

New Location
 Drill Deeper
 Abandonment. X

MAP SH. 17 SQ. N-16 E-17 FB. 764 P. 22

Company HOPE NATURAL GAS CO.
 Address CLARKSBURG, W. VA.
 Farm MICHAEL BARR
 Tract _____ Acres 178 Lease No. 3989
 Well (Farm) No. _____ Serial No. 1866
 Elevation (Spirit Level) 1308'
 Quadrangle MANNINGTON
 County MONONGALIA District BATTELLE
 Engineer W.M. Bowen
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 10-29-45 Scale 1" = 40 P.F.

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

WELL LOCATION MAP
 FILE NO. MON-327-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 of original tracing



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

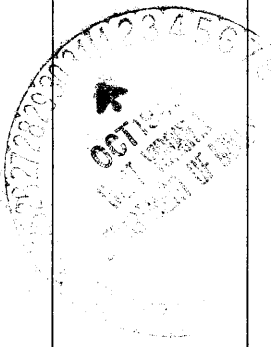
Permit No. **Oil or Gas Well** (KIND)

Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm Michael Barr Acres 178
Location (waters)
Well No. 1866 Elev. 1308
District Batelle County Monongalia
The surface of tract is owned in fee by
Address
Mineral rights are owned by
Address
Drilling commenced August 3, 1910
Drilling completed November 26, 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 2425 feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10 ✓	1367	1367	Size of
8 1/4	1998	1998	
6 5/8	2295	2295	Depth set
5 3/16 ✓	2468	2468	
3	3324	Pulled	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Not cemented
CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT 965 FEET 84 INCHES
1060 FEET 96 INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			965	972			
Pittsburgh Coal			1060	1068			
Little Dunkard			1465	1505			
Big Dunkard			1585	1620			
Gas sand			1750	1835			
First Salt			1845	1885			
Second Salt			1975	2085			
Little Lime			2260	2265			
Pencil cave			2265	2772			
Big Lime			2272	2344			
Big Injun			2344	2504	oil and water	2425	
Squaw			2512	2540			
Gentz			2830	2880			
Fifty foot			2965	3005	gas	2980	
Thirty foot			3045	3075			
Gordon stray			3195	3243			
Gordon			3271	3285			
Fourth			3314		gas	3318	
Total depth				3324			



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

Date October 29, 1945., 194

APPROVED Hope Natural Gas Company., Owner

By *[Signature]*
Ass't. to Gen. Sup't.

