

New Location
 Drill Deeper
 Abandonment

Map Sheet 44 - Square 59 E 13 - F.B. 515 P. 2 & 25

Company Hope Natural Gas Co.
 Address Clarksburg W. Va.
 Farm Ruth E Drummond
 Tract _____ Acres 6 3/4 Lease No. 4917
 Well (Farm) No. 1 Serial No. 1564
 Elevation (Spirit Level) 1170
 Quadrangle Clarksburg
 County Harrison District Eagle
 Engineer Wm Bowen
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Aug. 19, 1941 Scale 1" = 300'

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

WELL LOCATION MAP
 FILE NO. HAR-670A

+ 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

Oil or Gas Well Gas
(KIND)

Permit No. 67A

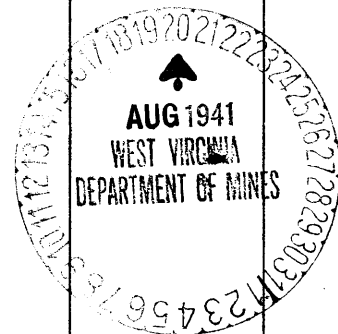
Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm R. E. Drummond Acres 6 3/4
Location (waters).....
Well No. 1564 Elev. 1170
District Eagle County Harrison
The surface of tract is owned in fee by Wm. Smith
Route #3 Address Clarksburg, W. Va.
Mineral rights are owned by.....
Address.....
Drilling commenced February 10, 1910.
Drilling completed April 1, 1910.
Date shot..... Depth of shot.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16			
13	97	97	
10			Size of.....
8 1/4	1037	Pulled	
6 5/8	1515	1515	Depth set.....
5 3/16	2184	2184	
3			Perf. top.....
2			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

Open Flow /10ths Water in..... Inch
/10ths Merc. in..... Inch
Volume..... Cu. Ft.
Rock Pressure..... lbs..... hrs.
Oil..... bbls., 1st 24 hrs.
Fresh water 65' feet..... feet
Salt water 910-930 & 1020 feet..... feet

CASING CEMENTED..... SIZE..... No. Ft..... Date
15" casing cemented 97' to surface
COAL WAS ENCOUNTERED AT 70 FEET 72 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			70	Est. 76			
Little Dunkard Sand			440	510			
Big Dunkard Sand			580	665			
Gas Sand			735	790			
First Salt Sand			820	880			
Second Salt Sand			882	1045	Water	910 930-1020	
Little Lime			1420	1430			
Pencil Cave			1430	1445			
Big Lime			1445	1515			
Big Injun Sand			1515	1590			
Squaw Sand			1610	1635			
Berea Sand			1815	1830			
Gantz Sand			1955	1975			
Fifty Foot Sand			2010	2070	Gas	2045	
Thirty Foot Sand			2075	2120			
Gordon Stray Sand			2194	2212			
Gordon Sand			2218	2240			
Fourth Sand			2294	2350	Gas	2296	
Fifth Sand			2462	2469	Gas	2465	
Total Depth			2481				



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

Date..... August 19, 1941, 194.....

APPROVED..... Hopa Natural Gas Company, Owner

By..... [Signature], General Supt.
 (Title)