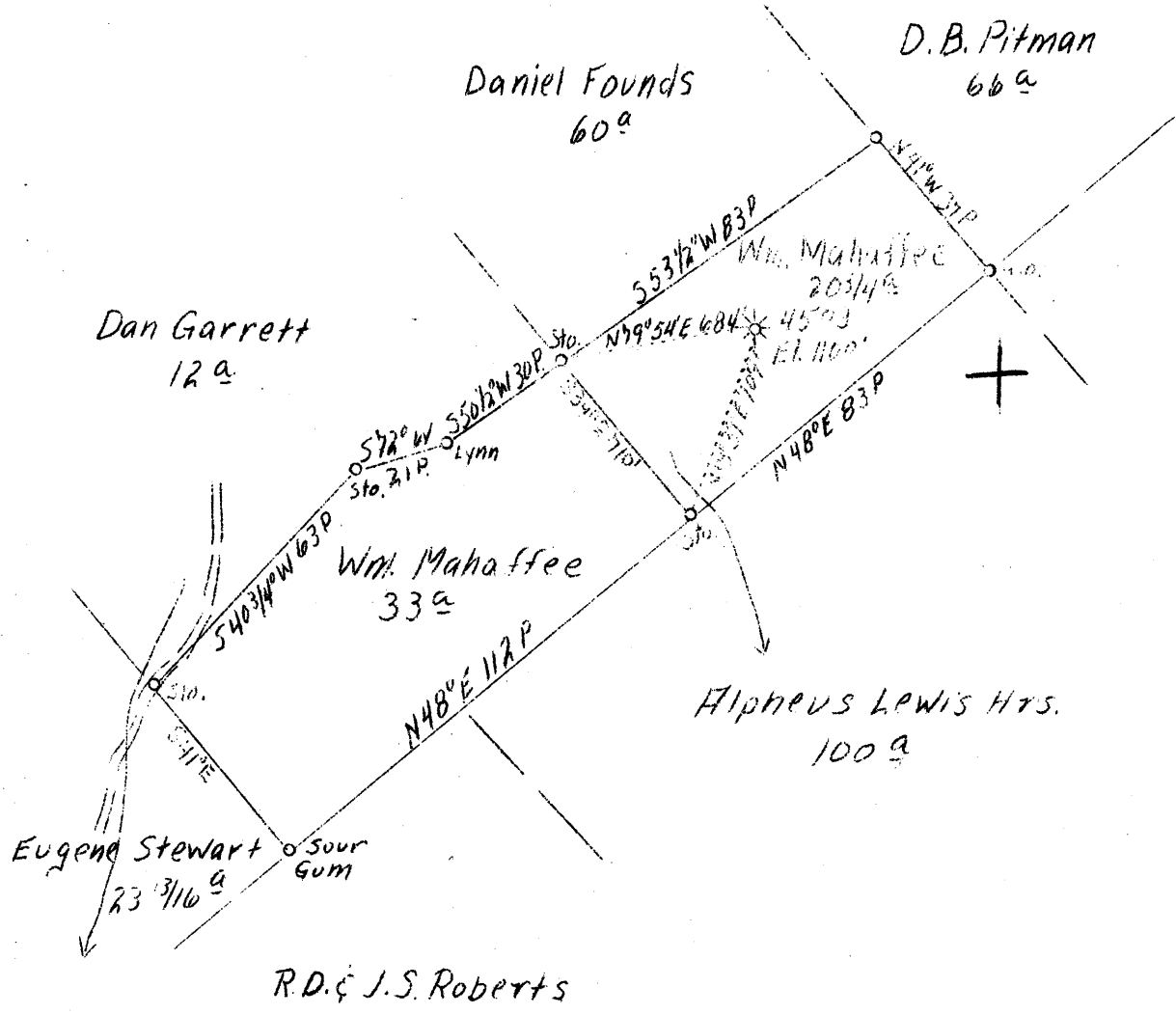


LATITUDE 39° 35'

LONGITUDE 80° 45'



1.66 to 7W  
 3.58 3.16

APR 10 1939

F.B. 669 P39-40 N7W9 Sh. 47

ABD.

Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm Wm. H. Mahaffee  
 Acres 54  
 Lease No. 5889  
 Well (Farm) No. 1  
 Serial No. 4503  
 Elevation (SL) 1100  
 Quadrangle New Martinsville  
 County Tyler  
 District Ellsworth  
 Engineer W. M. Bowers  
 Eng. Reg. No. 900  
 Date March 24, 1939  
 Scale 1" - 40 poles

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

WELL LOCATION MAP

File No. TVI-202-A

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.

SE

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

284

Permit No. Ad-202A

WELL RECORD

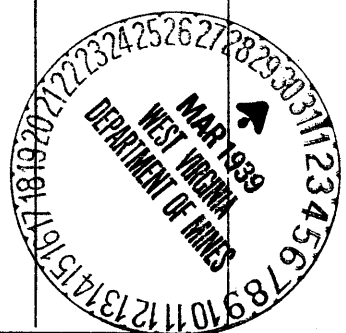
Oil or Gas Well Gas  
(Kind)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm Wm. H. Mayhaffee Acres 54  
Location (waters) Elk Fork  
Well No. 4503 Elev. 1100  
District Glenn County Taylor  
The surface of tract is owned in fee by Wm. B. Jones  
RFD #2. Address NewMartinsville, W. Va.  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 9-27-1916  
Drilling completed 11-16-1916  
Date shot Not shot Depth of shot \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	305	305	Size of
8 1/4	1383	1383	
6 5/8	2016	2016	Depth set
5 3/16	2412	2412	
3			Perf. top
2	2930	2930	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Volume \_\_\_\_\_ Cu. Ft. CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs. Not cemented  
Oil \_\_\_\_\_ bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT 310 FEET 60 INCHES  
Fresh water None recorded feet \_\_\_\_\_ feet 775 FEET 36 INCHES FEET INCHES  
Salt water 1355-1375 feet \_\_\_\_\_ feet \_\_\_\_\_ FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Native Coal			310	315			
Pittsburgh Coal			775	778			
Little Dunkard Sand			1150	1156			
Big Dunkard Sand			1250	1280			
Gas Sand			1315	1430	Water	1355-1375	
First Salt Sand			1465	1505			
Second Salt Sand			1660	1830			
Little Lime			1929	1959			
Pencil Cave			1959	1967			
Big Lime			1967	2037			
Big Injun Sand			2037	2277	Gas	2037-2052	
Gantz Sand			2495	2515			
Thirty Foot Sand			2740	2755			
Gordon Stray Sand			2860	2875	Gas	2863	
Gordon Sand			2880	2890	Gas	2890	
Total Depth				2935			



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

Date March 29, 19 39

APPROVED Hope Natural Gas Company, Owner

By [Signature] General Supt.  
(Title)