

4.74 S  
3.12 W

New Location   
 Drill Deeper   
 Abandonment  7854 Partial

Map Sheet 44 Squares S14E12 FB 681R30-31-746P10

Company Hope Natural Gas Co.  
 Address Clarksburg, W. Va.  
 Farm J. W. Sheets  
 Tract \_\_\_\_\_ Acres 15 Lease No. 52213  
 Well (Farm) No. \_\_\_\_\_ Serial No. 7853-7854  
 Elevation (Spirit Level) 1178-991  
 Quadrangle Clarksburg  
 County Harrison District Clark  
 Engineer Wm Bowers  
 Engineer's Registration No. 900  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Oct. 9, 1944 Scale 1" = 30 P

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

WELL LOCATION MAP  
 FILE NO. HAR-830-A

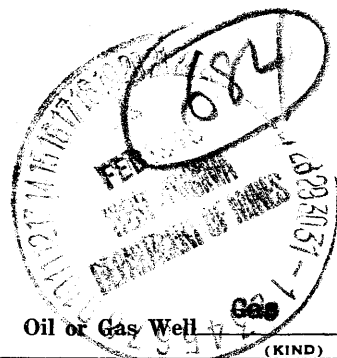
+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD



Permit No. 830-A

Oil or Gas Well Gas  
(KIND)

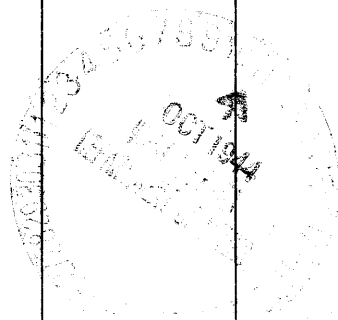
Company Hope Natural Gas Company  
Address 445 W. Main St. Clarksburg, W. Va.  
Farm J. W. Sheets Acres 15  
Location (waters) ?  
Well No. 7854 Elev. 996  
District Clark County Harrison  
The surface of tract is owned in fee by J. W. Sheets  
Address Clarksburg, W. Va. R#1  
Mineral rights are owned by J. W. Sheets  
Address Clarksburg, W. Va. R1  
Drilling commenced 2-17-1912  
Drilling completed 3-26-1912  
Date Shot 8-19-1919 From ? To ? Speechley  
With 20

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			<u>Wall</u>
10	<u>169</u>	<u>169</u>	Size of <u>3x5 3/16</u>
8 1/4	<u>729</u>	<u>729</u>	
6 5/8	<u>1275</u>	<u>1275</u>	Depth set
5 3/16	<u>2248</u>	<u>2248</u>	<u>28 2744</u>
3	<u>2891</u>	<u>2891</u>	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Open Flow /10ths Water in Inch  
No record Inch  
/10ths Merc. in Inch  
Volume No record Cu. Ft.  
Rock Pressure 410 lbs. 9/8/1919 hrs.  
Oil None bbls., 1st 24 hrs.  
Fresh water 200 feet 220, 685 feet  
Salt water - feet - feet

CASING CEMENTED None shown on record SIZE None shown on record No. Ft. None shown on record Date None shown on record  
COAL WAS ENCOUNTERED AT 120 FEET 24 INCHES  
FEET INCHES FEET INCHES  
FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			120	122			
Little Dunkard			180	285	Water	200, 229	
Big Dunkard			325	360			
Sand			480	525			
Sand			600	703	Water	685	
Sand			735	810			
Maxon			1050	1128			
Little Lime			1150	1160			
Pencil Cave			1160	1165			
Big Lime			1165	1270			
Big Injun			1270	1390	Gas	1320	
Sand			1455	1510			
Gantz			1660	1700			
Fifty Foot			1730	1842	Gas	1800	
Thirty Foot			1856	1875	Gas	1860-1872	
Gordon Stray			2006	2031			
Gordon			2040	2068	Gas	2045	
Fifth			2188	2196	Gas	2191	
Sand			2620	2622			
Speechley			2678	2683	Gas	2876-2881	
Total depth				2891			



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

Date **October 5** **1944**, 194 **4**

APPROVED **Hope Natural Gas Company**, Owner

By **Asst. to Gen. Supt.** (Title)

Record of Well No. 4031 Located on Jas. W. Sheets Farm Jan 13 1912  
Clark District Harison County West Va State  
 Division A. District No. 14 Drilled under well Order 384  
 Rig built by John Craig Began Jan 26 1912 Completed Feb 1 1912  
 Well drilled by W. M. Gumbert Began July 22 1914 Completed Aug 17 1914  
S. W. McColl Began Feb 17 1912 Completed Mar 26 1912  
W. M. Gumbert Began June 28 1912 Completed July 8 1913  
 Depth of Well 1881 feet Size of Hole 6 5/8 Producing Gas  
1830 5 3/8  
1891 1/16

CASED WITH

REMARKS

AMOUNT	SIZE	KIND	REMARKS
16'	13"	Wood	
169'	10"	Flue	
729'	8 1/4"	"	
1275'	6 3/4"	"	
2248'	5 3/8"	106 ft. 5 3/8" shoe	1-8 1/4 x 6 3/8 Lumber B. N. Packer

Elw. 996 G.L.

