



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.

Ed Workman, etl.
COAL OPERATOR OR COAL OWNER

Wayne, W. Va.
ADDRESS

COAL OPERATOR OR COAL OWNER

ADDRESS

OWNER OF MINERAL RIGHTS

ADDRESS

Owens-Libbey-Owens Gas Department
NAME OF WELL OPERATOR

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

December 8, 1948, 19

PROPOSED LOCATION

Butler District

Wayne County

Well No. 1 (S-795) ^{38° 15'} _{82° 35'}

G. W. Workman Jr. 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 April 15, 1929, made by Ed Workman, etl., to Owens-Bottle Co. & Libbey-Owens Sheet Glass Co., and recorded on the 4th day of June, 1929 (Now Owens-Illinois Glass Company & Libbey-Owens Ford Glass Co.), in the office of the County Clerk for said County in Book 13, page 362.

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.

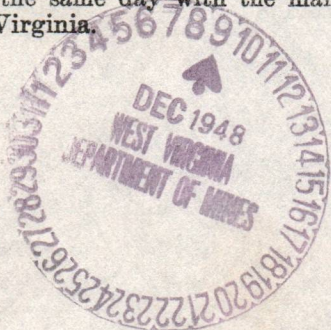
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting 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 xxxxxxxx~~ ~~xx~~ 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

Box 4158

STREET

Charleston, 14/17/2023

CITY OR TOWN

W. Va.

STATE

*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-Libbey-Owens Gas Department
NAME OF WELL OPERATOR

COAL OPERATOR OR COAL OWNER

Ed Workman, et al.

Box 1158, Charleston, W. Va.
COMPLETE ADDRESS

Wayne, W. Va.
ADDRESS

December 8, 1928
PROPOSED LOCATION

COAL OPERATOR OR COAL OWNER

Butler
District

ADDRESS

Wayne
County

OWNER OF MINERAL RIGHTS

Well No. 1 (S-755)
830 22

ADDRESS

Rain
Name

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 April 15, 1928 to _____ made by Ed Workman, et al.

Owens-Bottle Co. & Libbey-Owens Sheet Glass Co., and recorded on the 14th day of June, 1929, in the office of the County Clerk for said County in _____ (Now Owens-Illinois Glass Company & Libbey-Owens Ford Glass Co.)

Book 13, page 368
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 and County above named, determined by survey and courses and distances from two permanent points of 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 addresses _____ on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

WELL OPERATOR

Box 1158

STREET

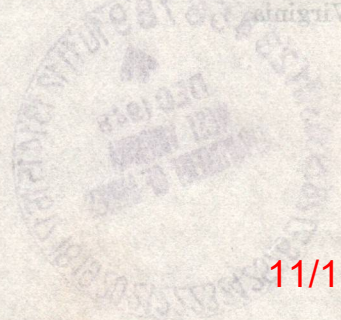
Charleston, W. Va.

CITY OR TOWN

W. Va.

STATE

Address of Well Operator



11/17/2023

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 time of such permit, and no objections have been made by the coal operators to the location or found therein by the department, and that the same is approved and the well operator authorized to proceed to drill at said location.

PERMIT NUMBER

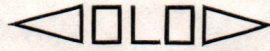
WAY-348

11/17

JANETTY PRYOR COMPANY, CHARLESTON, W. VA.

OWENS, LIBBEY-OWENS GAS DEPARTMENT

CHARLESTON 4, WEST VIRGINIA



December 8, 1948

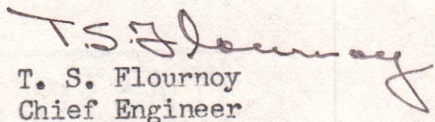
Department of Mines
Oil and Gas Division
State of West Virginia
Charleston - 5 - W. Va.

Gentlemen:

We are enclosing Notice of Proposed Location and location plat for our Well No. 795. This is Well No. 1 on the G. W. Workman Heirs tract situated in Butler District, Wayne County, West Virginia.

