



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.

Gordon A. Fletcher  
COAL OPERATOR OR COAL OWNER  
140 Cedar St., Suite 1215  
New York 6, New York  
ADDRESS

COAL OPERATOR OR COAL OWNER  
ADDRESS

OWNER OF MINERAL RIGHTS  
ADDRESS

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
NAME OF WELL OPERATOR  
P. O. Box 4168, Charleston 4, W. Va.  
COMPLETE ADDRESS

April 19, 1960  
PROPOSED LOCATION  
Grant District

Wayne County  
Well No. 15 (Serial No. 1098) *38° 05' 82° 15' E. 901.27*  
F. E. Mathewson 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 March 10, 1927, made by Frank E. Mathewson & wife, to 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.

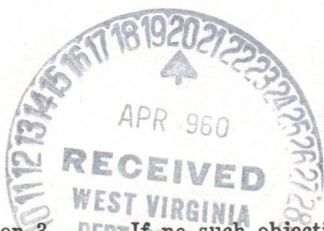
(The next paragraph is to be completed only in Department's copy.)

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

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT  
WELL OPERATOR  
P. O. Box 4168  
STREET  
Charleston 4,  
CITY OR TOWN  
West Virginia  
STATE

Address of Well Operator }



08/25/2023

\*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.





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, LIBBY-OWENS GAS DEPARTMENT

Jordan A. Fletcher

NAME OF WELL OPERATOR

COAL OPERATOR OR OIL WELL OPERATOR

P. O. Box #108, Charleston, W. Va.

140 Cedar St., Suite 1215  
New York, New York

COMPLETE ADDRESS

ADDRESS

10 60

April 19, 1957

PROPOSED LOCATION

LOCAL OPERATOR OR COAL OWNER

District

Grant

DISTRICT

Wayne

OWNER OF MINERAL RIGHTS

Trust

F. B. Mathewson

ADDRESS

STATEMENT

The undersigned well operator is entitled to drill upon the above named land or tract of land for oil and gas having the title thereto, (or as the case may be) under grant or lease dated March 10, 1957

made by Frank E. Mathewson & wife  
Owens Bottle Co. & Libby-Owens Sheet Glass Co.  
and recorded on the 14th day of September, 1957 in the office of the County Clerk for said County in Book 10 page 187

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

The undersigned well operator is informed and believes that there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located or within 300 feet of the bounds of the same who have mapped their workings and filed their maps as required by law, excepting the coal operators of coal owners (if any) above named as addresses

The above named coal operators or coal owners (if any) are notified that any objection they may desire to make to such proposed location or which they are required to make by Section 5 of said Code, if the drilling of a well at said proposed location will cause a dangerous condition in or about their respective workings, 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 plan by said Department. Said coal operators are further notified that failure to file such objections will be construed to their favor 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 plan were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective addresses this day of 1957 on the same day with the mailing or delivery of this copy to the Department of Mines in Charleston West Virginia.

Very truly yours,

OWENS, LIBBY-OWENS GAS DEPARTMENT

WELL OPERATOR

P. O. Box #108

STREET

Charleston, W. Va.

Address

of

Well Operator

CITY OR TOWN

West Virginia

STATE

Section 5 of said Code provides that objections be filed or be found by the Department of Mines within said period of ten days from the receipt of said notice and plan by the Department of Mines to said proposed location. The Department shall forthwith issue to the well operator a drilling permit regarding the drilling of such well, and no objection has been made by the coal operators to the location, or found lacking by the Department, and that the same is approved and the well operator authorized to proceed to drill at said location.

