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	

4050 C		'00 B I O			
OCATION: Elevation: 1950 GL	Quadrangle: 582 - Rock Cave				
District: 01 - Banks	County: 097 -				
Latitude: 8523' Feet South of 38 Deg. Longitude 6565' Feet West of 80 Deg.					
	15 Min.	Sec.			
ompany: Chesapeake Appalachia, LLC		Y			
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:			RECT		
Rotary Cable Rig			Office of	Oil & Gas	
Total Vertical Depth (ft): 7223'			LDO 6	6 7042 0 C32	
Total Measured Depth (ft): 13,260'			APR	g) L. U 12.	
Fresh Water Depth (ft.): 100', 375'			VAN/ Chan	adment of	
Salt Water Depth (ft.):			nvironnar	tal Protect	
Is coal being mined in area (N/Y)? None					
Coal Depths (ft.): n/a					
Void(s) encountered (N/Y) Depth(s)					
OPEN-FLOW DATA (If more than two producing formation		1 1.11:41 1 . 1		4)	
	zone depth (ft)		ta on separate sii	eet)	
Gas: Initial open flow 1,927 MCF/d Oil; Initial open fl					
Final open flow MCF/d Final open flow					
Time of open flow between initial and final tests  Static rock Pressure <sup>3,250</sup> psig (surface pressure) af	Hours				

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.

Bbl/d

Maria Williams
Signature

Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d Final open flow MCF/d Final open flow

Time of open flow between initial and final tests Hours Static rock Pressure \_\_\_\_\_psig (surface pressure) after \_\_\_\_\_Hours

Were core samples taken? YesNo_X	Were cuttings caught during drilling? Yes X NoNo
Were $\frac{N}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$	or Geophysical logs recorded on this well?
FRACTURING OR STIMULATING, PHYSI	THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, ICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC HE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL DM SURFACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
(See Attached)	
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Formations Encountered: Surface:	Top Depth / Bottom Depth
(See attached)	The state of the s
	Office of On & Gas
	APR 9 3 7012
	WV Department of Environmental Frotection
	Environmental Francius

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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## PERFORATION RECORD ATTACHMENT

Well Name and Number: James Ogden 1H ( 832409 )

PERFO	RATION R	N RECORD				STIMULATION RECORD				
	Interval F	erforated			Flu	Fluid		Propping Agent		
Date	From	To	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	Slk 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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