

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

471

WELL RECORD

Permit No. 77AR-584-A

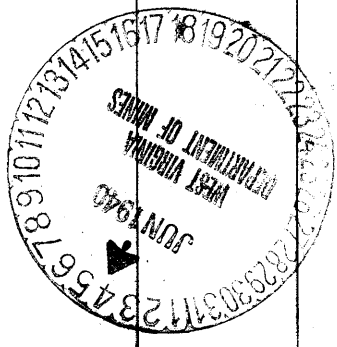
Oil or Gas Well Gas
(Kind)

Company Hope Natural Gas Company
Address Clarksburg, W. Va.
Farm W. B. Maxwell Acres 1208
Location (waters) Sycamore
Well No. 7983 Elev. 1289
District Union County Harrison
The surface of tract is owned in fee by W. B. Maxwell Etn.
Clara Maxwell, R /L. Address Clarksburg, W. Va.
Mineral rights are owned by do.
Address _____
Drilling commenced 1-27-1916
Drilling completed 3-22-1916 - Deepened in 1921.
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 None recorded feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	<u>220</u>	<u>220</u>	Size of
8 1/4	<u>1099</u>	<u>1099</u>	
6 5/8	<u>1564</u>	<u>1564</u>	Depth set
5 3/16	<u>2510</u>	<u>2510</u>	
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
No record of cementing
COAL WAS ENCOUNTERED AT 120 FEET 72 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Pittsburgh Coal			120	128			
Big Dunkard Sand			690	640			
Gas Sand			735	775			
First Salt Sand			810	860			
Sand			900	1045			
Marion Sand			1280	1335			
Little Lime			1515	1525			
Big Lime			1540	1607			
Big Injun Sand			1607	1715	Gas	1627	
Squaw Sand			1735	1765			
Genta Sand			1935	1965			
Fifty Foot Sand			2040	2071			
Thirty Foot Sand			2135	2145	Gas	2135-2141	
Speechley Sand			2142	2147	Gas	2145	
Total Depth				2168			



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

Date December 18, 1939

APPROVED Hope Natural Gas Company, Owner

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

1/11

584A

Union District, Harrison County, W. Va.

By Hope Natural Gas Co., Clarksville, W. Va.

Abandoned under permit Her-.....-A.

On 1208 acres, on Sycamore Creek.

Elevation, 1253' L.

Surface and minerals owned by W. B. Maxwell Heirs, Claude Maxwell,

Route No. 1, Clarksville, W. Va.

Drilling commenced Jan. 27, 1916; completed, March 22, 1916.

Drilled deeper in 1921.

Shot, no record.

No water recorded.

10" casing, 220'; 8" casing, 1099'; 6" casing, 1564'; 5" casing, 2510'; all left in.

No record of cementing.

Coal was encountered at 120-126'.

Gas well. Abandonment reported to Dept. of Mines Dec. 14, 1939.

Record to WOT from Mrs. Griffith July 19, 1940.

	Top.	Bottom.
Pittsburgh Coal	120	- 126
Big Dunkard Sand	620	- 640
Gas Sand	735	- 775
First Salt Sand	810	- 860
Sand	900	- 1045
Hearton Sand	1230	- 1335
Little Mine	1516	- 1526
Big Mine	1540	- 1607
Big Injun Sand (gas, 1627')	1607	- 1725
Green Sand	1725	- 1765
Grays Sand	2035	- 2065
Eighty-foot Sand	2040	- 2072
Thirteen-foot Sand (gas, 2138-2141')	2136	- 2146
Spawley Sand (gas, 3145')	2142	- 3147
Total depth		3148

Record of Well No. 4422 (7883) Located on W. Bent Maxwell Farm Dec 20 1915
 Union District Harrison County West Va State
 Division R. District No. 11 Drilled under well Order 416
 Rig built by John Craig Began Jan 5 1916 Completed Jan 12 1916
W. M. Burkhardt Began Nov 22 1921 Completed Dec 2 1921
 Well drilled by P. W. McCall Began Jan 27 1916 Completed Mar 22 1916
 Depth of Well 2170 feet. Size of Hole 6 5/8 Producing H₂O
3168

CASED WITH			REMARKS
AMOUNT	SIZE	Kind Used at	
220'	10"	220'	10
1099'	8 1/2"	1090'	54
1564'	6 3/4"	1552'	72 - 1-8 1/4 x 6 5/8 B. A. Parker
2010'	5 3/4"	123	1-5 1/6 shoe

Elev. 1259 G.L.