Permit Number

08/25/2023



Formation	Color	Hard or Soft	Top 19	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand, Bro.	Dark	Med.	900	915			
Sand	White	Hard	915	978	Gas show at 935'		173 cu.ft.
					Gas 937'		1095 cu.ft.
					6-1-60		360 MCF
					Gas 972'		259 MCF
					Gas 975'		
					Test 978'		
					6-2-60		
					Installed 8-5/8" csg. at 978' with "Oilwell" Bottom Hole Pkr. & Parmaco Anchor Pkr. set at 926-930		
Sand	Grey	Med.	978	983			
Sand	--	--	983	998			
Salt Sand	Dark	Hard	998	1020	Settling Sand & water, 998-1015'		109 MCF
					Test in 12 Hrs.		
Sand	Dark	Hard	1020	1031			
Slate Break	Dark	Med.	1031	1049			
Slate	Dark	Soft	1049	1072			
Sand	Dark	Med.	1072	1095			
Settling Sand	White	Hard	1095	1125	Water 1095-1110', hole full		Gas completely drowned out
Sand	White	Med.	1125	1160			
Sand	White	Hard	1160	1192			
Slate	Dark	Med.	1192	1222			
Sl & Shls	Dark	Med.	1222	1253			
Bro. Sand	Dark	Med.	1253	1287	Water level 370' at 1282		
Sand	White	Med.	1287	1337			
Slate	Dark	Med.	1337	1347			
Sand, Bro.	Dark	Med.	1347	1354			
Sand	Dark	Med.	1354	1385			
Maxton Sand	Light	Med.	1385	1414			
Slate	Dark	Med.	1414	1421			
Little Lime	Black	Hard	1421	1462			
Big Lime	White	Hard	1462	1477			
Slate Break	Dark	Med.	1477	1480			
Big Lime	White	Hard	1480	1570	6-18-60		
					Installed 7" csg. at 1490' with "Oilwell" Gas Anchor Pkr. set from 981 to 985 and "Oilwell" Midget Bottom Hole Pkr. set from 1488 to 1490'		
					30 Min. after blowing well: 1162 cu.ft.		
					Gas at 1548'		59.1 MCF
Gritty Lime	Dark	Hard	1570	1576			
Lime	Dark	Hard	1576	1593	Test 1583'		29.3 MCF
					Gas 1593'		44.3 MCF
					Gas 1610'		49.5 MCF
					Gas 1618'		52. MCF
Lime	Dark	Med.	1593	1622			
Lime	Dark	Hard	1622	1641			
Grey Injun	Dark	Hard	1641	1645			
Grey Injun	Dark	Med.	1645	1660			
Red Rock	Red	Med.	1660	1676	6-27-60		
Grey Injun	Grey	Med.	1676	1720	Test 28-39 Hrs.		31.3 MCF
Slate	Dark	Soft	1720	1723	6-29-60		
Slate	Dark	Med.	1723	1930	Test 1930'		23.5 MCF
					SIM 1930 = Sand IM 1931		
Sl & Shls	Dark	Med.	1930	1961			
Slate	Dark	Med.	1961	2073			
Lime Shells	Grey	Hard	2073	2089			
Slate	Dark	Med.	2089	2215			
Br. Shale	Dark	Med.	2215	2218			
Br. Shale	Brown	Med.	2218	2254			
Berea	Grey	Hard	2254	2285			
Berea	Dark	Hard	2285	2288	Daily tests 1951-2288'		22.1 MCF
					SIM 2288 = Sand IM 2289		
					Test 2288'		19.2 MCF
Sl & Shls	White	Med.	2288	2304			

08/25/2023

Date August 9, 1960

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

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





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 19

Quadrangle Wayne  
Permit No. Way-1275

WELL RECORD

Oil or Gas Well GAS  
(KIND)

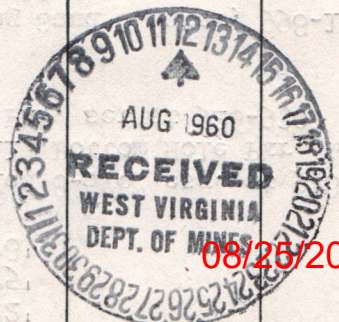
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4168, Charleston, W. Va.  
Farm F. E. Mathewson Acres 151.4  
Location (waters)  
Well No. 15 (Serial No. 1098) Elev. 901.27  
District Grant County Wayne  
The surface of tract is owned in fee by  
Address  
Mineral rights are owned by Lessor  
Address  
Drilling commenced 5-16-60  
Drilling completed 7-22-60  
Date Shot 7-26-60 From 2750 To 3067  
With 3000# Trojan Powder  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Big Lime 16 MCF; Br. Shale 317 M Cu. Ft.  
Rock Pressure B.L. 210; Br. Sha. 240#24 hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water 25-35' feet 240-250' feet  
Salt water 998-1015 feet 1095-1110 feet

Casing and Tubing Size	Used in Drilling	Left in Well	(KIND)
16			Parmaco Anchor Pkr. 8-5/8x10-3/4x16 Packers 926-930
13			"Oilwell" Bottom Hole 8-5/8x10-3/4x16 974-978
10-3/4	301'1"	301'1"	"oilwell" Gas Anchor 7x8-5/8x16 981-985
8x5/8	977'10"	977'10"	Midget Bottom Hole 7x8-5/8x8 1488-1490
8x7	1489'5"	1489'5"	Depth set
5 3/16			Perf. top 967
3-1/2	----	2273'5"	Perf. bottom 974
2			Perf. top
Liners Used			Perf. bottom

