

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: 12/29/2011
API #: 47-6101622



Farm name: Enrout Properties, LLC Operator Well No.: MIP 4H

LOCATION: Elevation: 1,130' Quadrangle: Morgantown South

District: Grant County: Monongalia
Latitude: 8280 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude 5080 Feet West of 79 Deg. 57 Min. 30 Sec.

Company: Northeast Natural Energy LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
707 Virginia Street East, Suite 1400 Charleston, WV 25301	20"	41'	41'	to surface
Agent: John D. Adams	13 3/8"	479'	479'	to surface
Inspector: Sam Ward	9 5/8"	1,558'	1,558'	to surface
Date Permit Issued: March 10, 2011	5 1/2"	11,452'	11,453'	to surface
Date Well Work Commenced: May 9, 2011				
Date Well Work Completed: July 4, 2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,414'				
Total Measured Depth (ft): 11,473'				
Fresh Water Depth (ft.): 50, 450				
Salt Water Depth (ft.): NA				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 200, 225				
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 Marcellus Shale Pay zone depth (ft) 7,460
Gas: Initial open flow 4,204 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 4,022 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 25 Hours
Static rock Pressure 2425 psig (surface pressure) after 6 Hours

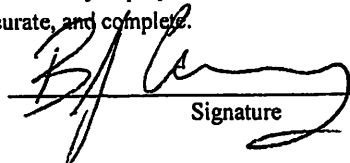
Second producing formation N/A Pay zone depth (ft) N/A
Gas: Initial open flow N/A MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow N/A MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure N/A psig (surface pressure) after N/A Hours

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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

12/29/11
Date

03/22/2013

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list triple combo

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:

Stg 1: 11,093'-11,333'; 377,939 gal; 399,888 lbs; 80.6 bpm	Stg 7: 8,993'-9,273'; 376,007 gal; 400,695 lbs; 81.1 bpm
Stg 2: 10,743'-11,023'; 377,645 gal; 402,652 lbs; 81.1 bpm	Stg 8: 8,643'-8,923'; 375,671 gal; 404,725 lbs; 82.4 bpm
Stg 3: 10,393'-10,708'; 377,309 gal; 405,246 lbs; 80.5 bpm	Stg 9: 8,293'-8,573'; 375,377 gal; 406,282 lbs; 81.1 bpm
Stg 4: 10,043'-10,323'; 376,973 gal; 404,182 lbs; 80.9 bpm	Stg 10: 7,943'-8,223'; 374,999 gal; 402,038 lbs; 81.8 bpm
Stg 5: 9,693'-9,973'; 376,679 gal; 406,458 lbs; 80.0 bpm	Stg 11: 7,593'-7,873'; 374,705 gal; 421,676 lbs; 81.5 bpm
Stg 6: 9,343'-9,623'; 376,343 gal; 400,758 lbs; 81.2 bpm	

Plug Back Details Including Plug Type and Depth(s):

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

Shale/Sand 0-1850 *Top from surface to Balltown are from the mudlog

Gordon Stray 1850-1900

Sand/Shale 1900-2200

Gordon 2200-2250

Sand/Shale 2250-2900

Speechley 2900-3100

Sand/Shale 3100-3200

Balltown 3200-3400

Sand/shale 3400-4900

Shale 4900-7180

Geneseo 7180-7200 *Top from Geneseo to TD are from open hole log

Tully 7200-7300

Hamilton 7300-7460

Marcellus 7460-7560

Onondaga 7560-TD

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