



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF PROPOSED LOCATION OF OIL AND GAS WELL

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

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

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

COAL OPERATOR OR COAL OWNER
ADDRESS

July 17, 1963
PROPOSED LOCATION
Grant District

OWNER OF MINERAL RIGHTS
ADDRESS

Wayne County
Well No. 83 (Serial No. 1192)
Wilson Coal Land Co. Farm
9937

Handwritten note: Elev. 1165.05'

GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated December 17, 1936, made by J. Rummell Anderson & Thomas B. Jackson, Special Commissioners, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 23rd day of December, 1936, in the office of the County Clerk for said County in Book 188, page L-33.

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

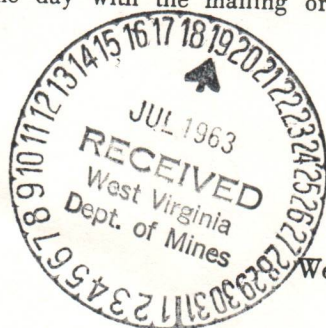
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting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

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

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

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

Very truly yours,



Address of Well Operator

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

10/27/2023

*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.

BLANKET BOND

1466 WAY-1466 PERMIT NUMBER



DEPARTMENT OF HEALTH AND HUMAN SERVICES
CENTERS FOR DISEASE CONTROL AND PREVENTION

NOTICE OF PROPOSED ACTION OF THE BOARD OF HEALTH

WHEREAS, the Board of Health of the City of Charlottesville, Virginia, has received a petition from the Charlottesville Area Health Department, Inc. (CAHD) for the purpose of amending the Charter of the City of Charlottesville, Virginia, to provide for the establishment of a Health Department, and

and whereas, the Board of Health has considered the petition and has determined that it is in the best interests of the City of Charlottesville, Virginia, to grant the petition;

and whereas, the Board of Health has determined that the proposed action is in the best interests of the City of Charlottesville, Virginia, and that it is in the public interest to grant the petition;

and whereas, the Board of Health has determined that the proposed action is in the best interests of the City of Charlottesville, Virginia, and that it is in the public interest to grant the petition;

and whereas, the Board of Health has determined that the proposed action is in the best interests of the City of Charlottesville, Virginia, and that it is in the public interest to grant the petition;

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10/27/2023

BLANKET BOND

XXXXXXXXXX
XXXXXX

July 29, 1963
"Centennial Year"

Acting xxxx

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

Att: Mr. A. H. Smith

Gentlemen:

Enclosed is Permit WAY-1466 for drilling Well
No. 83-S-1192 on the Wilson Coal Land Company Lease,
Grant District, Wayne County.

Very truly yours,

Executive Secretary
OIL AND GAS DIVISION

GW/jb
enclosure

cc: Mr. Kenneth E. Butcher, Inspector

Mr. R. C. Tucker, Assistant State
Geologist

10/27/2023

Formation	Color	Hard or Soft	Top 29	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime	Grey	Med.	1417	1450			
Lime, Bro.	Dark	Hard	1450	1470			
Slate	Dark	Soft	1470	1476			
Sand	Dark	Med.	1476	1522			
Lime	Dark	Hard	1522	1532			
Sand	White	Hard	1532	1538			
Slate	Dark	Soft	1538	1545			
Shells	Dark	Hard	1545	1548			
Sl. & Shls.	Dark	Med.	1548	1560			
Red Rock	Red	Soft	1560	1570			
Sl. & Shls.	Dark	Soft	1570	1576			
Slate	Dark	Soft	1576	1598			
Little Lime	Dark	Hard	1598	1631			
Big Lime	White	Hard	1631	1648			
Big Lime	White	Hard	1648	1785	9-14-63 Installed 7" casing at 1648' on Larkin Casing Shoe set in red clay with 2 centralizers. Gas 1746-48 Gas 1750 Gas 1758 Gas 1763		245 cu. ft. 424 cu. ft. 16.7 M 35.0 M
Big Lime	White	Hard	1785	1810			
Grey Injun	Grey	Med.	1810	1815			
Lime	Dark	Hard	1815	1830			
Red Injun	Red	Med.	1830	1872			
Grey Injun	Grey	Med.	1872	1920			
Sl. & Shls.	Grey	Med.	1920	1960			
Shells	Dark	Hard	1960	1976			
Sl. & Shls.	Dark	Med.	1976	2279			
Slate	Dark	Soft	2279	2321			
Sl. & Shls.	Grey	Med.	2321	2345			
Slate	Dark	Soft	2345	2382			
Coffee Shale	Brown	Soft	2382	2410	SIM 2410 = Sand IM 2410		
Berea Grit	Grey	Hard	2410	2425	Gas 2410, Gas 2413, Gas 2420,		23.7 M 27.3 M 28.0 M
Berea Grit, bro. Grey	Grey	Med.	2425	2450			
Berea Grit	Grey	Hard	2450	2470	Gas 2457, Gas 2464,		29.0 M 33.2 M
Slate & Shells	Grey	Med.	2470	2475			
Shells	Dark	Hard	2475	2483			
Sl. & Shls.	White	Med.	2483	2500			
Brown Shale	Brown	Med.	2500	2576	Test 2576,		31.3 M
Slate	White	Med.	2576	2743			
Sl. & Shls.	Grey	Med.	2743	2778			
Slate	Light	Soft	2778	2790			
Br. Shale	Brown	Soft	2790	2985			
Slate	White	Soft	2985	3043			
Br. Shale	Brown	Soft	3043	3363	Gas 3102, Gas 3211, Gas 3334, Test 3383, SIM 3383 = Sand IM 3380		35.0 M 36.7 M 36.7 M 36.7 M
Slate	White	Soft	3363	3383			
Total Depth			3383	3383			
					King Torpedo Co. shot the Shells & Brown Shale from 2500 to 3383 with 8400# Gas Well "B" Trojan Powder. Shot went off at 1:00 P.M. Tests: 15 Min. A.S. 1605 M 1 Hr. A.S. 567 M 16 Hrs. A.S. 214 M 23 Hrs. A.S. 208 M		
					10-18-63 Installed 3-1/2" tubing at 2456' with a Parmaco upside-down packer set from 2450 to 2456 ft.		10/27/2023
Tests after tubing: Big Lime & Berea Brown Shale				29 M 188 M			

