

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 7/1/2013
API #: 47-5300482

Farm name: JORDAN, MARY E. Operator Well No.: M JORDAN 1H

LOCATION: Elevation: 590' Quadrangle: MOUNT OLIVE 7.5

District: (06) HANNAN County: (53) MASON
Latitude: 1520 Feet South of 38 Deg. 37 Min. 30 Sec.
Longitude 12790 Feet West of 82 Deg. 05 Min. 00 Sec.

Company: RAM ENERGY RESOURCES (WV), INC.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
5100 E SKELLY DR, STE 650 TULSA, OK 74135				
Agent:				
Inspector: JAMIE STEVENS				
Date Permit Issued: <u>3/26/2008</u>	<u>13 3/8"</u>	<u>28'</u>	<u>28'</u>	
Date Well Work Commenced: <u>6/30/2008</u>	<u>9 5/8"</u>	<u>441'</u>	<u>441'</u>	<u>175</u>
Date Well Work Completed: <u>7/17/2008</u>	<u>7"</u>	<u>2352'</u>	<u>2352'</u>	<u>230/100</u>
Verbal Plugging:				<u>105/100</u>
Date Permission granted on:	<u>4 1/2"</u>	<u>5189'</u>		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3362'</u>				
Total Measured Depth (ft): <u>5277'</u>				
Fresh Water Depth (ft.): <u>833</u>				
Salt Water Depth (ft.): <u>1473</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation HURON Pay zone depth (ft) 3280'-3607'

Gas: Initial open flow 80 MCF/d Oil: Initial open flow 1/2 Bbl/d

Final open flow 80 MCF/d Final open flow 1/2 Bbl/d

Time of open flow between initial and final tests 24 Hours

Static rock Pressure 500 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.


Signature

7-1-13
Date

11/01/2013

5300482

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list NO

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

Stage 1 - 4859'-5188'. Pumped 2,310 gals 80Q Foam Pad & 8,732 gals treatment fluid, avg. rate 45 BPM; avg. psi 3419#, pumped 78,125# 30/50 White sand 1-3 PPG. Used 1,121,000 SCF N2. 262.9 TBTR.

Stage 2 - 4348'-4802'. Pumped 2,310 gals 80Q Foam Pad & 8,421 gals treatment fluid, avg. rate 45 BPM; avg. psi 2565#, pumped 74,478# 30/50 White sand 1-3 PPG. Used 1,077,000 SCF N2. 255.5 TBTR.

Stage 3 - 3896'-4124'. Pumped 3,465 gals 80Q Foam Pad & 8,484 gals treatment fluid, avg. rate 45 BPM; avg. psi 2676#, pumped 77,681# 30/50 White sand 1-3 PPG. Used 1,159,000 SCF N2. 284.5 TBTR.

Stage 4 - 3444'-3896'. Pumped 2,171 gals 80Q Foam Pad & 9,681 gals treatment fluid, avg. rate 45 BPM; avg. psi 3359#, pumped 105,839# 30/50 White sand 1-3 PPG. Used 1,186,000 SCF N2. 282.8 TBTR.

Plug Back Details Including Plug Type and Depth(s): 5189' Packers Plus System

Formations Encountered: _____ Top Depth / _____ Bottom Depth
Surface:

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
BEREA	2086'	2110'
GORDON	2310'	3100'
LOWER HURON A	3100'	3280'
LOWER HURON B	3280'	3607'

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