

LATITUDE

39°17'30"

110°22'08"

LONGITUDE

7'5 OGIS topo location

7.5' loc, 2.70S
1.32W

15' loc _____
(calc.) _____

Company _____

Farm _____

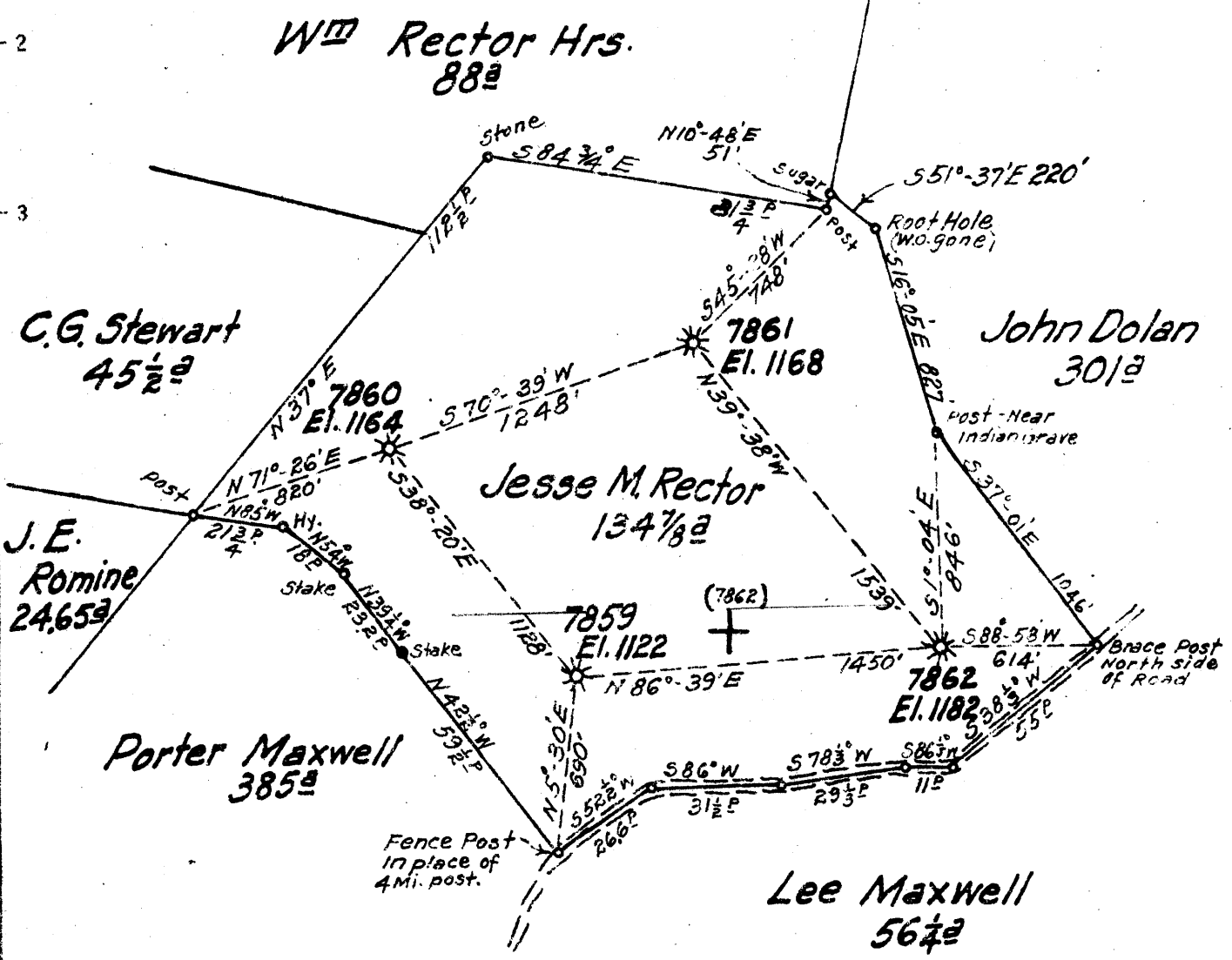
Quad Wolf Summit

County Har

District Clark

WELL LOCATION MAP

File No. 846A - Har



5.62 S
5.18 W

New Location...
Drill Deeper...
Abandonment... X 7860 & 7862

F.B. 681 R 4-5

Company Hope Natural Gas Co
 Address Clarksburg, W. Va.
 Farm Jesse M. Rector
 Tract 67 Acres 68 Lease No. 52218
 Well (Farm) No. 7859 Serial No. 7861-7862
 Elevation (Spirit Level) 1122-1164-1168-1182
 Quadrangle Clarksburg
 County Harrison District Clark
 Engineer Wm Bowers
 Engineer's Registration No. 900
 File No. _____ Drawing No. _____
 Date Oct. 9, 1939 Scale 1" = 40'

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

WELL LOCATION MAP
 FILE NO. HAR-539-A-7860
HAR-846-A-7859

+ 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



676

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 846-A

Oil or Gas Well _____
(KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St., Clarksburg, W. Va.
 Farm Jesse M. Rector Acres 135
 Location (waters) _____
 Well No. 7859 Elev. 1122
 District Clark County Harrison
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced July 22, 1909
 Drilling completed September 11, 1909
 Date Shot _____ From _____ To _____
 With _____
