

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 #: 47-5300485

Farm name: STURGEON, DOUGLAS Operator Well No.: R MAYES 1H

LOCATION: Elevation: 691' Quadrangle: MOUNT OLIVE 7.5

District: (06) HANNAN County: (53) MASON
Latitude: 2680' Feet South of 38 Deg. 37 Min. 30 Sec.
Longitude 8115' 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>3/27/2008</u>	<u>13 3/8"</u>	<u>25'</u>	<u>25'</u>	
Date Well Work Commenced: <u>6/10/2008</u>	<u>9 5/8"</u>	<u>472'</u>	<u>472'</u>	<u>175</u>
Date Well Work Completed: <u>7/23/2008</u>	<u>7"</u>	<u>2455'</u>	<u>2455'</u>	<u>250/100</u>
Verbal Plugging:				<u>Tail 100</u>
Date Permission granted on:	<u>4 1/2"</u>	<u>6334'</u>	<u>6334'</u>	<u>50</u>
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>3377'</u>				
Total Measured Depth (ft): <u>6362'</u>				
Fresh Water Depth (ft.): <u>910'</u>				
Salt Water Depth (ft.): <u>N/A</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)

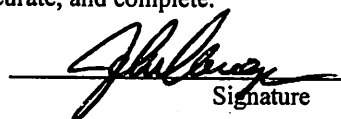
Producing formation HURON Pay zone depth (ft) 3375'
Gas: Initial open flow 80 MCF/d Oil: Initial open flow 1/2 Bbl/d
Final open flow 80 MCF/d Final open flow 1/2 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 500 psig (surface pressure) after 24 Hours

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

53.00485

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 - 5867'-6362'. Pumped 2,218 gals 80Q Foam Pad & 9,710 gals treatment fluid, avg. rate 45 BPM; avg. psi 3294#, pumped 77,365# 30/50 White sand 1-3 PPG. Used 1,387,000 SCF N2. 284 TBTR.

Stage 2 - 5314'-5810'. Pumped 1,016 gals 80Q Foam Pad & 9,383 gals treatment fluid, avg. rate 45 BPM; avg. psi 3184#, pumped 77,261# 30/50 White sand 1-3 PPG. Used 1,147,000 SCF N2. 247.6

Stage 3 - 4818'-5314'. Pumped 24,912 gals 80Q Foam Pad & 7,816 gals treatment fluid, avg. rate 45 BPM; avg. psi 2678#, pumped 72,195# 30/50 White sand 1-3 PPG. Used 1,029,000 SCF N2. 230 TBTR.

Stage 4 - 4281'-4818'. Pumped 2,302 gals 80Q Foam Pad & 11,207 gals treatment fluid, avg. rate 46.4 BPM; avg. psi 2453#, pumped 109,149# 30/50 White sand 1-3 PPG. Used 1,426,000 SCF N2. 321.4 TBTR.

Stage 5 - 3572'-4281'. Pumped 2,854 gals 80Q Foam Pad & 10,025 gals treatment fluid, avg. rate 51 BPM; avg. psi 3099#, pumped 101,709# 30/50 White sand 1-4 PPG. Used 1,139,480 SCF N2. 301.9 TBTR.

Plug Back Details Including Plug Type and Depth(s): 6334' Packers Plus System

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

Formations Encountered	Top Depth	Bottom Depth
BEREA	2190'	2230'
GORDON	2240'	3190'
LOWER HURON A	3195'	3375'
LOWER HURON B	3375'	NP

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