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

Farm name: James Ogden 1H		Oper	ator Well No.: <u> </u>	332409	RECEIVE
LOCATION: Elevation: 1950 GL District: 01 - Banks		Quad	rangle: <u>582 - Ro</u>	SEP 2 8 2011	
District: 01 - Banks		Coun	ity: 097 - Upshur	WV GEOLOGICAL SUR	
Latitude: 8523'	Feet South of 38	Deg. 50	Min. 00	Sec.	MORGANTOWN, WY
Longitude 6565'	Feet West of 80	Deg. 15	Min. 00	Sec.	

Company: Chesapeake Appalachia, LLC

my: Chesapeake Appalachia, LLC				
Address:	Casing &	Used in	Left in well	Cement fill
	Tubing	drilling		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'	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				
Total Vertical Depth (ft): 7223'				
Total Measured Depth (ft): 13,260'	·			
Fresh Water Depth (ft.): 100', 375'				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? None				
Coal Depths (ft.): 150'				
Void(s) encountered (N/Y) Depth(s)				

Producing formation Marcellus	Pay zon	e depth (ft) 7,592' - 13,114'
Gas: Initial open flow 1,927 M	CF/d Oil: Initial open flow	Bbl/d
Final open flowM	CF/d Final open flow _	Bbl/d
Time of open flow between in	nitial and final tests	Hours
Static rock Pressure 3,250 p	sig (surface pressure) after	Hours
Second producing formation	Day gang	donth (A)
Second producing formation		
Gas: Initial open flowM	.CF/d Oil: Initial open flow	Bbl/d
Final open flowM	CF/d Final open flow _	Bbl/d
Time of open flow between in	itial and final tests	Hours

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.

Malen Williams
Signature

1-210-2011 Date

Were core samples taken? YesNo_X Were cuttings caught during drilling? Yes X No
Were $\frac{N}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ or Geophysical logs recorded on this well?
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:
Formation tops from mud logs from 2409' to 6927'. GRMWD used to pick formation tops from 6927' to TD.
Formations Encountered: Top Depth / Bottom Depth Surface:
Mudlogger start depth: 2409'
Interbedded sand and siltstone 2409'/3800'
Interbedded sand, siltstone, shale 3800'/4400'
Interbedded siltstone with sand 4400'/5070'
SitItstone, thin-bedded shale and sand 5070'/6927'
Geneseo 6927'/6935'
Tully 6935'/6953'
Hamilton 6953'/7050'
Marcellus 7050'/TD

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PERFORATION RECORD ATTACHMENT

Well Name and Number: 832409 James Ogden 1H

PERFORATION RECORD			STIMULATION RECORD							
	Interval F	erval Perforated			Fluid		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	12394	12714	3/2/2011	12394	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
3/16/2011	8792	9114	3/16/2011	8792	9114	Slk Wtr	9613	Sand	266580	79
3/17/2011	8792	9114	3/17/2011	8792	9114	Slk Wtr	5116	Sand	225780	84
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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