

LATITUDE $39^{\circ} 15' 00''$



$110^{\circ} 52' 08''$
LONGITUDE

0.942
0.21W

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 (calc.) _____

Company HNG Co. (7874)

Farm W.B. Maxwell

Quad West Milford 7/12

County Harrison

District Union
0

WELL LOCATION MAP

File No. 033 - 30550

WEST VIRGINIA DEPARTMENT OF MINES


TJA (7)

OIL & GAS DIVISION
WELL RECORD

550A

Permit No. War-560 (plumbing)
Boston Quad.Gas Well
CASING & LOGS

Company	None Natural Gas Co.	10	217	pulled
Address	Clarksburg, W. Va.	3-1/4	991	pulled
Farm	W. B. Maxwell ACRES 1208	3-5/8	1378	1378
Location	Sycamore	5-3/16	2333	2333
Well No.	7574 ELEV. 1174	3	2928	2928
District	Union - Harrison County			
Surface & Mineral Address	W. B. Maxwell Wrs. 1/4 Claude Maxwell R. 1, Clarksburg, W. Va.			
Commenced	Jan. 25, 1912			Not cemented
Completed	March 13, 1912 - Deeper in 1920			
Shot	3/5/12 & 7/7/20 Depth - No record			
Fresh Water	None recorded			
Salt Water	None recorded			



 JAN 29 1940

Formation	Top	Base	Result
Little Duckard Sand	470	490	
Big Duckard Sand	600	665	
First Salt Sand	600	855	
Sand	895	945	
Hixon Sand	1055	1095	
Little Line	1303	1328	
Big Line	1343	1418	
Big Injun Sand	1413	1425	
Sand	1515	1535	
Twenty Foot Sand	1864	1894	
Thirty Foot Sand	1904	1935	Gas 1914-1919
Sand	1931	1976	
Gordon Stroy Sand	2015	2040	
Gordon Sand	2100	2175	
Fourth Sand	2230	2245	
Fifth Sand	2287	2302	Gas 2290-2295
Speechley Sand	2977	2985	Gas 2978-2983
Total Depth	2928		

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

449

WELL RECORD

Permit No. *Hal-550 A*

Oil or Gas Well **Gas**
(Kind)

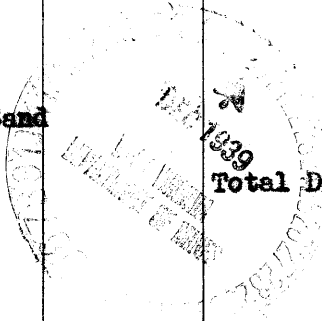
Company **Hope Natural Gas Company**
Address **Clarksburg, W. Va.**
Farm **W. B. Maxwell** Acres **1208**
Location (waters) **Sycamore**
Well No. **7874** Elev. **1174**
District **Union** County **Harrison**
The surface of tract is owned in fee by **W. B. Maxwell Hrs.**
%Claude Maxwell, R #1. Address **Clarksburg, W. Va.**
Mineral rights are owned by **do.**

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	217	Pulled	Size of
8 1/4	991	Pulled	
6 5/8	1378	1378	Depth set
5 3/16	2338	2338	
3	2998	2998	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced **1-25-1912**
Drilling completed **3-13-1912. Deeper in 1920.**
Date shot **3-5-1912 & 8-7-1920** Depth of shot **No record**
Open Flow /10ths Water in **0** Inch
/10ths Merc. in **0** Inch
Volume **0** Cu. Ft.
Rock Pressure **0** lbs. hrs.
Oil **0** bbls., 1st 24 hrs.
Fresh water **None recorded** feet
Salt water **None recorded** feet

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 Dunkard Sand			470	490			
Big Dunkard Sand			600	665			
First Salt Sand			800	855			
Sand			895	945			
Maxon Sand			1055	1095			
Little Lime			1308	1328			
Big Lime			1343	1413			
Big Injun Sand			1413	1425			
Sand			1615	1635			
Fifty Foot Sand			1864	1894			
Thirty Foot Sand			1904	1935	Gas	1914-1919	
Sand			1961	1976			
Gordon Stray Sand			2015	2040			
Gordon Sand			2100	2175			
Fourth Sand			2230	2245			
Fifth Sand			2287	2302	Gas	2290-2295	
Speechley Sand			2977	2985	Gas	2978-2983	
Total Depth			2998				

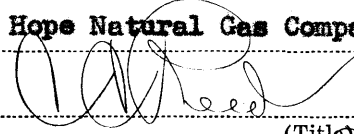


Dry well

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

Date **December 18,** 19**39**

APPROVED **Hope Natural Gas Company**, Owner

By  **General Supt.**
(Title)

Record of Well No. 4030 (7874) Located on W. D. Maxwell Farm Jan 13 1912
Union District Harrison County West Va State
 Division A District No. 14 Drilled under well Order 285
 Rig built by John Craig Began Jan 21 1912 Completed Jan 24 1912
W. M. Bapthart Began July 16 1920 Completed Aug 5 1920
 Well drilled by Lower Bros Began Jan 25 1912 Completed Mar 13 1912
 Depth of Well 2322 feet 2998 Size of Hole 6 5/8 Producing Gas

