

Company OWENS, LIBBEY-OWENS GAS DEPT.

Address BOX 4158 CHARLESTON, W. VA

Farm F. E. MATHEWSON  
PART OF 861 AC.

Tract \_\_\_\_\_ Acres 32 Lease No. 950

Well (Farm) No. 6 Serial No. 862

Elevation (Spirit Level) 756.99

Quadrangle WAYNE T 52.70" W 3.90

County WAYNE District GRANT

Engineer T. S. FLOURNOY

Engineer's Registration No. 269

File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_

Date OCT. 17 1952 Scale 1" = 200 FT.

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

WELL LOCATION MAP  
FILE NO. WAY-858-Rev 1

+ 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 lines of original tracing

6-6-52



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Wayne

WELL RECORD

Permit No. WAY-858-R

Oil or Gas Well Gas  
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4158, Charleston 4, W. Va.  
Farm F. E. Mathewson Acres 32  
Location (waters) \_\_\_\_\_  
Well No. 6 (Serial #862) Elev. 756.99  
District Grant County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by F. E. Mathewson  
Address \_\_\_\_\_  
Drilling commenced 5-5-53  
Drilling completed 7-7-53  
Date Shot 7-8-53 From 2011 To 3044  
With 9,950 lbs. of Detonite  
Opon Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume BL, BI, Shells 58 MCF., Berea Br. Sh. 117M Cu. Ft.  
Rock Pressure BL, BI 481, Br. Sh. 474# lbs. 72 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 <u>Oilwell</u>
13			<u>Hookwall</u>
10 3/4"	<u>277' 1"</u>	<u>277' 1"</u>	Size of <u>3 1/2" x 6-5/8" x 16"</u>
<u>8 1/2" 5/8"</u>	<u>95 1/2' 10"</u>	<u>Pulled</u>	
<u>8 1/2" 7"</u>	<u>137 1/2' 8"</u>	<u>137 1/2' 8"</u>	Depth set <u>1870-1873</u>
5 3/16			
3 1/2"		<u>1873' 5"</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

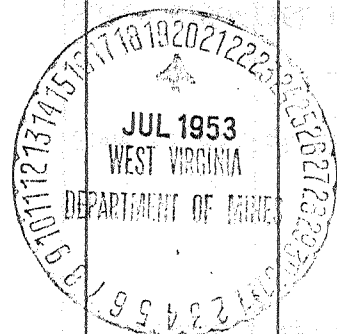
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

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
Surface			0	25			
Slate	Dark	Soft	25	45			
Coal	Black	Soft	45	48			
Line	Light	Hard	48	57			
Sandy, Lime	Light	Hard	57	68			Water @ 45 - 1/2 BPH
Sand	Light	Hard	68	95			
Slate	Dark	Soft	95	100			Water 68-83 1 BPH
Sand	Light	Soft	100	130			
Slate	Grey	Soft	130	202			Water 95-100 3 BPH
Sand	Light	Soft	202	247			Water 150', beginning to fill hole
Slate	Grey	Soft	247	255			
Sand	Dark	Soft	255	268			
Slate	Dark	Soft	268	291			
Line	Dark	Hard	291	296			
Sand	Light	Med.	296	338			
Slate	Dark	Soft	338	343			
Sand	Dark	Med.	343	363			
Coal	Black	Soft	363	366			
Slate	Dark	Soft	366	373			
Sand	Light	Soft	373	422			
Slate	Dark	Soft	422	439			
Sand	Light	Med.	439	479			
Slate	Dark	Soft	479	494			
Sand	Dark	Soft	494	506			
Slate	Dark	Soft	506	543			
Sand	Light	Hard	543	566			
Sand	Light	Med.	566	586			
Line	Dark	Hard	586	594			
Sand	Light	Med.	594	645			
Slate	Dark	Soft	645	689			
Sand	Light	Hard	689	724			
Sand	Light	Med.	724	805			
Sand	Light	Hard	805	881			
Sand	Light	Med.	881	918			



Gas @ 814 18/10 W-1" 33 M  
Water @ 820' hole filling  
Test @ 833 8/10 W-1" 22 M  
Test @ 879 1/10 W-1" .9 M

