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:	9-4-2012
API#:	47-095-02031

		1	1					
Farm name: Kirk Hadley 8H			Operator Well No.: 833452					
LOCATION: Elevation: 920'		Quadrangle: Middlebourne						
District: Meade			County:	Tyler				
Latitude: 4420'	Feet South of 39	Deg.		Min.		Sec.		
Longitude 13419	Feet West of 80	Deg.	55	_Min.	00	Sec.		
Company: Chesapeak	e Appalachia, L.L.C.							
	0406		Casing &	&	Used in		Left in well	Cem

Company:				
Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Oklahoma City, OK 73154-0496	20"	108'	108'	100 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	480'	480'	527 Cu. Ft.
Inspector: Joe Taylor	9 5/8"	2534'	2534'	1166 Cu. Ft.
Date Permit Issued: 5-20-2011	5 1/2"	11975'	11975'	2356 Cu. Ft.
Date Well Work Commenced: 11-20-2011				
Date Well Work Completed: 4-5-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 6282' (cement plug @ 5400' - 6282')				
Total Measured Depth (ft): 11975'				
Fresh Water Depth (ft.): 357'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) N				

Void(3) elicodificied (14/1)) Depth(3)	<u> </u>		I	
OPEN FLOW DATA (If more the Producing formation Marcellum	<u> </u>	ns please includ one depth (ft) ^{6,4}		ta on separate s	heet)
Gas: Initial open flow					
Final open flow 6,080*	MCF/d Final open flow	213 Bbl	′d		
Time of open flow betwee	n initial and final tests 77	Hours	*Calculated		
Static rock Pressure 4,033*	_psig (surface pressure) aft	erHours	1		
Second producing formation_	Pay zor	e depth (ft)			
Gas: Initial open flow	_MCF/d Oil: Initial open fl	owBbl	/d		
Final open flow	MCF/d Final open flow	Bbl/	'd		
Time of open flow betwee	n initial and final tests	Hours			
Static rock Pressure	_psig (surface pressure) aft	erHours			

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.

May leve Welliams 9-430.
Signature Date

Were core samples taken? Yes X No	Were cuttings caught during drilling? Yes X No
Were Electrical, Mechanical or Geophysical logs recorded on this Resistivity, Nuclear, Spectral GR, Sonic, and Borehole Image on the pilot hole. LWD GR	well? If yes, please listn the lateral.
NOTE: IN THE AREA BELOW PUT THE FOLLOW FRACTURING OR STIMULATING, PHYSICAL CHANGED DETAILED GEOLOGICAL RECORD OF THE TOPS A COAL ENCOUNTERED BY THE WELLBORE FROM SUIT	E, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC AND BOTTOMS OF ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturing, or Stimulating:	
(See Attached)	
Plug Back Details Including Plug Type and Depth(s): Cement	plug @ 5400' - 6282'
<u> </u>	
Formations Encountered: Top Dept Surface:	th / Bottom Depth
(See Attached)	
	· · · · · · · · · · · · · · · · · · ·

PERFORATION RECORD ATTACHMENT

Well Number and Name: 833452 Kirk Hadley 8H

PERFO	PERFORATION RECORD		STIMULATION RECORD							
	Interval P	erforated	·			Fluid		Propping Agent		Average
Date	From	То	Date	Interval	Treated	Type	Amount	Туре	Amount	Injection
3/6/2012	11,469	11,832	4/1/2012	11,469	11,832	Slk wtr	9,421	Sand	490,120	77
4/2/2012	10,919	11,365	4/3/2012	10,919	11,365	Slk wtr	10,662	Sand	490,300	78
4/3/2012	10,419	10,851	4/3/2012	10,419	10,851	Slk wtr	9,632	Sand	492,720	77
4/3/2012	9,929	10,356	4/3/2012	9,929	10,356	Slk wtr	10,055	Sand	498,940	78
4/3/2012	9,434	9,861	4/4/2012	9,434	9,861	Slk wtr	9,564	Sand	492,860	78
4/4/2012	8,939	9,366	4/4/2012	8,939	9,366	Slk wtr	9,635	Sand	494,100	77
4/4/2012	8,451	8,871	4/4/2012	8,451	8,871	Slk wtr	9,588	Sand	495,340	77
4/4/2012	7,950	8,376	4/4/2012	7,950	8,376	Slk wtr	9,482	Sand	495,160	78
4/4/2012	7,455	7,881	4/5/2012	7,455	7,881	Slk wtr	9,372	Sand	488,420	78
4/5/2012	6,960	7,386	4/5/2012	6,960	7,386	Slk wtr	9,367	Sand	497,760	78
4/5/2012	6,465	6,891	4/5/2012	6,465	6,891	Slk wtr	9,477	Sand	487,200	78
ļ										
 										
			-							

VERTICAL PILOT HOLE

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SLTSTN/SHALE	0		158	
SS/SHALE	158		204	
SLTSTN/SHALE	204		548	
SHALE	548		658	
SS/SHALE	658		702	
SS	702		758	
SS/SHALE	758		850	
SHALE/SLTSTN	850		898	
SS/SHALE	898		1094	
SS	1094		1200	
SS/SHALE	1200	•	1588	
SLTSTN/SHALE	1588		1646	
SHALE	1646		1700	
SLTSTN/SHALE	1700		1744	
LS	1744		1820	
SS	1820		1892	
SS/SHALE	1892		1990	
SHALE/SLTSTN	1990		4964	
SHALE	4964		5985	
MIDDLESEX	5985		6118	
GENESEO	6118		6140	
TULLY	6140		6153	
MARCELLUS	6153		6210	
ONONDAGA	6210		6282	
TD PILOT HOLE	6282			
PLUG BACK	5400			

LATERAL WELLBORE

Maximum TVD of wellbore: 6221 ft TVD @ 11975 ft MD

Formation/Lithology	Top Depth,	Top Depth, TVD	Bottom Depth,	Bottom Depth,
	MD (ft)	(ft)	MD (ft)	TVD (ft)
SHALE	5400	5399	6180	6092

MIDDLESEX	6180	6092	6222	6115
GENESEO	6222	6115	6279	6140
TULLY	6277	6139	6313	6153
MARCELLUS	6313	6153		0
TD	11975	6221		0
		0	i de la companya de	0