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:	8-22-2012	
API #:	47-069-00100	

ΓΙΟΝ: Elevation: 1331'	Quadrangle: Valley Grove						
District: Tridelphia		County: Ohio					
Latitude: 400' Feet South of 40 Deg		c.					
Longitude 12940' Feet West of 80 Deg	g. 35 Min	Se	c.				
Company: Chesapeake Appalachia, L.L.C.		T:					
Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.			
Oklahoma City, OK 73154-0496	20"	126'	126'	Driven			
Agent: Eric Gillespie	13 3/8"	739'	739'	729 Cu. Ft.			
Inspector: Bill Hendershot	9 5/8"	2295'	2295'	1021 Cu. Ft.			
Date Permit Issued: 11-16-2011	5 1/2"	13947'	13947	2851 Cu. Ft.			
Date Well Work Commenced: 3-23-2012							
Date Well Work Completed: 6-5-2012							
Verbal Plugging:							
Date Permission granted on:							
Rotary Cable Rig							
Total Vertical Depth (ft): 6537'(cement plug@ 5663' - 6512	2')						
Total Measured Depth (ft): 13950'							
Fresh Water Depth (ft.): 82', 350'							
Salt Water Depth (ft.): 1520'							
Is coal being mined in area (N/Y)? N							
Coal Depths (ft.): 683'							
Void(s) encountered (N/Y) Depth(s) N							
Producing formation Marcellus Pay Pay Producing formation Marcellus Pay	zone depth (ft) flow B ow Bb	6,950'-13,814' bl/d bl/d		RECEIV			
econd producing formation Pay z	one denth (ft)		WVG	EOLOGICAL SU ORGANTOWN, WY			
as: Initial open flow MCF/d Oil: Initial open			Me	ORGANTOWN SU			

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.

Marlen Willians Signature

8-28-2012

Were core samples taken? Yes	No_N	Were c	uttings caught	during drilling?	YesNo
Were Electrical, Mechanical or Ge open hole logs run from 0-2318' MD; LWD GR	ophysical logs recorded from 5662-13950' MD.	d on this well? If	yes, please list	GR, neutron, d	lensity, and resistivity
NOTE: IN THE AREA BEI FRACTURING OR STIMULA' DETAILED GEOLOGICAL F COAL ENCOUNTERED BY TO	TING, PHYSICAL C RECORD OF THE T	HANGE, ETC. 2 TOPS AND BO	). THE WEL TTOMS OF	L LOG WHICH ALL FORMA	I IS A SYSTEMATIC
Perforated Intervals, Fracturing, or	Stimulating:				
(See Attached)					
	West of the second seco				
					·
Plug Back Details Including Plug	Type and Depth(s): Ce	ement plug @	5663' - 65	512'	
	PARTIE NO.		V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Formations Encountered: Surface:	T	Cop Depth	<u>/</u>		Bottom Depth
(See Attached)					
•					
				RECEN	/En
			Ś	AUG 29 20	17
<del> </del>			Wv	GEOLOGICAL MORGANTOWN,	

## PERFORATION RECORD ATTACHMENT

Well Number and Name: 833806 Deborah Craig OHI 3H

PERFORATION RECORD		STIMULATION RECORD								
	Interval P	erforated				F	luid	Propp	ing Agent	Average
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
5/20/2012	13,271	13,814	6/1/2012	13,271	13,814	Slk wtr	11,450	Sand	629,800	83
6/1/2012	12,646	13,182	6/1/2012	12,646		Slk wtr	12,275	Sand	630,780	85
6/1/2012	12,012	12,550	6/2/2012	12,012		Slk wtr	11,468	Sand	630,640	84
6/2/2012	11,375	11,918	6/2/2012	11,375	11,918	Slk wtr	11,695	Sand	621,800	82
6/2/2012	10,743	11,286	6/2/2012	10,743	11,286	Slk wtr	11,631	Sand	631,300	84
6/2/2012	10,110	10,654	6/3/2012	10,110	10,654	Slk wtr	11,642	Sand	631,380	85
6/3/2012	9,478	10,021	6/3/2012	9,478	10,021	Slk wtr	11,189	Sand	630,580	86
6/3/2012	8,851	9,389	6/4/2012	8,851	9,389	Slk wtr	12,703	Sand	629,080	85
6/4/2012	8,219	8,757	6/4/2012	8,219	8,757	Slk wtr	10,963	Sand	630,980	86
6/4/2012	7,587	8,125	6/4/2012	7,587	8,125	Slk wtr	11,341	Sand	630,920	85
6/5/2012	6,950	7,493	6/5/2012	6,950	7,493	Slk wtr	11,004	Sand	646,780	85
<b></b>										
<u> </u>			ļ							
<b></b>										
L							L			



## LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 6537 ft TVD @ 6990 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SS	0	0	683	683
PITTSBURG COAL	683	683	690	690
LS ·	690	690	840	840
SS	840	840	990	990
SS/SH	990	990	1770	1770
BIG LIME (LS)	1770	1770	1820	1820
BIG INJUN (SS)	1820	1820	2057	2057
SHALE	2057	2057	6446	6344
GENESEO (SH)	6446	6344	6474	6362
TULLY (LS)	6474	6362	6528	6396
HAMILTON (SH)	6528	6396	6759	6502
MARCELLUS (SH)	6759	6502		
TD OF LATERAL			13950	6443