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Lime	Dark	Hard	918	936			
Lime, Shell	Dark	Hard	936	969			
Slate	Dark	Soft	969	972			
Lime Shell	Dark	Hard	972	977			
Sand	Light	---	977	980			
Lime	Light	Hard	980	997			
Slate	Dark	Soft	997	1000			
Sand	Yellow	Med.	1000	1036			Oil @ 1036, 1 gal. per hour Water @ 1036 - 2 2 1/2 baters in hole when starting up after weekend
Sand	Light	Med.	1036	1046			
S1. & Shells	Dark	Med.	1046	1057			
Sand	Light	Med.	1057	1072			
S1. & Shells	Dark	Med.	1072	1089			
Slate	Dark	Soft	1089	1094			
Sand	Light	Med.	1094	1115			Show of oil at 1110
S1. & Shells	Dark	Med.	1115	1134			
Shell	Grey	Hard	1134	1150			
Settling S.	Light	Hard	1150	1176			
Sand	Grey	Hard	1176	1225			Water 1150-1164 hole filling.
Maxton S.	White	Hard	1225	1299			
Big Lime	White	Hard	1299	1395			
Big Lime	White	Med.	1395	1424			Oil show, 1.854 Gas 1382 48/10W-2 pl. 3.3 M Gas 1405-08 24/10 W-5/8" 15.0
Red Injun	Red	Med.	1424	1449			
Big Injun	Grey	Med.	1449	1490			
Slate	Dark	Soft	1490	1494			
Shell	Light	Hard	1494	1497			
Slate	Dark	Soft	1497	1502			
S1. & Shells	Dark	Med.	1502	1558			
S1. & Shells	Grey	Soft	1558	1814			
Slate	Grey	Soft	1814	1858			
Limeshell	Light	Hard	1858	1890			
Slate	Dark	Soft	1890	1909			
Slate	White	Soft	1909	1959			
Slate	Dark	Soft	1959	2022			
Berea Sand	Grey	Hard	2022	2036			
Slate	White	Soft	2036	2041			
S1. & Shells	Light	Hard	2041	2061			
S1. & Shells	Light	Med.	2061	2094			
Br. Shale	Brown	Soft	2094	2146			
Slate	Light	Soft	2146	2323			Pulled 8-5/8" casing Test 2049 Gas 2061 Gas 2140
Slate	White	Soft	2323	2551			
Br. Shale	Brown	Soft	2551	2575			
Slate	White	Soft	2575	2709			
Br. Shale	Brown	Soft	2709	2777			
Slate	White	Soft	2777	2788			
Br. Shale	Brown	Soft	2788	3029			
Slate	White	Soft	3029	3050			
Br. Shale	Brown	Soft	3050	3050			
Slate	White	Soft	3050	2955			
Br. Shale	Brown	Soft	2955	2745			
Slate	White	Soft	2745	2768			
Br. Shale	Brown	Soft	2768	2918			
Slate	White	Soft	2918	2938			
Gas-2			2938				



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 4A

WELL RECORD

Permit No. WAY-858-R

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

Company Owens, Libbey-Owens Gas Department  
Address \_\_\_\_\_  
Farm F. E. Mathewson Acres \_\_\_\_\_  
Location (waters) \_\_\_\_\_  
Well No. \_\_\_\_\_ Elev. \_\_\_\_\_  
District Grant County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commented \_\_\_\_\_  
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			
18			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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
					Gas 2961	- 79.9 M	
					Gas 2971	90 M	
					Test 2996	- 86 M	
					Gas-? 3019	- 90 M	
			Shot 7/8/53	with 9,950	lbs. of Detonite from 2011 to 3044		
					Before Shot:	83 M	
					After Shot:	1 hour 411 M	
						2 hours 299 M	
						10 hours 230 M	
						15 hours 208 M	
					Installed 3 1/2" tubing and shut-in well		
					25 hours, after shooting. Final open		
					flow: Big Lime, Big Injun & Shells 58 M		
					Berea and Br. Shale 11.7 M		
					Total	205 M	

