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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Harrisville EC

Permit No. 1378A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Hope Natural Gas Co.
Address Clarksburg, W. Va.
Farm Roy Wass Acres 92
Location (waters) Jesse Cain's Run
Well No. 4498 Elev. 978
District Murphy County Ritchie
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____
Drilling commenced Sept. 15, 1916
Drilling completed Nov. 3, 1916
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.
WELL ACIDIZED _____
WELL FRACTURED _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer <u>Shoe, Shoe, A, Shoe</u>
16			Size of <u>8; 6;</u>
13			<u>6x3; 6x3; 3.</u>
10	<u>167'</u>	<u>None</u>	Depth set <u>1131; 1942;</u>
8 3/4	<u>1138'</u>	<u>1138'</u>	<u>2006; 2040.</u>
6 5/8	<u>1953'</u>	<u>1953'</u>	
5 3/16			
3	<u>2090'</u>	<u>2090'</u>	Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

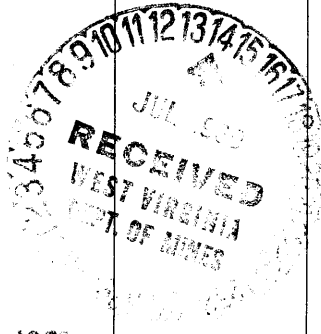
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
<u>Salt Sand</u>			<u>1715'</u>	<u>1760'</u>			
<u>Maxon Sand</u>			<u>1766'</u>	<u>1885'</u>	<u>Gas 1846'</u>		
<u>Injun Sand</u>			<u>2026'</u>	<u>2046'</u>	<u>Gas 2027'</u>		
					<u>Total Depth 2072'</u>		



JAN 3 1916