

4.66 S
 #742 0.62 W
 4.82 S
 #3486 0.37 W

New Location
 Drill Deeper
 Abandonment (742)

Map Sh 54 Sq. S 7 E 1-2 FB 548 P 23

Company Hope Natural Gas Co.
 Address Clarksburg, W. Va.
 Farm A.W. Estlack
 Tract _____ Acres 130 Lease No. 3976
 Well (Farm) No. _____ Serial No. As Shown
 Elevation (Spirit Level) As Shown
 Quadrangle Center Point
 County Doddridge District McClellan
 Engineer W.M. Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 8-13-47 Scale 1" = 40 P.

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

WELL LOCATION MAP
 FILE NO. DGD-575-A -#742

+ 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.

A. W. ESTLACK NO. 3486 WELL.

McClellan District, Doddridge County, W. Va.
By Hope Natural Gas Co., 425 W. Main St., Clarksburg, W. Va.
Abandoned under permit Dod-.....-A?

On 130 acres.

Elevation, 1160ft L.

Drilling commenced July 7, 1914; completed Sept. 11, 1914.

Salt water at 1719-1726'.

10" casing, 412' (pulled); 8" ", 1364' (pulled); 6" ", 2126'; 5" ", 2853';
2" tubing, 3017'.

Casing not cemented.

Coal was encountered at 316-320 and 838-845'.

Gas well. Record to Dept. of Mines dated Aug. 23, 1949.

Record to RCT from Mrs. Griffith Nov. 4, 1949. Old File No. 674.

	Top.	Bottom.
Native coal	316	- 320
Pittsburgh Coal	838	- 845
Big Duckard Sand	1365	- 1370
First Salt Sand	1585	- 1620
Second Salt water (water, 1719-26', 12 bailers per hour)	1677	- 1759
Maxton Sand (show gas, 1910')	1868	- 1920
Little Line	2062	- 2075
Pencil Cave	2075	- 2087
Big Line	2087	- 2153
Big Injun Sand (show gas, 2213')	2153	- 2285
Squaw Sand	2400	- 2527
Fifty-foot Sand	2645	- 2660
Gordon Stray Sand	2847	- 2866
Gordon Sand	2900	- 2911
Fourth Sand (gas, 2925-2934')	2919	- 2949
Bayard Sand	3175	- 3183
Total depth		3017
Filled back to		2991



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

674

WELL RECORD

Permit No. 789-A

2035r Gas Well (KIND)

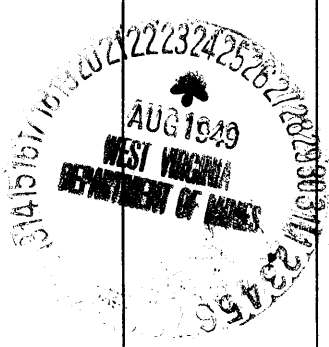
Company Hope Natural Gas Company.
Address 445 West Main St. Clarksburg, W. Va.
Farm A.W. Estlack Acres 130
Location (waters) _____
Well No. 3486 Elev. 1160
District McClellan County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced July 7, 1914
Drilling completed September 11, 1914
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 1719 1726 feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	412	Pulled	Size of
8 1/4	1364	Pulled	
6 5/8	2126	2126	Depth set
5 3/16	2853	2853	
3			Perf. top
2	3017	3017	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ NOT _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 316 FEET 48 INCHES
838 FEET 84 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			316	320			
Pittsburg Coal			838	845			
Big Dunkard			1365	1370			
First Salt			1595	1620			
Second Salt			1677	1759			
Maxon			1868	1920	water 1719 show gas	26 12 bailers 1910	per hr.
Little Lime			2062	2075			
Pencil cave			2075	2087			
Big Lime			2087	2153			
Big Injun			2153	2285			
Squaw			2400	2527	show gas	2213	
Fifty foot			2645	2660			
Gordon stray			2847	2866			
Gordon			2900	2911			
Fourth			2919	2949	gas	2925 2934	
Bayard			3175	3183			
Total depth				3341			
Filled back to				2991			



(Over) NOV - 4 1914

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

Date August 23, 1949, 19

APPROVED Hope Natural Gas Company., Owner

By _____ (Title)