

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.

Barney Asbury  
COAL OPERATOR OR COAL OWNER

Wayne, West Virginia  
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

April 9, 19 63  
PROPOSED LOCATION

Ceredo District

Wayne 38° 20' County  
52° 30'

Well No. 1 (Serial No. 1143) 6-694-92'

Barney Asbury "C" Farm  
75 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 10th December, 1958, made by Barney Asbury, to Owens-Illinois Glass Co. & Libbey-Owens-Ford Glass Co., and recorded on the 19th day of December, 1958, in the office of the County Clerk for said County in Book 49, page 295.

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.

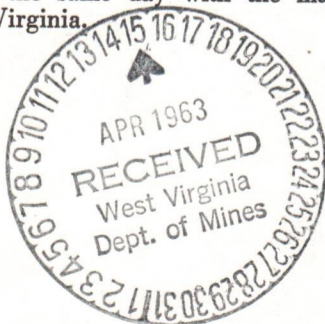
The undersigned well operator is informed and believes there are no coal operators operating beds of coal beneath said farm or tract of land on which said well is located, or within 500 feet of the boundaries of the same, who have mapped their workings and filed their maps as required by law, excepting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

1454

A-10

# OWENS, LIBBEY-OWENS GAS DEPARTMENT

5793 MACCORKLE AVENUE

P. O. BOX 4168

CHARLESTON 4, WEST VIRGINIA



April 9, 1963

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

Gentlemen:

We are submitting an application for a permit to drill well No. 1 (Serial No. 1143) on our Barney Asbury "C" tract situated in Ceredo District, Wayne County, West Virginia.

Attached to the application is a plat showing the proposed location of said well.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

By *J. E. Workman*  
J. E. Workman, Chief Engineer

JEW:sc  
Attachment

cc: Mr. Barney Asbury  
Wayne  
West Virginia



10/27/2023



OWENS, LIBBEY-OWENS GAS DEPARTMENT

7333 MACCORRLE AVENUE  
CHARLESTON, WEST VIRGINIA



April 9, 1903

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

Gentlemen:

We are submitting an application for a permit to drill  
well No. 1 (General No. 1143) on our "Barney Ashby" tract  
situated in Conoco District, Wayne County, West Virginia.

Attached to the application is a plat showing the  
proposed location of said well.

Very truly yours,

OWENS, LIBBEY-OWENS GAS DEPARTMENT

J. A. Workman, Chief Engineer



Enclosure  
Attachment  
cc: Mr. Barney Ashby  
Wayne  
West Virginia

4-11  
April 25, 1963  
"Centennial Year"

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

Attention of Mr. J. E. Workman  
Chief Engineer

Gentlemen:

Enclosed is Permit WAY-1454 for drilling Well  
No. 1-Serial 1143 on the Barney Asbury "C" Lease, Ceredo  
District, Wayne County.

