

REVISED

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: 2-7-2012  
API #: 47-097-03686

Farm name: James Ogden Operator Well No.: 3H

LOCATION: Elevation: 1950' Quadrangle: 582 - Rock Cave

District: Banks County: Upshur  
Latitude: 10.114' Feet South of 38 Deg. 50 Min. 00 Sec.  
Longitude: 6.450' Feet West of 80 Deg. 15 Min. 00 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20'	40'	40'	7cf
Agent: Eric Gillespie	13 3/8"	578'	578'	718 cf
Inspector: Bill Hatfield	9 5/8"	2400'	2400'	1086 cf
Date Permit Issued: 10/30/2009	7"	7451'	7451'	542 cf
Date Well Work Commenced: 9/13/2010	4 1/2" linear	5486'-12,896'	5486'-12,896'	753 cf
Date Well Work Completed: 5/7/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7217'				
Total Measured Depth (ft): 12,896'				
Fresh Water Depth (ft.): 100', 475'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 150'				
Void(s) encountered (N/Y) Depth(s) N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,642'-12,754'

Gas: Initial open flow 1,630 MCF/d Oil: Initial open flow Bbl/d

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure 3,245 psig (surface pressure) after Hours

Second producing formation Pay zone depth (ft)

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

Final open flow MCF/d Final open flow Bbl/d

Time of open flow between initial and final tests Hours

Static rock Pressure psig (surface pressure) after 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.

Marlene Williams  
Signature

2-7-2012  
Date

05/25/2012

Were core samples taken? Yes \_\_\_\_\_ No

Were cuttings caught during drilling? Yes  No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Mechanical

**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 2400' to 6893'. GR MWD used to pick formation tops from 6893' to TD.

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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Sand and Shale Shallow fill 0/2400'

Siltstone, very minor sand and limestone 2400'/5200'

Sandstone, minor shale 5200'/5480'

Siltstone, thin-bedded shale and sand 5480'/6893'

Geneseo 6893'/6930'

Tully 6930'/6952'

Hamilton 6952'/7050'

Marcellus 7050'/TD

PERFORATION RECORD ATTACHMENT

Well Name and Number: 831599 James Ogden 3H

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated		Fluid		Propping Agent		Average Injection
	From	To		Type	Amount	Type	Amount			
3/1/2011	12512	12754	3/1/2011	12512	12754	Slk Wtr	11849	Sand	353180	72
3/2/2011	12194	12434	3/2/2011	12192	12434	Slk Wtr	13053	Sand	385000	65
3/3/2011	11872	12114	3/3/2011	11872	12114	Slk Wtr	9058	Sand	336440	72
3/3/2011	11552	11794	3/3/2011	11552	11794	Slk Wtr	8234	Sand	380120	71
3/4/2011	11232	11474	3/4/2011	11232	11474	Slk Wtr	9723	Sand	392040	67
3/4/2011	10914	11154	3/4/2011	10912	11154	Slk Wtr	9457	Sand	384180	67
3/5/2011	10595	10759	3/5/2011	10595	10759	Slk Wtr	7896	Sand	288080	65
3/6/2011	10202	10444	3/6/2011	10202	10444	Slk Wtr	8909	Sand	391820	70
3/6/2011	9882	10124	3/6/2011	9882	10124	Slk Wtr	10351	Sand	401250	70
3/6/2011	9562	9804	3/6/2011	9562	9804	Slk Wtr	8963	Sand	390260	69
3/6/2011	9242	9484	3/6/2011	9242	9484	Slk Wtr	8216	Sand	385180	69
3/7/2011	8922	9154	3/7/2011	8922	9154	Slk Wtr	8104	Sand	381840	69
3/8/2011	8682	8922	3/8/2011	8602	8857	Slk Wtr	8699	Sand	390360	69
3/8/2011	8282	8524	3/8/2011	8282	8524	Slk Wtr	8548	Sand	391420	72
3/8/2011	7962	8204	3/8/2011	7962	8204	Slk Wtr	8170	Sand	359300	72
3/8/2011	7642	7884	3/8/2011	7642	7884	Slk Wtr	8096	Sand	390320	72