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

COAL WAS ENCOUNTERED AT 40 FEET 24 INCHES  
190 FEET 48 INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Light	Soft	0	15			
Slate	Light	Soft	15	40	Water 25-35', 1/2 BPH		
Coal	Dark	Soft	40	42			
Slate	Light	Soft	42	100			
Sand	White	Soft	100	110			
Sand	Grey	Med.	110	175			
Sand	Dark	Med.	175	190			
Coal	Blue	Med.	190	194			
Slate	Dark	Med.	194	215			
Slate	Light	Soft	215	240			
Sand	White	Med.	240	260	Water 240-250', 2 BPH		
Sand	Grey	Med.	260	301			
Sand	Light	Hard	301	316	Water in sand, enough to drill with 5-20-60 Installed 10-3/4" csg. at 301' on shoe		
Slate	Dark	Soft	316	339			
Slate	Dark	Med.	339	369			
Slate	Light	Soft	369	390			
Sand	White	Med.	390	415			
Slate	Dark	Med.	415	440			
Sand	White	Med.	440	470			
Slate	Dark	Med.	470	490			
Sl & Shls	Light	Med.	490	565			
Slate	Dark	Med.	565	600			
Sand	Grey	Med.	600	615			
Slate	Dark	Med.	615	640			
Slate	Dark	Soft	640	660			
Sand	White	Solid	660	705			
Sand	White	Med.	705	715			
Slate	Dark	Med.	715	755			
Sand	White	Med.	755	767			
Sand	White	Hard	767	798			
Sl & Shls	Dark	Med.	798	832			
Slate	Dark	Med.	832	900	5-27-60 Water, 64 gal. in 17 Hrs.		











STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 19A

Quadrangle Wayne  
Permit No. Way-1275

**WELL RECORD**  
CONTINUED

Oil or Gas Well GAS  
(KIND)

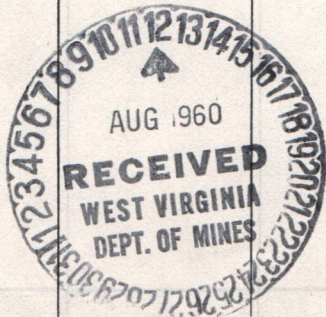
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4168, Charleston, W. Va.  
Farm F. E. Mathewson Acres 151.4  
Location (waters) \_\_\_\_\_  
Well No. 15 (Serial No. 1098) Elev. 901.27  
District Grant County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
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			Kind of Packer
16			
13			Size of
10			Depth set
8 1/4			Perf. top
6 5/8			Perf. bottom
5 3/16			Perf. top
3			Perf. bottom
2			
Liners Used			

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

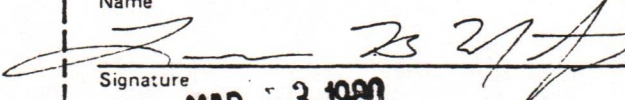
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sl & Shls	Light	Med.	2304	2332			
Br. Shale	Brown	Med.	2332	2378			
Br. Shale	Dark	Med.	2378	2388			
Slate	Light	Med.	2388	2407			
Slate	White	Med.	2407	2612			
Slate	Dark	Med.	2612	2673			
Shell	Dark	Hard	2673	2684			
Slate	Dark	Med.	2684	2789			
Shale	Dark	Med.	2789	3115	SIM 2918 = Sand IM 2912		
					Test 2896'		19.2 MCF
					Gas 2931'		83. MCF
					7-20-60		
					Gas 2980'		268. MCF
					Gas 3025'		277. MCF
					7-26-60		
					Shot well with 3000# Trojan Powder from 2750 to 3067 (12:02 P.M.)		
					Test Before Shot:		294. MCF
					" 15 Min. After Shot:		489. MCF
					" 1 Hr. " "		386. MCF
					" 23 Hrs. " "		316. MCF
					7-27-60		
					Installed 3 1/2" tubing at 2272' with "Oilwell" Hookwall Pkr. set 2272-2268		
					Final Open Flow:		
					Big Lime		16. MCF
					Br. Shale		37. MCF
							333. MCF
					7-27-60		
					Shut-in in 3 1/2" tbg. at 6:03 P.M. 30 Hrs. after shot.		