Will you please issue a permit to us to begin drilling this well at your earliest convenience.

Very truly yours,


T. S. Flournoy
Chief Engineer

TSF:jt

Enclosures 2



11/17/2023

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Shell	Light	Hard	1888	1910	Gas	1309-1327	14 M
Sl. & Shell	Light	Med.	1910	1945	Gas	1327-1338	35 M
Shale	Brown	Med.	1945	1988			
Sl. & Shell	Dark	Med.	1988	2033			
Sl. & Shell	Light	Med.	2033	2148			
Slate	Dark	Soft	2148	2190			
Brown Shale	Brown	Soft	2190	2666	Test	1797	24M
Slate	White	Soft	2666	2717			
Total Depth				2717			
					Gas	1836	53M
					Test	1877	44M
					Gas	1888	48M
					Test	2419	38M
					Gas	2466	41M
					Gas	2514	42M
					Test	2559	40M
					Gas	2595	41M
					Gas	2681	41M
					Test Before 1 Hr. After	first shot shot	38M 262M
					Test Before 1 Hr. After	second shot shot	154M 213M
					Test 2-14-49		71M

11/17/2023

Date March 23, 1949

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. McClain (Title) Geologist





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Wayne

WELL RECORD

Permit No. Wayne-643

Oil or Gas Well Gas

(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4158, Charleston 4, W. Va.
Farm G. W. Workman Estate Acres 600
Location (waters) Patrick Creek
Well No. OLO #795, farm #1 Elev. 610.96
District Butler County Wayne
The surface of tract is owned in fee by _____
Address _____
Coal Ed Workman et al
Mineral rights are owned by Ed Workman et al
Address Wayne, W. Va.

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>OWS Wall Anchor Comb</u>
13			Size of
10	<u>34</u>	<u>34</u>	<u>6-5/8 x 3-1/2 x 6</u>
8 1/4	<u>310</u>	<u>310</u>	Depth set
6 3/8	<u>1075</u>	<u>1075</u>	<u>1743 - 1749</u>
5 3/16			Perf. top <u>1280</u>
3	<u>1882</u>	<u>1882</u>	Perf. bottom <u>1311</u>
2			Perf. top <u>1711</u>
Liners Used			Perf. bottom <u>1743</u>

Drilling commenced 12-15-1948
Drilling completed 2-3-1949
Date Shot 2-7-49 From 1840 To 2717
With & from 1299 to 1349 with 8500# & 450# Det., Respectively
Open Flow 16/10ths Water in 1 1/2" Inch
/10ths Merc. in Inch
Volume Injun-Berea 71M Cu. Ft.
Rock Pressure 42 Hrs. lbs. 415 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet
Salt water _____ feet

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface			0	12			
Clay	Gray	Soft	12	32			
Sand	Light	Soft	32	33			
Slate	Dark	Soft	33	61			
Sand	Light	Soft	61	81	Water, fresh	75'	
Slate	Dark	Soft	81	99	Water	30'	Top level
Sand	Light	Soft	99	114			
Coal	Black	Soft	114	116			
Slate	Dark	Soft	116	135			
Sand	Light	Soft	135	187			
Coal	Black	Soft	187	190			
Sand	Light	Soft	190	215			
Slate	Dark	Soft	215	297	Water	246'	standing 30'
Coal	Black	Soft	297	301			
Slate	Dark	Soft	301	315			
Sand	Light	Soft	315	331			
Slate	Dark	Soft	331	371			
Sand	Light	Soft	371	411			
Slate	Dark	Soft	411	472			
Sand	Light	Soft	472	517			
Slate	Dark	Soft	517	542			
Sand	Light	Soft	542	572			
Slate	Dark	Soft	572	607			
Shell	Light	Hard	607	612			
Slate	Dark	Soft	612	635	Water	771'	hole filling
Salt Sand	Light	Med.	635	711	Water		level 100'
Slate	Light	Med.	711	716			
Salt Sand	Light	Med.	716	1005			
Little Lime	Dark	Hard	1005	1042			
Slate	Dark	Soft	1042	1044			
Big Lime	White	Hard	1044	1204	Water	1049'	top level 100'
Injun Sand	Gray	Med.	1204	1367			
Slate	Dark	Soft	1367	1694			
Sl. & Shell	Dark	Soft	1694	1732			
Packer shell	Light	Hard	1732	1757			
Sl. & Shells	Light	Med.	1757	1838			
Shell	Light	Hard	1838	1857			
Sl. & Shell	Light	Med.	1857	1888			



