25/2023

Describe the search made of any records listed above:

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

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

AFFIDAVIT

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



STATE OF WEST VIRGINIA,

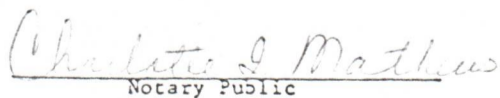
COUNTY OF Kanawha, TO WIT:

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that Lawrence B. Mentzer whose name is signed to the writing above, bearing date the 28 day of February, 19 79, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 28 day of February, 19 79.

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

08/25/2023



Notary Public

Date February 28, 1979

Operator's Well No. 14-1097

API Well No. 47 - 099 - 1259
State County Permit

Previous File No. NA
(If Applicable)

STATE APPLICATION FOR WELL CLASSIFICATION

WELL OPERATOR Industrial Gas Corporation

DESIGNATED AGENT William C. Charlton

ADDRESS P. O. Box 1473
Charleston, W. Va. 25325

ADDRESS P. O. Box 1473
Charleston, W. Va. 25325

Gas Purchase Contract No. * _____ and Date _____
Meter Chart Code R0543 (Month, day and year)

Name of First Purchaser * _____

(Street or P. O. Box)
(City) (State) (Zip Code)

FERC Seller Code 009283 FERC Buyer Code _____

TYPE OF DETERMINATION BEING SOUGHT:

- (1) Initial determination (See FERC Form 121.) 108 Section of NGPA NA Category Code
- (2) Determination that increased production is the result of enhanced recovery technology.
- (3) Determination of a seasonally affected well.

(*See FERC-121 Addendum "A")

William C. Charlton Division Counsel
Name (Print) Title

William C. Charlton
Signature

P. O. Box 1473
Street or P. O. Box
Charleston, W. Va. 25325
City State (Zip Code)

(304) 342-8166
Area Code Phone Number

(Certificate of Proof of Service to Purchaser)

See Separate Certificate Attached

(All of the above to be completed by the Operator/Applicant)

(To be completed by Jurisdictional Agency. Executed copy to be returned to Operator/Applicant and purchaser, if known).

The Department of Mines has received a request, for certification of the above described well as meeting the requirements of Section _____ under the Natural Gas Policy Act of 1978, (NGPA); or for determination that increased production is the result of enhanced recovery technology under Section 108 of (NGPA); or for determination of a seasonally affected well under Section 108 of (NGPA)

All interested parties are hereby notified that on the _____ day of _____, 19____, at the office of the Oil and Gas Division in Charleston, West Virginia, or as soon thereafter as it may be heard, there will be a public hearing, if requested, or if objection is filed.

This Application is assigned File No. _____.

Initial review of information submitted indicates the well is. is not entitled to certification as claimed under the Natural Gas Policy Act (NGPA). A review of this evidence and any additional evidence will be made at the time appointed for a public hearing or as soon thereafter as the matter may be heard.

Unless objections are timely filed or a request for a hearing is made within fifteen (15) days, a hearing will not be held except on ex parte motion of the department and the matter will go to determination.

WEST VIRGINIA DEPARTMENT OF MINES

[Signature]
Director

By _____ 08/25/2023
Title _____

Date received by _____
Jurisdictional Agency

FEB 28 1979

IV-39-WC

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

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

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

API	FARM	Mathewson	14-1097	Wayne	AVG. FLOW PRESSURE	NA	SHUT-IN PRESSURE	NA	TOTALS
1977	47-099-01259	607	1885	1841	1593	2441	1848	1887	20481
		1819	1682	1885	1586	2441	1848	1887	1717 GAS
		J-	M-	M-	J-	A-	S-	H-	OIL
		F-	A-	M-	J-	A-	S-	H-	
		30	27	31	28	37	29	32	365
		DAYS ONLINE							

API	FARM	Mathewson	14-1097	Wayne	AVG. FLOW PRESSURE	NA	SHUT-IN PRESSURE	NA	TOTALS
1978	47-099-01259	607	1885	1841	1378	1511	1440	2123	20553
		2113	1831	1527	1330	1511	1440	2123	2146 GAS
		J-	M-	M-	J-	A-	S-	H-	OIL
		F-	A-	M-	J-	A-	S-	H-	
		34	29	33	29	32	34	28	364
		DAYS ONLINE							

6227 = 13M.
85

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 47-099-1275

08/25/2023

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:

WTS:

DATE: AUG 12 1980

STATE: NA

OPERATOR: Tug Fork Corp.

STATE: NA

LESSOR: Tennessee Gas Pipeline Co.