COAL VEINS g/c coal ¹²⁰ ₁₂₆

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (thickness or pct)
<u>Bedford sand</u>			628	648	Water 120 - 10 G.L.
<u>Gas sand</u>			748	775	
<u>1st part "</u>			810	860	
<u>2nd "</u>			908	1045	
<u>Mason sand</u>			1280	1335	
<u>Little Lane</u>			1876	1926	
<u>Big Lane</u>			1940	1987	
<u>Big Logan</u>			1617	1715	Gas 1627 - 3/10 20 1"
<u>Equal sand</u>			1495	1765	18 MCF
<u>Clay sand</u>			1936	1962	
<u>soft sand</u>			2040	2110	
<u>break from</u>			2291	2390	
<u>32 ft sand</u>			2136	2146	Gas 2138 to 2141 1/10 21 6 5/8 1090 MC
<u>Begin drilling at</u>			2170		
<u>2nd thirty foot sand</u>			2187	2220	
<u>Horden clay, Horden</u>			2290	2340	Gas 2312 "4/10 21 2"
<u>1st part sand</u>			2455	2465	" 2460-61- 2 1/10 21 2"
<u>Speechley sand</u>			3143	3147	" 2144-45- 5/10 21 2"
				3168	
				2170	
			New Fly	998	

(151) Jarvisville

FIRST PRESSURE TEST IN 6 5/8 CASING

REMARKS

30 Sec. 12 lbs.
 1 Min. 25 "
 2 " 45 "
 5 " 105 "
 10 " 190 "
 15 " "
 30 " "

*Shot Mar 23-16
 20 Qts. Thirty Root
 Bot. Shell 2145*

Rock Pressure _____ " in _____

Taken Feb 27 1916

By J. M. Clark

WELL TUBED AND PACKED Mar 20 1916

VIZ: Used 104 Qts. 2186 ft 3" Tubing (Old)
1- 6 5/8 83' A. W. Cacker
7 Qts 121 ft of anchor

Reclaimed

FIRST PRESSURE TEST IN 3" TUBING

REMARKS

30 Sec. 75 lbs. 30/10 m 3"
 1 Min. 110 "
 2 " 160 "
 5 " 225 "
 10 " 258 "
 15 " 275 " 282
 30 " 290 "

Rock Pressure 225 " in 13 hrs

Taken Mar 20 1916

By J. M. Clark

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

FORMATIONS

FORM: O 32-5170

Well # 4422 W. B. Maxwell

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		12				
Slate & Lime	12	102				
Lime	102	120				
Coaly Coal	120	126				
Slate	126	325				
Slate & Lime	325	430				
Slate	430	480				
Slate & Lime	480	520				
Slate	520	620				
Big Drummond	620	640				
Slate	640	664				
Lime	664	694				
Slate & Lime	694	720				
Lime	720	740				
lgs. sand	740	775				
Lime	775	810				
at fact sand	810	860				
Lime	860	900				
red salt sand	900	1045				
Slate & Lime	1045	1250				
Lime	1250	1280				
Marion sand	1280	1335				
Slate	1335	1370				
Red Rock	1370	1493				
Lime	1493	1570				
Slate	1570	1576				
Little Lime	1576	1526				
Slate	1526	1528				
Big Lime	1528	1607				
Big Quarry sand	1607	1715		1627		
Slate & Shells	1715	1735				
Lower sand	1735	1765				
Slate & Shells	1765	1936				
Quartz sand	1936	1963				
Salt	1963	1971				
Sand	1971	2000				
Slate & Shells	2000	2040				
High Root sand	2040	2110				
Slate	2110	2136				
High Root sand	2136	2146		2138-2141		
Salt	2146	2170				
Total Depth		2170				