11/17/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. _____ Oil or Gas Well _____
(KIND)

Company _____ Address _____ Farm _____ Well No. _____ District _____ County _____ Drilling commenced _____ Drilling completed _____ Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /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 Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING 	LEFT IN WELL 	PACKERS Kind of Packer _____ Size of _____ Depth set _____ Perf. top _____ Perf. bottom _____ 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 _____

Remarks: _____

PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

**WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION**

WORK ORDER

Well to be plugged and filled as follows: WORK ORDER TO PLUG

G. W. Workman No. 1 (Serial No. 795)

As completed 3-24-49:

8 5/8" csg. set at 309

7" " " " 1,065

Total Depth 2,717'

Shot hole 1840-2717

Shot hole 1299-1349

4-23-59 to 5-29-59: Moved in and shot Berea shells twice, from 1821 to 1855 -- no success.

Present depth 1868 on solid bridge

Rock bridge 1800 - 1770 ✓
Cement 1770 - 1760 2½ sacks
Be sure all gas is shut off here ✓

Open hole to 1400 ✓
Rock bridge 1400 - 1370 ✓
Clay 1370 - 1290 ✓
Rock 1290 - 1285 ✓
Cement 1285 - 1275 ✓
Be sure all gas is shut off here ✓

Open hole to 1065 ✓
Pull 7" csg. at 1065 ✓
Open hole to 830 ✓
Rock bridge 830 - 800 ✓
Clay 800 - 750 ✓
Rock 750 - 740 ✓
Cement 740 - 730 3½ sacks

Open hole to 370 ✓
Rock bridge 370 - 331 ✓
Cement 331 - 310 7 sacks
Pull 8 5/8" csg. at 309 ✓
Cement 310 - 277 17 sacks
Clay 277 - 230 ✓
Rock 230 - 220 ✓
Cement 220 - 167 28 sacks
Clay 167 - 156 ✓
Rock 156 - 146 ✓
Cement 146 - 94 28 sacks
Clay 94 - 0 ✓

Erect 2' x 2' x 3' concrete monument
Mark monument "OLO 795" ✓

Note 50' Bridge and fill at 1065' in Big Lime

To the Department of Mines
Coal Owner or Operator,
Lease or Property Owner.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date stated in the notice of intention to plug and abandon the said well on opposite side of this sheet.

Very truly yours,

Well Operator.

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved 11/17/2013

3rd day of June, 19 59

DEPARTMENT OF MINES
Oil and Gas Division

By: W. E. Yiffelle

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

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

Ed. Workman, Executor
of G. W. Workman Estate
Coal Operator or Coal Owner

Owens, Libbey-Owens Gas Department
Name of Well Operator

Wayne, W. Va.
Address

P. O. Box 4168, Charleston 4, W. Va.
Complete Address

Coal Operator or Coal Owner

June 2, 19 59

WELL TO BE ABANDONED

Address

Butler District

Wayne County

G. W. Workman Estate
Lease or Property Owner

Well No. 1 (Serial No. 795)

Wayne, W. Va.
Address

G. W. Workman Farm

Inspector to be notified MR. JAMES W. PACK, Hamlin, West Virginia

Gentlemen:— **24 HOURS IN ADVANCE OF PLUGGING DATE**

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.