 Open Flow _____ /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume purchased _____ Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water nons rec rded feet _____ feet
 Salt water nons recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer _____
13			
10	<u>184</u>	<u>184</u>	Size of _____
8 1/4	<u>949</u>	<u>Pulled</u>	
6 5/8	<u>1505</u>	<u>1505</u>	Depth set _____
5 3/16	<u>2418</u>	<u>2418</u>	
3 <u>By 57A</u>	<u>3039</u>	<u>3039</u>	Perf. top _____
2	2000	2000	Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

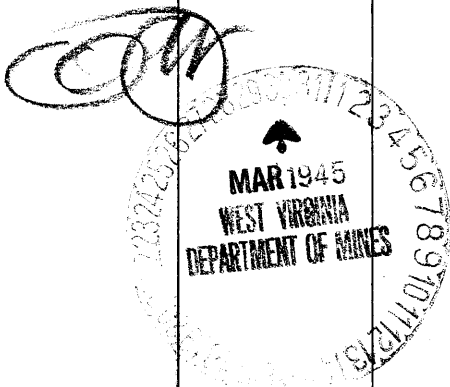
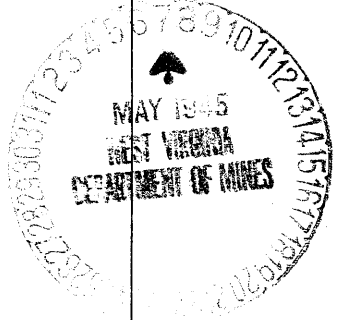
CASING CEMENTED Not cemented SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT none recorded FEET _____ INCHES _____

FEET _____ INCHES _____ FEET _____ INCHES

FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Little Dungan			450	500			
Gas sand			600	630			
First Salt			790	840			
Third Salt			900	925			
Maxon			1230	1270			
Pencil cave			1325	1330			
Big Lime			1370	1435			
Big Injun			1435	1530			
Berea			1580	1615			
Gentz			1820	1830			
Fifty foot			1880	1950			
Thirty Foot			1984	1995	gas	1984	
Gordon			2145	2215			
Fourth			2238	2250	gas	2240	
Fifth			2317	2334	gas	2319	
Speechley			3007	3017	gas	3009- 3015	
Total depth				3039			



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

Handwritten notes:
 100 ft
 100 ft
 100 ft

Date March 29, 1945., 194

APPROVED Hope Natural Gas Company., Owner

By *I. D. Frantz*
 I. D. Frantz, Ass't. ^(Title) Gen. Sup't.

