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:	1-18-2012	
API#:	47-103-02528	

Farm name: SABER, JOSEPH 627262	Operator Wel	II No.: 6H	46.			
LOCATION: Elevation: 1,320'	_ Quadrangle: _	WILEYVILLE	and the second	<u>RECEIVED</u>		
District: PROCTOR	County: WET			JAN 1 9 2012		
Latitude: 5.325 Feet South of 39 Deg. Longitude 1.270 Feet West of 80 Deg	42 Min . 40 Min		<b>).</b>			
Dongitude ————————————————————————————————————		i. <u>**</u> 560		EOLOGICAL SURVE IORGANTOWN, WV		
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'	20'	52'	Driven		
Agent: Eric Gillespie	13 3/8"	1,250'	1,250'	1,322 cf		
Inspector: DAVID SCRANAGE	9 5/8"	2,660'	2,660'	1,142 cf		
Date Permit Issued: 10/6/2009	5 1/2"	12,370'	12, 370'	1,815 cf		
Date Well Work Commenced: 4/29/2010						
Date Well Work Completed: 1/5/2011						
Verbal Plugging:						
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 7,093'						
Total Measured Depth (ft): 12,370'						
Fresh Water Depth (ft.): 330'						
Salt Water Depth (ft.): NONE						
Is coal being mined in area (N/Y)? NO						
Coal Depths (ft.): 900'-907', 1176'						
Void(s) encountered (N/Y) Depth(s) N						
Gas: Initial open flow 3,857 MCF/d Oil: Initial open f	zone depth (ft) <sup>7</sup> lowBl wBbHours	/,802-12,124'_ bl/d .l/d	ata on separate sl	neet)		
Second producing formation Pay zo Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests Static rock Pressure psig (surface pressure) and	lowBb wBb Hours	1/d				
I certify under penalty of law that I have personally examined all the attachments and that, based on my inquiry of those indit that the information is true, accurate, and complete.	viduals immedia					
Signature			Date "			

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Were core samples t	aken? YesNo_X	Were	WV GEOLUGIA MOPOARTA cuttings caught during drill	Own SURVEY Own Wy ling? Yes X	No
Were Electrical, Me	chanical or Geophysical logs reco	orded on this well? If	f yes, please list No		
Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list NO  NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATION DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.  Perforated Intervals, Fracturing, or Stimulating:  (See Attached)  Plug Back Details Including Plug Type and Depth(s):  Formations Encountered: Top Depth / Bottom Depth Surface:  SHALE 0-907'  COAL 907'-909'  SHALE/LS 909'-1100'  SHALE/LS 909'-1100'  SHALE/LS 909'-1100'  SHALE/SILT 1190'-1898'  SALT SANDS 1898'-1935'  SILT 1935'-2057'  MAXTON 2057'-2077'  SHALE/SILT 2077'-2241'		STEMATIC			
Were core samples taken? Yes No X Were cuttings caught during drilling? Yes No No Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIDETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.  Perforated Intervals, Fracturing, or Stimulating:  (See Attached)  Plug Back Details Including Plug Type and Depth(s):  Formations Encountered: Top Depth / Bottom Depth Surface;  SHALE 0-907'  COAL 907'-909'  SHALE/LS 909'-1100'  SAND 1100'-1176'  PITTSBURGH COAL 1176'-1190'  SHALE/SILT 1190'-1898'  SALT SANDS 1898'-1935'  SILT 1935'-2057'  MAXTON 2057'-2077'  SHALE/SILT 2077'-2241'  BIG LIME 2241'-2293'  BIG INJUN 2293'-2547'					
(See Attached)					
•.					
Plug Back Details In	cluding Plug Type and Depth(s):				
	tered:	Top Depth	/	Bottom De	epth
SHALE	0-907'				
COAL	907'-909'				
SHALE/LS	909'-1100'				
SAND	1100'-1176'				
PITTSBURGH CO	OAL 1176'-1190'				
SHALE/SILT	1190'-1898'				
SALT SANDS	1898'-1935'				
SILT	1935'-2057'				
MAXTON	2057'-2077'				
SHALE/SILT	2077'-2241'				
BIG LIME	2241'-2293'				
BIG INJUN	2293'-2547'				
SHALE/SILT	2547'-7069'				
TULLY	7069'-7259'				
MARCELLUS	7259'-12370'		·		



JAN 1 9 2012

## PERFORATION RECORD ATTACHMENT

WV GEOLOGICAL SURVEY MORCANTOWN 1979

Well Name (Number):

Saber 6H (627262)

PERFOR	RATION REC	ORD		<del></del>		STIMULAT	ION RECOR	D		
	Interval P	erforated			Fi	luid	Propp	ing Agent	Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
10/31/2010	11,802	12,124	10/31/2010	11,802	12,124	Slk Wtr	9,230	Sand	242,720	81.0
11/5/2010	11,402	11,724	11/5/2010	11,402	11,724	Slk Wtr	14,228	Sand	461,400	80.0
11/6/2010	11,002	11,324	11/6/2010	11,002	11,324	Slk Wtr	12,963	Sand	484,207	87.0
11/7/2010	10,602	10,924	11/7/2010	10,602	10,924	Slk Wtr	10,514	Sand	481,888	83.0
11/16/2010	10,190	10,524	11/16/2010	10,190	10,524	Slk Wtr	19,032	Sand	483,238	84.0
12/1/2010	9,802	10,124	12/1/2010	9,802	10,124	Slk Wtr	11,991	Sand	484,284	79.0
12/9/2010	9,402	9,722	12/9/2010	9,402	9,722	Slk Wtr	12,521	Sand	490,000	82.0
12/13/2010	9,002	9,330	12/13/2010	9,002	9,330	Slk Wtr	10,493	Sand	456,357	84.0
12/29/2010	8,602	8,924	12/29/2010	8,602	8,924	Slk Wtr	12,098	Sand	491,137	77.0
12/30/2010	8,182	8,524	12/30/2010	8,182	8,524	Slk Wtr	15,592	Sand	490,948	70.0
1/5/2011	7,802	8,124	1/5/2011	7,802	8,124	Slk Wtr	12,712	Sand	482,544	84.0