



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

740

Permit No. 000-838-A

WELL RECORD

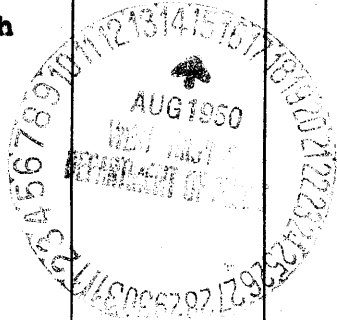
~~SWP~~ Gas Well (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm H. J. Richards Acres 60
 Location (waters) _____
 Well No. 3848 Elev. 1135
 District Greenbrier County Doddridge
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced June 25, 1915
 Drilling completed Sept. 8, 1915
 Date Shot _____ From _____ To _____
 With _____
 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			Kind of Packer
16			
13			
10	294	Pulled	Size of
8 3/4	1157	1157	
6 5/8	2096	2096	Depth set
5 3/16			
3	2941	2941	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

NOT
 CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 715 FEET 60 INCHES
132 FEET 36 INCHES 674 FEET 24 INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Coal			132	135 Est			
Pittsburgh Coal			674	676			
Coal			715	720			
Little Dunkard			1100	1125			
Big Dunkard			1157	1214			
Gas sand			1252	1272			
First Salt			1408	1460			
Second Salt			1590	1802			
Maxon			1925	1970			
Little Lime			2020	2035			
Pencil cave			2035	2050			
Big Lime			2050	2096			
Big Injun			2096	2208			
Squaw			2227	2240			
Ganta			2360	2377			
Fifty foot			2470	2508			
Thirty foot			2586	2706	gas	2695	
Gordon stray			2761	2770			
Gordon			2772	2785	gas	2775	
Fourth			2806	2822	gas	2809	
Fifth			2951	2954			
Total depth				2964			



NOV 18 1950 (Over)

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

Date August 10, 1950, 19

APPROVED Hope Natural Gas Company, Own

By 