



New Location   
 Drill Deeper   
 Abandonment

DEC-6-1939

2.78 + W  
 2.85 d

Company THE OWENS, LIBBEY-OWENS GAS DEPT.  
 Address BOX 1375 CHARLESTON, W. VA.  
 Farm R. G. QUARRIER  
 Tract \_\_\_\_\_ Acres 380 Lease No. 170  
 Well (Farm) No. 1 Serial No. 89  
 Elevation (Spirit Level) 950.1  
 Quadrangle PEYTONA  
 County KANAWHA District LOUDON  
 Engineer T.S. G. [Signature]  
 Engineer's Registration No. 269  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date 10-16-39 Scale 1" = 1000'

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

WELL LOCATION MAP  
 FILE NO. KAN-281A

+ 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.

281A

Loudon District, Kanawha County, W. Va.  
 By The Owens, Libbey-Owens Gas Dept., Box 1375, Charleston, W. Va.  
 Abandoned under permit Kan-.....-A.  
 On 380 acres, on Lens Creek.  
 Elevation, 950.1' L.  
 Surface and minerals owned by Russell G. Quarrier, 1308 Virginia St.,  
 Charleston, W. Va.  
 Drilling commenced June 1, 1922; completed, July 25, 1922.  
 Shot July 10, 1922, at 1314-1320'.  
 Volume, 125,000, cu. ft.  
 Rock pressure, 250 lbs. in 24 hrs.  
 Fresh water at 100 and 995'.  
 10" casing, 132'; 8 1/2" , 393' (pulled); 6 5/8" , 1229' (pulled);  
 2" tubing, 1443'.  
 Coal was encountered at 75-78 and 125-129'.  
 Anchor packer, 6 3/8 x 3, set at 1269'.  
 Perf. top 1312; perf. bot., 1317'.  
 Gas well. Abandonment reported to Dept. of Mines Oct. 12, 1939.  
 Record to ROT from Mrs. Griffith December 1, 1939.

	Top.	Bottom.
Surface	0	16
Slate	16	50
Sand	50	75
Coal	75	78
Sand (water, 100', hole full)	78	100
Slate	100	110
Sand	110	125
Coal	125	129
Slate	129	150
Sand	150	175
Slate	175	200
Sand	200	250
Slate	250	290
Lime shells	290	340
Sand	340	400
Slate	400	420
Sand	420	460
Slate	460	470
Sand	470	620
Slate and shells	620	663
Salt Sand	663	888
Slate	888	893
Lime, gritty	893	940
Red rock	940	948
Slate	948	958
White sand (gas show, 960-965'; water, 995', hole full)	958	1045
Black slate	1045	1050
Sand, hard	1050	1120
Lime shells	1120	1160
Slate	1160	1180
Little Lime	1180	1212
Slate	1212	1217
Big Lime (gas, 1284', 1296', and 1314')	1217	1433
Big Injun Sand	1433	1473

(OVER)

RUSSELL G. QUARRIER NO. 89 WELL. (Continued).

	Top.	Bottom.
Slate and shells	1473	- 1875
Coffee Shale	1875	- 1885
Berea Sand	1885	- 1887
Slate and shells	1887	- 1890
Total depth		1890
Hole filled up to		1443

WEST VIRGINIA DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

790

Permit No. KAN-281-A

Oil or Gas Well Gas well  
(Kind)

Company The Owens, Libbey-Owens Gas Department  
 Address P. O. Box 1375, Charleston, W. Va.  
 Farm Russell G. Quarrier Acres 380  
 Location (waters) Lens Creek  
 Well No. 89 Elev. 950.1  
 District Loudon County Kanawha  
 The surface of tract is owned in fee by Russell G. Quarrier  
1308 Va. Street Address Charleston, W. Va.  
 Mineral rights are owned by Same  
 Address \_\_\_\_\_  
 Drilling commenced 6-1-22  
 Drilling completed 7-25-22  
 Date shot 7-10-22 Depth of shot 1314'-1320'  
 Open Flow /10ths Water in \_\_\_\_\_ Inch  
 /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ 125,000 Cu. Ft.  
 Rock Pressure 250 lbs. 24 hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water 100 feet 995 feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>Anchor</u>
10	<u>132'</u>	<u>132'</u>	Size of
8 1/4	<u>893'</u>	-	<u>6 5/8" x 2"</u>
6 5/8	<u>1229'</u>	-	Depth set
5 3/16			<u>1269'</u>
3			Perf. top
2	<u>1443'</u>	<u>1443'</u>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
 COAL WAS ENCOUNTERED AT 75 FEET 36 INCHES  
125 FEET 48 INCHES FEET INCHES  
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Surface			0	16			
Slate			16	50			
Sand			50	75			
Coal			75	78			
Sand			78	100	Water	100'	Hole full
Slate			100	110			
Sand			110	125			
Coal			125	129			
Slate			129	150			
Sand			150	175			
Slate			175	200			
Sand			200	250			
Slate			250	290			
Line Shells			290	340			
Sand			340	400			
Slate			400	420			
Sand			420	460			
Slate			460	470			
Sand			470	620			
Slate & Shells			620	663			
Salt Sand			663	888			
Slate			888	893			
Line, Gritty			893	940			
Red Rock			940	948			
Slate			948	958			
White Sand			958	1045	Gas	960-965'	Show
Black Slate			1045	1050	Water	995'	Hole Full
Sand,		hard	1050	1120			
Line Shells			1120	1160			
Slate			1160	1180			
Little Line			1180	1212			
Slate			1212	1217			
Big Line			1217	1433	Gas	1284'	
						1296'	
						1314'	
Injun Sand			1433	1473			
Slate & Shells			1473	1875			
Coffee Shale			1875	1885			
Berea			1885	1887			
Slate & Shells			1887	1890			
Bottom of Hole				1890			Hole filled up to 1443'