Very truly yours,
OWENS, LIBBEY-OWENS GAS DEPARTMENT

By A. H. Smith
A. H. Smith (Well Operator)

11/17/2023

NOTE: Upon the abandonment of all wells drilled prior to June 1, 1929, a plat prepared by a registered engineer, showing the district and county in which the tract of land is located, the name and acreage of same, the names of the owners and adjacent tracts, and the location of the about to be abandoned well, determined by survey, and the courses and distances of such well from two permanent points or landmarks on said tract, shall be submitted with this notice.

NOTE: In case plugging is not commenced within four months from the above date, this permit shall expire and be of no further force or effect.

(over)

Way--643 -P PERMIT NUMBER

Filling Material

Content	From	To	
Open hole to		830	
Rock Bridge	830	800	
Clay	800	750	
Rock	750	740	
Cement	740	730	3-1/2 sacks
Open hole to		370	
Rock Bridge	370	331	
Cement	331	310	7 sacks
Cement	310	277	17 sacks
Clay	277	230	
Rock	230	220	
Cement	220	167	28 sacks
Clay	167	156	
Rock	156	146	
Cement	146	94	28 sacks
Clay	94	0	

Pulled 8-5/8" csg. at 309'9"

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 STATE INSPECTOR SUPERVISOR OF MINING
 Olen E. Jones
 John Moore

Content	From	To	
Open hole to		1100	
Rock Bridge	1100	1000	
Clay	1000	950	
Rock	950	930	
Cement	930	880	5-1/2 sacks
Open hole to		1100	
Rock Bridge	1100	1000	
Cement	1000	900	10 sacks

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 STATE INSPECTOR SUPERVISOR OF MINING
 Olen E. Jones
 John Moore

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 STATE INSPECTOR SUPERVISOR OF MINING
 Olen E. Jones
 John Moore

11/17/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

Ed Workman, Exec. _____ COAL OPERATOR OR OWNER Wayne, W. Va. _____ ADDRESS _____ COAL OPERATOR OR OWNER _____ ADDRESS Same _____ LEASE OR PROPERTY OWNER _____ ADDRESS	OWENS, LIBBEY-OWENS GAS DEPARTMENT _____ NAME OF WELL OPERATOR P. O. Box 4168, Charleston 4, W. Va. _____ COMPLETE ADDRESS June 22, 1959 _____ WELL AND LOCATION Butler District Wayne County _____ Well No. 1 (Serial No. 795) _____ G. W. Workman Farm
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STATE INSPECTOR SUPERVISING PLUGGING.....

AFFIDAVIT

STATE OF WEST VIRGINIA, }
County of _____ } SS:

Olen E. Jones and Holden Moore
being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by _____, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the _____ day of _____, 19____, and that the well was plugged and filled in the following manner:

SAND OR ZONE RECORD	FILLING MATERIAL			PLUGS USED	CASING	
	FORMATION	CONTENT	FROM TO		SIZE & KIND	CSG PULLED
Total Depth	2,717 ft.					
	Rock Bridge	1800	1770			
	Cement	1770	1760	2-1/2 sacks		
	All gas shut off					
	Open hole to		1400			
	Rock Bridge	1400	1370			
	Clay	1370	1290			
	Rock	1290	1285			
	Cement	1285	1275	2-1/2 sacks		
	All gas shut off					
	Open hole to		1120			
	Rock Bridge	1120	1080			
	Cement	1080	1070	2-1/2 sacks	7" at	1029'9"
COAL SEAMS						
(NAME)				DESCRIPTION OF MONUMENT		
(NAME)				2' x 2' x 3' Concrete Monument		
(NAME)				Mark "O.L.O. #795"		
(NAME)						

and that the work of plugging and filling said well was completed on the 17th day of June, 1959.

And further deponents saith not.

Sworn to and subscribed before me this 29th day of June, 1959.

My commission expires:
2/7/67

Holden Moore
Olen E. Jones 11/17/2023
Richard E. Shink
Notary Public.

Permit No. Way-643-P