FERC-121

1.0 API well number: (If not available, leave blank. 14 digits.)	<u>47-099-1275</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> Name		<u>N/A</u> Seller Code		
	<u>P. O. Box 3711</u> Street				
	<u>Charleston</u> City	<u>WV</u> State	<u>25337</u> 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>F.E. Mathewson</u>		<u>15-1098</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> Name		<u>018629</u> Buyer Code		
(b) Date of the contract:	<u>0 8 1 7 8 0</u> Mo. Day Yr.				
(c) Estimated annual production:	<u>28.3</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>3.24</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>3.24</u>	<u>0.0</u>	<u>2.728</u>
9.0 Person responsible for this application:	<u>Lawrence B. Mentzer</u> Name				
Agency Use Only	<u>Corporate Attorney</u> Title				
Date Received by Juris. Agency	 Signature				
Date Received by FERC	<b>MAR 3 1980</b>		<u>(304) 342-8166</u> Phone Number		
	Date Application is Completed		<b>08/25/2023</b>		



**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:



AUG 12 1980

DATE: \_\_\_\_\_  
WELL NO.: \_\_\_\_\_  
OPERATOR: Tug Fork Corp. \_\_\_\_\_  
LESSOR: Tennessee Gas Pipeline Co. \_\_\_\_\_  
FILE NO.: \_\_\_\_\_

NA  
D18629

Department of Mines, Oil & Gas Division  
WELL DETERMINATION FILE NUMBER  
20331-107-099-1275  
Above File Number on all Communications  
Relating to Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NONE IF NOT SO INDICATE

2V-1  State not completed - Date No. \_\_\_\_\_  
2V-1 Agent Lawrence B. Mentzer  
2V-2 Well Permit \_\_\_\_\_  
2V-3 Well Plat   
2V-35 Well Record  Drilling  Seeping \_\_\_\_\_  
2V-36 Gas-Oil Test: Gas Only \_\_\_\_\_ Gas Oil Produced? \_\_\_\_\_ Ratio \_\_\_\_\_  
2V-38 Annual Production No Production  
2V-40 30 day Production \_\_\_\_\_ Days off line: \_\_\_\_\_  
2V-38 Application for certification:  \_\_\_\_\_  
2V-38 Form 101 - 102 - 103 - 104 - 105 - 106 - 107 - 108  \_\_\_\_\_  
2V-38 Survey \_\_\_\_\_ Tests \_\_\_\_\_ Test Log Reports \_\_\_\_\_  
Structure Map \_\_\_\_\_ Test Map \_\_\_\_\_ Well Test Records \_\_\_\_\_  
Gas Analyses \_\_\_\_\_

3) Date completed: 5/16/60 Date completed 7/26/60 \_\_\_\_\_  
4) Production Depth: 2789/3115; 2285/88; 1723/1930; 1593/1622  
5) Production Formation: Shale; Berea; slate; Lime  
6) Final Open Flow: 317 mcf/d  
7) Meter Test: S.F. 240#  
8) Other Gas Tests: \_\_\_\_\_  
9) Avg. Daily Gas from Annual Production: No Prod  
10) Avg. Daily Gas from 30-day ending w/1 - 120 days: " " " 08/25/2023  
11) Mine Pressures: None \_\_\_\_\_  
12) Oil Production: No From Completion Report \_\_\_\_\_  
13) Does lease agreement indicate enhanced recovery being done: No  
14) Is well being operated:  \_\_\_\_\_  
15) Official well record with the Department confirm the submitted info: Yes



MAR 3 1980

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

Date \_\_\_\_\_, 19\_\_

Operator's Well No. 15-1098

API Well No. 47 - 099 - 1275  
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 901.27

Watershed N/A

Dist. Grant County Wayne Quad. Wayne

Gas Purchase Contract No. TF-1

Meter Chart Code R0543

Date of Contract 08/17/80

WELL OPERATOR Tug Fork Corporation

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

GAS PURCHASER Tennessee Gas Pipeline Company

ADDRESS P. O. Box 2511  
Houston, Texas 77001

\* \* \* \* \*

AFFIDAVIT

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

James O. Sayre  
Geologist

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

I, Charlotte I. Mathews, a Notary Public in and for the state and county aforesaid, do certify that James O. Sayre, whose name is signed to the writing above, bearing date the 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]