Very truly yours,

Executive Secretary  
OIL AND GAS DIVISION

GW/dd  
enclosure

cc: Mr. Kenneth Butcher, Inspector

Mr. R. C. Tucker, Assistant  
State Geologist

10/27/2023



B-2

Formation	Color	Hard or Soft	Top 31	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Med.	1007	1053			
Sand	Light	Hard	1053	1068			
Water Sand	Light	Med.	1068	1083	Water at 1070' - Hole full		
Settling Sand	Light	Med.	1083	1117			
Sand	Light	Hard	1117	1133			
Slate	Dark	Soft	1133	1151			
Sand	Light	Hard	1151	1178			
Slate	Dark	Med.	1178	1182			
Slate	Dark	Soft	1182	1188			
Sand	Dark	Hard	1188	1198			
Slate	Dark	Med.	1198	1231			
Little Lime	Dark	Hard	1231	1238			
Slate	Dark	Hard	1238	1248			
Little Lime	Dark	Hard	1248	1260			
Slate	White	Soft	1260	1262			
Big Lime	White	Hard	1262	1298	5-11-63 Re-installed 8-5/8" casing at 1288' on a shoe.		
Big Lime	White	Hard	1298	1415			
Injun Sand	Grey	Med.	1415	1614	Water at 1590' 1-1/2 BPH		
Sand	Grey	Hard	1614	1639			
S1 & Shls	Dark	Med.	1639	1663			
Slate	Grey	Med.	1663	1706			
S1 & Shls	Dark	Med.	1706	1738			
Slate	Grey	Med.	1738	1776			
S1 & Shls	Dark	Med.	1776	2007			
Shell	Dark	Hard	2007	2025			
Slate	Dark	Med.	2025	2041			
Coffee Shale	Dark	Soft	2041	2073			
Berea Sand	Grey	Hard	2073	2091	Gas at 2083' 20.7 M		
Slate	Dark	Med.	2091	2095			
Shell	Black	Hard	2095	2106			
Slate	Dark	Med.	2106	2109			
Shell	Dark	Med.	2109	2115	5-28-63 Re-installed 7" casing at 2110' on a shoe.		
S1 & Shls	Dark	Med.	2115	2148			
Shell	Dark	Med.	2148	2153			
Br. Shale	Brown	Med.	2153	2277			
Slate	White	Med.	2277	2379			
Br. Shale	Brown	Med.	2379	2860			
Slate	White	Med.	2860	3068	Gas 2874' 300 cu.ft.		
Br. Shale	Brown	Med.	3068	3089			
Br. Shale	Brown	Med.	3089	3100			
Corn. Lime	Dark	Hard	3100	3306	Show of black water 3250-3272' 1/2 BPH Gas 3272' 490 cu.ft.		
Corn. Lime	Dark	Hard	3306	3546			
Corn. Lime	Dark	Hard	3546	3692	7-3-63 Installed 5-1/2" casing at 3692' on a shoe with 3 centralizers. Halliburton cemented in the 5-1/2" csg. from 3200-3692' with 30 bags Marquette cement.		
Corn. Lime	Dark	Hard	3692	3698			
Corn. Lime	Dark	Hard	3698	3747			
Big Six	Grey	Hard	3747	3777	Gas 3750' 8.6 MCF Gas 3753' 9.6 MCF Gas 3755' 11.4 MCF Gas 3757' 12.2 MCF		
Big Six Sand	Grey	Hard	3777	3810			
Slate	Grey	Soft	3810	3813			
Red Rock	Red	Med.	3813	3832	2 Min. test 3832' 11.0 MCF		
			Total Depth 3832'		Filled with rock to 3814' SIM 3814' Cement (1 sack) dumped on rock		

10/27/2023

Date September 6, 1963

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

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





STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 31

Quadrangle Ceredo

Permit No. Way-1454

WELL RECORD

Oil or Gas Well GAS  
(KIND)

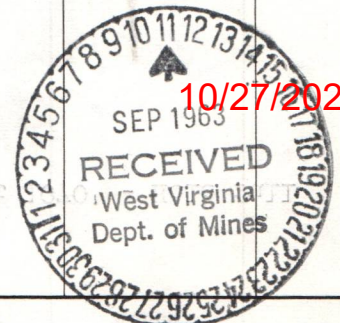
Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. BOX 4168, Charleston 4, W. Va.  
Farm Barney Asbury "C" Acres 100  
Location (waters) \_\_\_\_\_  
Well No. 1 (Serial No. 1143) Elev. 694.92  
District Ceredo County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Mr. Barney Asbury  
Address Wayne, W. Va.  
Drilling commenced April 22, 1963  
Drilling completed July 23, 1963  
Date Shot 8-1-63 From 3747 To 3810  
With 400# Trojan Powder  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED Dowell acidized Big Six Sand  
with 2,000 gals. intensified acid & 93 bbls.  
water to flush acid.  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 -3/4"	311'1"	311'1"	Size of
8 5/8"	1278'	Pulled	Depth set
8 5/8"	1286'2"	1286'2"	
7"	2095'11"	Pulled	Perf. top
7"	2109'2"	2109'2"	Perf. bottom
5-1/2"	3687'4"	3687'4"	Perf. top
Liners Used			Perf. bottom