Date November 27, 1963

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 28

Quadrangle WAYNE

Permit No. WAY-1466

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston, W. Va. 25403
Farm Wilson Coal Land Co. Acres 9872.23

Location (waters) _____
Well No. 83 (Serial 1192) Elev. 1165.63
District Lincoln County Wayne

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Owens, Libbey-Owens Gas Department
Address _____

Drilling commenced 8-20-63
Drilling completed 10-12-63
Date Shot 10-15-63 From 2500 To 3383
With 8400# Gas Well "B" Powder

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume B.L. & Berea 29 M; Br. Shale 188 M Cu. Ft.
Rock Pressure Bl&Ber 406# lbs. 217 MCF hrs.
Oil Shale 315# bbls., 1st 24 hrs.

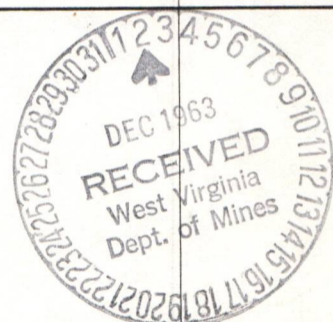
WELL ACIDIZED _____
WELL FRACTURED _____

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____
Fresh Water _____ Feet Salt Water _____ Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			B.H. & Upside Down
13			Size of <u>8-5/8x10x16</u>
10			<u>7 x 3 x 16</u>
8 1/2 5/8	555' 4"	555' 4"	Depth set <u>554, 2450</u>
6 3/4 7"	1647' 9"	1647' 9"	
5 3/16			Perf. top _____
3 -1/2	2456' 10"	2456' 10"	Perf. bottom _____
2			Perf. top _____
Liners Used			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	Remarks
Surface	Brown	Soft	0	13			
Slate	White	Soft	13	50			
Sand	Light	Soft	50	70			
Slate	Grey	Soft	70	90			
Sand	Light	Med.	90	280			
Sand, Bro.	Light	Soft	280	366			
Sand	Grey	Med.	366	409			
Sand	Light	Soft	409	532			
Sand	Light	Soft	532	544			
Lime	Dark	Med.	544	554			
Slate	Dark	Med.	554	560			
Sl. & Shls.	Dark	Med.	560	599			
Sand	Grey	Med.	599	673			
Slate	Grey	Med.	673	716			
Sand	Dark	Med.	716	734			
Slate	Dark	Med.	734	877			
Slate	Dark	Soft	877	940			
Sand	White	Med.	940	972			
Slate	Dark	Soft	972	1020			
Sand	Dark	Med.	1020	1040			
Sand, Bro.	Dark	Med.	1040	1135			
Salt Sand	Light	Med.	1135	1179			
Sand, Bro.	Dark	Med.	1179	1230			
Slate	Dark	Soft	1230	1253			
Sand	Light	Hard	1253	1355			
Lime	Light	Hard	1355	1361			
Slate	Dark	Med.	1361	1376			
Sand	Dark	Med.	1376	1407			
Slate	White	Soft	1407	1417			



