

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

DATE: OCT 10 2012  
 API No: 47-097-03773H  
 Lease No: 63848

Farm Name: WOODY, D.J., ET AL Operator Well No. ALT2FHS (405950)

LOCATION: Elevation: 2132' Quadrangle: Alton

District: Washington County: Upshur

Latitude: 9,930 Feet South of: 38 Deg. 50 Min. 00 Sec.  
 Longitude: 9,300 Feet West of: 80 Deg. 10 Min. 00 Sec.

Company: CNX Gas Company LLC formerly Consol Gas Company

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 1248 Jane Lew, WV 26378				
Agent: Richard K. Elswick				
Inspector: Bill Hatfield				
Date Permit Issued: 12/13/2010				
Date Well Work Commenced: 08/18/2011	30"	40'	40'	Grouted In
Date Well Work Completed: 05/23/2012				
Verbal Plugging:	13 3/8"	614'	614'	450 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2039'	2039'	710 sks
Total Vertical Depth (feet): 7195				
Total Measured Depth (feet): 11563	5 1/2"	11472'	11472'	501 bbls
Fresh Water Depth (ft.): 40', 157', 311'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): 90'-93', 163'-168', 576'-579'				
Void(s) encountered (N/Y) Depth(s)				

**OPEN FLOW DATA**

Producing formation MARCELLUS Pay zone depth (ft) 7120'-11472'  
 Gas: Initial production 1267 MCF/d Oil: Initial open flow \* Bbl/d  
 Final open flow 2873 MCF/d Final open flow \* Bbl/d  
 Time of open flow between initial and final tests 1280 Hours  
 Initial Flowing Pressure 1525 psig (surface pressure) after 1388.5 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

**\* COMMINGLED WITH PREVIOUS FORMATIONS**

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

R.K. Elswick  
 Signature

10-3-12  
 Date

WELL: ALT2FHS (405950)

Were core samples taken? Yes \_\_\_ No X      Were cuttings caught during drilling? Yes X No \_\_\_

Were \_\_\_ Electrical \_\_\_ Mechanical, X or Geophysical logs recorded on this well?

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:**

5/20/2012 FRACED STAGE 1/12. PERFED MARCELLUS @ 11157'-11391' W/ 15 SHOTS. SAND 402,600#, AVG PSI 7067, AVG RATE 90.3.  
 5/20/2012 FRACED STAGE 2/12. PERFED MARCELLUS @ 10844'-11096' W/ 7 SHOTS. SAND 401,700#, AVG PSI 6798, AVG RATE 80.7.  
 5/20/2012 FRACED STAGE 3/12. PERFED MARCELLUS @ 10545'-10796' W/ 7 SHOTS. SAND 181,700#, AVG PSI 7094, AVG RATE 80.5.  
 5/21/2012 FRACED STAGE 4/12. PERFED MARCELLUS @ 10245'-10496' W/ 7 SHOTS. SAND 370,200# , AVG PSI 7302, AVG RATE 99.6.  
 5/21/2012 FRACED STAGE 5/12. PERFED MARCELLUS @ 9945'-10196' W/ 7 SHOTS. SAND 403,100#, AVG PSI 7127, AVG RATE 92.5.  
 5/21/2012 FRACED STAGE 6/12. PERFED MARCELLUS @ 9745'-9896' W/ 7 SHOTS. SAND 316,800#, AVG PSI 7687, AVG RATE 86.5.  
 5/21/2012 FRACED STAGE 7/12. PERFED MARCELLUS @ 9345'-9593' W/ 7 SHOTS. SAND 402,800#, AVG PSI 7129, AVG RATE 92.8.  
 5/22/2012 FRACED STAGE 8/12. PERFED MARCELLUS @ 9045'-9296' W/ 7 SHOTS. SAND 369,900#, AVG PSI 7068, AVG RATE 94.3.  
 5/22/2012 FRACED STAGE 9/12. PERFED MARCELLUS @ 8745'-8996' W/ 7 SHOTS. SAND 403,500#, AVG PSI 7295, AVG RATE 93.9.  
 5/22/2012 FRACED STAGE 10/12. PERFED MARCELLUS @ 8445'-8696' W/ 7 SHOTS. SAND 370,500#, AVG PSI 7050, AVG RATE 94.7.  
 5/23/2012 FRACED STAGE 11/12. PERFED MARCELLUS @ 8145'-8391' W/ 7 SHOTS. SAND 401,500#, AVG PSI 6985, AVG RATE 92.9.  
 5/23/2012 FRACED STAGE 12/12. PERFED MARCELLUS @ 7845'-8096' W/ 7 SHOTS. SAND 352,600#, AVG PSI 6965, AVG RATE 93.3.

**FORMATIONS ENCOUNTERED:**

Fill	0	10	Sand/Shale	10	21	Clay	21	31	Sand/Shale	31	46
Sand	46	90	Coal	90	93	Shale	93	120	Sand/Shale	120	125
Sand	125	155	Sand/Shale	155	163	Coal	163	168	Sand/Shale	168	172
Sand	172	430	Sand/Shale	430	455	Sand	455	576	Coal	576	579
Sand/Shale	579	622	Sand	622	670	Sand/Shale	670	783	Shale	783	801
Shale/Sand	801	1000	RedRock	1000	1031	Shale/Sand	1031	1080	Sand	1080	1270
Sand/Shale	1270	1335	Sand	1335	1370	Sand/Shale	1370	1430	Lime	1430	1474
Injun	1474	1624	Shale/Sand	1624	1646	Fifty Foot	1646	1686	Shale/Sand	1686	1886
RedRock	1886	1995	Sand	1995	2015	Shale/Sand	2015	2104	5th Sand	2104	2125
Shale/Sand	2125	2182	Bayard	2182	2231	Sand/Shale	2231	3084	Sand	3084	3110
Sand/Shale	3110	3490	Sand	3490	3550	Sand/Shale	3550	3800	Benson	3800	3815
Shale	3815	3905	Sand/Shale	3905	3950	Sand	3950	3970	Shale	3970	4000
Shale/Sand	4000	5550									

<b>GAMMA RAY/ FORMATION</b>			
#ALT2FHS (405950)	<b>TOPS</b>		47-097-03773H
	TOP	BASE	
FORMATIONS MEASURED IN TVD			
HOLE NOT LOGGED UNTIL KICKOFF POINT			
BURKETT	6977	7020	
TULLY	7020	7058	
HAMILTON	7058	7120	
MARCELLUS	7120		
LTD	11564		