

WR-35
Rev (9-11)State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well WorkDATE: 3-6-2012
API #: 47-051-01315Farm name: O E Burge Operator Well No.: 6H (627381)LOCATION: Elevation: 1355' Quadrangle: Glen Easton 7 1/2', Littleton 7 1/2'District: Liberty County: Marshall
Latitude: 1960' Feet South of 39 Deg. 47 Min. 30 Sec.
Longitude 14,856' Feet West of 80 Deg. 35 Min. 00 Sec.Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496				
Oklahoma City, OK 73154-0496	20"	100'	100'	Driven
Agent: Eric Gillespie	13 3/8"	1227'	1227'	1218 cf
Inspector: Bill Hendershot	9 5/8"	2625'	2625'	1125 cf
Date Permit Issued: 10/20/2009	5 1/2"	13123'	13123'	3474 cf
Date Well Work Commenced: 9/12/2011				
Date Well Work Completed: 1/30/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,117'(cement plug 13,049')				
Total Measured Depth (ft): 13,136'				
Fresh Water Depth (ft.): 104'				
Salt Water Depth (ft.): 1653'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1085'				
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 Pay zone depth (ft) 7,400'-13,030'Gas: Initial open flow 4,665 MCF/d Oil: Initial open flow 22 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 4,626 psig (surface pressure) after _____ 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.

Marlene Williams
Signature

5/7/2012
Date

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 **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:

(See Attached)

Plug Back Details Including Plug Type and Depth(s): **Cement @ 13,049'**

<u>Formations Encountered:</u>	<u>Top Depth</u>	/	<u>Bottom Depth</u>
<u>Surface:</u>			

(See Attached)

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FORMATION/LITHOLOGY	TOP DEPTH (ft)	BOTTOM DEPTH (ft)
Shale w/ minor LS	0	210
LS w/ minor Shale	210	350
Shale, LS, and SS	350	800
SS	800	1000
Shale, LS, and minor SS	1000	1085
Pittsburgh Coal	1085	1095
Shale and LS	1095	1530
Shale	1530	1700
SS and Shale	1700	2000
LS and SS	2000	2218
Big Injun	2218	2473
Shale	2473	5130
Shale w/ minor LS and SS	5130	5160
Shale w/ minor LS	5160	5750
Shale	5750	6550
Shale w/ minor LS	6550	7017
Geneseo	7017	7044
Tully	7044	7079
Hamilton	7079	7235
Marcellus	7235	7257
Shale	7257	13136

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PERFORATION RECORD ATTACHMENT

Well Name and Number: O E Burge 6H (627381)

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated		<i>Fluid</i>		<i>Propping Agent</i>		Average Injection
	From	To				Type	Amount	Type	Amount	
1/22/2012	12,646	13,030	1/22/2012	12,646	13,030	Slk Wtr	10,937	Sand	571,120	78.0
1/23/2012	12,169	12,553	1/23/2012	12,169	12,553	Slk Wtr	12,450	Sand	569,180	78.0
1/23/2012	11,692	12,076	1/23/2012	11,692	12,076	Slk Wtr	11,296	Sand	569,080	79.0
1/24/2012	11,213	11,595	1/24/2012	11,213	11,595	Slk Wtr	11,182	Sand	570,740	83.0
1/25/2012	10,738	11,122	1/25/2012	10,738	11,122	Slk Wtr	12,476	Sand	570,260	81.0
1/26/2012	10,262	10,645	1/26/2012	10,262	10,645	Slk Wtr	11,495	Sand	570,720	85.0
1/26/2012	9,785	10,169	1/26/2012	9,785	10,169	Slk Wtr	10,820	Sand	580,368	83.0
1/27/2012	9,308	9,692	1/27/2012	9,308	9,692	Slk Wtr	13,942	Sand	571,580	83.0
1/27/2012	8,831	9,215	1/27/2012	8,831	9,215	Slk Wtr	12,002	Sand	569,920	81.0
1/28/2012	8,354	8,738	1/28/2012	8,354	8,738	Slk Wtr	12,691	Sand	570,126	79.0
1/29/2012	7,877	8,261	1/29/2012	7,877	8,261	Slk Wtr	11,229	Sand	570,220	81.0
1/30/2012	7,400	7,789	1/30/2012	7,400	7,789	Slk Wtr	13,374	Sand	572,231	82.0

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