

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

DATE: 8/17/12
API #: 47-049-02164

Farm name: XTO Energy, Inc. Operator Well No.: Tetrick Unit A 1H

LOCATION: Elevation: 971' Quadrangle: Shinnston 7.5'

District: Lincoln County: Marion
Latitude: 2,520' Feet South of 39 Deg. 27' Min. 30" Sec.
Longitude 9,280' Feet West of 80 Deg. 17' Min. 30" Sec.

Company: XTO Energy Inc.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
PO Box 1008				
Jane Lew, WV 26378	20"	40'	40'	CTS
Agent: Gary Beall	13 3/8"	618'	618'	531 sks
Inspector: Sam Ward	9 5/8"	3033'	3033'	801 sks
Date Permit Issued: 5/18/2011	5 1/2"	11638'	11638'	1827 sks
Date Well Work Commenced: 5/21/2011				
Date Well Work Completed: 9/7/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,145'				
Total Measured Depth (ft): 11,638'				
Fresh Water Depth (ft.): 60'				
Salt Water Depth (ft.): None Noted				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): None Noted				
Void(s) encountered (N/Y) Depth(s) No				

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

Producing formation Marcellus Pay zone depth (ft) 7170'
Gas: Initial open flow 1491 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 3074 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 26 Hours
Static rock Pressure 1650 psig (surface pressure) after 88 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

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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.


Signature

8-20-12
Date

08/31/2012

Were core samples taken? Yes _____ No **X** _____

Were cuttings caught during drilling? Yes **X** _____ No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list MWD, Gamma Ray, ROP, Total Gas Mud Logs

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.

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Perforated Intervals, Fracturing, or Stimulating:

Stg 1 Marcellus; MD- 11,397'-11,567'; 60 shots; Slick water frac; Avg treating 6817 psi@80 bpm; 104,700#'s 100 mesh; 300,900#'s 30/50 mesh; 9,107 bbl water, 503 bbl recycled water

Stg 2 Marcellus; MD- 11,137'-11,307'; 60 shots; Slick water frac; Avg treating 7375 psi@76 bpm; 97,607#'s 100 mesh; 264,707#'s 30/50 mesh; 8,988 bbl water, 231 bbl recycled water

Stg 3 Marcellus; MD- 10,877'-11,047'; 60 shots; Slick water frac; Avg treating 6953 psi@78 bpm; 101,639#'s 100 mesh; 286,916#'s 30/50 mesh; 8,787 bbl water, 499 bbl recycled water

Stg 4 Marcellus; MD- 10,617'-10,787'; 60 shots; Slick water frac; Avg treating 6969 psi@81 bpm; 104,381#'s 100 mesh; 306,797#'s 30/50 mesh; 8,963 bbl water, 412 bbl recycled water

Stg 5 Marcellus; MD- 10,357'-10,527'; 60 shots; Slick water frac; Avg treating 6651 psi@78 bpm; 96,570#'s 100 mesh; 301,815#'s 30/50 mesh; 8,818 bbl water, 600 bbl recycled water

Stg 6 Marcellus; MD- 10,097'-10,267'; 60 shots; Slick water frac; Avg treating 7214 psi@85 bpm; 97,659#'s 100 mesh; 178,037#'s 30/50 mesh; 7,686 bbl water, 364 bbl recycled water

Plug Back Details Including Plug Type and Depth(s):

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

See attached page

Stg 7 Marcellus; MD- 9,837'-10,007'; 60 shots; Slick water frac; Avg treating 7225 psi@81 bpm;
98,164#'s 100 mesh; 219,915#'s 30/50 mesh; 9,809 bbl water, 401 bbl recycled water

Stg 8 Marcellus; MD- 9,577'-9,747'; 60 shots; Slick water frac; Avg treating 6949 psi@84 bpm;
97,598#'s 100 mesh; 401,718#'s 30/50 mesh; 9,809 bbl water

Stg 9 Marcellus; MD- 9,317'-9,487'; 60 shots; Slick water frac; Avg treating 6765 psi@85 bpm;
97,725#'s 100 mesh; 300,610#'s 30/50 mesh; 8,329 bbl water, 650 bbl recycled water

Stg 10 Marcellus; MD- 9,057'-9,227'; 60 shots; Slick water frac; Avg treating 6888 psi@82 bpm;
97,129#'s 100 mesh; 147,276#'s 30/50 mesh; 6,292 bbl water, 691 bbl recycled water

Stg 11 Marcellus; MD- 8,797'-8,967'; 60 shots; Slick water frac; Avg treating 6947 psi@83 bpm;
96,423#'s 100 mesh; 300,515#'s 30/50 mesh; 8,756 bbl water, 500 bbl recycled water

Stg 12 Marcellus; MD- 8,537'-8,707'; 60 shots; Slick water frac; Avg treating 6816 psi@81 bpm;
98,216#'s 100 mesh; 265,545#'s 30/50 mesh; 8,071 bbl water, 668 bbl recycled water

Stg 13 Marcellus; MD- 8,277'-8,447'; 60 shots; Slick water frac; Avg treating 7254 psi@81 bpm;
98,421#'s 100 mesh; 298,315#'s 30/50 mesh; 8,328 bbl water, 500 bbl recycled water

Stg 14 Marcellus; MD- 8,017'-8,187'; 60 shots; Slick water frac; Avg treating 7185 psi@77 bpm;
102,154#'s 100 mesh; 164,992#'s 30/50 mesh; 7,337 bbl water, 107 bbl recycled water

Stg 15 Marcellus; MD- 7,757'-7,927'; 60 shots; Slick water frac; Avg treating 77056 psi@85 bpm;
100,220#'s 100 mesh; 16,137#'s 30/50 mesh; 4,016 bbl water, 328 bbl recycled water

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Formation Name or Type	Top (feet)	Bottom (feet)
Fill	0	10
SH	10	40
SS, SH	40	100
SH, SS	100	275
SS, SH	275	356
SLTST	356	366
SH, SS	366	815
SS, SH	815	935
SH	935	975
SS, SH	975	995
SH, SS	995	1162
SH	1162	1250
SH,SS	1250	1255
SH	1255	1400
SS	1400	1410
SS,SH	1410	1480
SH,SS	1480	1900
SH	1900	2062
SH,SS	2062	2260
SS,SH	2260	2478
SH	2478	2595
SH,SS	2595	2750
SH	2750	3870
SS,SH	3870	4026
SH,SLTST	4026	4150
SH, SLTST, w tr SS	4150	4210
SH,SLTST	4210	4750
SLTST,SH	4750	5200
SH,SLTST	5200	5400
SH w tr sltst	5400	5450
SH	5450	6980
LS,SH	6980	7050
SH w tr LS	7050	7070
SH	7070	7150
SH w tr LS	7150	7160
SH	7160	7600
SH, LS	7600	7620
SH	7620	11645

Fresh Water @ 60'

Burkett 6912' MD - 6983' MD
 6877' TVD - 6932' TVD
 Tully 6983' MD - 7052' MD
 6932' TVD - 6982' TVD
 Hamilton 7052' MD - 7160' MD
 6982' TVD - 7044' TVD
 Marcellus 7160' MD - 11638' TVD
 7044' TVD - 7145' TVD

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