

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 #: 47-049-02165

Farm name: XTO Energy, Inc. Operator Well No.: Tetrick Unit A 2H

LOCATION: Elevation: 971' Quadrangle: Shinnston 7.5'

District: Lincoln County: Marion
Latitude: 2,530' Feet South of ³⁹ Deg. 27' Min. ^{30"} Sec.
Longitude 9,270' 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 - 250sks
Agent: Gary Beall	13 3/8"	576'	576'	CTS - 560sks
Inspector: Sam Ward	9 5/8"	3030'	3030'	CTS - 810sks
Date Permit Issued: 5/18/2011	5 1/2"	11805'	11805'	1903sks
Date Well Work Commenced: 6/08/2011				
Date Well Work Completed: 9/6/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,168'				
Total Measured Depth (ft): 11,805'				
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) 7160'

Gas: Initial open flow 566 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 2404 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 21 Hours

Static rock Pressure 2325 psig (surface pressure) after 87 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

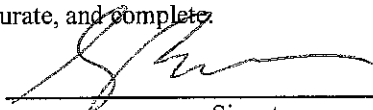
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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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, 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:

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See additional page

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

Formations Encountered:	Top Depth	/	Bottom Depth
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Surface:

See additional page

Stg 1 Marcellus; MD- 11,562'-11,732'; 60 shots; Slick water frac; Avg treating 7136 psi@81 bpm;
105,700#'s 100 mesh; 300,700#'s 30/50 mesh; 11,489 bbl water, 502 bbl recycled water

Stg 2 Marcellus; MD- 11,307'-11,477'; 60 shots; Slick water frac; Avg treating 6434 psi@83 bpm;
101,800#'s 100 mesh; 298,300#'s 30/50 mesh; 8,847 bbl water, 500 bbl recycled water

Stg 3 Marcellus; MD- 11,052'-11,222'; 60 shots; Slick water frac; Avg treating 6879 psi@80 bpm;
99,700#'s 100 mesh; 301,800#'s 30/50 mesh; 9,284 bbl water, 501 bbl recycled water

Stg 4 Marcellus; MD- 10,797'-10,967'; 60 shots; Slick water frac; Avg treating 7012 psi@78 bpm;
101,161#'s 100 mesh; 303,802#'s 30/50 mesh; 9,212 bbl water, 95 bbl recycled water

Stg 5 Marcellus; MD- 10,542'-10,712'; 60 shots; Slick water frac; Avg treating 6789 psi@81 bpm;
97,292#'s 100 mesh; 297,774#'s 30/50 mesh; 9,111 bbl water, 499 bbl recycled water

Stg 6 Marcellus; MD- 10,287'-10,457'; 60 shots; Slick water frac; Avg treating 7138 psi@80 bpm;
106,093#'s 100 mesh; 301,159#'s 30/50 mesh; 8,935 bbl water, 500 bbl recycled water

Stg 7 Marcellus; MD- 10,032'-10,202'; 60 shots; Slick water frac; Avg treating 6633 psi@85 bpm;
100,028#'s 100 mesh; 298,611#'s 30/50 mesh; 8,643 bbl water, 700 bbl recycled water

Stg 8 Marcellus; MD- 9,777'-9,942'; 60 shots; Slick water frac; Avg treating 6803 psi@84 bpm;
98,486#'s 100 mesh; 301,024#'s 30/50 mesh; 9,086 bbl water, 171 bbl recycled water

Stg 9 Marcellus; MD- 9,522'-9,692'; 60 shots; Slick water frac; Avg treating 6579 psi@86 bpm;
99,302#'s 100 mesh; 300,425#'s 30/50 mesh; 8,920 bbl water, 392 bbl recycled water

Stg 10 Marcellus; MD- 9,267'-9,437'; 60 shots; Slick water frac; Avg treating 6752 psi@82 bpm;
100,249#'s 100 mesh; 300,119#'s 30/50 mesh; 8,329 bbl water, 650 bbl recycled water

Stg 11 Marcellus; MD- 9,012'-9,182'; 60 shots; Slick water frac; Avg treating 6634 psi@88 bpm;
99,178#'s 100 mesh; 300,702#'s 30/50 mesh; 8,061 bbl water, 750 bbl recycled water

Stg 12 Marcellus; MD- 8,757'-8,927'; 60 shots; Slick water frac; Avg treating 6571 psi@83 bpm;
97,198#'s 100 mesh; 300,687#'s 30/50 mesh; 8,009 bbl water, 751 bbl recycled water

Stg 13 Marcellus; MD- 8,502'-8,672'; 60 shots; Slick water frac; Avg treating 6419 psi@83 bpm;
98,235#'s 100 mesh; 300,725#'s 30/50 mesh; 7,902 bbl water, 900 bbl recycled water

Stg 14 Marcellus; MD- 8,247'-8,417'; 60 shots; Slick water frac; Avg treating 6551 psi@87 bpm;
104,284#'s 100 mesh; 302,363#'s 30/50 mesh; 8,042 bbl water, 752 bbl recycled water

Stg 15 Marcellus; MD- 7,992'-8,162'; 60 shots; Slick water frac; Avg treating 7992 psi@85 bpm;
106,290#'s 100 mesh; 299,185#'s 30/50 mesh; 8,042 bbl water, 856 bbl recycled water

Stg 16 Marcellus; MD- 7,737'-7,907'; 60 shots; Slick water frac; Avg treating 6688 psi@85 bpm;
68,136#'s 100 mesh; 250,139#'s 30/50 mesh; 6,940 bbl water, 800 bbl recycled water

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Formation Name or Type	Top (feet)	Bottom (feet)
FILL	0	40
SH	40	110
SS	110	120
SS,SH	120	278
SH	278	300
SS,SH	300	420
SS	420	500
SH	500	580
SS	580	640
SS,SH	640	870
SH	870	885
SH,SS	885	1230
SH	1230	1450
SS,SH	1450	1600
SH	1600	1875
SH,SS	1875	2168
SH	2168	2365
SH,SS	2365	2146
SH	2146	3034
SH,SLTST	3034	3500
SH,SS	3500	4450
SH,SLTST	4450	4750
SH,SLTST, w trace SS	4750	5050
SH,SLTST	5050	5140
SLTST,SH, w trace SS	5140	5230
SH,SLTST	5230	5290
SH, SLTST,SS	5290	5320
SH, SLTST	5320	5380
SH, SLTST,SS	5380	5500
SH,SLTST	5500	5710
SLTST,SH, SS	5710	5770
SH,SLTST	5770	5800
SH	5800	6975
SH,LS	6975	7010
LS	7010	7093
SH,LS	7093	7200
SH	7200	7310
SH,LS	7310	7330
SH	7330	7480
SH,LS	7480	7570
SH	7570	7650
SH,LS	7650	7680
SH	7680	9630
SH,LS	9630	9700
SH	9700	10200
SH,LS	10200	10300
SH	10300	11270
SH,LS	11270	11300
SH	11300	11805

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XTO Energy, Inc.
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Tetrick Unit A 2H

Fresh Water @ 60'

Burkett	6950' MD - 7014' MD 6889' TVD - 6930' TVD
Tully	7014' MD - 7095' MD 6930' TVD - 6980' TVD
Hamilton	7095' MD - 7209' MD 6980' TVD - 7041' TVD
Marcellus	7209' MD - 11805' MD 7041' TVD - 7168' TVD

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