08/25/2023



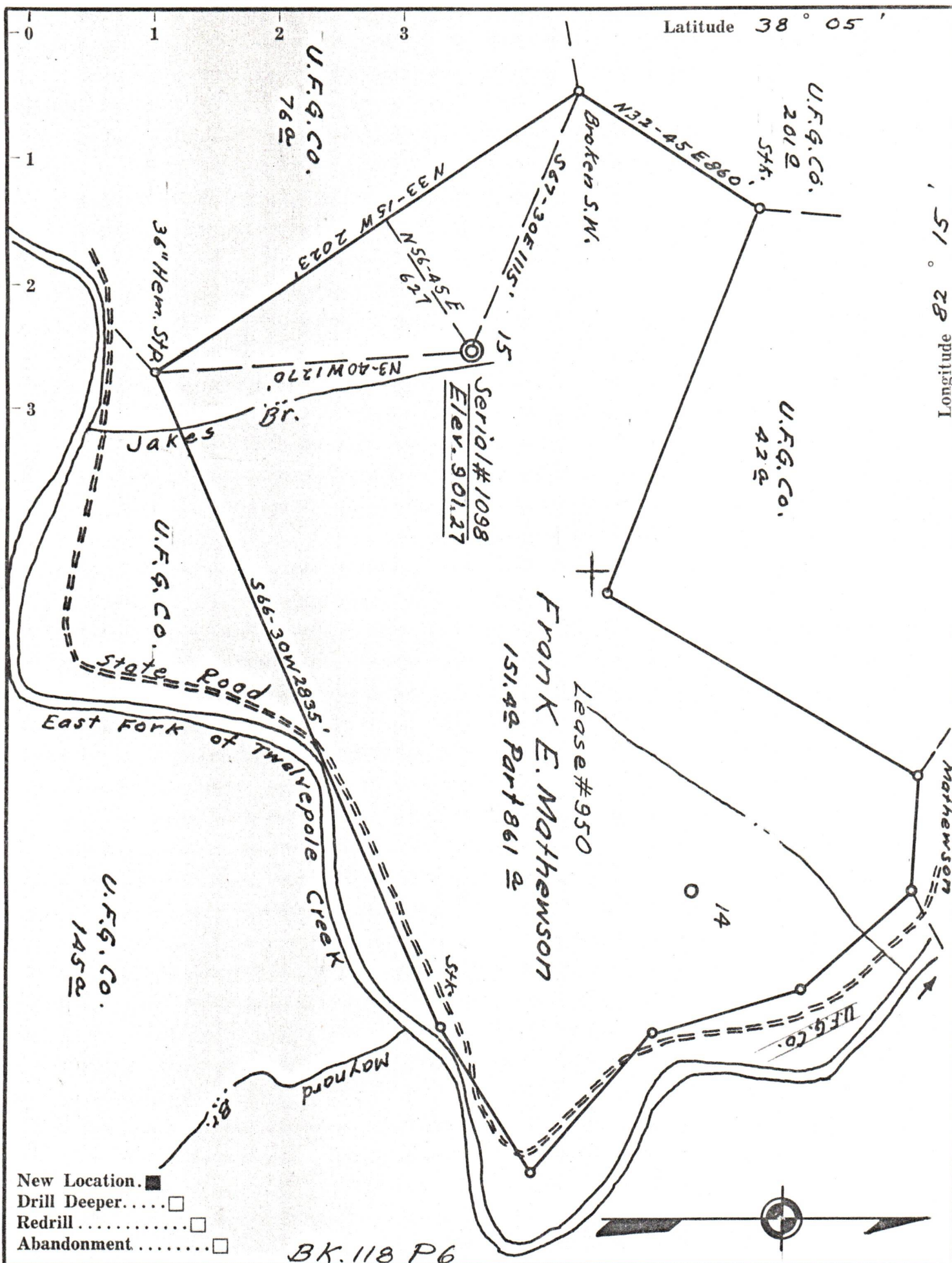
ELECTRIC LOGS

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

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

08/25/2023





Company Owens, Libbey Owens Gas Dept.  
 Address Box 4168 Charleston 4 W. Va.  
 Farm Frank E. Mathewson  
 Tract \_\_\_\_\_ Acres 151.4 Lease No. 950  
 Well (Farm) No. 15 Serial No. 1098  
 Elevation (Spirit Level) 901.27  
 Quadrangle Wayne  
 County Wayne District Grant  
 Engineer T.S. Flournoy  
 Engineer's Registration No. 269  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Mar. 22, 1960 Scale 1" = 500 Ft.

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

WELL LOCATION MAP  
 FILE NO. WAY-1275

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

08/25/2023

BK. 118 P6