



Company Hope Natural Gas Co. 0384
 Address Clarksburg, West Va.
 Farm L. S. Horner
 Tract Acres 39-9/10 Lease No.
 Well (Farm) No. 1 Serial No. 1170
 Elevation (Spirit Level) 930'
 Quadrangle Clarksburg **(C)**
 County Harrison District Eagle
 Engineer S. H. Bradley
 Engineer's Registration No. 135
 File No. _____ Drawing No. _____
 Date 4-6-37 Scale 1" = 400'

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

WELL LOCATION MAP
 File No. HAR-373A

+ 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.

Bk-530, P. 18

Eagle District, Harrison County, W. Va.
 By Hope Natural Gas Co., Clarksburg, W. Va.
 On 39.9 acres, on Jones Run.

373A

Elevation, 930' L.

Drilling commenced 2-10-1909; completed 4-6-1909.

Shot April, 1916, in 4th and 5th Sands.

No fresh water recorded; salt water at 740'.

10" casing, 191' (pulled); 8 $\frac{1}{2}$ " casing, 891' (pulled); 6 $\frac{1}{2}$ " casing, 1264';

5 $\frac{1}{2}$ " casing, 2020'; 2" tubing, 2300' (pulled);

Casing not cemented. Well started 100' below coal. (Pittsburgh?)

Gas well. Abandonment reported to Dept. of Mines April 7, 1937.

Record to RCF from D. C. Courtney 2-1-38.

	Top.	Bottom.
Little Dunkard Sand	355	- 380
Big Dunkard Sand	450	- 500
Gas Sand	580	- 700
First Salt Sand (water, 740')	705	- 772
Second Salt Sand	775	- 795
Third Salt Sand	800	- 925
Little Lime	1171	- 1183
Pencil Cave	1183	- 1188
Big Lime	1188	- 1243
Big Injun Sand (gas, 1265')	1258	- 1336
Squaw Sand	1346	- 1372
50-Ft. Sand	1783	- 1840
30-Ft. Sand	1847	- 1983
Gordon Stray Sand	2040	- 2060
Gordon Sand (gas, 2077')	2077	- 2082
Fourth Sand (gas, 2153')	2153	- 2172
Fifth Sand (gas, 2242')	2239	- 2251
Total depth		2287

WEST VIRGINIA DEPARTMENT OF MINES
OIL AND GAS DIVISION

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WELL RECORD

Permit No. HAR-373-A

Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
 Address Clarksburg, W. Va.,
 Farm L. S. Corner Acres 39-9/10
 Location (waters) Jones Run
 Well No. 1170 Elev. 930
 District Eagle County Harrison
 The surface of tract is owned in fee by.....
 Address.....
 Mineral rights are owned by.....
 Address.....
 Drilling commenced ~~11-10-1907~~ 2-10-1909
 Drilling completed 4-6-1909
 Date shot April 1916 Depth of shot 4th & 5th sands
 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 740 feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16.....			Kind of Packer.....
13.....			
10.....	<u>191</u>	<u>None</u>	Size of.....
8 1/4.....	<u>891</u>	<u>None</u>	
6 5/8.....	<u>1264</u>	<u>1264</u>	Depth set.....
5 3/16.....	<u>2020</u>	<u>2020</u>	
3.....			Perf. top.....
2.....	<u>2300</u>	<u>None</u>	Perf. bottom.....
Washers Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. FT..... Date
Not cemented
100' Below Coal
 COAL WAS ENCOUNTERED AT..... FEET..... INCHES
 FEET..... INCHES..... FEET..... INCHES
 FEET..... INCHES..... FEET..... INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard Sand			355	380			
Big Dunkard Sand			450	500			
Gas Sand			580	700			
First Salt Sand			705	772	water	740	
Second Salt Sand			775	795			
Third Salt Sand			800	925			
Little Lime			1171	1183			
Pencil Cave			1183	1188			
Big Lime			1188	1243			
Big Injun Sand			1258	1336	Gas	1285	
Squaw Sand			1346	1372			
Fifty Foot Sand			1783	1840			
Thirty Foot Sand			1847	1903			
Gordon Stray Sand			2040	2060			
Gordon Sand			2077	2082	Gas	2077	
Fourth Sand			2153	2172	Gas	2153	
Fifth Sand			2239	2251	Gas	2242	
Total Depth				2287			

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

Date 4/7 1937
 APPROVED Hope Oil & Gas Co, Owner
 By [Signature]
 (Title) mn