

H.W. WILLIAMS  
E.G. SMITH SURFACE  
30A.

H.W. WILLIAMS  
E.G. SMITH - SURF.

7865  
1046  
MILFORD LODGE  
NO. 150  
I.O.O.F.  
5 1/2 A.

LEWIS R. HOFF

3.12S  
4.26W

W - 4.3  
S - 3.19

L.J. DAVISSON  
50 A

S. MORRISON

New Location  
Drill Deeper  
Abandonment X

F.B. 680P23 MAP 56 518E11

Company HOPE NATURAL GAS CO.  
 Address CLARKSBURG, W.VA.  
 Farm MILFORD LODGE NO. 150 - I.O.O.F  
 Tract 1 Acres 3 Lease No. 52222  
 Well (Farm) No. 1 Serial No. 7865  
 Elevation (Spirit Level) 1046  
 Quadrangle WESTON N.  
 County HARRISON District UNION  
 Engineer Wm Bowen  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date SEPT. 25-39 Scale 1" = 10 FEET

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

WELL LOCATION MAP  
FILE NO. HAR-535A

+ 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

Longitude 80 20'

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

425

AP 535A

WELL RECORD

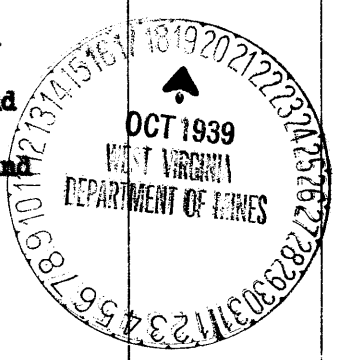
Oil or Gas Well Gas  
(Kind)

Company Hope Natural Gas Company  
Address Clarksburg, W. Va.  
Farm I. O. O. F Lodge #150 Acres 3  
Location (waters) West Fork River  
Well No. 7865 Elev. 1048  
District Union County Harrison  
The surface of tract is owned in fee by I. O. O. F #150  
Milford Lodge. Address West Milford, W. Va.  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced 7-18-1912  
Drilling completed 9-6-1912  
Date shot No record Depth of shot \_\_\_\_\_  
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 695-800 feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	216	216	Size of
8 1/4	970	970	
6 5/8	1310	1310	Depth set
5 3/16	2432	2432	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_  
**Not cemented**  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET **No coal** INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil Gas or Water	Depth Found	Remarks
Little Dunkard Sand			410	440			
Big Dunkard Sand			490	510			
Gas Sand			590	640			
First Salt Sand			685	720	Water	695	
Second Salt Sand			745	775			
Third Salt Sand			785	825	Water	800	
Maxon Sand			915	945			
Little Lime			1240	1275			
Pencil Cave			1275	1288			
Big Lime			1288	1351			
Big Injun Sand			1351	1467	Gas	1375	
Squaw Sand			1490	1535			
Gantz Sand			1590	1600			
Fifty Foot Sand			1795	1865	Gas	1800-1840	
Thirty Foot Sand			1885	1900	Gas	1890	
Gordon Stray Sand			1930	2040			
Gordon Sand			2055	2080	Gas	2065	
Fourth Sand			2083	2120			
Fifth Sand			2242	2300			
Speechley Sand			2914	2919	Gas	2915-2916	
Total Depth				2951			





Record of Well No. 4073 (7865) Located on Milford Lodge 10.0 F Farm May 31, 1912  
Union District Navarison County West Va Scale  
 Division A District No. 11 Drilled under well Order 465  
 Rig built by John Craig Began June 28 1919 Completed July 2 1912  
W. M. Barnhart Began July 14 1912 Completed Sept 2 1912  
 Well drilled by J. P. Williams Began July 18 1912 Completed Sept 6 1912  
 Depth of Well 2300 feet Size of Hole 6 5/8 Producing Gas  
2957 5 3/16

