



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

641

Permit No. 763-A

WELL RECORD

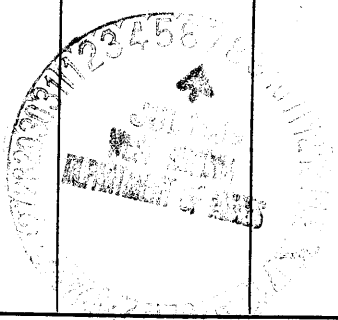
Oil Gas Well (KIND)

Company Hope Natural Gas Company.
 Address 445 West Main St. Clarksburg, W. Va.
 Farm T.D. Swigar Acres 66
 Location (waters) _____
 Well No. 4698 Elev. 863
 District McClellan County Doddridge
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced March 21, 1917
 Drilling completed April 30, 1917
 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 _____ feet
 Salt water 1786 feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			
10	155	Pulled	Size of
8 1/4	985	985	
6 5/8	1776	1776	Depth set
5 3/16	2508	2508	
3			Perf. top
2	2577	2577	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

NOT
 CASING CEMENTED _____ SIZE _____ No. Ft. _____
 COAL WAS ENCOUNTERED AT 200 FEET 24 INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Native coal			200	202			
Pitts. Coal			450	451			
Little Dunkard			825	850			
Big Dunkard			930	940			
Gas sand			1100	1110			
First Salt			1200	1230			
Second Salt			1270	1395			
Third Salt			1440	1465			
Little Lime			1662	1712			
Pencil cave			1712	1715			
Big Lime			1715	1776			
Big Injun			1776	1891	water 1786 gas	1840-68-86	
Gordon Stray			2494	2514			
Gordon			2547	2552	gas	2549	
Fourth			2563	2570	gas	2566	
Total depth				2577			



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

Date July 6, 1949, 19

APPROVED Hope Natural Gas Company., Own

By _____

(Title) *[Signature]*

MCClellan District, Doddridge County, W. Va.

By Hope Natural Gas Co., 445 W. Main St., Clarksburg, W. Va.

Abandoned under permit Dod-.....-A?

On 66 acres.

Elevation, 863' L.

Drilling commenced March 21, 1917; completed April 30, 1917.

Salt water at 1786'.

10" casing, 155' (pulled); 8 $\frac{1}{2}$ " 985'; 6 $\frac{5}{8}$ " 1776'; 5 $\frac{3}{8}$ " 2508';
2" tubing, 2577'.

Casing not cemented.

Coal was encountered at 200-202'.

Gas well. Record to Dept. of Mines dated July 6, 1949.

Record to RCT from Mrs. Griffith September 14, 1949. Old File No. 641.

	Top.	Bottom.
Native coal	200	- 202
Pittsburgh Coal	450	- 451
Little Dunkard Sand	825	- 850
Big Dunkard Sand	930	- 940
Gas Sand	1100	- 1110
First Salt Sand	1200	- 1230
Second Salt Sand	1270	- 1395
Third Salt Sand	1440	- 1465
Little Lime	1662	- 1712
Pencil Cave	1712	- 1715
Big Lime	1715	- 1776
Big Injun Sand (water, 1786'; gas, 1840- 1868-1886')	1776	- 1891
Gordon Stray Sand	2494	- 2514
Gordon Sand (gas, 2549')	2547	- 2552
Fourth Sand (gas, 2566')	2563	- 2570
Total depth		2577