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
16'	13"	Wood	
217'	10"	Iron	Reclaimed Mar 18-1912
991'	8 1/4"	"	" " "
378'	6 5/8"	"	" " "
2338'	5 3/8"	118ft bed	1-8 1/4" x 6 5/8" Larkin O. A. Packer

COAL VEINS

FORMATIONS

FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (THICKNESS OF PAY)
<u>Spencer</u>			600	665	
<u>Big Linn</u>			1343	1413	
<u>Big Inyan</u>			1413	1525	
<u>Spencer</u>			1615	1635	
<u>W. Va. Shale</u>			1864	1955	Gas 1914-1919
<u>Hilly Top</u>			1961	1976	
<u>Woodmill</u>			2100	2175	
<u>Swift Sand</u>			2287	2302	" 2290-95
<u>Old Swift</u>				2322	
<u>Began drilling</u>			2321		
<u>Swanton</u>			2882	2899	" 2896 - 2 1/2' 1"
<u>Beckley Sand</u>			2977	2985	" 2978-83 - 4 1/8' 2 1/2" - that and made 1 1/8' 2 1/2"
				2985	
				2322	
				663	
				New Fly	

(151) Jarrsville

PRESSURE TEST IN <u>6 5/8</u> CASING			REMARKS
		Aug 4-1920	
	15	1 min	Mar 15-1912
	30	2 " 3	Well shot with 30 gts in
	50	3 " 4	Refined Sand
	140	4 " 7	Bot. Shell at 2327
	180	5 " 11	
	190	10 " 20	
	270	15 " 30	
Rock Pressure	" in	20 " 40	
Taken	Mar 14	1912	Cap 15-25-53-4 Cu. ft.
By	Brown		

WELL TUBED AND PACKED <u>Mar 16 1912</u>		REMARKS
VIZ: Used 111 ft. 2 3/4 ft. 3" Tubing		Tubed Aug 18-1920
1-6 5/8 x 4" Spring Anchor Packer		145 ft. 3 1/2 ft. 3" Tubing
52 ft. 4 1/2 ft. 3" Anchor		1-5 3/4 x 3" Anchor Packer
Reclaimed July 8-1920-2264 ft. 3" Tubing 57 ft. damaged		4 ft. 60 ft. 3" Anchor
1-6 5/8 x 4" Anchor Packer damaged		

FIRST PRESSURE TEST IN <u>3</u> TUBING			REMARKS
		Aug 18-1920	
30 Sec.	23	30 Sec 3	
1 Min.	45	1 min 7	
2 "	90	2 " 14	
5 "	185	3 " 20	
10 "	310	4 " 25	
15 "	420	5 " 30	
30 "	"	10 " 61	
Rock Pressure	790	" in 24 hrs 15" 90 min 20 165	
Taken	Mar 16	1912	25 " 115 " 60 272
By	Nurman		

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES:

FORMATIONS

FORM: 032-5170

Well 4030 W. B. Maxwell

NAME	TOP	BOTTOM	OIL	GAS	WATER	REMARKS
Clay		14				
Red Rock	14	26				
Lime	26	45				
Sand	45	55			50	
Red Rock	55	76				
Lime	76	100				
Red Rock	100	130				
Sand	130	150				
Red Rock	150	160				
Lime	160	190				
Red Rock	190	250				
Lime	250	310				
Slate	310	350				
Red Rock	350	375				
Lime	375	400				
Slate + Shells	400	420				
Lime	420	470				
Little Dunkard	470	490				
Slate	490	500				
Lime	500	530				
Slate	530	540				
Lime	540	570				
Slate + Shells	570	600				
Big Dunkard	600	665				
Slate	665	670				
Sand	670	680				
Slate	680	740				
Slates Shells	740	800				
Spot Sand	800	855				
Lime + Shells	855	895				
Sand	895	945				
Slate	945	980				
Shells	980	1000				
Spot Sand	1000	1025				
Shells	1025	1055				
Masson Sand	1055	1095				
Slate + Shells	1095	1190				
Red Rock	1190	1210				
Lime	1210	1275				
Red Rock	1275	1305				
Little Lime	1305	1328				
Quint Cove	1328	1343				
Big Lime	1343	1413				
Big Limestone	1413	1525				
Slates Shells	1525	1615				
Lawson Sand	1615	1635				
Slates Shells	1635	1864				Steel line measurement
Thirty Foot Sand	1864	1894				
Slate	1894	1904				
Sand	1904	1935				
Slate	1935	1961			1914-1919	
Thirty Foot Sand	1961	1976				
Slate	1976	1991				
Slate	1991	2015				
Gordon Sand	2015	2175				
Slates Shells	2175	2230				
Hyatt Sand	2230	2245				
Slates Shells	2245	2287				
Witch Sand	2287	2302			2290-2295	
Slate	2302	2322				Steel line measurement
Total Depth	2325					