

Company Hope Natural Gas Co
 Address Clarksburg, W.Va.
 Farm S.R. Gain
 Tract _____ Acres 111 Lease No. 10072
 Well (Farm) No. _____ Serial No. 1194
 Elevation (Spirit Level) 1082'
 Quadrangle Centerpoint
 County Doddridge District Grant
 Engineer W.M. Bowen
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date 6-24-48 Scale 1"=40P

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

WELL LOCATION MAP
 FILE NO. DOD-670-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 line of original tracing.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

572

WELL RECORD

Permit No. 670A

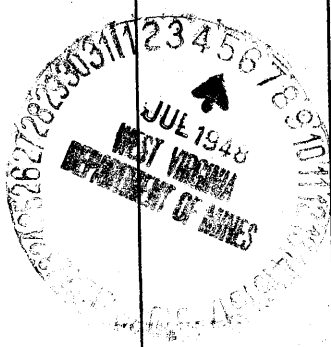
~~Oil~~ or Gas Well (KIND)

Company Hope Natural Gas
Address 445 West Main St., Clarksburg W.Va.
Farm S.R. Gain Acres 111
Location (waters) _____
Well No. 1194 Elev. 1052
District Grant County Doddridge
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced 3-29-09
Drilling completed 5-6-09
Date Shot 10-20-44 From 2068 To 2078
With 40 Quarts
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 1521 feet
Salt water 1354 feet 1752 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	1060	none	Size of
8 1/4	1514	1514	
6 1/2	1931	1931	Depth set
5 3/16			
3	2178	2178	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED **NOT** SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 314 FEET 72 INCHES
595 FEET 60 INCHES FEET INCHES
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			314	320			
Coal			595	600			
Big Dunkard			1115	1150			
Gas Sand			1240	1318			
First salt sand			1342	No record	Water	1354	
Second Salt Sand			1476	1524	Water	1521	
Third Salt sand			1575	1661			
Maxon			1740	1764	Water	1752	
Little Lime			1847	1872	Gas	1752	
Pencil Cave			1872	1883			
Big Lime			1883	1938			
Big Injun			1938	2080	Gas	1941-2070-75	
Slate & Shells			2080	2225			
Berea			2225	2305			
Slate & Shells			2305	2420			
Shells			2420	2445			
Slate & Shells			2445	2645			
Gordon			2645	2655			
Slate & Shells			2655	2711			
Fourth Sand			2711	2715			
Total Depth				2733			
Filled up to present depth of				2178 in November 1911.			



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

Date July 2, 1948, 19

APPROVED Hope Natural Gas Company., Owner

By _____

(Title)

