



New Location
 Drill Deeper
 Abandonment

Company Owens, Libbey Owens Gas Dept
 Address Box 4158 Charleston 4 W.Va.
 Farm Pattie M. Porter etal
 Tract _____ Acres 730 Lease No. 1614
 Well (Farm) No. 9 Serial No. 811
 Elevation (Spirit Level) 770 *MC*
 Quadrangle Midkiff 4 S312 "W 1.62"
 County Lincoln District Laurel Hill
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Nov. 24, 1950 Scale 1" = 1000'

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

WELL LOCATION MAP
 FILE NO. LIN-967

+ 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 space on border line of original tracing.

IMPERIAL TRACING CLOTH
 K & E CO., N. Y.

No samples 6-6 233

Deep Well

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Lin-967
Midkiff Quad.

Company Owens, Libbey-Owens Gas Dept.
Address p. O. Box 4158, Charleston 4, W. Va.
Farm Pattie M. Porter Acres 730
Location Guyandot River
Well No. 9 (OLO Serial No. 811) Elev. 770
District Laurel Hill County Lincoln
Mineral Pattie M. Porter et al
2024-A Park Ave., Richmond, Va.
Commenced 12/15/50
Completed 2/23/51
Date Shot 2/26/51 from 2201 to 3659
With 14,500# detonite
Volume BI 8 M, Shells & shale 66 M
Rock Pressure Injun 338# 40 hrs.
Shale 227# 40 hrs.

Surface			0	15	Lime Shell	Dark Hard	2117	2137
Sand	white	soft	15	46	Sl. & shs.	Dark Hard	2137	2167
Slate	Dark	Soft	46	95	Sl. & shs.	White Hard	2167	2410
Coal	Dark	Sort	95	100	Slate	White Med.	2410	2445
Sand	White	Soft	100	177	Slate	white soft	2445	2493
Slate	Dark	Soft	177	200	Shale	brown soft	2493	2554
Sand	White	Hard	200	223	Sl. & shs.	White hard	2554	2635
Slate			223	225	Shale	brown soft	2635	2735
Sand		2	225	287	Shale & shs.	brown soft	2735	2945
Slate	Dk.	Sort	287	327	Shale	brown soft	2945	3025
Sl. & shs.			327	402	Shale & shs.	Dark hard	3025	3070
Sl. & Shs.	Dark	Soft	402	452	Shale	Dark Hard	3070	3114
Sand	White	Hard	452	495	Shale & shs.	brown hard	3114	3165
Slate & Shs.	White	Hard	495	537	Shale	dark hard	3165	3210
Slate	Dark	Soft	537	579	Shale & shs.	brown hard	3210	3252
Salt sand	White	Hard	579	660	Sl. & shs.	white soft	3252	3294
Settling sd.	white	Hard	660	710	Sl. & shs.	white hard	3294	3472
Salt Sand	White	Hard	710	810	Slate	white hard	3472	3514
Slate	Dark	Soft	810	822	Slate	white hard	3472	3514
Salt sand	White	Hard	822	1019	Sl. & shs.	white soft	3514	3545
Broken sand	White		1019	1044	Shale	brown soft	3545	3560
Salt sand	White	Hard	1044	1105	Shale	dark hard	3560	3658
Slate		Soft	1105	1120	Corniferous			
Sl. & Shs.	White	Med.	1120	1150	Lm.	dark hard	3658	3659
Slate	White	Soft	1150	1175	Total Depth			3659 SLM
Slate	Dark	Med.	1175	1238				
Maxton Sand	White	Hard	1238	1275	Note:			
Little Lime	Dark	Hard	1275	1304	Water 135' enough to drill with			
Slate	Dark	Soft	1304	1310	Water 665 probably salt water no quantity			
Big Lime	Dark	Hard	1310	1317	reports.			
Big Lime	White	Hard	1317	1332	Gas 1543-1553 22/10th W 22/10 5/8" 14 M			
Big Lime	Dark	Hard	1332	1338	Gas 2100-05 show			
Big Lime	White	Hard	1338	1350	Gas 2232 show			
Big Lime	Dark	Hard	1350	1366	Gas 2554 show			
Big Lime	White	Hard	1366	1387				
Big Lime	Yellow	Hard	1387	1408	Test before shot 4.9 M			
Big Lime	White	Hard	1408	1512	12 hrs. after shot 85 M			
Big Injun	Red	Soft	1512	1531				
Big Injun	Gray	Soft	1531	1656				
Sl. & Shell	Dark	Soft	1565	1640				
Slate	Dark	Soft	1640	1674				
Sl. & Shs.	Dark	Soft	1674	1725				
Slate	Dark	Soft	1725	1735				
Lime Sh.	Black	Hard	1735	1765				
Lime	Dark	Hard	1765	1785				
Lime shs.	Dark	Hard	1785	1815				
Sl. & shs.	Dark	Hard	1815	1845				
Lime shs.	Dark	Hard	1845	1871				
Sl. & shs.	Dark	Med.	1871	1887				
Sl. & Shs.	White		1887	2057				
Slate	Dark	Soft	2057	2094				
Berea sand	white	hard	2094	2105				
Slate	White	hard	2105	2112				
Shell	Dark	hard	2112	2117				