Installed 8-5/8" casing at 554' on bottom hole packer

Water 1253-1257, h **10/27/2023**
Water Sand settled 1282-1327
Water, hole full at 1307'

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-1466

Oil or Gas Well _____
(KIND)

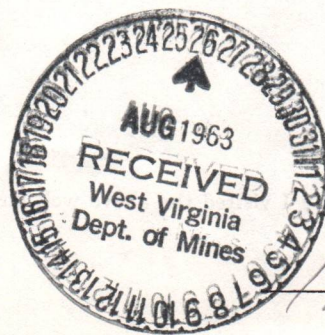
Company	Address	Farm	Well No.	District	County	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
						Size			Kind of Packer
<u>Owens - Gibby - Owens</u>	<u>Charleston, WVA</u>	<u>Wilson Coal Land Co.</u>	<u>83</u>	<u>Lincoln</u>	<u>Wayne</u>	<u>16</u>			
						<u>13</u>			
						<u>10</u>			Size of _____
						<u>8 1/4</u>			
						<u>6 5/8</u>			Depth set _____
						<u>5 3/16</u>			
						<u>3</u>			Perf. top _____
						<u>2</u>			Perf. bottom _____
						Liners Used _____			Perf. top _____
									Perf. bottom _____

Volume _____ Cu. Ft.	CASING CEMENTED _____	SIZE _____	No. FT. _____	Date _____
Rock pressure _____ lbs. _____ hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Oil _____ bbls., 1st 24 hrs.	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Contr. Clifford Mills Cable tools

Remarks: Rigging up



H. E. Butcher

DISTRICT WELL INSPECTOR

8-16-63

DATE

10/27/2023

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 _____

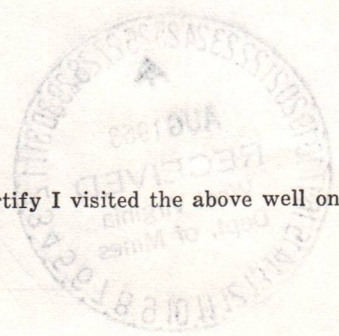
Liner		Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks: _____

_____ I hereby certify I visited the above well on this date.

DATE



DISTRICT WELL INSPECTOR
10/27/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-1466

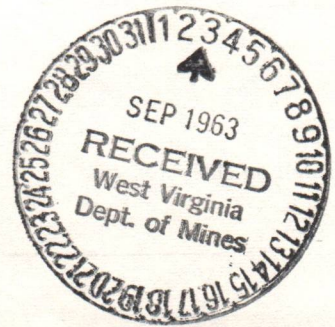
Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
				Kind of Packer
<u>Awens - Libby Awens</u>	Size			
Address <u>Charleston</u>	16			
Farm <u>Wilson coal land co.</u>	13			
Well No. <u>83</u>	10			Size of
District <u>Lincoln</u> County <u>Wayne</u>	8 1/4			
Drilling commenced <u>8-24-63</u>	6 5/8			Depth set
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top
Volume _____ Cu. Ft.				Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Fresh water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Melvin Hayes

Remarks: Contr. Clifford Mills Cable tools
Total depth 409-

8-28-63
DATE



H. E. Butcher
DISTRICT WELL INSPECTOR
10/27/2023

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

Permit No. _____

Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

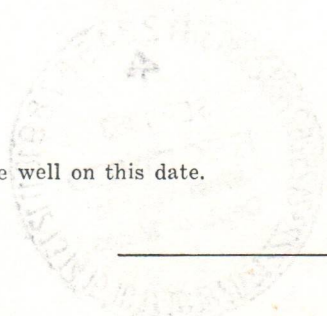
Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

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



DISTRICT WELL INSPECTOR
10/27/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

INSPECTOR'S WELL REPORT

Permit No. Way-14664

Oil or Gas Well _____
(KIND)

Company <u>Owens-Libby-Owens</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Charleston, W Va</u>	Size			
Farm <u>Wilson Coal & Land Co.</u>	16			Kind of Packer _____
Well No. <u>83</u>	13			
District <u>Lincoln</u> County <u>Wayne</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

*12/16/63
gn*

Final inspection for bond release.

