

New Location
 Drill Deeper
 Abandonment Partial

Mapsh4156E13FB.532P8

Company Hope Natural Gas Co
 Address Clarksburg, W. Va.
 Farm J.A. Harbert
 Tract _____ Acres 58 Lease No. 4737
 Well (Farm) No. _____ Serial No. 1492
 Elevation (Spirit Level) 1158'
 Quadrangle Clarksburg
 County Harrison District Eagle
 Engineer W.M. Bowen
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 3-19-48 Scale 1" = 400'

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

WELL LOCATION MAP
 FILE NO. HAR-1166-A

+ 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.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

407

WELL RECORD

Permit No. 1166 A

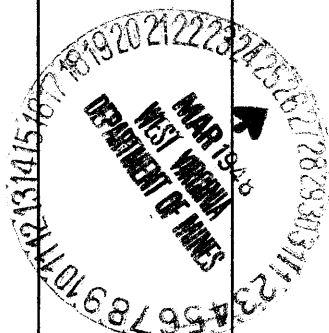
Oil or Gas Well (KIND)

Company Hops Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm J.A. Herbert Acres 58
 Location (waters) _____
 Well No. 1492 Elev. 1158
 District Eagle County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced January 25, 1910
 Drilling completed May 21, 1910
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water 800 1015 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13	20	20	
10	136	136	Size of _____
8 1/4	1044	1044	
6 5/8	1408	1408	Depth set _____
5 3/16	2173	2173	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED 13 SIZE 20 No. Ft. 1910 Date _____
 COAL WAS ENCOUNTERED AT 8 FEET 24 INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			8	10			
Little Dunkard			370	385			
Big Dunkard			515	590			
Gas sand			749	780			
First Salt			795	808	water	800	
Second Salt			846	1030	water	1015	
Maxon			1200	1205			
			1312	1324			
Little Lime			1324	1355			
Pencil cave			1324	1355			
Big Lime			1355	1405			
Big Injun			1405	1480			
Squaw			1510	1528	gas	1520	
Fifty foot			1860	1950			
Thirty foot			1990	2012	gas	1992	
Gordon stray			2115	2155			
Gordon			2165	2213			
Fourth			2225	2246			
Fifth			2386	2402	gas	2386	
Total depth				2419			



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks

Date March 24, 1948, 19

APPROVED Hope Natural Gas Company, Owner

By _____

(Title) 