



WEST VIRGINIA DEPARTMENT OF MINS  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. WAYNE 813  
Midkiff Quad.

Gas

Company	Owens, Libbey-Owens Gas Dept.	CASING & TUBING	
Address	Box 4150, Charleston 4, W. Va.		
Farm	Louisa Collins Acres 656	3 1/2	610
Well No.	5 (OLO NO. 844) Elev. 1294.40	5 5/8	2078
District	Grant County - Wayne		610
Mineral	Mrs. Louisa Collins, 544 Bridge Street Huntington, W. Va.		2078
Commenced	12/7/51		
Completed	3/17/52		
Date Shot	3/20/52 from 3103 to 4194		
With	10,000# Detonite		
Volume	Shale, 47 M		
R.P.	300# 72 hours		

Surface	Yellow	0	4	Lime	Light	2715	2717
Sand	Yellow	4	14	Shells, broken	Dark	2746	
Red Rock	Red	14	83	Packer Shell	Dark	2746	2756
Sand	Yellow	83	98	Lime	Black	2756	2776
Slate	White	98	105	Packer Shell	Dark	2776	2810
Sand	White	105	210	Shells	Light	2810	2951
Coal	Black	210	216	Shells, broken	White	2951	2991
Slate	Blue & Wh.	216	273	Slate	White	2991	3037
Sand	White	273	298	Sl.&Shells	Dark	3037	3078
Slate	White	298	350	Shell	Dark	3078	3100
Sand	White	350	400	Br. Shale	Brown	3100	3150
Coal	Black	400	405	Br. Shale	Brown	3150	3190
Sand	White	405	435	Shale & Shell	Dark	3190	3556
Slate	White	435	490	Br. Shale	Brown	3557	3812
Sand	White	490	609	Slate	White	3812	3891
Sl.&Shells	Dark	609	725	Sl.&Shells	White	3891	3961
Sand	White	725	735	Slate	Wh.&Dk.	3961	4061
Sl.&Shells	Dark	735	974	Slate	White	4061	4130
Sand	White	974	994	Shale	Brown	4130	4167
Slate	White	994	1020	Shale	Dark	4167	4192
Sand	White	1020	1047	Corniferous Lime	Dark	4192	4194
Sl.&Shells	Dark & Wh.	1047	1173				
Salt Sand	Dk.&Wh.	1173	1296	TOTAL DEPTH			4194
Sett. Sand	White	1296	1335				
Salt Sand	White	1335	1360	Gas 615' Show			
Slate	Black	1360	1370	Gas 815' Show			
Salt Sand	White	1370	1562	Gas 1255' Show			
Slate		1562	1572	Water, salt 1286			
Slate	Dark	1572	1612	Water level 604'			
Sl.&Shells	Dark	1612	1686	Water 1544-1572 level 712'			
Sand	Wh.&Dk.	1686	1720	Gas 3826 Show			
Sand	White	1720	1758	Test B.S. 173 cu.ft.			
Water Sand	White	1758	1811				
Sand	White	1811	1833	Shut in 7" casing.			
Salt Sand	White	1833	1867				
Slate break	Dark	1867	1875				
Little Lime	Dark	1875	1907				
Slate break	Dark	1907	1912				
Lime	Gray	1912	1935				
Big Lime	Wh.&Gray	1935	2118				
Big Injun	Red & Blue	2118	2175				
Sand, broken	Dark		2175				2189
Shells	Light	2189	2411				
Slate	Light	2411	2446				
Shell	Light	2446	2455				
Lime Shell	White	2455	2476				
Slate	Dark	2476	2478				
Shells	Light	2478	2513				
Shells, broken	Lt.	2513	2550				
Shells	Light	2550	2567				
Lime, broken	Wh.	2567	2631				
Shells	Light	2631	2662				
Lime, broken	White	2662	2675				
Coffee Shale	Brown	2675	2705				
Berea Sand	Gray	2705	2715				