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
			<u>Lease expires Feb. 17 - 1912</u>
<u>16'</u>	<u>13"</u>	<u>Wood</u>	
<u>216'</u>	<u>10"</u>	<u>Flaw</u>	
<u>990'</u>	<u>8 1/4"</u>	<u>"</u>	
<u>1310'</u>	<u>6 5/8"</u>	<u>"</u>	
<u>2432'</u>	<u>5 3/16"</u>	<u>Old</u>	<u>Shoe</u>

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Big Injune</u>			<u>1286</u>	<u>1351</u>	<u>Aug 18 - 1912</u> During an
<u>Big Injune</u>			<u>1351</u>	<u>1467</u>	<u>Gas 9375</u> electric storm gas
<u>Spencerland</u>			<u>1480</u>	<u>1535</u>	<u>ignited and derrick destroyed</u>
<u>West</u>			<u>1590</u>	<u>1600</u>	<u>Rig rebuilt and began drilling</u>
<u>Thirty Foot</u>			<u>1728</u>	<u>1870</u>	<u>" 1800-50 "</u> on Aug 23 - 1912
<u>Thirty Foot</u>			<u>1885</u>	<u>1900</u>	<u>" 1890</u>
<u>Clarksburg</u>			<u>1930</u>	<u>2040</u>	
<u>Woodland</u>			<u>2025</u>	<u>2080</u>	<u>" 2064</u>
<u>North Land</u>			<u>2083</u>	<u>2120</u>	
<u>7 feet</u>			<u>2245</u>	<u>2249</u>	
<u>Began drilling deeper at</u>			<u>2300</u>		
<u>Mercedland</u>			<u>2914</u>	<u>2918</u>	<u>" 2915-16. 6 1/8 W 2" 103 M</u>
				<u>2951</u>	
				<u>2300</u>	
			<u>New City</u>	<u>651</u>	

(15) Jarvisville

FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec.	30	lbs.	Test Mar 2-1923
1 Min.	40	"	Open flow 6 1/8 W 2"
2 "	60	"	2 1 2 3 4 5
5 "	135	"	3 4 7 10 12 15
10 "	205	"	10 15 20 30 60
15 "	235	"	30 40 50 80 100
30 "	260	"	
Rock Pressure		" in	
Taken	Sept 6	1912	
By			

Sept 5-1912  
Well shot with 30 grs.  
in Gordon Sand  
Bot. of Shell 2072  
Shows no increase  
  
Conf. 2,024,000 Cu. ft.

WELL TUBED AND PACKED Sept 8 1912

VIZ: Use of 2080 ft. 3" Tubing  
1-6 5/8 x 3" Hook Well Packer  
30 ft. 648 ft. of tucker

*Reclaimed*

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec.	60	lbs.	
1 Min.	100	"	
2 "	140	"	
5 "	205	"	
10 "	225	"	
15 "	235	"	
30 "	245	"	
Rock Pressure	295	" in 12 hrs.	
Taken	Sept 8	1912	
By	Dolan		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Well # 4093 Milford Lodge I.O.O.F

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Conductor		16				
Surface Water		13			12	
Little Denmark	410	440				
Big "	440	510				
Gas Sand	510	640				
1st. Salt Sand	640	720			695	
2nd. Salt Sand	745	775				
3rd "	785	825			800	
Coal	900	905				
Mason Sand	905	945				
Little Lume	945	1275				
Sevical Cove	1275	1288				
Big Lume	1288	1357				
Big Engine Sand	1357	1467		1370		
Aquatic Sand	1467	1535				
Clay	1535	1600				
Creek Grit	1680	1695				
1st. Top Root Sand	1695	1865		1800		
Thick Root Sand	1885	1900		1890		
Worson Stray "	1900	2040				
Worson Sand	2055	2080		2055		
Fourth Sand	2080	2120				
Fifth Sand & Shells	2120	2248				
Total Depth	2300					