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: 501 56th Street SE	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Charleston, West Virginia 25304	16"	13'	13'	Driven
Agent: Rodney Winters, VP of Land	13"	36'	36'	Driven
Inspector: Brian Harris	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 ☑ Cable ☐ Rig ☐				
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)? N				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) N/A				

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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