

WR-35

7/3/12

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

API # 47-049-02182

Well Operator's Report of Well Work

Farm name: Donna **Operator Well No:** #5H

Location: Elevation: 1,171 Quadrangle: Mannington

District: Lincoln County: Marion

Latitude: 39 ° 34' 27.6"

Longitude: 80 ° 17' 40.8"

Company: Eastern American Energy Corporation
501 56th Street
Charleston, WV 25304

Agent: Rodney A. Winters

Inspector:

Permit Issued: 8/1/2011

Well work commenced: 10/27/2011

Well work completed: 7/03/2012

Verbal plugging

Permission granted on:

Rotary X Cable Rig

Total Depth (ft): 11,288'

Fresh Water depths (ft): 236'

Salt-water depths (ft):

Is coal being mined in the area? (Y/N): N

Coal depths (ft): 617'

Casing & Tubing	Used in Well	Left in Well	Cement Fill Up Cu. Ft
20"	40'	40'	40 cu ft.
13 3/8"	722'	722'	722 cu ft
9 5/8"	3,958'	3,958'	1727 cu ft
5 1/2"	11,288'	11,288'	1584 cu ft
2-3/8"	7,988'	7,988'	Tubing head

Open Flow Data

Gas: Initial open flow 835 MCF/d Oil: Initial open flow 0 Bbl/dFinal open flow 736 MCF/d Final open flow 0 Bbl/dTime of open flow between initial and final tests 1 DaysStatic rock pressure: 2690 psi Surface pressure after 12 Hours.1st Producing Formation Devonian Shale Pay zone depth (ft) 7533'-7688'2nd Producing Formation Pay zone depth (ft) 3rd Producing Formation Pay zone depth (ft)

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.


_____, Agent

For: Energy Corporation of America

By: Rodney A. Winters
By: Designated Agent

Date: July 11, 2012

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STAGE ONE:	Devonian Shale		
	30 Holes	11,227' – 11,067'	
	Water Frac	99,400 Lbs sand.	6,045 bbl CFL
STAGE TWO:	Devonian Shale		
	30 Holes	10,775' – 10,547'	
	Water Frac	68,000 Lbs sand.	4,128 bbl CFL
STAGE THREE:	Devonian Shale		
	30 Holes	10,432' – 10,210'	
	Water Frac	300,200 Lbs sand.	7,596 bbl CFL
STAGE FOUR:	Devonian Shale		
	30 Holes	10,050' – 9,873'	
	Water Frac	301,700 Lbs sand.	7,623 bbl CFL
STAGE FIVE:	Devonian Shale		
	30 Holes	9,764' – 9,528'	
	Water Frac	298,700 Lbs sand.	7,482 bbl CFL
STAGE SIX:	Devonian Shale		
	30 Holes	9,427' – 9,196'	
	Water Frac	312,700 Lbs sand.	7,558 bbl CFL
STAGE SEVEN:	Devonian Shale		
	30 Holes	9,092' – 8,862'	
	Water Frac	299,900 Lbs sand.	7,354 bbl CFL
STAGE EIGHT:	Devonian Shale		
	30 Holes	8,748' – 8,525'	
	Water Frac	300,100 Lbs sand.	7,410 bbl CFL
STAGE NINE:	Devonian Shale		
	30 Holes	8,416' – 8,192'	
	Water Frac	291,500 Lbs sand.	7,192 bbl CFL

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FORMATION COLOR, HARD OR SOFT	TOP FEET	BOTTOM FEET
Top Fill	0	40
Sand & Shale	40	1150
Maxton	1700	1762
Little Lime	1906	1920
Pencil Cave	1920	1938
Big Lime	1938	2030
Big Injun	2030	2138
50 Foot	2632	2683
0 Foot	2850	2890
Gordon	2923	2988
Fifth	3101	3119
Benson	4696	4708
Alexander	5624	5648
Geneseo	7402	7450
Tully	7450	7490
Hamilton	7490	7533
Upper Marcellus	7533	7618
Cherry Valley	7618	7623
Lower Marcellus	7623	7688
Onondaga	7688	7703

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