

WR-35
Rev (8-10)

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

DATE: 9/15/11
API #: 47-049-02146

Farm name: Zogol, John & Rebecca Operator Well No.: Zogol A 2H

LOCATION: Elevation: 1,233' Quadrangle: Shinnston 7.5'

District: Lincoln County: Marion
Latitude: 5,250' Feet South of 39 Deg. 30' Min. 00" Sec.
Longitude 4,560' Feet West of 80 Deg. 20' Min. 00" Sec.

Company:

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
XTO Energy, Inc., PO Box 1008, Jane Lew, WV 26378	20"	120'	120'	Screwed In
Agent: Gary Beall	13 3/8"	706'	706'	600 SKS - C.T.S.
Inspector: Tristan Jenkin	9 5/8"	2,989'	2,989'	815 SKS - C.T.S.
Date Permit Issued: 3/1/11	5 1/2"	10,477'	10,477'	1,311 SKS
Date Well Work Commenced: 3/26/11				
Date Well Work Completed: 5/27/11				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,478'				
Total Measured Depth (ft): 10,477'				
Fresh Water Depth (ft.): None Noted				
Salt Water Depth (ft.): 2250'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 460' - 500'				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 7,457' - 7,478' TVD

Gas: Initial open flow Show MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow Show 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

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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Environmental Protection

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

9-16-11
Date

01/20/2012

47-049-02146

Zogol A 2H

Formation Name or Type	Top (feet)	Bottom (feet)	Water at (fresh / brine; ft.)
SH	0	220	
SH	220	460	
COAL	460	500	
SH	500	700	
SS	700	730	
SH	730	780	
SS	780	820	
SS, SH	820	1065	
SS	1065	1100	
SS,SH	1100	1325	
SH	1325	1500	
SS,SH	1500	1800	
SS	1800	1962	
SH	1962	2156	
SH, SS	2156	2483	@2250
SS	2483	2672	
SH	2672	2797	
SS, SH	2797	2991	
SS,SLTST	2991	3300	
SLTST, SS,SH	3300	3390	
SLTST, SS,SH	3390	3630	
SLTST, SH	3630	3750	
SS., SLTST, TR SH,LS	3750	3810	
SLTST, SS,SH	3810	4110	
SLTST, SH	4110	4200	
SS,SLTST, SH	4200	4320	
SH, SLTST	4320	4410	
SS, SLTSR	4410	4530	
SH	4530	4680	
SH, SLTST	4680	4890	
SH,SLTST,SS	4890	4980	
SH, SLTST	4980	5010	
SH,SLTST,SS	5010	5200	
SH,SLTST,SS	5200	5460	
SS, SLTST	5460	5680	
SH, SLTST	5680	5730	
SS,SLTST	5730	5910	
SH,SLTST,SS	5910	6060	Burkett 7,202' / 7,242' TVD
SH	6060	7350	7,302' / 7,367' MD
LS, SH	7350	7470	Tully 7,242' / 7,280' TVD
SH	7470	7800	7,367' / 7,431' MD
SH,LS	7800	7825	Hamilton 7,280' / 7,352' TVD
SH	7825	8150	7,431' / 7,573' MD
LS, SH	8150	8580	Marcellus 7,352' / 7,478' TVD
SH	8580	10477	7,573' / 10,477' MD

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Zogol A 2H

Stg 8 Marcellus; MD- 8,442'-8,612'; 72 shots; Slick water frac; Avg treating 7281 psi@82 bpm;
75,600#'s 100 mesh; 284,900#'s 30/50 mesh; 8,820 bbl water

Stg 9 Marcellus; MD- 8,186'-8,356'; 72 shots; Slick water frac; Avg treating 7730 psi@80 bpm;
76,000#'s 100 mesh; 282,300#'s 30/50 mesh; 9,680 bbl water

Stg 10 Marcellus; MD- 7,930'-8,100'; 72 shots; Slick water frac; Avg treating 6888 psi@81 bpm;
77,100#'s 100 mesh; 265,800#'s 30/50 mesh; 8,748 bbl water

01/20/2012