12-16-63
DATE



K. C. Butcher
DISTRICT WELL INSPECTOR

10/27/2023

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			
PLUGS USED AND DEPTH PLACED			BRIDGES		CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION		RECOVERED	SIZE	LOST

Drillers' Names _____

Remarks:

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

DISTRICT WELL INSPECTOR
10/27/2023

W.F. Eigenbrod
Director

December 17, 1963
"Centennial Year"

Mr. A. H. Smith
Owens, Libbey-Owens Gas Department
P. O. Box 4168
Charleston, West Virginia

Dear Mr. Smith:

The final inspection report for your Well No. 83-Sr-1192 on the Wilson Coal and Land Company Farm, Lincoln District, Wayne County, has been received in our office. This drilling was done under Permit WAY-1466.

As our Inspector, Mr. Kenneth Butcher, reports that everything is in good order, we are releasing this well under the Blanket Bond by which it is covered.

Yours very truly,

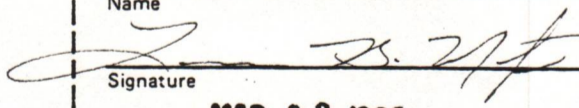
Gurmer Wamock
Deputy Director
OIL AND GAS DIVISION

sm

10/27/2023

RECEIVED
MAR 31 1980

OIL & GAS DIVISION
DEPT. OF MINES
Category Code

1.0 API well number: (If not available, leave blank. 14 digits.)	47- 099-1466						
2.0 Type of determination being sought: (Use the codes found on the front of this form.)	107 Section of NGPA						
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.)	Tug Fork Corporation Name P. O. Box 3711 Street Charleston WV 25337 City State Zip Code			N/A 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 WV County State						
(b) For OCS wells:	NA Area Name 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.)	Wilson Coal Land Co. 83-1192						
(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.)	Tennessee Gas Pipeline Company Name			018629 Buyer Code			
(b) Date of the contract:	0 8 1 7 8 0 Mo. Day Yr.						
(c) Estimated annual production:	23.0 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.)	2.404	.324	0.0	2.728			
8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)	2.404	.324	0.0	2.728			
9.0 Person responsible for this application:	Lawrence B. Mentzer Corporate Attorney Name Title  Signature MAR 03 1980 Date Application is Completed (304) 342-8166 Phone Number						
<table border="1"> <tr> <td>Agency Use Only</td> </tr> <tr> <td>Date Received by Juris. Agency MAR 21 1980</td> </tr> <tr> <td>Date Received by FERC</td> </tr> </table>					Agency Use Only	Date Received by Juris. Agency MAR 21 1980	Date Received by FERC
Agency Use Only							
Date Received by Juris. Agency MAR 21 1980							
Date Received by FERC							

ADDRESSES:

DATE:

EXPER-SEALER CODE

AUG 14 1980

WELL OPERATOR: Tug Fork Corp.

NA

FIRST PURCHASER: Tennessee Gas Pipeline Co.

01862

OTHER: _____

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

700331.107.099.1466

Use 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 Reopering _____

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?

10. IV Form #31 - 32 - 33 - 34 - 35 - 36 - 37 - 38 Completed?

11. Colors: Survey _____ Maps _____ Geological Charts: _____
 Structure Map _____ 1:25000 Map _____ Well Log Patterns _____
 Gas Analyses _____

(5) Date commenced: 8/20/63 Date completed 10/15/63 Reported _____

(5) Production Depths: 3043/3363; 2450/70; 2410/25; 1648/1785

(5) Production Formations: Br. Shale; Berea Grit; _____; Big Lim

(5) Final Open Flow: 217 mcf/d

(5) After Free. P.P. 406 #

(5) Other Gas Tests: _____

(5) Avg. Daily Gas from Annual Production: No Prod

(5) Avg. Daily Gas from 90-day ending w/1 - 120 Days " "

(5) Line Pressures: None

(5) Oil Production: No From Completion Report

17) Does lease inventory indicate enhanced recovery being done No

17) Is affidavit signed _____

Official well record with the Department confirm the submitted information? Yes

Additional Information: _____ Does computer program confirm? _____

PL

10/27/2023

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

Date 1985 19

Operator's Well No. 83-1192
API Well No. 47 - 099 - 1466
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

WELL OPERATOR Tug Fork Corporation
ADDRESS P. O. Box 3711
Charleston, W. Va. 25337

LOCATION: Elevation 1165.63
Watershed N/A
Dist. Lincoln County Wayne Quad. Wayne

GAS PURCHASER Tennessee Gas Pipeline Company
ADDRESS P. O. Box 2511
Houston, Texas 77001

Gas Purchase Contract No. TF-1
Meter Chart Code R0002
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]

