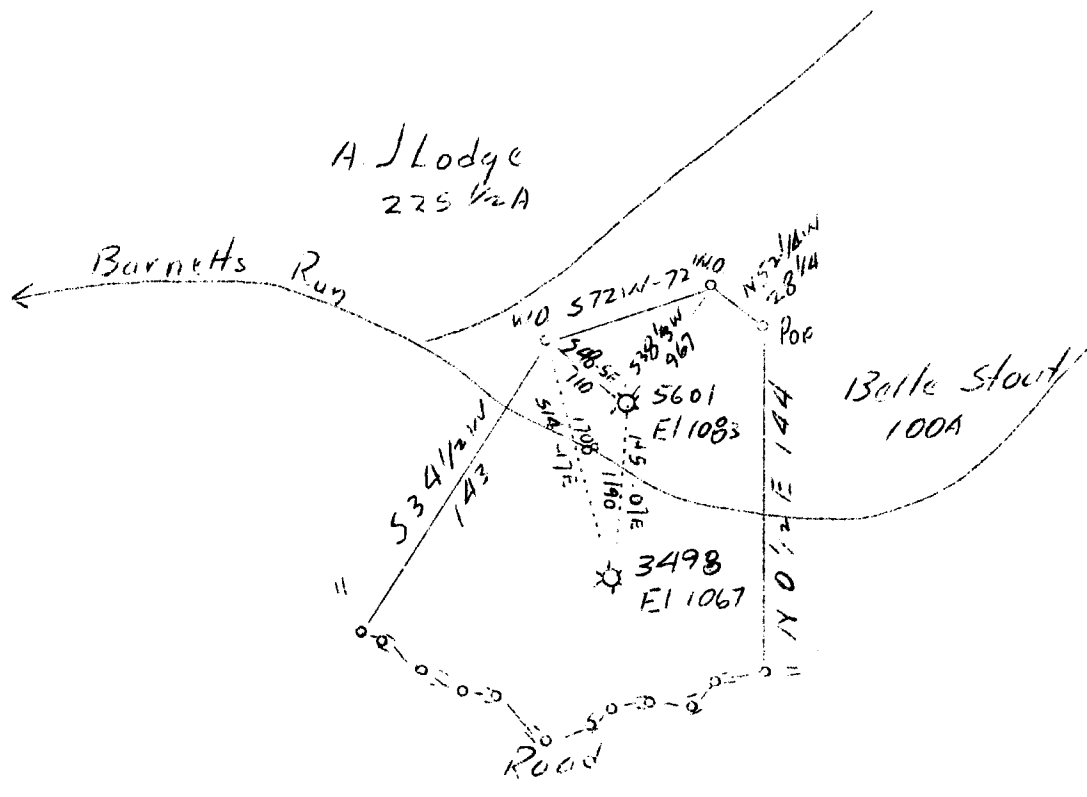


1
-2
-3



1.68
C.18W
1.19 W
1.17 S

1.875
C.18W
1.19 W
1.17 S

Abd. 3498

Company Hope Natural Gas Co
 Address Clarksburg, W. Va.
 Farm John R. Stout
 Tract Acres 130 Lease No. _____
 Well (Farm) No. _____ Serial No. 3498
 Elevation (Spirit Level) 1067 - 1083
 Quadrangle Clarksburg
 County Harrison District Simpson
 Engineer J. C. Clark
 Engineer's Registration No. 744
 File No. _____ Drawing No. _____
 Date 9-20-37 Scale 1" = 80 Po

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

WELL LOCATION MAP
 File No. HAR-403A

+ 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.

F.B. 514 P. 17-21

Simpson District, Harrison County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 130 acres, on Barnett Run.

403A

Elevation, 1067' L.

Drilling commenced 7-10-1914; completed, 9-10-1914.

Shot 9-17-1914, at 1820-1834 and 2340-2364'.

No water recorded.

10" casing, 160'; 8 $\frac{1}{2}$ "⁸, 845'; 6 $\frac{5}{8}$ "⁸, 1260'; 2" tubing, 2513' (pulled).

Casing not cemented. No coal was encountered.

Gas well. Abandonment reported to Dept. of Mines Sept. 20, 1937.

Record to RCT from D. G. Courtney 2-1-38.

	Top.	Bottom.
Little Dunkard Sand	280	- 300
Big Dunkard Sand	320	- 370
Gas Sand	503	- 590
First Salt Sand	600	- 630
Second Salt Sand	632	- 825
Little Lime	1195	- 1212
Pencil Cave	1212	- 1220
Big Lime	1220	- 1254
Big Injun Sand (gas, 1254-1260')	1254	- 1418
Berea? Sand	1485	- 1500
50-Ft. Sand (gas, 1784-1827')	1783	- 1896
30-Ft. Sand	1906	- 1942
Gordon Stray Sand	1948	- 1976
Gordon Sand	1984	- 2015
Fourth Sand	2027	- 2036
Fifth Sand (gas, 2136-2192')	2136	- 2145
Bayard Sand (gas, 2350-2356')	2338	- 2365
Total depth		2513

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

333

WELL RECORD

Permit No. HAR-403-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm John R. Stout Acres 130
 Location (waters) Barnett's Run
 Well No. 3498 Elev. 1067
 District Simpson County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced 7-10-1914
 Drilling completed 9-10-1914
 Date shot 9-17-1914 Depth of shot 1820-1834
2340-2364
 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	160	160	Size of
8 1/4	845	845	
6 5/8	1260	1260	Depth set
5 3/16			
3			Perf. top
2	2513	None	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
Not cemented
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET No coal INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard Sand			280	300			
Big Dunkard Sand			320	370			
Gas Sand			503	590			
First Salt Sand			600	630			
Second Salt Sand			632	825			
Little Lime			1195	1212			
Pencil Cave			1212	1220			
Big Lime			1220	1254			
Big Injun Sand			1254	1418	Gas	1254-1260	
Berea Sand			1485	1500			
Fifty Foot Sand			1783	1896	Gas	1784-1827	
Thirty Foot Sand			1906	1942			
Gordon Stray Sand			1948	1976			
Gordon Sand			1984	2015			
Fourth Sand			2027	2036			
Fifth Sand			2136	2145	Gas	2136-2192	
Bayard Sand			2338	2365	Gas	2350-2356	
Total Depth			2513				



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

Date..... 9/20, 1937

APPROVED Hopewell Natl Gas Co, Owner

By..... [Signature]

(Title)