



Company	Hope Natural Gas Company
Address	Clarksburg, W. Va.
Farm	Enoch C. Morgan
Tract	Acres 198 Lease No
Well (Farm) No.	1 Serial No. 7738
Elevation (Spirit Level)	1184' nc
Quadrangle	Clarksburg
County	Marion District Lincoln
Engineer	S. H. Bradley
Engineer's Registration No.	135
File No.	Drawing No.
Date	5-10-37 Scale 1" = 40 poles

STATE OF WEST VIRGINIA
Department of Mines
OIL AND GAS DIVISION
Charleston

WELL LOCATION MAP

File No. MAR-58D

Denotes location of well on U. S. 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.

Bk-608. P. 29-35

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Mar-58-D

Gas Well

Clarksburg Quad.

CASING & TUBING

Company	Hope Natural Gas Co.	10	430	430
Address	Clarksburg, W. Va.	8-1/4	1400	1400
Farm	Enoch C. Morgan Acres 198	6-5/8	1726	1726
Location	Helen's Run	5-3/16	2630	Pulled
Well No.	7738	Elev. 1184	Liners Used:	
District	Lincoln	County Marion	5-3/16	503
Surface & Mineral	-			
DRILLING DEEPER:			CASING CEMENTED:	
Commenced	5-28-37		Size - 10" - Feet -	
Completed	12-21-37		Originally cemented	369-430
Date Shot	11-12-37 & 11-16-37			
Depth of shot	2725-2762 1765-1777			
Open Flow	19/10ths Mers. in 1-1/2"			
Volume	198 M.C.F.			
Rock Pressure	148 lbs. hrs.			
Fresh Water	None recorded			
Salt Water	None Recorded			

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

DRILLING DEEPER RECORD

Started drilling deeper at	1853	1876	Big Injun Sand
Squaw Sand	1915	1935	
Gantz Sand	2225	2259	
Fifty Foot Sand	2310	2338	
Thirty Foot Sand	2390	2418	
Gordon Sand	2590	2542	
Fourth Sand	2604	2651	
Sand	2658	2650	
Sand	2675	2702	Show gas 2690'
Fifth Sand	2750	2777	Gas 2766-2770
Total Depth		2823	

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

Permit No. Mar-58 WELL RECORD Gas Well

Company	- Hope Natl. Gas Company	<u>CASING & TUBING</u>
Address	- Clarksburg, W. Va.	
Farm	- Enoch C. Morgan. Acres-198	10 430
Location	- Helens Run	8 $\frac{1}{4}$ 1400
Well No.	- 7738. Elev. 1184	6-5/8 1726
District	- Lincoln. County- Marion	
Surface & Mineral Address	-	
Drilling	- Commenced- 12-7-36 Completed- 1-19-37	Casing cemented 10" size 71 Ft. Date 12/23/36 Top cement 369 bottom 430
Date Shot	-	Coal was encountered at 242'
Open Flow	-	84"; 389' 84"
Rock Press.	-	
Oil	-	
Fresh water	-	
Salt Water	-	

Formation	Color	Hor	Top	Bottom	Results	Formation	Color	Hor	Top	Bottom	Results
Clay			1	30							
Lime			30	155							
Slate			155	162							
Red Rock			162	242							
Mapletown Coal			242	249							
Pittsburgh Coal			389	396							
Slate			396	430							
Murphy Sand			430	446	Show gas 443						Not enough to test
Slate & Shell			446	500							
Sand		H	500	540							
Slate			540	552							
Red Rock		S	552	558							
Lime	Dark	S	558	735							
Red Rock			735	760							
Lime			760	825							
Slate			825	850							
Big Dunkard Sand			850	930							
Slate			930	970							
Gas Sand			970	1020							
Slate			1020	1052							
Coal			1052	1054							
Lime			1054	1064							
First Salt Sand			1064	1250							
Slate			1250	1298							
Second Salt Sand			1298	1420	Water 1325						Salty
Lime		H	1420	1496							
Maxon Sand			1496	1519							
Lime			1519	1532							
Red Rock			1532	1550							
Lime		H	1550	1580							
Sand - Maxon			1580	1600							
Lime		S	1600	1680							
Little Lime			1680	1695							
Pencil Cave			1695	1708							
Big Lime			1718	1762							
Big Injun Sand		S	1762		Gas 1764-1766-1771-1777						
Total Depth				1853							