



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

435

Quadrangle Littleton
Permit No. 376-A

WELL RECORD

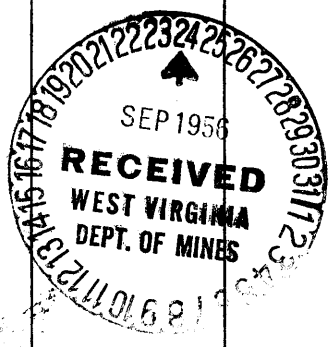
Oil or Gas Well Gas
(KIND)

Company THE MANUFACTURERS LIGHT AND HEAT COMPANY
 Address 800 UNION TRUST BUILDING, PGH., PA.
 Farm Geho Anna L. Harris Acres 20
 Location (waters) _____
 Well No. 4321 (D) Elev. 1028.28
 District Liberty County Marshall
 The surface of tract is owned in fee by _____
 Address _____
 Mineral rights are owned by _____
 Address _____
 Drilling commenced _____
 Drilling completed _____
 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 _____ feet
 Salt water _____ feet _____ feet

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

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 465 FEET _____ INCHES
675 FEET _____ INCHES 775 FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Waynesburg Coal			465	470			
Mapletown Coal			675	680			
Pittsburgh Coal			775	783			
L. Dunkard			1190	1215			
B. Dunkard			1293	1340			
Gas Sand			1475	1500			
1st Salt			1575	1600			
2nd Salt			1670	1730			
Water			1689	1825			
Maxon			1875	1905			
B. Lime			1905	1950			
Injun			1950	2190			
Squaw			2610	2613			
50 ft. Sted Line			2716	2741			
Gordon Stray			2772	2780	Gas 2773'	2775	
Gordon			2781	2819			
4th Sand			2835	2847			
Total Depth			2898				



JUN 20 1957

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

Date September 20, 1956

APPROVED THE MANUFACTURERS LIGHT & HEAT CO., Owner

By *Walter A. ...*
XXXXX LAND AGENT