

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 #: 47-5300516-H

Farm name: MAYES, RANDALL

Operator Well No.: MAYES/STOVER 1H

LOCATION: Elevation: 836'

Quadrangle: GLENWOOD 7.5

District: (06) HANNAN

County: (53) MASON

Latitude: 3370' Feet South of 38 Deg. 37 Min. 30 Sec.

Longitude 7790' Feet West of 82 Deg. 07 Min. 30 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: 8/12/2008	13 3/8"	44.5'	44.5'	SAND
Date Well Work Commenced: 9/27/2008	9 5/8"	544'	544'	190
Date Well Work Completed: 11/6/2008	7"	2516'	2516'	190/100
Verbal Plugging:				150
Date Permission granted on:	4 1/2"	6865'	6865'	50
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 3392'				
Total Measured Depth (ft): 5470'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): 1895'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation HURON Pay zone depth (ft) 3375' - 3470'

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

5300516

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 - 5289'-5299'. Pumped 890 gals 80Q Foam Pad & 14,127 gals treatment fluid, avg. rate 45 BPM; avg. psi 3543#, pumped 101,997# 30/50 White sand 1-3 PPG. Used 1,224,746 SCF N2. 282 TBTR.

- Stage 2 - 4937'-4947'. Pumped 848 gals 80Q Foam Pad & 12,765 gals treatment fluid, avg. rate 45 BPM; avg. psi 2370#, pumped 99,072# 30/50 White sand 1-3 PPG. Used 911,240 SCF N2. 263 TBTR.

- Stage 3 - 4571'-4581'. Pumped 882 gals 80Q Foam Pad & 14,131 gals treatment fluid, avg. rate 45 BPM; avg. psi 2160#, pumped 101,714# 30/50 White sand 1-3 PPG. Used 847,310 SCF N2. 268 TBTR.

- Stage 4 - 4205'-4215'. Pumped 638 gals 80Q Foam Pad & 14,916 gals treatment fluid, avg. rate 45 BPM; avg. psi 2014#, pumped 107,891# 30/50 White sand 1-3 PPG. Used 781,483 SCF N2. 272 TBTR.

- Stage 5 - 3836'-3846'. Pumped 575 gals 80Q Foam Pad & 21,005 gals treatment fluid, avg. rate 45 BPM; avg. psi 2681#, pumped 104,326# 30/50 White sand 1-4 PPG. Used 1,423,538 SCF N2. 359 TBTR.

Plug Back Details Including Plug Type and Depth(s): 5448' Packers Plus System

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
BEREA	2248'	2266'
GORDON	2290'	3350'
LOWER HURON A	3375'	3470'
LOWER HURON B	NP	NP

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