

New Location   
 Drill Deeper   
 Abandonment

MAR - 3 1940

0.7 W  
 1.8 V D

FB. 685 P. 40

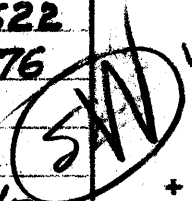
Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm J. C. Morrow  
 Tract \_\_\_\_\_ Acres 120 Lease No. 10622  
 Well (Farm) No. \_\_\_\_\_ Serial No. 4676  
 Elevation (Spirit Level) 904  
 Quadrangle New Martinsville  
 County Tyler District Lincoln  
 Engineer W. J. ...  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Feb. 20, 1940 Scale 1" = 40'

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

WELL LOCATION MAP  
 FILE NO. TYL-236A

+ 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

301  
Gas

Abund  
236A  
Permit No. \_\_\_\_\_

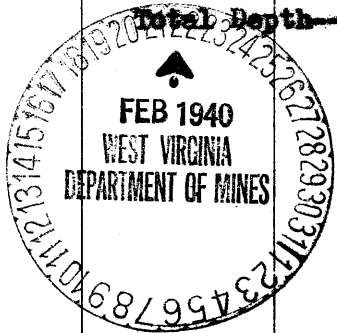
Oil or Gas Well \_\_\_\_\_  
(Kind)

Company **Hope Natural Gas Company**  
 Address **Clarksburg, W. Va.**  
 Farm **J. C. Morrow** Acres **120**  
 Location (waters) **Willow Fork**  
 Well No. **4667** Elev. **904**  
 District **Lincoln** County **Tyler**  
 The surface of tract is owned in fee by **John R. Grines**  
 R #1. Address **Sistersville, W.Va.**  
 Mineral rights are owned by **do.**  
 Address \_\_\_\_\_  
 Drilling commenced **4-10-1917**  
 Drilling completed **5-5-1917**  
 Date shot **11-27-1928** Depth of shot **1740-1745**  
 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 **1275-1335** feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10	<b>175</b>	<b>Pulled</b>	Size of
8 1/4	<b>940</b>	<b>Pulled</b>	
6 5/8	<b>1695</b>	<b>1695</b>	Depth set
5 3/16			
3			Perf. top
2	<b>1782</b>	<b>Pulled</b>	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
**Not cemented**  
 COAL WAS ENCOUNTERED AT **200** FEET **Est. 36** INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
 FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			200	Est. 203			
Little Dunkard Sand			760	790			
Big Dunkard Sand			860	880			
Gas Sand			990	1040			
First Salt Sand			1100	1200			
Second Salt Sand			1230	1305	Water	1275	
Ssnd			1315	1350	Water	1335	
Maxon Sand			1520	1555			
Little Lime			1655	1675			
Pencil Cave			1675	1680			
Big Lime			1680	1722			
Keener Sand			1722	1729			
Big Injun Sand			1729		Gas	1736-1750	
			<b>Total Depth</b>	<b>1772</b>			



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

Date **February 21,** 19**40**

APPROVED **Hope Natural Gas Company**, Owner

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

236A

Lincoln District, Tyler County, W. Va.  
 By Hope Natural Gas Co., Clarksburg, W. Va.  
 On 120 acres, on Willow Fork.  
 Elevation, 904' L.  
 Surface and minerals owned by John R. Grimes, Route 1,  
 Sistersville, W. Va.  
 Drilling commenced April 10, 1917; completed, May 5, 1917.  
 Shot Nov. 27, 1928, at 1740-1745'.  
 No fresh water recorded.  
 Salt water at 1275' & 1335'.  
 10" casing, 1752' (pulled); 8 $\frac{1}{4}$ " , 940' (pulled); 6 $\frac{5}{8}$ " , 1695';  
 2" tubing, 1782' (pulled).  
 Casing not cemented.  
 Coal was encountered at 200-203' (Est. thickness).  
 Gas well. Abandonment reported to Dept. of Mines Feb. 21, 1940.  
 Record to RCT from Mrs. Griffith March 27, 1940.

	Top.	Bottom.
Coal	200 -	203 (Est.)
Little Dunkard Sand	760 -	790
Big Dunkard Sand	860 -	880
Gas Sand	990 -	1040
First Salt Sand	1100 -	1200
Second Salt Sand (water, 1275')	1230 -	1305
Sand (water, 1335')	1315 -	1350
Maxton Sand	1520 -	1555
Little Lime	1655 -	1675
Pencil Cave	1675 -	1680
Big Lime	1680 -	1722
Keener Sand	1722 -	1729
Big Injun Sand (gas, 1736-1750')	1729 -	....
Total depth		1772

Lincoln District, Tyler County, W. Va.

Hope Natural Gas Co.

Elevation, 900' B.

Gas well.

8" casing, 945'; 6-5/8", 1695' (?).

Authority, Chas. Brown.

Original production, over 1,000 M.; still prod. in 1931.

Rock Pressure, original, over 400 lbs.

On Left Branch of Willow Fork.

	Top.	Bottom.
Pittsburgh (probably Sewickley) Coal	450	
Little Dunkard Sand	760	- 790
Little Dunkard Sand	860	- 880
Gas Sand	990	- 1040
1st Salt Sand	1100	- 1200
2nd Salt Sand (Homewood SS?)	1230	- 1305
3rd Salt Sand	1315	- 1350
Maxton Sand	1520	- 1555
Little Lime	1663	- 1675
Pencil Cave	1675	- 1689
Big Lime	1689	- 1722
Keener Sand	1722	- 1729
Big Injun Sand (gas, 1736-50')	1729	
Total depth		1770