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:	Revised 2/20/2013
API #:	47-049-02130

Farm name: Cain, Richard	Operator Wel	1 No.: Fenn A 9	ЭН	<u> </u>
LOCATION: Elevation: 1,251'	Quadrangle: Shinnston County: Marion			
District: Lincoln				
Latitude: 590' Feet South of 39 Deg.	27 Min. 30 Sec.			
Longitude 7,320' Feet West of 80 Deg	. <u>17</u> Min	. <u>30</u> Sec).	
Company: XTO Energy Inc.				•
Address: PO Box 1008, Jane Lew, WV 26378	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
	20"	118'	118'	C.T.S.
Agent: Gary Beall	13 3/8"	580'	580'	300 bbls
Inspector: Tristan Jenkins	9 5/8"	3,050'	3,050'	1008.9 cuft
Date Permit Issued: 12/27/2010	5 1/2"	12,746'	12,727'	2626.8 cuft
Date Well Work Commenced: 5/27/2011				
Date Well Work Completed: 10/27/2011				
Verbal Plugging:			<u></u>	
Date Permission granted on:				
Rotary Cable Rig			<u> </u>	
Total Vertical Depth (ft): 7497'				
Total Measured Depth (ft): 12,746'		<u> </u>		
Fresh Water Depth (ft.): 406'				
Salt Water Depth (ft.): None Encountered		<u> </u>		
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None Noted				
Void(s) encountered (N/Y) Depth(s) N				
OPEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay Gas: Initial open flow Show MCF/d Oil: Initial open flow Show MCF/d Final open flow	zone depth (ft)	7441'-7497' bl/d		•
Time of open flow between initial and final tests			FEB ?	5 6
Static rock Pressurepsig (surface pressure) a	nerHou	rs	FEB S	
Second producing formation Pay zo	ne depth (ft)			

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.

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

Signature Date

03/15/2013

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Were core samples taken? YesNo_X	Were cuttings caught during drilling? Yes X No
Were Electrical, Mechanical or Geophysical logs recorded on this v MWD, GR, ROP, VS, TVD	vell? If yes, please list
NOTE: IN THE AREA BELOW PUT THE FOLLOWING FRACTURING OR STIMULATING, PHYSICAL CHANGE, DETAILED GEOLOGICAL RECORD OF THE TOPS AT COAL ENCOUNTERED BY THE WELLBORE FROM SUR	ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC ND BOTTOMS OF ALL FORMATIONS, INCLUDING
Perforated Intervals, Fracturing, or Stimulating:	
Stg 1 Marcellus; 12,485'-12,655; 72 shots; Slick water frac; Avg treating 7032 psi@80 bpm;	85,874#s 100 mesh; 292,774#s 30/50 mesh; 7,413 bbl water, 1140 bbl treated water
Stg 2 Marcellus; 12,233'-12,403; 72 shots; Slick water frac; Avg treating 7163 psl@82 bpm;	
Stg 3 Marcellus; 11,981'-12,151; 72 shots; Slick water frac; Avg treating 7079 psl@80 bpm	; 87,085#s 100 mesh; 294,846#s 30/50 mesh; 8260 bbl water, 369 bbl treated water
Stg 4 Marcellus; 11,729'-11,899; 72 shots; Slick water frac; Avg treating 8059 psi@34 bpm	ı; 10,697#s 100 mesh; 12,705#s 30/50 mesh; 11,600 bbl water, 45 bbl treated water
Stg 5 Marcellus; 11,343'-11,521; 72 shots; Slick water frac; Avg treating 7053 p	si@81 bpm; 85,770#s 100 mesh; 297,209#s 30/50 mesh; 8,651 bbl water
Stg 6 Marcellus; 11,083'-11,261; 72 shots; Slick water frac; Avg treating 7026 p	si@79 bpm; 87,563#s 100 mesh; 287,942#s 30/50 mesh; 8,935 bbl water
Plug Back Details Including Plug Type and Depth(s):	
See additional page	
Formations Encountered: Top Depth Surface:	Bottom Depth
Little Lime 1710 - 1723	
Big Lime 1741 - 1836	
Big Injun 1836 - 1900	
5th Sand 2809 - 2833	
Balltown 3709 - 3725	
Geneseo Shale 7202 - 7251	
Tully Limestone 7251 - 7302	
Hamilton Shale 7302 - 7366	
Upper Marcellus 7366 - 7457	
Purcell Limestone 7457 - 7497	

