

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: 12/03/2013  
API #: 47-021-05451 D

Farm name: Morris, I.L Operator Well No.: Fulton 18-H

LOCATION: Elevation: 731' Quadrangle: Glenville 7.5'

District: Glenville County: Gilmer  
Latitude: 0 Feet South of 38 Deg. 57 Min. 22.496 Sec.  
Longitude 0 Feet West of 80 Deg. 48 Min. 35.756 Sec.

Company: Energy Corporation of America

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
501 56th Street SE Charleston, West Virginia 25304	16"	13'	13'	Driven
Agent: Rodney Winters, VP of Land	13"	36'	36'	Driven
Inspector: <b>Brian Harris</b>	9-5/8"	401'	401'	192
Date Permit Issued: 08/29/2012	7"	5557'	5557'	550
Date Well Work Commenced: 09/06/2013	4-1/2"	8362'	8362'	412
Date Well Work Completed: 11/21/2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6000				
Total Measured Depth (ft): 8396				
Fresh Water Depth (ft.): 50'				
Salt Water Depth (ft.): NA				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>N/A</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

Existing  
Existing  
Existing  
Existing

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

Producing formation Devonian Shale Pay zone depth (ft) 8275-6325

Gas: Initial open flow 278 MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 770 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests 24 Hours

Static rock Pressure 2100 psig (surface pressure) after 20 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

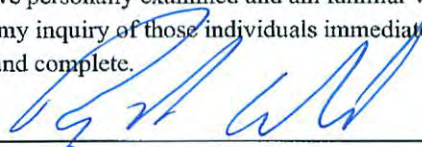
Static rock Pressure N/A psig (surface pressure) after N/A Hours

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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

12/03/2013

Date

02/28/2014

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes X No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list N/A

**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 (8275-8175) - 150077 lbs. Sand w/ 4214 bbls CFL    Stage 2 (8125-8025) - 150855 lbs Sand w/ 4267 bbls CFL  
Stage 3 (7970-7875) - 150021 lbs Sand w/ 4383 bbls CFL    Stage 4 (7825-7725) - 150638 lbs Sand w/ 4262 bbls CFL  
Stage 5 (7675-7575) - 142003 lbs Sand w/ 3880 bbls CFL    Stage 6 (7525-7425) - 150000 lbs Sand w/ 4027 bbls CFL  
Stage 7 (7025-6928) - 87204 lbs Sand w/ 3537 bbls CFL    Stage 8 (6875-6775) - 151360 lbs Sand w/ 4257 bbls CFL  
Stage 9 (6725-6625) - 150244 lbs Sand w/ 5084 bbls CFL    Stage 10 (6568-6475) - 151282 lbs Sand w/ 4294 bbls CFL  
Stage 11 (6425-6325) 2193 lbs Sand w/ 1143 bbls CFL

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

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth  
Surface: \_\_\_\_\_

Top fill - 0/34	Sand & Shale - 34/1324
Little Lime - 1324/1350	Shale - 1350/1370
Big Lime - 1370/1495	Sand & Shale - 1495/1605
Weir Sand - 1605/1740	Sand & Shale - 1740/1790
Berea - 1790/1805	Shale - 1805/2603
Warren - 2603/2640	Shale - 2640/2674
Speechley - 2674/2689	Shale - 2689/2856
Lower Speechley - 2856/2900	Sand & Shale - 2900/3415
Balltown - 3415/3450	Sand & Shale - 3450/3800
Riley - 3800/3835	Sand & Shale - 3835/4165
Benson - 4165/4190	Sand & Shale - 4190/4420
Alexander - 4420/4550	Shale - 4550/4900
Sandy Shale - 4900/5055	Shale - 5055/5085
Sandy Shale - 5085/6150	Limestone - 6150/6280
Shale - 6280/6540	Limestone- 6540/7200      Shale- 7200/8340

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