



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

498

WELL RECORD

Ad 670A  
Permit No. ....

Oil or Gas Well.....  
(Kind)

Company Wm. Moses  
Address 189 W. Main St., Salem, W. Va.  
Farm Druzilla C. Bennett Acres 116  
Location (waters).....  
Well No. 6101 Elev. 1019  
District Union County Harrison  
The surface of tract is owned in fee by Wm. Moses  
Address Salem, W. Va.  
Mineral rights are owned by.....  
Address.....  
Drilling commenced.....  
Drilling completed.....  
Date shot..... 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..... feet..... feet  
Salt water..... feet..... feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer.....
16.....			
13.....			
10.....			Size of.....
8 1/4.....			
6 5/8.....		1376'	Depth set.....
5 3/16.....		2139'	
3.....			Perf. top.....
2.....			Perf. bottom.....
Liners Used.....			Perf. top.....
			Perf. bottom.....

CASING CEMENTED..... SIZE..... No. Ft..... Date.....  
COAL WAS ENCOUNTERED AT..... 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			346	370			
Big Dunkard			425	445			
Maxton			932	1012			
Little Lime			1261	1275			
Big Lime			1293	1372			
Big Injun			1372	1481			
50' Sand			1833	1927			
30' Sand			1952	1987			
Gor. Stray Sand			2021	2112			
Gor. Sand			2118				
Fifth			2255	2263			
Speech. Stray Sand			2945	2951			
Total Depth				2981			





UNION NATURAL GAS COMPANY

Record of Well No. 6101 Located on D.C. Lowther Farm 4-12-13 19  
Union District Harrison County West Va. State  
 Division F District No. \_\_\_\_\_ Drilled under well Order \_\_\_\_\_  
 Rig built by \_\_\_\_\_ Began \_\_\_\_\_ 19 \_\_\_\_\_ Completed \_\_\_\_\_ 19  
 Well drilled by V.M. Dittmar Began 4-15-13 19 Completed 6-15-13 19  
 Depth of Well 2981 feet Size of Hole 5 3/8" Producing Gas  
 (Acquired from Hope Natural Gas Co. June 30, 1936)

CASED WITH			REMARKS
AMOUNT	SIZE	KIND	
343	10"	?	8 1/2" x 10" B.H. Packer
1376	6 5/8"	1	6 5/8" x 8 1/2" B.H. Packer
2139	5 3/8"	1	
852	4 1/2"	?	Steel jacket at 2710 ft. 2 1/2" x 4 1/2" 852
	4 1/2"		5 1/2" Brown 12.2.40

COAL VEINS No record

FORMATIONS					
FORMATION	COLOR	OPEN OR CLOSE HARD OR SOFT	TOP	BOTTOM	REMARKS GAS-OIL-WATER (Thickness of pay)
Little Duckard			346	370	
Big Duckard			425	445	
Gas sand			546	580	
1st Salt			636	755	
2nd Salt			775	857	
Sand			932	1012	
Little Lime			1044	1075	
Pencil Cove			1275	1293	
Big Lime			1293	1372	Gas (show) 1306
Big Injura			1372	1481	
Squaw			1520	1686	
Quartz			1718	1749	Gas show in shell
Fifty-foot			1833	1927	
Thirty-foot			1952	1987	
Garden Stray			2021	2112	
Garden			2118		Oil 2122-24 Gas 2127-8
Fourth Sand				2156	(Oil - 48% per day)
Fifth Sand			2250	2263	Gas - 2258
Speckley			2945	2950	Gas - 2948 62.222 M Rock - 220*
					Drilled deep
					271-27 2139 to 271
					2781
					2139
					New Ftg. 842

FIRST PRESSURE TEST IN \_\_\_\_\_ CASING

REMARKS

Shot

30 Sec. \_\_\_\_\_ lbs.  
 1 Min. \_\_\_\_\_ "  
 2 " \_\_\_\_\_ "  
 5 " \_\_\_\_\_ "  
 10 " \_\_\_\_\_ "  
 15 " \_\_\_\_\_ "  
 30 " \_\_\_\_\_ "  
 Rock Pressure \_\_\_\_\_ " in  
 Taken \_\_\_\_\_ 19  
 By \_\_\_\_\_

12-21-15 20 gts.  
 2-1-27 10 gts.  
 O.K. 2-2-27 10 gts.  
 Gas-Spacing - Before: 50 M  
 After: 62 M

WELL TUBED AND PACKED \_\_\_\_\_ 19 \_\_\_\_\_

VIZ: \_\_\_\_\_

FIRST PRESSURE TEST IN \_\_\_\_\_ TUBING

REMARKS

30 Sec. \_\_\_\_\_ lbs.  
 1 Min. \_\_\_\_\_ "  
 2 " \_\_\_\_\_ "  
 5 " \_\_\_\_\_ "  
 10 " \_\_\_\_\_ "  
 15 " \_\_\_\_\_ "  
 30 " \_\_\_\_\_ "  
 Rock Pressure \_\_\_\_\_ " in  
 Taken \_\_\_\_\_ 19  
 By \_\_\_\_\_

MATERIAL FOR THIS WELL RECEIVED FROM FOLLOWING SOURCES: