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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

OIL & GAS DIVISION
DEPT. OF MINES

Oil and Gas Division

WELL RECORD

Rotary Oil _____
Cable _____ Gas C. NOLL
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind)

Quadrangle Centerpoint

Permit No. DOD-1659

Company RAMCO Oil & Gas Corp.
Address P. O. Box 99, Belpre, Ohio 45714
Farm J. R. Boggess Acres 54
Location (waters) Big Battle
Well No. 1 Elev. 867'
District McClellan County Doddridge
The surface of tract is owned in fee by Robert S. Wilson
Address Salem, W. Va.
Mineral rights are owned by Robert S. Wilson
Address Salem, W. Va.
Drilling Commenced 12/26/71
Drilling Completed 1/4/72
Initial open flow _____ cu. ft. _____ bbls.
Final production 250,000 cu. ft. per day _____ bbls.
Well open 48 hrs. before test 485# RP.
Well treatment details:

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 13-10"			
9 5/8			
8 5/8	473'	473'	120 sks.
7			
5 1/2			
4 1/2		1994'	80 sks.
3			
2			
Liners Used			

Attach copy of cementing record. Lawson Cementing Co.

Fractured - Halliburton, 1251 bbls., 56,000#, 20/40 sand.

Perforated - 12 holes at 1846' to 1848' - Big Injun

250 McF

Coal was encountered at 435 Feet 96 Inches
Fresh water 100' Feet Salt Water _____ Feet
Producing Sand Big Injun Depth 1936' to 1952'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	* Remarks
Soil		soft	0	10		
Red Rock & Sand		soft	10	241		
Slate		hard	241	338		
Lime		hard	338	435		
Coal		soft	435	443		
Sand & Shale		soft	443	601		
Sand & Slate		hard	601	1038		
Sand & Shale		hard	1038	1538	show of oil at 1284'	
Sand & Lime		hard	1538	1726		
*Big Lime		hard	1726	1826		*Big Lime - 1742'
*Big Injun		hard	1826	1952		*Big Injun - 1856'
Shale		soft	1952	2018		
TD			2018			

(over)

* Indicates Electric Log tops in the remarks section.

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