



Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	J. M. Lowther
Tract	1 Acres 100 Lease # 27030
Well (Farm) No.	1 Serial No. 6176
Elevation (Spirit Level)	1043
Quadrangle	Holbrook C
County	Ritchie District Union
Engineer	S. H. Bradley
Engineer's Registration No.	135
File No.	Drawing No.
Scale	1" = 400'

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

WELL LOCATION MAP
 File No. RIT-301 d

+ 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.

301A

Union District, Ritchie County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 100 acres.

Elevation, 1043' L.

Drilling commenced 11-25-1922; completed 12-20-1922.

Well was not shot.

No water recorded.

8 1/2" casing, 528'; 6 1/2" casing, 1119'; 5 1/2" casing, 1916'.

Gas well. Abandonment reported to Dept. of Mines Feb. 4, 1937.

Record to ROT from D. G. Courtney (Dept. of Mines) 5-5-37.

	Top.	Bottom.
Little Dunkard Sand	885	907
Big Dunkard Sand	993	1010
Gas Sand	1118	1245
Sand	1270	1305
First Salt Sand	1341	1415
Sand	1610	1639
Second Salt Sand (show gas, 1723')	1705	1760
Marion Sand	1790	1800
Little Line	1833	1864
Pencil Cave	1864	1871
Big Line (gas, 1881-1887')	1871	1948
Big Injun Sand (gas, 1952-1954'; show oil, 1965')	1948	1997
Squaw Sand	2003	2014
Total depth		2025

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. RT-301-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm J. M. Lowther Acres 100
 Location (waters).....
 Well No. 6176 Elev. 1043
 District Union County Ritchie
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced 11-25-1922
 Drilling completed 12-20-1922
 Date shot Not shot Depth of shot.....
 Open Flow /10ths Water in..... Inch
 /10ths Merc. in..... Inch
 Volume..... Cu. Ft.
 Rock Pressure..... lbs..... hrs.
 Oil..... bbls., 1st 24 hrs.
 Fresh water None recorded feet..... feet
 Salt water None recorded feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....			
10.....	<u>528</u>	<u>528</u>	Size of.....
8 1/4.....	<u>528</u>	<u>528</u>	
6 5/8.....	<u>1119</u>	<u>1119</u>	Depth set.....
5 3/16.....	<u>1916</u>	<u>1916</u>	
3.....			Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date.....
 COAL WAS ENCOUNTERED AT..... FEET..... INCHES
 FEET..... INCHES..... FEET..... INCHES
 FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard Sand			885	907			
Big Dunkard Sand			993	1010			
Gas Sand			1118	1245			
Sand			1270	1305			
First Salt Sand			1341	1415			
Sand			1610	1639			
Second Salt Sand			1705	1760	Show Gas	1723	
Maxon Sand			1790	1800			
Little Lime			1833	1864			
Pencil Cave			1864	1871			
Big Lime			1871	1948	Gas	1881-1887	
Big Injun Sand			1948	1997	Gas	1952-1954	
Squaw Sand			2003	2014	Show Oil	1965	
Total Depth				2025			

