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:	8-7-2012	~ WP
API#:	47-069-00079	D,

Farm name: Charles Frye 3H	_ Operator We	ll No.: 833118			
LOCATION: Elevation: 1260'	Quadrangle: Valley Grove, WV County: Ohio				
District: Triadelphia					
	g. <u>05</u> Mir	ı. <u>00</u> Se			
Longitude 11010' Feet West of 80 Dep	g. <u>32</u> Mir	ı. <u>30</u> 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"	90'	90'	Driven	
Agent: Eric Gillespie	13 3/8"	682'	682'	558 Cu. Ft.	
Inspector: Bill Hendershot	9 5/8"	2202'	2202'	948 Cu. Ft.	
Date Permit Issued: 4-8-2011	5 1/2"	12610'	12610'	3147 Cu. Ft.	
Date Well Work Commenced: 6-18-2011					
Date Well Work Completed: 3-8-2012					
Verbal Plugging:					
Date Permission granted on:					
Rotary Cable Rig					
Total Vertical Depth (ft): 6466'					
Total Measured Depth (ft): 12618'					
Fresh Water Depth (ft.): 30'					
Salt Water Depth (ft.): 1135'					
Is coal being mined in area (N/Y)? N					
Coal Depths (ft.): 622'					
Void(s) encountered (N/Y) Depth(s) Y 622'					
Gas: Initial open flow MCF/d Oil: Initial open	zone depth (ft) flowB	6,700' - 12,481' bl/d	ata on separate s	heet)	
Final open flow 2,316* MCF/d Final open flow Time of open flow between initial and final tests 62		ol/d s *Calculated			
Static rock Pressure 4,169* psig (surface pressure) a					
Second producing formation Pay z	one depth (ft)			e de la companya de La companya de la co	
Gas: Initial open flowMCF/d Oil: Initial open	• • • • • • • • • • • • • • • • • • • •	bl/d		•	
Final open flowMCF/d Final open flo		ol/d		•	
Time of open flow between initial and final tests				en og en skalender.	
Static rock Pressure psig (surface pressure) a	after Hou	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.

Marlino	a beciams					
Signature						

Were core samples taken? YesN	lo	nt during drilling? Yes No
Were Electrical, Mechanical or Geophysic	cal logs recorded on this well? If yes, please li	st
FRACTURING OR STIMULATING, DETAILED GEOLOGICAL RECOR	PUT THE FOLLOWING: 1). DETAILS PHYSICAL CHANGE, ETC. 2). THE WE RD OF THE TOPS AND BOTTOMS OF ELLBORE FROM SURFACE TO TOTAL	LL LOG WHICH IS A SYSTEMATIC F ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturing, or Stimul	ating:	
(See Attached)		
Plug Back Details Including Plug Type an	ad Depth(s):	
Formations Encountered: Surface:	Top Depth /	Bottom Depth
(See Attached)		
.		

PERFORATION RECORD ATTACHMENT

Well Number and Name: 833118 Charles Frye3H

PERFORATION RECORD		STIMULATION RECORD								
	Interval P	erforated		Fluid		Propping Agent		Average		
Date	From	То	Date	Interval	Treated	Type	Amount	Туре	Amount	Injection
12/9/2011	12,123	12,481	2/19/2012	12,123	12,481	Sik wtr	10,860	Sand	572,080	70
2/19/2012	11,671	12,029	2/20/2012	11,671	12,029	Slk wtr	10,506	Sand	571,900	77
2/20/2012	11,219	11,577	2/21/2012	11,219	11,577	Sik wtr	10,732	Sand	570,740	84
2/21/2012	10,767	11,125	2/22/2012	10,767	11,125	Slk wtr	13,584	Sand	570,240	76
2/22/2012	10,315	10,673	2/23/2012	10,315	10,673	Slk wtr	11,114	Sand	572,480	79
2/23/2012	9,863	10,222	2/25/2012	9,863	10,222	Slk wtr	11,289	Sand	572,220	76
2/25/2012	9,409	9,770	2/27/2012	9,409	9,770	Slk wtr	10,536	Sand	571,020	80
2/27/2012	8,960	9,319	3/3/2012	8,960	9,319	Sik wtr	15,436	Sand	569,960	80
3/3/2012	8,508	8,869	3/4/2012	8,508	8,869	Slk wtr	10,350	Sand	377,260	83.3
3/4/2012	8,056	8,415	3/5/2012	8,056	8,415	Sik wtr	10,814	Sand	571,660	79
3/5/2012	7,604	7,963	3/6/2012	7,604	7,963	Slk wtr	10,507	Sand	570,420	79
3/6/2012	7,152	7,511	3/7/2012	7,152	7,511	Slk wtr	10,647	Sand	571,260	83
3/7/2012	6,700	7,060	3/8/2012	6,700	7,060	Sik wtr	10,832	Sand	573,500	85
	,									
							<u></u>			

LATERAL WELLBORE

Maximum TVD of wellbore: 6466 ft TVD @ 7905 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SHALE	0	0	190	190
SHALE/LS	190	190	220	220
LS/SHALE	220	220	300	300
SHALE/LS	300	300	350	350
SHALE/COAL	350	350	380	380
LS/SHALE	380	380	530	530
SHALE/SS	530	530	560	560
LS/SS	560	560	620	620
ABANDONED MINE SHAFT	620	620	636	63 6
NO SAMPLES	636	636	683	683
SHALE	683	683	950	950
SHALE/SS	950	950	1050	1050
SHALE	1050	1050	1100	1100
SHALE/SS	1100	1100	1200	1200
SS/SHALE	1200	1200	1250	1250
SS	1250	1250	1300	1300
SHALE/SS	1300	1300	1350	1350
SS/SHALE	1350	1350	1400	1400
SHALE/SS	1400	1400	1430	1430
SS/SHALE	1430	1430	1600	1600
SHALE/SS	1600	1600	1620	1620
SS/SHALE	1620	1620	1650	1650
SS/LS	1650	1650	1750	1750
SS/SHALE	1750	1750	1810	1810
BIG INJUN	1810	1810	2020	2020
SHALE	2020	2020	2350	2350
SHALE/SS	2350	2350	2400	2400
SHALE	2400	2400	3250	3250
SHALE/SS	3250	3250	3300	3300
SHALE	3300	3300	4270	4270
SHALE/SS	4270	4270	4300	4300
SHALE	4300	4300	5990	5989
SHALE/LS	5990	5989	6080	6076
SHALE	6080	6076	6240	6222
SHALE/LS	6240	6222	6354	6316
TULLY	6354	6316	6390	6343
HAMILTON	6390	6343	6641	6454
MARCELLUS	6641	6454	12618	6413