WELL NO: D18629

WELL NO: _____

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

50331-107-099-1259

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

PLEASE MARK ITEM AS COMPLETE OR NONE IF IT IS MISSING

- 1) Form 101 _____ Date completed - Date No. _____
- 2) 10-1 Agent Lawrence B. Mentzer
- 3) 10-2 Well Permit _____
- 4) 10-3 Well Plat _____
- 5) 10-35 Well Record _____ Drilling _____ Drapering _____
- 6) 10-36 Gas-Oil Tests: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7) 10-37 Annual Production: No Prod.
- 8) 10-40 30 day Production _____ Days off line: _____
- 9) 10-45 Application for certification: _____
- 10) 10-50 Form 401 - 40 - 42 - 44 - 46 - 48 - 50 _____
- 11) 10-55 Survey _____
- 12) 10-56 Structure Map _____
- 13) 10-57 Gas Analyses _____
- 14) 10-58 Date cemented: 2/5/60 Date completed 4/19/60 _____
- 15) 10-59 Production Depths: 3332/58; 2982/3332; 2490/2510; 2302/28
- 16) 10-60 Production Formations: Slate; Br. shale; Slate; Berea
- 17) 10-61 Final Open Flow: 290 mcf/d
- 18) 10-62 Meter Test: S.F.: 314 #
- 19) 10-63 Color Gas Tests: _____
- 20) 10-64 Avg. Daily Gas from Annual Production: No Prod
- 21) 10-65 Avg. Daily Gas from 30-day ending w/1 - 30 days: " "
- 22) 10-66 Line Pressure: None 08/25/2023
- 23) 10-67 Oil Production: No From Completion Report _____
- 24) 10-68 Does lease agreement indicate enhanced recovery being done: No
- 25) 10-69 Is there a well log: Yes
- 26) 10-70 official well record with the Department confirm the submitted information? Yes

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

Date MAR 23 1980 1980

Operator's Well No. 14-1097

API Well No. 47 - 099 - 1259
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 944.84

Watershed N/A

Dist. Grant County Wayne Quad. Wayne

WELL OPERATOR Tug Fork Corporation

ADDRESS P. O. Box 3711
Charleston, W. Va. 25337

GAS PURCHASER Tennessee Gas Pipeline Company

Gas Purchase Contract No. TF-1

ADDRESS P. O. Box 2511
Houston, Texas 77001

Meter Chart Code R0543

Date of Contract 08/17/80

* * * * *

AFFIDAVIT

I, James O. Sayre, having been first sworn according to law, state that, the well is producing natural gas produced from the fractures, micropores and bedding planes of shales deposited during the Paleozoic Devonian Period as generally found in the subsurface of the Appalachian Basin and in the surface out crops around its periphery. For the purposes of this statement, Devonian shale is defined as that shale stratigraphic interval that lies between the base of the Mississippian Berea Sand or, if absent, that of the Osage Series, and the top of the Onondaga limestone formation or its chert equivalent, the top of the Huntersville group of carbonates. I have no knowledge of any information not included in the application which is inconsistent with a conclusion that the well qualifies as a high cost natural gas well.

James O. Sayre
Geologist

STATE OF WEST VIRGINIA,
COUNTY OF Kanawha, TO WIT:

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that James O. Sayre, whose name is signed to the writing above, bearing date the 3rd day of March, 1980, has acknowledged the same before me, in my county aforesaid.

Given under my hand and official seal this 3rd day of March, 1980.

My term of office expires on the 5th day of December, 1985.

Charlotte I. Mathews
Notary Public

[NOTARIAL SEAL]

08/25/2023

C-4

ELECTRIC LOGS

With reference to this well, please note that, at the time of the drilling hereof, neither electric logs nor the technology for logging were available. In lieu of actual electric logs on this well, we hereby refer to the gamma ray log and temperature log of the Columbia Gas Transmission #20402, Permit No. Lincoln 1656. Our geologist(s) submit that these logs are representative of the area and shows the same or similar formations and structures as encountered in the well herein filed for.

Please refer to 107 Tug Fork well certification filing on Well No. 33-497, API No. 47-005-0397 for a copy of the said gamma ray and temperature logs applicable herein.

08/25/2023

RECEIVED

E-4

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, D.C. 20426

JAN 11 1980

IN REPLY REFER TO:
OPPR-N830-A

OIL & GAS DIVISION
DEPT. OF MINES

Robert L. Dodd, Deputy Director
Oil & Gas Division
West Virginia Department of Mines
1613 Washington Street, East
Charleston, West Virginia 25311

JAN 09 1980

10-19-79

Vol. 39, p. 24
Line 5589
e-c

Re: Determination of Maximum
Lawful Price under NGPA
Section 108
Industrial Gas Corporation
F. E. Mathewson 14-1097 Well
SJA No. 790228-108-099-1259
FERC No. JD80-7649

Dear Mr. Dodd:

We have reviewed your determination, filed November 26, 1979, that the referenced well qualifies as a stripper well under Section 108 of the NGPA and have concluded that the filing is incomplete.

