WR-35 Rev (8-10)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	5-10-2011	
API#:	47-097-03761	1

TON: Elevation: 1950 GL	Quadrangle:	582 - Rock Cave		
District: 01 - Banks	County: 097 -	· Upshur		
Latitude: 8523' Feet South of 38 Deg.			D.	
Longitude 6565' Feet West of 80 Deg	15 Min		. .	
_{ny:} Chesapeake Appalachia, LLC				
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496, Oklahoma City, OK 73154	20"	80'	80'	91 cf
Agent: Eric Gillespie	13 3/8"	475'	475'	576 cf
Inspector: Bill Hatfield	9 5/8"	2409'	2409'	1144 cf
Date Permit Issued: 9-21-2010	5 1/2"	13,260'	13,260	2569 cf
Date Well Work Commenced: 12/25/2010				
Date Well Work Completed: 5/4/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig			Office of	Oll & Gas
Total Vertical Depth (ft): 7223'			4 n n n	9 2012
Total Measured Depth (ft): 13,260'			APR (9 7.91E
Fresh Water Depth (ft.): 100', 375'			VAN/ Dan	adment o
Salt Water Depth (ft.):			Environitre	ial Profec
Is coal being mined in area (N/Y)? None				
Coal Depths (ft.): n/a				
Void(s) encountered (N/Y) Depth(s)				
Producing formation Marcellus Pay Producing formation Marcellus Pay Producing formation Marcellus Pay Producing formation MCF/d Oil: Initial open formation MCF/d Final open flow Time of open flow between initial and final tests paid (surface pressure) and producing formation Pay zones: Initial open flow MCF/d Oil: Initial open flow Pay zones: Initial open flow MCF/d Oil: Initial open flow	zone depth (ft) flow B W Bl Hours fter Hou	7,592'-13,114' bl/d ol/d S	ata on separate sh	neet)

I certify under penalty of law that I have personally examined and am familiar with the information subnitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I blieve that the information is true, accurate, and complete.

Maria Williams
Signature

Static rock Pressure _____psig (surface pressure) after _____Hours

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Were core samples taken? Yes No	Were	cuffings caught duri	ng drilling? Yes NoNo
Were $\frac{N}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical,	Y or Geophysical logs rec	corded on this well?	
NOTE: IN THE AREA BELOW PU FRACTURING OR STIMULATING, PI DETAILED GEOLOGICAL RECORD O ENCOUNTERED BY THE WELLBORE	HYSICAL CHANGE, ETC. OF THE TOPS AND BOTTO	2). THE WELL LOMS OF ALL FOR	OG WHICH IS A SYSTEMATIC
Perforated Intervals, Fracturing, or Stimulati	ing:		
(See Attached)	·		

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
(See attached)			RECEIVED Office of Oil & Gas
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			WW Department of
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FORMATION/LITHOLOGY	TOP DEPTH (ft)	BOTTOM DEPTH (ft)
SS and Shale	0	1425
Big Lime	1425	1646
Big Injun	1646	1856
SS and Sltst	1856	3600
SS and Shale w/ minor Sltst	3600	3989
Benson	3989	4400
Sltst and SS w/ minor Shale	4400	5050
Sltst and Shale w/ minor SS	5050	6895
Geneseo	6895	6931
Tully	6931	6962
Hamilton	6962	7049
Marcellus	7049	12599

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WV Department of Environmental Protection

PERFORATION RECORD ATTACHMENT

Well Name and Number: James Ogden 1H (822409)

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated			Fluid		iid	Propping Agent		Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
3/1/2011	12792	13114	3/1/2011	12792	13114	Slk Wtr	9887	Sand	461800	90
3/2/2011	12392	12714	3/2/2011	12392	12714	Slk Wtr	10969	Sand	473200	83
3/2/2011	11992	12314	3/2/2011	11992	12314	Slk Wtr	10065	Sand	374360	84
3/3/2011	11592	11914	3/3/2011	11592	11914	Sik Wtr	10128	Sand	377560	85
3/3/2011	11192	11514	3/3/2011	11192	11514	Slk Wtr	9914	Sand	453000	85
3/4/2011	10792	11114	3/4/2011	10792	11114	Slk Wtr	10003	Sand	480900	85
3/4/2011	10392	10714	3/4/2011	10392	10714	Slk Wtr	9252	Sand	374840	85
3/13/2011	9988	10314	3/13/2011	9988	10314	Slk Wtr	10514	Sand	491360	84
3/14/2011	9592	9914	3/14/2011	9592	9914	Slk Wtr	9899	Sand	478860	84
3/15/2011	9192	9514	3/15/2011	9192	9514	Slk Wtr	10402	Sand	482660	82
3/17/2011	8792	9114	3/17/2011	8792	9114	Slk Wtr	14729	Sand	492360	82
3/17/2011	8392	8714	3/17/2011	8392	8714	Slk Wtr	10101	Sand	483720	85
3/18/2011	7992	8314	3/18/2011	7992	8314	Slk Wtr	10281	Sand	474140	88
3/18/2011	7592	7914	3/18/2011	7592	7914	Slk Wtr	10268	Sand	481900	86
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