WR-35 Rev (8-10)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE:	8-4-2011
API#:	47-103-02460

Farm name: Hohman HBP S 5H	Operator Well No.: 627378 Quadrangle: 681 - Wileyville					
LOCATION: Elevation: 1494'						
District: 7 - Proctor						
Latitude: 11,310' Feet South of 39 Deg.						
Longitude 10,010' Feet West of 80 Deg.	40 Min	. <u>00</u> Sec	. .			
Company: Chesapeake Appalachia, LLC						
A.1.1	Casing &	Used in	Left in well	Cement fill		
Address:	Tubing	drilling		up Cu. Ft.		
P.O. Box 18496, Oklahoma City, OK 73154	20"	52'	52'	driven		
Agent: Eric Gillespie	13 3/8"	1432'	1432'	1554 cf		
Inspector: Dave Scranage	9 5/8"	2804'	2804'	1146 cf		
Date Permit Issued: 6/9/2009	5 1/2"	13,046'	13,046'	3138 cf		
Date Well Work Commenced: 10/6/2010						
Date Well Work Completed: 11/24/2010						
Verbal Plugging:						
Date Permission granted on:						
Rotary X Cable Rig						
Total Vertical Depth (ft): 7,074'						
Total Measured Depth (ft): 13,046'						
Fresh Water Depth (ft.): 438'						
Salt Water Depth (ft.): None						
Is coal being mined in area (N/Y)? No				· ·		
Coal Depths (ft.): 230', 1280'						
Void(s) encountered (N/Y) Depth(s)			<u> </u>			
OPEN FLOW DATA (If more than two producing formation			ta on separate sh	eet)		
	one depth (ft) 8,		5.3			
Gas: Initial open flow 3,306 MCF/d Oil: Initial open flow			Office of On A Gas			
Final open flow MCF/d Final open flow Time of open flow between initial and final tests		/d				
Static rock Pressure 4,598 psig (surface pressure) aft		S	-	DEC 0 5 2011		
		,	£-)		
Second producing formation Pay zon			WV	Deparment of		
Gas: Initial open flow MCF/d Oil: Initial open flo			WV Department of Environmental Protection			
Final open flow MCF/d Final open flow Time of open flow between initial and final tests		/d	thatet a Was April 2	STATES TO STATES		
Static rock Pressurepsig (surface pressure) aft		,				
poig (surface pressure) are	Ci110uis	•				
I certify under penalty of law that I have personally examined as	nd am familiar v	with the informa	ation submitted o	on this document and all		
the attachments and that, based on my inquiry of those individual	als immediately	responsible for	obtaining the in	formation I believe that		
the information is true, accurate, and complete.						
Max love 11/100.	ama.	11-4	72-2011			
Signature			Date			

Were core samples taken? YesNo_X	Were cuttings caught during drilling? Yes X NoNo
Were $\frac{Y}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{N}{Y/N}$ or Geoph	ysical logs recorded on this well?
FRACTURING OR STIMULATING, PHYSICAL CHA	LOWING: 1). DETAILS OF PERFORATED INTERVALS, ANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ACE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
(see attached)	
Formations Encountered: Top Surface:	Depth / Bottom Depth
SS/SHALE 0-592, SHALE/SS 592-650,SS/SHAI	LE 650-680, SHALE/SS 680-800, SS/SHALE 800-880,
	70-1010, SHALE/SS 1010-1040, SHALE/CHERT 1040-1080,
SHALE/COAL 1080-1110, SHALE/SS 1110-1130,	SHALE/LS 1190-1261, PITTSBURGH COAL 1261-1300,
SHALE/LS 1300-1310, SS/SHALE 1310-1340, S	HALE/SS, 1340-1440, SHALE 1440-1550, SHALE/SS
1550-1580, SHALE 1580-1790, SHALE/SS 179	0-1822, SS/SHALE 1822-1972, SS 1972-2023, SALT
SANDS 2023-2230, MAXTON 2230-2385, BIG LIM	ME 2385-2445, BIG INJUN 2445-2660, SHALE/SS 2660-
2690, SHALE 2690-2980, SHALE/SS 2980-3012	, SHALE 3012-3310, SHALE/LS 3310-3320, GORDON
3320-3370, SHALE 3370-4440, SHALE/LS 4440-4	608, SHALE 4608-4690, SHALE/LS 4690-5180, SHALE
5180-5780, SHALE/LS 5780-5900, SHALE 5900-5	930, SHALE/LS 5930-6400, SHALE 6400-7060, SHALE/
LS 7060-7180, SHALE 7180-7320, SHALE/LS 73	320-7360, SHALE 7360-7396, GENESEO 7396-7434,
TULLY 7434-7566, HAMILTON 7566-7884, MAR	CELLUS 7884-13046

PERFORATION RECORD ATTACHMENT

Well Name (Number): Hohman HBP S 5H (627378)

PERFORATION RECORD			STIMULATION RECORD							
	Interval Po	erforated					luid		ing Agent	Average
Date	From	To	Date	Interval	Treated	Туре	Amount	Type	Amount	Injection
3/29/2011	12,478	12,720	3/29/2011	12,478	12,720	Slk Wtr	8,621	Sand	399,627	79.4
3/29/2011	12,186	12,426	3/29/2011	12,186	12,426	Slk Wtr	9,007	Sand	386,496	81.0
3/30/2011	11,870	12,110	3/30/2011	11,870	12,110	Slk Wtr	12,290	Sand	391,449	85.0
3/30/2011	11,546	11,788	3/30/2011	11,546	11,788	Sik Wtr	9,182	Sand	384,056	87.0
3/30/2011	11,226	11,468	3/30/2011	11,226	11,468	Slk Wtr	9,448	Sand	378,253	84.0
3/31/2011	10,906	11,168	3/31/2011	10,906	11,168	Slk Wtr	9,615	Sand	388,363	88.0
3/31/2011	10,588	10,830	3/31/2011	10,588	10,830	Slk Wtr	8,975	Sand	383,363	83.0
4/1/2011	10,257	10,483	4/1/2011	10,257	10,483	Slk Wtr	9,000	Sand	381,497	91.0
4/1/2011	9,948	10,190	4/1/2011	9,948	10,190	Slk Wtr	10,032	Sand	372,939	86.0
4/2/2011	9,628	9,870	4/2/2011	9,628	9,870	Slk Wtr	9,582	Sand	381,055	85.0
4/2/2011	9,308	9,550	4/2/2011	9,308	9,550	Slk Wtr	9,435	Sand	385,160	90.0
4/3/2011	8,988	9,230	4/3/2011	8,988	9,230	Slk Wtr	8,978	Sand	381,151	94.0
4/3/2011	8,668	8,910	4/3/2011	8,668	8,910	Slk Wtr	8,258	Sand	384,057	93.0
4/4/2011	8,348	8,590	4/4/2011	8,348	8,590	Sik Wtr	9,066	Sand	384,232	93.0
4/4/2011	8,028	8,270	4/4/2011	8,028	8,270	Slk Wtr	9,417	Sand	282,185	93.0