CASING CEMENTED 5-1/8" SIZE 492 No. Ft. 7-3-63 Date  
Halliburton cemented 5-1/2" csg. with 30 bags  
Marquette cement.  
COAL WAS ENCOUNTERED AT 200 FEET 48 INCHES  
\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT 134 MCF Big Six Sand  
ROCK PRESSURE AFTER TREATMENT 1050 lbs. in 48 hrs.  
Fresh Water 25 Feet 400-450 Salt Water 1070', 1590' Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface	Red	Soft	0	12			
Slate	Dark	Soft	12	112	Water at 25'	2 BPH	
Red Rock	Red	Med.	112	137			
Slate	Grey	Med.	137	140			
Red Rock	Red	Med.	140	160			
Slate	Dark	Med.	160	200			
Coal	Black	Soft	200	204			
Broken Sand	Grey	Med.	204	244			
Slate	Grey	Med.	244	315			
Broken Sand	Grey	Med.	315	357			
Slate	Grey	Soft	357	372			
Sand	Light	Soft	372	460	Water at 400-450'	1 BPH	
Slate	Light	Med.	460	470			
Sand	Light	Med.	470	490			
Slate	Dark	Med.	490	522			
Sand	Light	Med.	522	609			
Slate	Dark	Med.	609	648			
Slate	Dark	Soft	648	668			
Sand	Dark	Med.	668	718			
Slate	Dark	Med.	718	864			
Broken Sand	Light	Med.	864	872			
Slate	Dark	Med.	872	899			
Sand	Light	Med.	899	919			
Slate	Light	Med.	919	959			
Sand	Light	Med.	959	973			
Slate	Dark	Med.	973	997			
Sand	Light	Med.	997	1007			





B-3



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 31A

Quadrangle Ceredo

Permit No. Way-1454

WELL RECORD  
(PAGE TWO)

Oil or Gas Well GAS  
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4168, Charleston 4, W. Va.  
Farm Barney Asbury "C" Acres 100  
Location (waters) \_\_\_\_\_  
Well No. 1 (Serial No. 1143) Elev. 694.92  
District \_\_\_\_\_ County \_\_\_\_\_  
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.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			
13			Size of _____
10			
8 1/4			Depth set _____
6 5/8			
5 3/16			Perf. top _____
3			Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

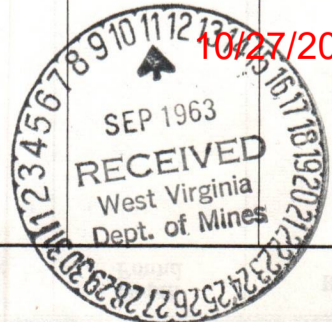
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
					8-1-63 Test before shot: 14 MCF T.D. before shot - 3805' King Torpedo Co. shot the Big Six Sand from 3743' to 3805' with 400# Trojan Powder. Test 15 Min. A.S. 133 MCF Test 8 Hrs. A.S. 38.3 MCF 8-7-63 Test 9:45 A.M. 33.2 MCF Dowell acidized the Big Six Sand with 2,000 gals. intensified acid. Used 93 bbls. water to flush acid. 8-14-63 Test 6:50 P.M. 150 MCF		







STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-1454

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

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Owens-Libby-Owens</u>	Size			
Address	<u>Charles ton, w.va.</u>	16			Kind of Packer
Farm	<u>Barney asbury</u>	13			
Well No.	<u>C-1</u>	10	<u>3 1/2</u>		Size of
District	<u>Ceredo</u> County <u>Wayne</u>	8 1/4			
Drilling commenced	<u>4-23-63</u>	6 5/8			Depth set
Drilling completed		5 3/16			
Date shot		3			Perf. top
Initial open flow		2			Perf. bottom
Open flow after tubing		Liners Used			Perf. top
Volume					Perf. bottom
Rock pressure		CASING CEMENTED	SIZE	No. FT.	Date
Oil					
Fresh water	<u>100 - hole full</u>	COAL WAS ENCOUNTERED AT	FEET	INCHES	
Salt water			FEET	INCHES	FEET INCHES

Drillers' Names John C had wick  
 Remarks: Contr. Clifford Mills Cable tools  
Depth 700-

5-7-63  
DATE



K.C. Butcher  
 DISTRICT WELL INSPECTOR  
 10/27/2023





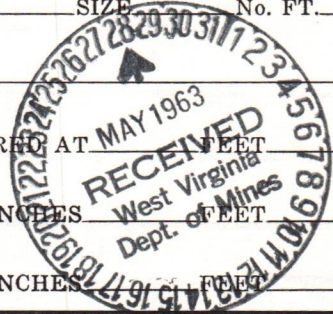
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-1454

Oil or Gas Well  
(KIND)

Company	Address	Farm	Well No.	District	County	Drilling commenced	Drilling completed	Date shot	Initial open flow	Open flow after tubing	Volume	Rock pressure	Oil	Fresh water	Salt water	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
																Size			Kind of Packer
<u>Owens-Jitley-Owens</u>	<u>C Charleston, W.Va.</u>	<u>Barney Astbury</u>	<u>C-1</u>	<u>Ceredo</u>	<u>Wayne</u>	<u>4-23</u>										16			
																13			
																10	<u>311'</u>		<u>Size of</u>
																8 1/4	<u>1286'</u>		
																6 5/8			<u>Depth set</u>
																5 3/16			
																3			<u>Perf. top</u>
																2			<u>Perf. bottom</u>
																Liners Used			<u>Perf. top</u>
																			<u>Perf. bottom</u>
																CASING CEMENTED			
																COAL WAS ENCOUNTERED AT			



Drillers' Names: John C had work  
Coner, Clifford Mills Cable Tools  
Remarks: Total depth 1709-

5-24-63

DATE

H. E. Butcher  
DISTRICT WELL INSPECTOR

10/27/2023







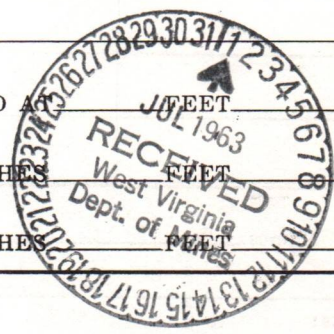
STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

INSPECTOR'S WELL REPORT

Permit No. Way-1454

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

		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Company	<u>Owens - Sibly - Owens</u>				
Address	<u>Charleston, W.Va.</u>	Size			
Farm	<u>Barney Ashbury</u>	16			Kind of Packer _____
Well No.	<u>C-1</u>	13			
District	<u>Berets</u> County <u>Wayne</u>	10			Size of _____
Drilling commenced	<u>4-23</u>	8 1/4			
Drilling completed		6 5/8			Depth set _____
Date shot		5 3/16			
Initial open flow		3			Perf. top _____
Open flow after tubing		2			Perf. bottom _____
Volume		Liners Used			Perf. top _____
Rock pressure					Perf. bottom _____
Oil		CASING CEMENTED	SIZE	No. FT.	Date
Fresh water					
Salt water		COAL WAS ENCOUNTERED			



Drillers' Names John C. Hadwick  
Conr. Cleppard Mills Cable Tools  
 Remarks: Total depth 3640'  
Other information has been given

4-24-63  
DATE

H. E. Butcher  
DISTRICT WELL INSPECTOR

10/27/2023







