

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: **47-097-03771H**
 Lease No: 63848

JF

Farm Name: WOODY, D.J., ET AL Operator Well No. ALT2DHS (405946)

LOCATION: Elevation: 2132' Quadrangle: Alton

District: Washington County: Upshur

Latitude: 9,950 Feet South of: 38 Deg. 50 Min. 00 Sec.
 Longitude: 9,340 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: 07/10/2011	30"	40'	40'	Grouted In
Date Well Work Completed: 05/13/2012				
Verbal Plugging:	13 3/8"	632'	632'	500 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2010'	2010'	650 sks
Total Vertical Depth (feet): 7193				
Total Measured Depth (feet): 13335	7"	6321'	6321'	692 sks
Fresh Water Depth (ft.): 40', 157', 311'				
Salt Water Depth (ft.): N/A	4 1/2"	13269'	13269'	597 sks
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) 7121'-13269'
 Gas: Initial production 3872 MCF/d Oil: Initial open flow * Bbl/d
 Final open flow 3312 MCF/d Final open flow * Bbl/d
 Time of open flow between initial and final tests 110.50 Hours
 Initial Flowing Pressure 2025 psig (surface pressure) after 832.50 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: ALT2DHS (405946)

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:

5/5/2012 FRACED STAGE 1/25. PERFED MARCELLUS @ 13108'-13171' W/ 15 SHOTS. SAND 240,100#, AVG PSI 8077, AVG RATE 62.9.
 5/5/2012 FRACED STAGE 2/25. PERFED MARCELLUS @ 12976'-13076' W/ 10 SHOTS. SAND 212,200#, AVG PSI 8006, AVG RATE 59.1.
 5/5/2012 FRACED STAGE 3/25. PERFED MARCELLUS @ 12796'-12914' W/ 10 SHOTS. SAND 207,600#, AVG PSI 8407, AVG RATE 64.8.
 5/5/2012 FRACED STAGE 4/25. PERFED MARCELLUS @ 12620'-12738' W/ 10 SHOTS. SAND 208,300#, AVG PSI 8529, AVG RATE 64.5.
 5/6/2012 FRACED STAGE 5/25. PERFED MARCELLUS @ 12436'-12558' W/ 10 SHOTS. SAND 210,700#, AVG PSI 8350, AVG RATE 61.6.
 5/6/2012 FRACED STAGE 6/25. PERFED MARCELLUS @ 12256'-12378' W/ 10 SHOTS. SAND 211,000#, AVG PSI 8404, AVG RATE 65.2.
 5/6/2012 FRACED STAGE 7/25. PERFED MARCELLUS @ 12076'-12198' W/ 10 SHOTS. SAND 211,000#, AVG PSI 8292, AVG RATE 70.7.
 5/6/2012 FRACED STAGE 8/25. PERFED MARCELLUS @ 11896'-12018' W/ 10 SHOTS. SAND 216,500#, AVG PSI 8323, AVG RATE 69.9.
 5/7/2012 FRACED STAGE 9/25. PERFED MARCELLUS @ 11656'-11838' W/ 9 SHOTS. SAND 279,700#, AVG PSI 8405, AVG RATE 75.9.
 5/7/2012 FRACED STAGE 10/25. PERFED MARCELLUS @ 11416'-11598' W/ 9 SHOTS. SAND 281,400#, AVG PSI 8443, AVG RATE 75.7.
 5/7/2012 FRACED STAGE 11/25. PERFED MARCELLUS @ 11176'-11358' W/ 9 SHOTS. SAND 279,900#, AVG PSI 8154, AVG RATE 74.5.
 5/7/2012 FRACED STAGE 12/25. PERFED MARCELLUS @ 10932'-11118' W/ 9 SHOTS. SAND 60,700#, AVG PSI 8481, AVG RATE 74.6.
 5/7/2012 FRACED STAGE 13/25. PERFED MARCELLUS @ 10696'-10878' W/ 9 SHOTS. SAND 311,200#, AVG PSI 8240, AVG RATE 85.0.
 5/8/2012 FRACED STAGE 14/25. PERFED MARCELLUS @ 10456'-10638' W/ 9 SHOTS. SAND 284,500#, AVG PSI 8370, AVG RATE 83.3.
 5/8/2012 FRACED STAGE 15/25. PERFED MARCELLUS @ 10216'-10398' W/ 9 SHOTS. SAND 306,400#, AVG PSI 8246, AVG RATE 85.1.
 5/8/2012 FRACED STAGE 16/25. PERFED MARCELLUS @ 9976'-10158' W/ 9 SHOTS. SAND 237,900#, AVG PSI 8441, AVG RATE 81.7.
 5/9/2012 FRACED STAGE 17/25. PERFED MARCELLUS @ 9736'-9918' W/ 9 SHOTS. SAND 289,100#, AVG PSI 8329, AVG RATE 71.7.
 5/9/2012 FRACED STAGE 18/25. PERFED MARCELLUS @ 9436'-9678' W/ 8 SHOTS. SAND 357,300#, AVG PSI 8274, AVG RATE 85.7.
 5/9/2012 FRACED STAGE 19/25. PERFED MARCELLUS @ 9136'-9376' W/ 8 SHOTS. SAND 348,900#, AVG PSI 8161, AVG RATE 84.4.
 5/10/2012 FRACED STAGE 20/25. PERFED MARCELLUS @ 8836'-9078' W/ 8 SHOTS. SAND 354,700#, AVG PSI 8190, AVG RATE 89.8.
 5/10/2012 FRACED STAGE 21/25. PERFED MARCELLUS @ 8536'-8778' W/ 8 SHOTS. SAND 350,200#, AVG PSI 7810, AVG RATE 81.0.
 5/10/2012 FRACED STAGE 22/25. PERFED MARCELLUS @ 8236'-8478' W/ 8 SHOTS. SAND 351,900#, AVG PSI 8441, AVG RATE 81.4.
 5/13/2012 FRACED STAGE 23/25. PERFED MARCELLUS @ 7936'-8178' W/ 8 SHOTS. SAND 355,900#, AVG PSI 8122, AVG RATE 81.6.
 5/13/2012 FRACED STAGE 24/25. PERFED MARCELLUS @ 7636'-7882' W/ 8 SHOTS. SAND 353,600#, AVG PSI 7575, AVG RATE 80.5.
 5/13/2012 FRACED STAGE 25/25. PERFED MARCELLUS @ 7336'-7576' W/ 8 SHOTS. SAND 426,200#, AVG PSI 7031, AVG RATE 79.0.

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									

GAMMA RAY/ FORMATION		
#ALT2DHS (405946)	47-097-03771H	
	TOPS	
	TOP	BASE
FORMATIONS MEASURED IN TVD		
HOLE NOT LOGGED UNTIL KICKOFF POINT		
BURKETT	6978	7023
TULLY	7024	7066
HAMILTON	7067	7120
MARCELLUS	7121	
LTD	13335	