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:	9-13-2012
API#:	47-069-00084

Parm name: Roy Riggle 8H	Operator Well No.: 833123				
OCATION: Elevation: 1,250'	Quadrangle: Bethany, WV				
District: Liberty	County: Ohio				
Latitude: 6,700' Feet South of 40 Deg.					
Longitude 5,540' Feet West of 80 Deg.	30 Min	Se	c.		
Company: Chesapeake Appalachia, L.L.C.					
Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.	
Oklahoma City, OK 73154-0496	20"	75'	75'	263 Cu. Ft.	
Agent: Eric Gillespie	13 3/8"	655'	655'	757 Cu. Ft.	
Inspector: Bill Hendershot	9 5/8"	2,190'	2,190'	976 Cu. Ft.	
Date Permit Issued: 5-20-2011	5 1/2"	11,472'	11,472'	2458 Cu. Ft.	
Date Well Work Commenced: 7-9-2011					
Date Well Work Completed: 5-23-2012					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 6,505'(cement plug@ 5770' - 6505')					
Total Measured Depth (ft): 11,527'					
Fresh Water Depth (ft.): 150'	:				
Salt Water Depth (ft.): 700'					
Is coal being mined in area (N/Y)? N					
Coal Depths (ft.): 628'					
Void(s) encountered (N/Y) Depth(s) N					
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay z Gas: Initial open flow MCF/d Oil: Initial open fl Final open flow 1,241* MCF/d Final open flow Time of open flow between initial and final tests 48 Static rock Pressure 4,210* psig (surface pressure) after the second producing formation Pay zon	zone depth (ft) 6 low Bl v 127 Bb Hours ter Hou	s,750'-11,331' bI/d bI/d *Calculat	red	heet)	
Gas: Initial open flowMCF/d Oil: Initial open flow	owBl	bl/d		SEP 14 2012	
Final open flow MCF/d Final open flow				EOLOGICAL SURV	
Time of open flow between initial and final tests	Hours		N	FORGANTOWN, WV	

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.

Mallare (Julians
Signature

9-13-9012 Date

Were core samples taken?	Yes	_ No_X	Wei	e cuttings caught d	uring drilling? Yes	No_X
Were Electrical, Mechanical open hole logs run from0' - 6,505' MD	l or Geophy ; LWD GR from	ysical logs record 15,640' - 11,416' MD.	ded on this well?	If yes, please list	GR, neutron, density, a	and resistivity
NOTE: IN THE AREA FRACTURING OR STIM DETAILED GEOLOGIC COAL ENCOUNTERED	IULATIN CAL REC	G, PHYSICAL ORD OF THE	CHANGE, ETC TOPS AND	C. 2). THE WELL BOTTOMS OF A	LOG WHICH IS A S LL FORMATIONS,	YSTEMATIC
Perforated Intervals, Fractur	ing, or Stir	nulating:				
(See Attached)						, , , ,
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Plug Back Details Including	Plug Type	and Depth(s):	Cement plug	@ 5770' - 650)5'	
Formations Encountered: Surface:			Top Depth	/	Bottom	<u>Depth</u>
(See Attached)						
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	 				SEP 14 20	

WV GEOLOGICAL SURVEY MORGANTOWN, WV

PERFORATION RECORD ATTACHMENT

Well Number and Name: 833123 Roy Riggle 8H

PERFO	RATION RE	CORD	STIMULATION F			ION RECOR	ECORD			
	Interval F	Perforated				F	luid	Propp	ing Agent	Average
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
5/5/2012	10,757	11,331	5/22/2012	10,757	11,331	Slk wtr	11,579	Sand	665,550	85
5/22/2012	10,089	10,663	5/22/2012	10,089	10,663	Slk wtr	12,124	Sand	665,240	83
5/22/2012	9,421	9,995	5/22/2012	9,421	9,995	Slk wtr	11,226	Sand	664,920	87
5/23/2012	8,754	9,323	5/23/2012	8,754	9,323	Slk wtr	10,830	Sand	664,980	86
5/23/2012	8,086	8,660	5/23/2012	8,086	8,660	Slk wtr	11,624	Sand	665,040	85
5/23/2012	7,418	7,992	5/23/2012	7,418	7,992	Slk wtr	10,643	Sand	665,540	85
5/23/2012	6,750	7,324	5/23/2012	6,750	7,324	Slk wtr	10,506	Sand	657,020	85
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VERTICAL PILOT HOLE

Formation/Lithology	Top Depth, TVD/MD (ft)	Bottom Depth, TVD/MD (ft)
LS/SH	0	628
PITTSBURG COAL	628	635
LS/SH/SS	635	1520
LS/SH	1520	1692
BIG INJUN (SS)	1692	1980
SHALE	1980	6240
GENESEO (SH)	6240	6264
TULLY (LS)	6264	6302
HAMILTON (SH)	6302	6414
MARCELLUS (SH)	6414	6486
ONONDAGA (LS)	6486	
TD OF PILOT HOLE		6505

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LATERAL SIDETRACK WELLBORE

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SH	0	0	628	628
PITTSBURG COAL	628	628	635	635
LS/SH/SS	635	635	1520	1520
LS/SH	1520	1520	1692	1692
BIG INJUN (SS)	1692	1692	1980	1980
SHALE	1980	1980	6270	6250
GENESEO (SH)	6270	6250	6293	6270
TULLY (LS)	6293	6270	6345	6312
HAMILTON (SH)	6345	6312	6539	6434
MARCELLUS (SH)	6539	6434		
TD OF LATERAL			11527	6478