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Mason sand</u>					
<u>Big lime</u>			1050	1128	<u>100, 200, 600</u>
<u>Big logan</u>			1165	1270	
<u>Big logan</u>			1270	1370	<u>Gas 1320</u>
<u>Big logan</u>			1660	1780	
<u>Big logan</u>			1730	1820	" 1810
<u>Holden clay</u>			1856	1875	" 1860-72
<u>Holden sand</u>			2006	2051	
<u>Holden sand</u>			2040	2068	" 2045
<u>Big logan</u>					
<u>Began drilling at</u>			2188	2196	" 2191
<u>Big logan</u>			2232		
<u>Big logan</u>			2620	2672	
<u>Big logan</u>			2675	2775	
<u>Speckled sand</u>			2874	2882	" 2876-2881 - 5/16 to 2"
					2 1/16 to 2"
				2891	
				1891	
			<u>New Fly</u>	1010	

FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec.	<u>10</u>	<u>1st</u>	<u>60</u>	lbs.						<u>July 15-1913</u>			
1 Min.	<u>20</u>		<u>110</u>	"						<u>20 lbs. in Rifle</u>			
2 "	<u>30</u>		<u>200</u>	"									
5 "	<u>90</u>		<u>380</u>	"						<u>Aug 19-1919</u>			
10 "	<u>150</u>		<u>525</u>	"						<u>20 lbs in Speechley</u>			
15 "	<u>215</u>			"						<u>Port. Shell 2884</u>			
30 "	<u>300</u>			"						<u>Test taken Aug 19-1919</u>			
Rock Pressure	<u>320</u>	"	in <u>24 hrs.</u>		<u>1/2</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>
Taken	<u>Mar 27</u>		<u>1912</u>		<u>3</u>	<u>6</u>	<u>12</u>	<u>18</u>	<u>24</u>	<u>30</u>	<u>37</u>	<u>82</u>	<u>105</u>
By	<u>Dolan</u>												<u>Cap. H. L. 27 298</u>

WELL TUBED AND PACKED Aug 31 1919VIZ:- Used 130 lbs 2902 ft. 3" Tufing (old)1-5 3/16 x 3" Rock Wall Packer8 lbs. 147 ft. of anchor 20/10 W 2" Dring1/2 1 2 3 4 5 10 15 20 30 606 12 24 34 44 53 100 148 188 245 410FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec.	<u>200</u>	lbs.	<u>30</u>											
1 Min.	<u>270</u>	"	<u>50</u>											
2 "	<u>475</u>	"	<u>90</u>											
5 "	<u>540</u>	"	<u>155</u>											
10 "	<u>550</u>	"	<u>200</u>											
15 "	<u>555</u>	"	<u>220</u>											
30 "		"	<u>255</u>											
Rock Pressure	<u>320</u>	"	in <u>24 hrs</u>											
Taken	<u>Mar 27</u>		<u>1912</u>											
By	<u>July 16</u>		<u>1913</u>											

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Well # 4031 Geo. W. Sheets.

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Conductor		12				
Slate	12	25				
Red Rock	25	40				
Shine	40	65				
Slate	65	105				
Shine	105	140				
Slate	140	180				
Bankard Sand	180	285			220	
Slate	285	305				
Shine	305	325				
Sand	325	360				
Slate	360	400				
Shine	400	460				
Slate & Shells	460	480				
Sand	480	525				
Slate	525	600			685	
Salt Sand	600	705				
Slate	705	735				
Sand	735	810				
Slate & Shells	810	960				
Red Rock & Slate	960	1050				
Bayou Sand	1050	1128				
Red Rock	1128	1140				
Slate	1140	1150				
Shine	1150	1160				
Slate	1160	1165				
Shine	1165	1260				
Iron Sand	1260	1390				
Slate & Shells	1390	1415				
Shine & Shells	1415	1455				
Sand	1455	1570				
Slate & Shells	1570	1660				
Sand	1660	1700		1695		
Slate & Shells	1700	1730				
Sand	1730	1842				
Slate	1842	1860				
Thirt Root	1860	1875		1860-1882		
Slate	1875	1881				
Total Depth	1881					
Drilling deeper						
Shine	1881	2255				
Slate & Shells	2255	2620				
Sand	2620	2642				
Slate & Shells	2642	2675				
Shine	2675	2775				
Slate & Shells	2775	2874				
Sand	2874	2882		2876-2881		
Slate	2882	2891				

Steel line measurement