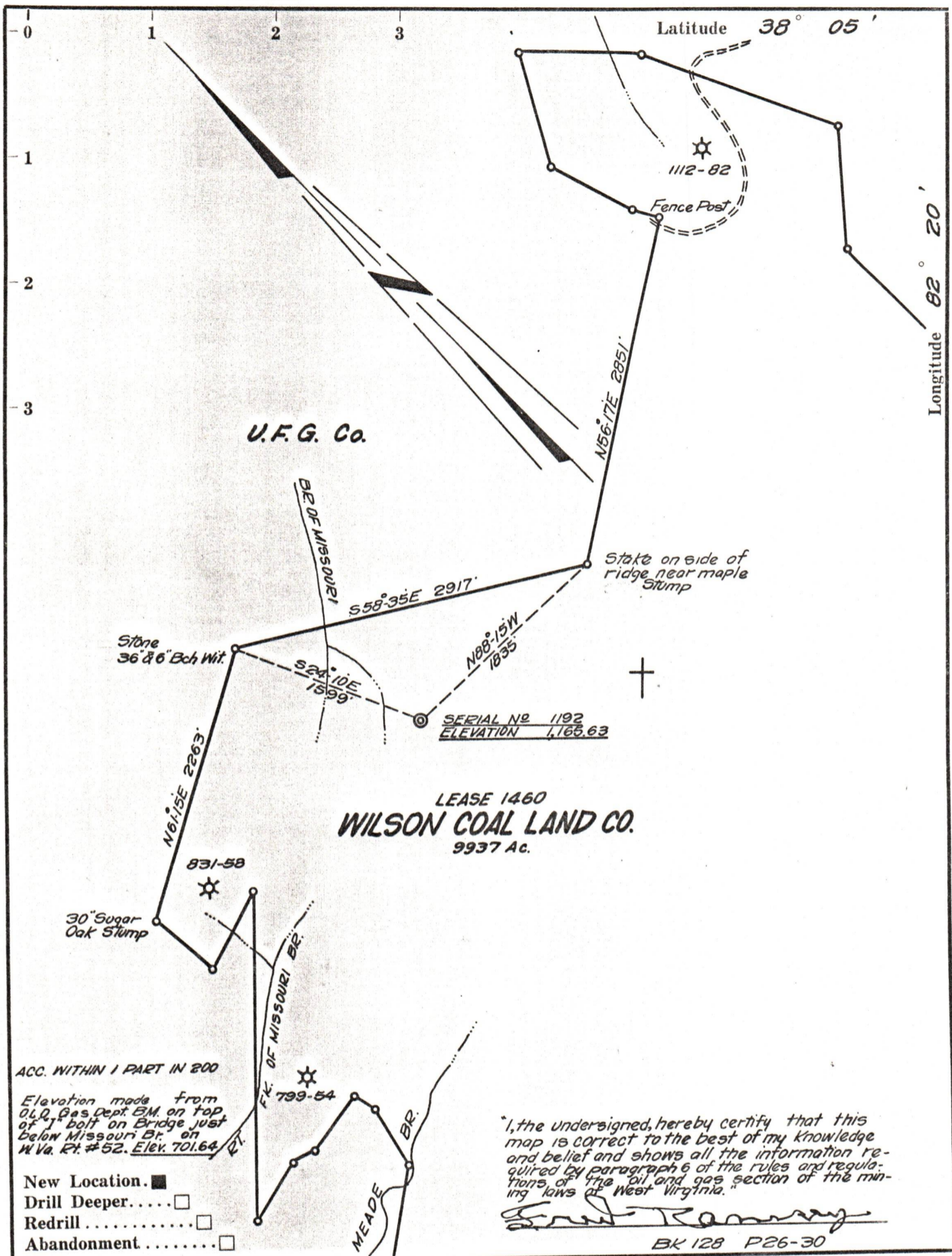
10/27/2023

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 Caldwell & Colton Min. #20,289-T, Permit No. Wayne 1581. 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. 3-521, API No. 47-099-0019 for a copy of the said gamma ray and temperature logs applicable herein.

10/27/2023



"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Ernest Ramsey
 BK 128 P26-30

Company OWENS, LIBBEY-OWENS GAS DEPT.
 Address BOX 4168 CHARLESTON, W.VA.
 Farm WILSON COAL LAND CO.
 Tract _____ Acres 9937 Lease No. 1460
 Well (Farm) No. 83 Serial No. 1192
 Elevation (Spirit Level) 4,165.63
 Quadrangle WAYNE
 County WAYNE District LINCOLN
 Engineer Ernest Ramsey
 Engineer's Registration No. 1540
 File No. _____ Drawing No. _____
 Date JULY 16, 1963 Scale 1" = 1000 FT.

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

WELL LOCATION MAP
 FILE NO. WAY-1766 10/27/2023

+ 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.