

RECEIVED

WR-35
Rev (8-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

DATE: 8/4/2011
API #: 47-103-02485

DEC 5 2011

WV GEOLOGICAL SURVEY Well Operator's Report of Well Work
MORGANTHAU, WV

Farm name: Saber 3H Operator Well No.: 627260

LOCATION: Elevation: 1320 GL Quadrangle: Wileyville

District: Proctor County: Wetzel
Latitude: 5270' Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 1285' Feet West of 80 Deg. 40 Min. 00 Sec.

Company: Chesapeake Appalachia, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496, Oklahoma City, OK 73154	20"	58'	58'	driven
Agent: <u>Eric Gillespie</u>	13 3/8"	1,322'	1,322'	542 cf
Inspector: <u>David Scranage</u>	9 5/8"	2,652'	2,652'	321 cf
Date Permit Issued: <u>8/3/2009</u>	5 1/2"	12,265'	12,265'	1771 cf
Date Well Work Commenced: <u>12/14/2009</u>				
Date Well Work Completed: <u>7/3/2010</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Vertical Depth (ft): <u>7,062'</u>				
Total Measured Depth (ft): <u>12,266'</u>				
Fresh Water Depth (ft.): <u>330'</u>				
Salt Water Depth (ft.): <u>None</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>900'-907', 1176'</u>				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,396'-12,118'
Gas: Initial open flow 4360 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 4590 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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.

Marlene Williams
Signature

11-22-2011
Date

RECEIVED

DEC 5 2011

Were core samples taken? Yes _____ No **WV GEOLOGICAL SURVEY**
MORGANTHAU, WV Were cuttings caught during drilling? Yes No _____

Were Electrical, Mechanical, or Geophysical logs recorded on this well?
Y/N Y/N Y/N

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 SYSTEMATIC 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)

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface: _____

SHALE 0-920, SHALE/SS 920-950, SHALE 950-1040, SHALE/LS 1040-1100, SS/SHALE 1100-1108,
 PITTSBURGH COAL 1108-1130, SHALE/SILT 1130-1190, SHALE/LS 1290-1220, LS/SHALE 1220-1252,
 SHALE/LS 1252-1490, SS/SHALE 1490-1520, SHALE/SS 1520-1550, SS/SHALE 1550-1640, SS/LS
 1640-1700, SS/SHALE 1700-1730, COAL/SHALE 1730-1760, SHALE/COAL 1760-1820, SHALE 1820-
 1850, SS/SHALE 1850-1880, SHALE/SS 1880-1898, SALT SANDS 1898-2057, MAXTON 2057-2241,
 BIG LIME 2241-2293, BIG INJUN 2293-2547, SHALE 2547-2560, SHALE/SILT 2560-2610, SILT/SHALE
 2610-2750, SHALE/SILT 2750-2780, SHALE 2780-2840, SILT/SHALE 2840-2900, SHALE/SILT 2900-3020,
 SHALE 3020-3088, GORDON 3088-3230, SHALE 3230-3320, SHALE/SILT 3320-3350, SHALE 3350-3380,
 SHALE/SILT 3380-3410, SHALE 3410-3470, SHALE/SILT 3470-3600, SHALE 3600-3660, SHALE/SILT
 3660-3690, SHALE/SS 3690-3750, SHALE 3750-3810, SHALE/SILT 3810-3870, SHALE 3870-3900, SHALE/SILT
 3900-4230, SILT/SHALE 4230-4320, SHALE/SILT 4320-4380, SHALE 4380-4650, SHALE/SILT 4650-4680,
 SHALE 4680-4720, SHALE/SILT 4720-4860, SHALE 4860-5370, SHALE/SILT 5370-5400, SHALE 5400-6458,
 SHALE 6458-6492, SHALE/LS 6492-6510, SHALE 6510-6762, SHALE/LS 6762-7010, TULLY 7010-7240,
 HAMILTON 7240-7322, MARCELLUS 7322-12266