Record of Well No. 1978 Located on Jesse M. Pector Farm May 26 1909
Clark District Harrison County West Va State
 Division IX District No. 11 Drilled under well Order 1008
 Rig built by John Craig Began July 20 1918 Completed July 6 1909
Michael Huber Began July 20 1918 Completed Sept 3 1918
 Well drilled by Thos. Alexander Began July 23 1909 Completed Sept 11 1909
 Depth of Well 2357 feet Size of Hole 6 5/8 Producing Gas
3039 5-3/16

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13 1/2"	Wood	
184'	10"	Steel	
949'	8 1/4"	"	Reclaimed Sept 16-1909
1505'	6 5/8"	"	
2418'	5 3/16"	112 Jt.	5 3/16 shoe

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
Big Oakland			453	500	
Coal land			790	925	Water 800
Melton			1230	1290	
Big Pine			1330	1435	
Big Canyon			1435	1530	
Went land			1820	1830	
Reilly coal			1890	1920	
Thick "			1936	1984	
Widow land			2145	2175	
Bowth "			2226	2240	Gas 2240
Thick "			2317	2334	" 2319
Luna			2391	2410	
Land			2705	2724	
"			2785	2805	
"			2830	2850	
"			2855	2867	
"			2874	2902	
Speckly land			3007	3017	3009-3015 - 6/10 W2" 123 MCF
				3039	
				2357	
				New Ptg 682	

FIRST PRESSURE TEST IN _____ CASING		REMARKS
30 Sec.	_____ lbs.	<i>Shot Aug 5-1918</i> <i>20 qts Bot Shell 3015 ft.</i>
1 Min.	_____ "	
2 "	_____ "	
5 "	_____ "	
10 "	_____ "	
15 "	_____ "	
30 "	_____ "	
Rock Pressure	_____ " in	
Taken	_____ 19 _____	
By	_____	

WELL TUBED AND PACKED *Sept 11 1909*

VIZ:- *Used 1942 ft. 3" Tubing (New)*
1-6 5/8 x 4" Heater Well Packer
1-4" P & L Collar Nipple above Packer

FIRST PRESSURE TEST IN _____ 3" _____ TUBING		REMARKS
30 Sec.	<i>70</i> lbs.	<i>Used 149 qts. 3039 ft. 3" Tubing</i> <i>1-5 3/16 x 3" Anchor Packer</i> <i>5 qts. 81 ft. of Anchor</i>
1 Min.	<i>100</i> "	
2 "	<i>160</i> "	
5 "	<i>305</i> "	
10 "	<i>458</i> "	
15 "	<i>565</i> "	
30 "	<i>600</i> "	
Rock Pressure	<i>755</i> " in <i>May 31-1913 - 560 #</i>	
Taken	_____ 19 _____	
By	_____	

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

Well #1998 J. M. Pector

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
<i>Open drilling</i>	<i>1357</i>					
<i>Slate + Shells</i>	<i>2357</i>	<i>2398</i>				
<i>lime</i>	<i>2398</i>	<i>2410</i>				
<i>Slate + Shells</i>	<i>2410</i>	<i>2705</i>				
<i>Sand</i>	<i>2705</i>	<i>2724</i>				
<i>Slate Shells</i>	<i>2724</i>	<i>2785</i>				
<i>Sand</i>	<i>2785</i>	<i>2805</i>				
<i>Sandy Shells</i>	<i>2805</i>	<i>2830</i>				
<i>Sand</i>	<i>2830</i>	<i>2850</i>				
<i>Slate</i>	<i>2850</i>	<i>2855</i>				
<i>Sand</i>	<i>2855</i>	<i>2867</i>				
<i>Slate</i>	<i>2867</i>	<i>2874</i>				
<i>Sand</i>	<i>2874</i>	<i>2904</i>				
<i>Slate + Shells</i>	<i>2904</i>	<i>2949</i>				
<i>lime</i>	<i>2949</i>	<i>2965</i>				
<i>Slate + Shells</i>	<i>2965</i>	<i>3007</i>				
<i>Sand</i>	<i>3007</i>	<i>3019</i>		<i>3009-3015</i>		
<i>Slate + Shells</i>	<i>3019</i>	<i>3039</i>				
<i>Total Depth</i>	<i>3039</i>					