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:	1-27-2012
API#:	47-009-00085

Farm name: Barry Greathouse B 3H	Operator Well No.: 832805					
LOCATION: Elevation: 1150'	Quadrangle: Tiltonsville WV					
District: Buffalo	County: Brook	<b>«e</b>				
Latitude: 4540' Feet South of 40 Deg.	12 Min		•			
Longitude 7490' Feet West of 80 Deg.	37 Min	. 30 Sec.	,			
Company: Chesapeake Appalachia, L.L.C.						
Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.		
Oklahoma City, OK 73154-0496	20"	100'	100'	Driven		
Agent: Eric Gillespie	13 3/8"	347'	347'	349 Cu. Ft.		
Inspector: Bill Hendershot	9 5/8"	1743'	1743'	760 Cu. Ft.		
Date Permit Issued: 1/11/2011	5 1/2"	11126'	11126'	2982 Cu. Ft.		
Date Well Work Commenced: 2/24/2011						
Date Well Work Completed: 9/4/2011						
Verbal Plugging:						
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 5,847' (cement plug 5,086')						
Total Measured Depth (ft): 11,126'						
Fresh Water Depth (ft.): 525'						
Salt Water Depth (ft.): 1136'						
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): 279'						
Void(s) encountered (N/Y) Depth(s) N						
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay :  Gas: Initial open flow MCF/d Oil: Initial	zone depth (ft)_ low_0B	6,083'-10,988' bl/d	ta on separate si	heet)		
Final open flow 1,385 MCF/d Final open flow 307 Bbl/d						
Time of open flow between initial and final tests 56 Hours  Static rock Pressure 3,722 psig (surface pressure) after Hours						
	H 11	•				
Second producing formation Pay zo	<u></u>	OCIL	<b>3</b>			
Gas: Initial open flowMCF/d Oil: Initial open flowBbl/d  Final open flowMCF/d Final open flowBbl/d						
Time of open flow between initial and final tests	Hours		Panney:			
Static rock Pressurepsig (surface pressure) af	terHou	rs	·			

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.

Marley Welliams
Signature

7-30-2012 Date

08/17/2012

Were core samples taken? Yes_Y	_ No We	re cuttings caught during dril	lling? Yes Y No
Were Electrical, Mechanical or Geophy open hole logs run from 0-5860' MD; LWD GR from 4	rsical logs recorded on this well? 620-11126' MD.	If yes, please list GR, neut	ron, density, and resistivity
NOTE: IN THE AREA BELOW FRACTURING OR STIMULATING DETAILED GEOLOGICAL RECO COAL ENCOUNTERED BY THE V	G, PHYSICAL CHANGE, ET ORD OF THE TOPS AND	C. 2). THE WELL LOG W BOTTOMS OF ALL FO	HICH IS A SYSTEMATIC
Perforated Intervals, Fracturing, or Stim	nulating:		
(See Attached)			
Plug Rack Details Including Plug Type	and Denth(s): 0		
Plug Back Details Including Plug Type	and Depth(s). Cement @5,	086'; Lateral Well bor	e Cement @ 11,038'
Formations Encountered: Surface:	Top Depth	/	Bottom Depth
(See Attached)			
			<del></del>
· · · · · ·			
			19 (1) (19 K)

JUL 3 1 2002

## PERFORATION RECORD ATTACHMENT

Well Name and Number: Barry Greathouse B 3H (832805)

PERFO	RATION RI	RECORD STIMULATION RE			ORD STIMULATION RECORD					
	Interval P	nterval Perforated				F	luid	Proppin	g Agent	Average
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
8/22/2011	10,666	10,988	8/22/2011	10,666	10,988	Slk Wtr	11,500	Sand	482,045	83.0
8/22/2011	9,883	10,573	8/22/2011	9,883	10,573	Slk Wtr	20,904	Sand	722,362	56.0
8/24/2011	9,358	9,792	8/24/2011	9,358	9,792	Slk Wtr	13,951	Sand	595,253	88.0
8/25/2011	8,933	9,315	8/25/2011	8,933	9,315	Slk Wtr	10,308	Sand	571,510	87.0
8/25/2011	8,458	8,865	8/25/2011	8,458	8,865	Slk Wtr	9,802	Sand	571,510	83.0
8/26/2011	7,983	8,369	8/26/2011	7,983	8,369	Slk Wtr	2,205	Sand	567,838	92.0
8/28/2011	7,463	7,890	8/28/2011	7,463	7,890	Slk Wtr	12,162	Sand	576,744	85.0
9/1/2011	7,033	7,415	9/1/2011	7,033	7,415	Slk Wtr	9,527	Sand	428,254	70.0
9/1/2011	6,558	6,940	9/1/2011	6,558	6,940	Slk Wtr	10,013	Sand	573,037	84.0
9/1/2011	6,083	6,465	9/1/2011	6,083	6,465	Slk Wtr	9,423	Sand	526,654	85.0
				L						
		·								

JUL 8 I max

## **VERTICAL PILOT HOLE**

Formation/Lithology	Top Depth, TVD/MD (ft)	Bottom Depth, TVD/MD (ft)
LS	0	279
PITTSBURG COAL	279	289
LS	289	350
SS	350	900
SS/SHALE	900	1268
BIG LIME (LS)	1268	1394
BIG INJUN (SS)	1394	1590
SHALE/SS	1590	4850
SHALE	4850	5621
GENESEO (SH)	5621	5637
TULLY (LS)	5637	5691
HAMILTON (SH)	5691	5772
MARCELLUS (SH)	5772	5829
ONONDAGA (LS)	5829	
TD OF PILOT HOLE		5847

## LATERAL SIDETRACK WELLBORE

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth TVD (ft)	, 
LS	0	0	279	279	
PITTSBURG COAL	279	279	289	289	
LS	289	289	350	350	
SS	350	350	900	900	
SS/SHALE	900	900	1268	1268	
BIG LIME (LS)	1268	1268	1394	1394	
BIG INJUN (SS)	1394	1394	1590	1590	
SHALE/SS	1590	1590	4850	4850	
SHALE	4850	4850	5731	5618	
GENESEO (SH)	5731	5618	5755	5634	JUL 3 1 2012
TULLY (LS)	5755	5634	5836	5688	
HAMILTON (SH)	5836	5688	6031	5765	
MARCELLUS (SH)	6031	5765		1: 4	figure to gain Street
TD OF LATERAL			11126	5727	