

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Boo-414

Well

Madison Quad.

CASING & TUBING

Company	Hope Natural Gas Co.	8-1/4	1121	1121
Address	Clarksburg, W. Va.	6-5/8	1335	1335
Farm	Julian Hill ACRES 333	5-3/16	4253	4253
Location	Turtle Creek	Not cemented		
Well No.	7812 ELEV. 1024	No coal found		
District	Washington County Boone			
Surface & Mineral	-			
Drilling commenced	July 4, 1938			
Drilling completed	Oct. 15, 1938			
Date shot	-			
Open Flow	-			
Volume	- 6 amcf } vol XVI → dry in Oriskany; P.B. to to Berea to produce gas.			
Rock Pressure	- 300 lbs			
Oil	-			
Fresh Water	562			
Salt Water	405			

Formation Color ^{HT} TOP Base Result Formation Color ^{HT} TOP Base Result

Clay		0	15		Grey shale		3580	3984	Sample
Slate		15	25		Brown Shale		3984	4075	studied
Sand		25	38		Lime		4075	4088	
Slate		38	263		Shale		4088	4190	
Sand		263	312		Marcellous Shale		4190	4232	
Slate & Shell		312	320		Corniferous Lime		4232	4297	ONDG-4232
First Salt		320	435	W-405	Sand		4297	4305	CRSK-4297
Slate		435	438		Sandy		4305	4325	HBBG-
Sand		438	465		Lime		4325	4382-1/2	4305
Slate		465	475		Total Depth			4382-1/2	485
Second Salt		475	700	W-560					
Slate		700	704						
Sand		704	1047						
Lime		1047	1060						
Sand		1060	1085						
Slate		1085	1088						
Rock		1088	1095						
Lime		1095	1100						
Slate		1100	1105						
Red Rock		1105	1121						
Lime Shells		1121	1160						
Red Rock		1160	1170						
Slate-shells		1170	1205						
Lime		1205	1239						
Slate		1239	1242						
Lime		1242	1256						
Pencil		1256	1260						
Lime & Slate		1260	1295						
Big Lime		1295	1490	G-1331-1441					
Big Injun Sand		1490	1532	" 1443 to 1450					
Lime Shell		1532	1550	" 1467 to 1472					
Slate		1550	1620	" 1490 to 1498					
Thin Sand		1620	1670						
Slate		1670	1850						
Lime		1850	1870						
Slate & Shells		1870	1935						
Lime		1935	1958						
Brown Shale - Office		1958	1973						
Berea Sand		1973	2005	G-1976 to 1980					
Lime shell		2005	2225	" 1982 to 1989					
Sand		2225	2245						
Slate & Shell		2245	2575						
White shale		2575	2605						
Slate & Shell		2605	3149						
Shale		3149	3205						
Lime shell		3205	3390						
Brown Shale		3390	3412						
Lime shell		3412	3440						
Brown shale		3440	3580						

4332
1024
3208

4297
1024
3273

deep