

033-31669



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Clatsburg

WELL RECORD

Oil or Gas Well Gas

Permit No. _____

Company Hope Natural Gas Company
Address Clatsburg, W. Va.
Farm Midvale Pa. 506 Acres 163

Casing and Tubing _____ Laid in Drilling _____ Left in Well _____ Packers _____

Location (waters) _____ Elevation _____ Kind of Packer _____
Well No. 2909 Elev. 1101'

District 0137 County Randolph _____ 2500 2500 _____
The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by _____
Address _____ 2515' 2515' _____
Depth set _____

Drilling commenced 5-25-13 _____ Perforation top _____

Drilling completed 5-19-13 _____ Perforation bottom _____

Date Shot 5-21-13 From 2506 To 2571 _____
With 20 lbs. _____

Open Flow _____ 10ths Water in _____ Inch _____
_____ 10ths Merc. in _____ Inch _____

Volume Exhausted _____ Cu. Ft. _____
Casing CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

Rock Pressure _____ lbs. _____ hrs. _____
10' casing cemented with 3000# cement

Oil _____ Dbl. Vol. 24.38 _____
COAL WAS ENCOUNTERED AT 135 FEET 96 INCHES

WELL ACIDIZED No _____ FEET _____ INCHES _____ FEET _____ INCHES
WELL FRACTURED No _____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____
ROCK PRESSURE AFTER TREATMENT _____

Fresh Water No record _____ Feet _____
Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Pittsburgh Coal			135	143			
Big Dunkard			655	720			
Gas sand			720 810	855			
First salt			940	990			
Second salt			990	1045			
Little Lime			1483	1495			
Pend. Cave			1495	1500			
Big Lime			1500	1590			
Big Injun			1590	1721	Gas	1672	
Fifty Foot			2110	2170			
Thirty Foot			2195	2230			
Gordon Stray			2404	2424			
Gordon			2425	2450			
Fourth			2473	2498			
Fifth			2566	2591	Gas	2497	
Total depth				2651'			

