



0.88S                      3.64 W  
 3.60W                      19 S

ABD.

FB.669 P2B S15E7 5n.55'

Company	Hope Natural Gas Co.
Address	Clarksburg, W. Va.
Farm	L. R. Bise
Acres	4
Lease No.	23811
Well (Farm) No.	One
Serial No.	2143
Elevation (SL)	1125
Quadrangle	Weston
County	Harrison
District	Union
Engineer	W. M. Bowers
Eng. Reg. No.	900
Date	Feb. 10, 1939
Scale	1" - 200'

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

WELL LOCATION MAP

File No. Har-404-F

x 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.

464A

Union District, Harrison County, W. Va.

By Hope Natural Gas Co., Clarksburg, W. Va.

On 4 acres, on Tenmile Creek.

Elevation, 1125' L.

Drilling commenced Aug. 22, 1910; completed, Sept. 23, 1910.

Shot Sept. 25, 1910, in 5th Sand.

No water recorded.

10" casing, 135'; 8 $\frac{1}{2}$ "#, 917' (pulled); 6 $\frac{5}{8}$ "#, 1559'; 2" tubing, 2457' (pulled).

Casing not cemented.

Coal was encountered at 90-95'.

Gas well. Abandonment reported to Dept. of Mines Feb. 10, 1939.

Record to RCT from Mrs. Griffith March 6, 1939.

	Top.	Bottom.
Pittsburgh Coal	90	- 95
Lime	125	- 290
Big Dunkard Sand	590	- 668
Gas Sand	835	- 900
Sand	1235	- 1310
Pencil Cave	1487	- 1495
Big Lime	1500	- 1588
Big Injun Sand	1588	- 1663
Squaw Sand	1700	- 1721
Thirty-foot Sand (gas, 2015')	2014	- 2069
Gordon Stray Sand	2133	- ....
Gordon Sand (gas, 2153')	2150	- 2160
Sand	2165	- 2185
Fourth Sand	2200	- 2240
Fifth Sand (gas, 2430')	2427	- 2437
Slate	2437	- 2457
Total depth		2457

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

380

17AR-464-A

WELL RECORD

Permit No. ....

Oil or Gas Well Gas  
(Kind)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm L. R. Rice Acres 4  
Location (waters) Ten Mile Creek  
Well No. 2143 Elev. 1125  
District Union County Harrison  
The surface of tract is owned in fee by.....  
Address.....  
Mineral rights are owned by.....  
Address.....  
Drilling commenced 8-22-1910  
Drilling completed 9-23-1910  
Date shot 9-25-1910 Depth of shot 5th sand  
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.....	<u>135</u>	<u>135</u>	Size of.....
8 1/4.....	<u>917</u>	<u>Pulled</u>	
6 5/8.....	<u>1559</u>	<u>1559</u>	Depth set.....
5 3/16.....			
3.....	<u>2457</u>	<u>Pulled</u>	Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date  
Not cemented  
COAL WAS ENCOUNTERED AT 90 FEET 60 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		90	95			
Lime			125	290			
Big Dunkard	Sand		590	668			
Gas Sand			835	900			
Sand			1235	1310			
Pencil Cave			1487	1495			
Big Lime			1500	1588			
Big Injun	Sand		1588	1663			
Squaw Sand			1700	1721			
Thirty Foot	Sand		2014	2069	Gas	2015	
Gordon Stray	Sand		2133				
Gordon Sand			2150	2160	Gas	2153	
Sand			2165	2185			
Fourth Sand			2200	2240			
Fifth Sand			2427	2437	Gas	2430	
Slate			2437	2457			
Total Depth				2457			

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

Date February 10,....., 19 39

APPROVED Hope Natural Gas Company....., Owner

By *W. R. Reed*..... General Supt.  
 (Title) *W. R. Reed*