



New Location
 Drill Deeper
 Abandonment

1.865
 0.90W
 1.865
 0.90A

F.B. 532 P14-2

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm F. D. Heldreth
 Tract _____ Acres 177 Lease No. 2096
 Well (Farm) No. 1 Serial No. 1197
 Elevation (Spirit Level) 1230
 Quadrangle Clarksburg
 County Harrison District Eagle
 Engineer Wm Bonus
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Dec. 3, 1941 Scale 1" = 40'

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

WELL LOCATION MAP
 FILE NO. HAR-713 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

WELL RECORD

559

AB 713 A

Permit No. 713 A Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm F. D. Heldreth Acres 177
Location (waters).....
Well No. 1197 Elev. 1230
District Eagle County Harrison
The surface of tract is owned in fee by Desty Heldreth
Address Lumberport, W. Va.
Mineral rights are owned by Consolidation Coal Co.
Address Fairmont, W. Va.
Drilling commenced 3-27-1909
Drilling completed 4-20-1909-Deeper in 1917.
Date shot 5-9-17 Depth of shot 2506-2511
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			Kind of Packer.....
16.....			
13.....			
10.....	<u>163</u>	<u>163</u>	Size of.....
8 1/4.....	<u>1149</u>	<u>Pulled</u>	
6 5/8.....	<u>1582</u>	<u>1582</u>	Depth set.....
5 3/16.....	<u>2292</u>	<u>2292</u>	
3.....			Perf. top.....
2.....			Perf. bottom.....
Liners Used			Perf. top.....
			Perf. bottom.....

CASING CEMENTED.....SIZE.....No. Ft.....Date
10" casing is cemented through coal seam.
COAL WAS ENCOUNTERED AT 112 FEET 96 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			112	120			
Little Dunkard			510	540			
Big Dunkard			630	710			
Gas Sand			730	770			
First Salt Sand			890	1224			
Little Lime			1460	1475			
Big Lime			1485	1570			
Big Injun			1570	1681	Gas	1655	
Gordon Stray Sand			2288	2298	Gas	2293	
Gordon Sand			2316	2344			
Fourth Sand			2350	2397			
Sand			2412	2424			
Sand			2439	2458			
Fifth Sand			2506	2511	Gas	2508	
Sand			2524	2531	Gas	2525	
Total Depth			000	2589			

DEC 1941
WEST VIRGINIA
DEPARTMENT OF MINES

