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:	9-18-2012
API#:	47-051-01493

Farm name: Robert Young MSH 8H	Operator Well No.: 833798					
LOCATION: Elevation: 1,240'	_ Quadrangle:	Quadrangle: 486-Moundsville				
District: Webster	County: Mars	shall				
Latitude: 2360 Feet South of 39 Deg.	Mir					
Longitude 10130 Feet West of 80 Deg	. 37 Mir	n. 30 Sec	.			
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"	100'	100'	314 Cu. Ft.		
Agent: Eric Gillespie	13 3/8"	864'	864'	982 Cu. Ft.		
Inspector: Bill Hendershot	9 5/8"	2520'	2520'	1111 Cu. Ft.		
Date Permit Issued: 10-24-2011	5 1/2"	12841	12841'	3143 Cu. Ft.		
Date Well Work Commenced: 4-7-2012						
Date Well Work Completed: 6-18-2012						
Verbal Plugging:						
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 6702' (cement plug @ 5656'-6706')					
Total Measured Depth (ft): 12841'						
Fresh Water Depth (ft.): 310'						
Salt Water Depth (ft.): N/A						
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): 710						
Void(s) encountered (N/Y) Depth(s) N						
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow	zone depth (ft) flow B		ata on separate si	heet)		
Time of open flow between initial and final tests 57			Jan Van D			
Static rock Pressure 4,272 psig (surface pressure) after Hours						
Second producing formationPay zone depth (ft)			\$7.7.5			
Gas: Initial open flowMCF/d Oil: Initial open flowBbl/d Final open flowMCF/d Final open flowBbl/d				DG(CALSUAVEY ANTO-WE WY		
Time of open flow between initial and final tests						
Static rock Pressurepsig (surface pressure) at	fterHou	rs				

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.

Marlone Williams
Signature

9-18-3012 Date

Were core samples taken? Yes No	Wer	e cuttings caught duri	ng drilling?Yes	No_ X
Were Electrical, Mechanical or Geophysical logs rec	orded on this well?	If ves. please list GR	, neutron, density,	and resistivity
open hole logs run from 0' - 6,720' MD; sonic log from 5,540' - 6,721' MI	O and OBMI logs from 5,602	2' - 6,715' MD; LWD GR from 5	,712' - 12,779' MD.	
NOTE: IN THE AREA BELOW PUT THE FRACTURING OR STIMULATING, PHYSICA DETAILED GEOLOGICAL RECORD OF THE COAL ENCOUNTERED BY THE WELLBORE	L CHANGE, ETC HE TOPS AND E	C. 2). THE WELL LO BOTTOMS OF ALI	OG WHICH IS A S L FORMATIONS,	YSTEMATIC
Perforated Intervals, Fracturing, or Stimulating:				
(See Attached)				
				· · · · · · · · · · · · · · · · · · ·
Plug Back Details Including Plug Type and Depth(s):	Coment plus	<u> </u>		
2	Cement plug	<u>@ 5656 - 6706</u>		
Formations Encountered: Surface:	Top Depth		Bottom	<u>Depth</u>
(See Attached)				
(OGE Attached)				
			SEP 197	fam (ma)
			SEP 19 77	<u> </u>

WV GEOLUGICAL SURVION. MORGARTOWN, WY

PERFORATION RECORD ATTACHMENT

Well Number and Name: 833798 Robert Young MSH 8H

PERFORATION RECORD		STIMULATION RECORD							******	
	Interval F	Perforated		Fluid Propping Agent		Fluid		ing Agent	Average	
Date	From	То	Date	Interval	Treated	Type	Amount	Туре	Amount	Injection
5/25/2012	12,129	12,702	6/12/2012	12,129	12,702	Slk wtr	13,933	Sand	694,700	79.9
6/12/2012	11,463	12,035	6/13/2012	11,463	12,035	Slk wtr	13,768	Sand	688,760	79.8
6/13/2012	10,797	11,369	6/14/2012	10,797	11,369	Slk wtr	13,485	Sand	693,260	79.7
6/14/2012	10,131	10,703	6/15/2012	10,131	10,703	Slk wtr	13,568	Sand	688,720	79.8
6/15/2012	9,464	10,037	6/15/2012	9,464	10,037	Slk wtr	13,386	Sand	690,360	79.9
6/15/2012	8,798	9,371	6/16/2012	8,798	9,371	Slk wtr	13,306	Sand	685,100	80
6/16/2012	8,132	8,705	6/17/2012	8,132	8,705	Slk wtr	13,310	Sand	688,080	78.4
6/17/2012	7,466	8,039	6/17/2012	7,466	8,039	Slk wtr	13,336	Sand	681,900	78.7
6/17/2012	6,800	7,372	6/18/2012	6,800	7,372	Slk wtr	13,740	Sand	679,820	78.8
								<u></u>		
L										

RECEIVED

SEP 19 2012

WY GEGLOGICAL SURVEY
MORSANTOWN, WY

VERTICAL PILOT HOLE

Formation/Lithology	Top Depth, TVD/MD (ft)	Bottom Depth, TVD/MD (ft)
SS/SILTSTONE	0	710
PITTSBURG COAL	710	720
SS	720	790
SH/SILTSONE	790	1410
SS	1410	1530
SH/SILTSONE	1530	2040
BIG INJUN (SS)	2040	2350
SH/SILSTONE	2350	3810
SHALE	3810	6474
GENESEO (SH)	6474	6497
TULLY (LS)	6497	6528
HAMILTON (SH)	6528	6627
MARCELLUS (SH)	6627	6682
ONONDAGA (LS)	6682	
TD OF PILOT HOLE		6702

LATERAL SIDETRACK WELLBORE

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/SILTSTONE	0	0	710	710
PITTSBURG COAL	710	710	720	720
SS	720	720	790	790
SH/SILTSTONE	790	790	1410	1410
SS	1410	1410	1530	1530
SH/SILTSTONE	. 1530	1530	2040	2040
BIG ÍNJUN (SS)	2040	2040	2350	2350
SH/SILSTONE	2350	2350	3810	3810
SHALE	3810	3810	6485	6332
GENESEO (SH)	6485	6332	6505	6348
TULLY (LS)	6505	6348	6547	6381
HAMILTON (SH)	6547	6381	6699	6467
MARCELLUS (SH)	6699	6467		
TD OF LATERAL			12841	6574

RECEVED

SEP 19 2012

WV GEOLOGICAL SURVEY MOREANTOWN, WV