

Company HUNTINGTON OKLAHOMA OIL CO. & MIDWAY CITY GAS CO.  
 Address HUNTINGTON, W. VA.  
 Farm GEORGE W. FERGUSON  
 Tract \_\_\_\_\_ Acres 129 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 600'  
 Quadrangle LOUISA - NE  
 County WAYNE District BUTLER  
 Engineer A. B. Ewing  
 Engineer's Registration No. 7309  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 9-11-61 Scale 1"=300'

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

**WELL LOCATION MAP**  
 FILE NO. WAY-1368-D

+ 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.

No Samples

660

Keep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 12

Quadrangle Louisa

Permit No. Way-1368

WELL RECORD

Oil or Gas Well Oil

Company Huntington Oklahoma Oil & Midway City Gas Cms.  
Address P. O. Box 424, Huntington 9, W. Va.  
Farm Geo. W. Ferguson Acres 129  
Location (waters) \_\_\_\_\_  
Well No. 1 Elev. 600'  
District Butler County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 17 October, 1961  
Drilling completed 21 December, 1961  
Date Shot \_\_\_\_\_ From 1818' To 1855'  
With 300# 80% Gel., 250# G Well Spec. A.  
Open Flow Total 550#  
/10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil 45 gals. in 55 hours bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>BH</u>
16			
13			
10 - 3/4"	24'	24'	Size of <u>7x8x16</u>
8 1/4"		395' 11"	
6 1/4"		1394'	Depth set _____
5 3/16"			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

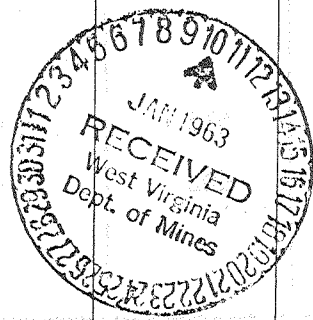
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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
Soil			0	10			
Sand			10	20			
Slate			20	50			
Broken			50	195			
Dark Slate			195	210			
White Slate			210	235	Water	220	6 BPH
Sand			235	288			
Slate			288	330			
Shell, Hard			330	334			
Sand			334	348			
Slate			348	418			
Sand			418	432			
Slate			432	440			
Broken Sand			440	470			
Slate			470	542	Water	490	1/2 BPH
Hard Shell			542	555			
Slate			555	585			
Sand			585	652			
Dark Slate			652	660			
Slate			660	715			



Formation	Color	Hard or Soft	Top <i>12</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Dark Sand			715	734			
Slate			734	746			
Sand			746	872	Water	785	Hole full
Dark Slate			875	905			
Hard Gr. Sand			905	934	Water	914	
Dark Slate			934	937			
Lime Shell			937	974			
Slate			974	977			
Lime Shell			977	1040			
Big Lime			1040	1168			
Broken Sand			1168	1240			
Slate & Shells			1240	1280			
Sand			1280	1316	Gas	1290	Show
Dark Slate			1316	1321			
Broken Sand			1321	1370			
Lime Shells			1370	1408			
Slate & Shells			1408	1793			
Coffee Shale			1793	1818			
Berea Grit			1818	1845	Oil	1825	Show
Shell			1845	1857	Oil	1841	Show
Slate			1857	1865			
Hard Shell			1865	1882			
Slate			1882	1887			Total Depth 1887'
				(410)			

Date January 9, 1963

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By *A. V. Frick*  
Mgr. Land, Engrg. (Title) & Geology



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 13

Quadrangle Louisa

Permit No. Way-1368-D

WELL RECORD

Oil or Gas Well DRY  
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4168, Charleston 4, W. Va.  
Farm George Ferguson Acres 129  
Location (waters) \_\_\_\_\_  
Well No. 1 (Serial No. 1155) Elev. 600'  
District Butler County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Mr. George Ferguson  
R.F.D. #2 Address Prichard, W. Va.  
~~Drilling~~ commenced Deepening: 5-17-62  
~~Drilling~~ completed Deepening: 6-30-62  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume Dry Hole 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			
10			Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3 1/2"	<u>1922'7"</u>	<u>Pulled</u>	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

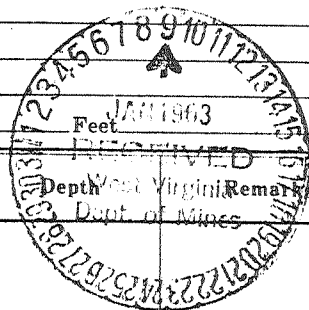
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

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

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

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Remarks
(Total Depth when purchased from Huntington-Oklahoma Oil & Midway City Gas Cos.)				1887		
Slate	Light	Med.	1887	1900		
Brown Shale	Brown	Med.	1900	1916		
					<u>5-22-62</u>	Installed 3 1/2" tubing at 1911'. Tubing installed to cement the shot hole in Berea Sand. Dowell cemented Berea shot hole from 1911' to 1770' with 200 sacks of cement, 250 gal. XFW acid and 6 sacks of lime.
					<u>5-23-62</u>	Pulled 1922'7" of 3 1/2" tubing
Brown Shale	Dark	Hard	1916	2022		
Slate	Grey	Hard	2022	2059		
Sl & Shls	Grey	Med.	2059	2210		
Brown Shale	Dark	Med.	2210	2287		
Sl & Shls	Grey	Med.	2287	2316		
Sl & Shls	Light	Med.	2316	2384		
Br. Shale	Brown	Hard	2384	2621		
Sl & Shls	Grey	Med.	2621	2789		
Br. Shale	Brown	Med.	2789	2820		
Corn. Lime	Grey	Hard	2820	2844		SIM 2844 = Sand IM 2844
Corn. Lime	Grey	Hard	2844	3061		Gas 2965-2969' 866 cu. ft.
Corn. Lime	Grey	Hard	3061	3230		Gas 3059' 5.93 MCF
Corn. Lime	Grey	Hard	3230	3435		Gas Show 3398' 424 cu.ft. Gas Show 3410' 458 cu.ft.
Big Six Sand	Grey	Hard	3435	3480		
Slate	Black	Soft	3480	3520		
TOTAL DEPTH				3520'		Test 6-30-62 at 3520' 387 cu.ft.



(over)

555  
2820  
600  
2220

Formation	Color	Hard or Soft	Top 13	Bottom	Oil, Gas or Water	Depth Found	Remarks
					7-6-62 Well temporarily capped.		

Date August 9, 1962

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

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