49-02130

Fenn A 9H 47-049-02130

Stg 7 Marcellus; 10,823'-11,001; 72 shots; Slick water frac; Avg treating 7093 psi@81 bpm; 87,842#s 100 mesh; 296,178#s 30/50 mesh; 8,544 bbl water

Stg 8 Marcellus; 10,563'-10,741; 72 shots; Slick water frac; Avg treating 7186 psi@82 bpm; 85,213#s 100 mesh; 297,756#s 30/50 mesh; 8,617 bbl water

Stg 9 Marcellus; 10,303'-10,481; 72 shots; Slick water frac; Avg treating 7209 psi@83 bpm; 85,312#s 100 mesh; 249,525#s 30/50 mesh; 7501 bbl water, 782 bbl treated water

Stg 10 Marcellus; 10,043'-10,221; 72 shots; Slick water frac; Avg treating 7172psi@84 bpm; 85,808#s 100 mesh; 292,083#s 30/50 mesh; 6863 bbl water, 1660 bbl treated water

Stg 11 Marcellus; 9,783'-9,961; 72 shots; Slick water frac; Avg treating 7021 psi@81 bpm; 85,024#s 100 mesh; 290,007#s 30/50 mesh; 7,336 bbl water, 1,117 bbl treated water

Stg 12 Marcellus; 9,523'-9,701; 72 shots; Slick water frac; Avg treating 7077 psi@80 bpm; 83,170#s 100 mesh; 295,180#s 30/50 mesh; 7467 bbl water, 1079 bbl treated water

Stg 13 Marcellus; 9,263'-9,441; 72 shots; Slick water frac; Avg treating 7052 psi@82 bpm; 83,851#s 100 mesh; 293,898#s 30/50 mesh; 7354 bbl water, 1158 bbl treated water

Stg 14 Marcellus; 9,003'-9,181; 72 shots; Slick water frac; Avg treating 7037 psi@79 bpm; 85,712#s 100 mesh; 276,342#s 30/50 mesh; 7171 bbl water, 1117 bbl treated water

Stg 15 Marcellus; 8,743'-8,921; 72 shots; Slick water frac; Avg treating 7103 psi@84 bpm; 83,845#s 100 mesh; 292,327#s 30/50 mesh; 7344 bbl water, 1100 bbl treated water

Stg 16 Marcellus; 8,483'-8,661; 72 shots; Slick water frac; Avg treating 6721 psi@84 bpm; 88,154#s 100 mesh; 295,262#s 30/50 mesh; 7173 bbl water, 1301 bbl treated water

Stg 17 Marcellus; 8,223'-8,401; 72 shots; Slick water frac; Avg treating 6937 psi@82 bpm; 86,114#s 100 mesh; 297,129#s 30/50 mesh; 7729 bbl water, 830 bbl treated water

Stg 18 Marcellus; 7,963'-8,141; 72 shots; Slick water frac; Avg treating 6619 psi@84 bpm; 85,777#s 100 mesh; 298,734#s 30/50 mesh; 7,122 bbl water, 1,248 bbl treated water

Stg 19 Marcellus; 7,703'-7,881; 72 shots; Slick water frac; Avg treating 7099 psi@79 bpm; 83,699#s 100 mesh; 297,771#s 30/50 mesh; 7582 bbl water, 863 bbl treated water

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