Production records submitted with the application indicate that gas production during the 90-day and 12-month periods averaged 73.26 Mcf and 56.46 Mcf per day, respectively. Although the subject well produced at an average rate of less than 60 Mcf per day for the 12-month period, it appears that the well does not meet the requirements for a stripper well under Section 271.804 of the regulations because the average gas production rate during the 90-day period exceeded 60 Mcf per day. We are unable to ascertain the basis for your affirmative determination since there appears to be insufficient evidence in the record to justify qualifying this well as a stripper gas well under Section 108 of the NGPA.

In view of the above, please furnish us with an explanation of your affirmative determination for this well. As an alternative, however, you may wish to consider withdrawing this determination or suggesting to the applicant, Industrial Gas Corporation, that it do so in accordance with the procedures set forth in the Commission's Interim Regulations issued in Docket No. RM79-66 on November 15, 1979.

1-14-80 Write a letter of withdrawal.

Mr. Dodd: Please review and hand back to me as this is our file copy. Thank you

08/25/2023

E-5
Robert L. Dodd

-2-

Since the application does not comply with the minimum filing requirements, the 45-day period for Commission review will not commence until we receive the requested explanatory statement.

Thank you for your continued assistance in these matters.

Very truly yours,

Kenneth A. Williams
Kenneth A. Williams, Director
Office of Pipeline and
Producer Regulation

cc: Industrial Gas Corporation
P.O. Box 1473
Charleston, West Virginia 25325

Houdaille Industries, Inc.
900 9th Avenue, W.
Huntington, West Virginia 25701

Huntington Alloy, Inc.
P.O. Box 1958
Huntington, West Virginia 25720

Libbey-Owens-Ford Co.
LOF Technical Center
1701 E. Broadway
Toledo, Ohio 43605

Owens-Illinois, Inc.
P.O. Box 1035
Toledo, Ohio 43666

08/25/2023

E-6



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

2-1-80.

WALTER N. MILLER
DIRECTOR

ROBERT L. DODD - P. E.
DEPUTY DIRECTOR

January 18, 1980

Industrial Gas Corporation
P. O. Box 1473
Charleston, West Virginia 25325

RE: OPBR-N830-A

Industrial Gas Corp.
Mathewson 14-1097 Well
SJA No. 790228-108-099-1259
FERC No. JD80-7649

Dear Sir:

In accordance with the procedures set forth in the Commission's Interim Regulations issued in Docket No. RM79-66 on November 15, 1979, we suggest the above filing be withdrawn as of this date.

Very truly yours,

Robert L. Dodd, Administrator
Office of Oil and Gas
State of West Virginia

RLD/osh

cc: Federal Energy Regulatory Commission
Houdaille Industries, Inc.
Huntington Alloy, Inc.
Libbey-Owens-Ford Co.
Owens-Illinois, Inc.

Vol. 52. Page 1.
Line #5589-

E-7
RECEIVED

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON 20426

MAR 10 1980

OIL & GAS DIVISION
DEPT. OF MINES

In reply refer to:
OPPR-N830-A

Robert L. Dodd, Deputy Director
Oil & Gas Division
Department of Mines
1613 Washington Street, East
Charleston, West Virginia 25311

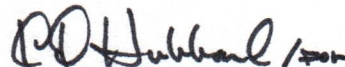
MAR 06 1980

Re: Determination of Maximum
Lawful Price under NGPA
Section 108
Industrial Gas Corporation
F.E. Mathewson 14-1097 Well
SJA No. 790228-108-099-1259
FERC No. JD80-7649

Dear Mr. Dodd:

This is to acknowledge that on January 22, 1980, the Commission received your notice of withdrawal of your above-referenced determination, in response to our letter dated January 9, 1980.

Very truly yours,



Kenneth A. Williams, Director
Office of Pipeline and
Producer Regulation

08/25/2023

E-8

Robert L. Dodd

-2-

cc: Industrial Gas Corporation
P.O. Box 1473
Charleston, West Virginia 25325

Houdaille Industries, Inc.
900 9th Avenue, W.
Huntington, West Virginia 25701

Huntington Alloy, Inc.
P.O. Box 1958
Huntington, West Virginia 25720

Libby-Owens-Ford Co.
LOF Technical Center
1701 E. Broadway
Toledo, Ohio 43605

Owens-Illinois, Inc.
P.O. Box 1035
Toledo, Ohio 43666

