

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: 47-097-03768H
Lease No: 63848

Farm Name: WOODY, D.J., ET AL Operator Well No. ALT2AHS (405940)

LOCATION: Elevation: 2132' Quadrangle: Alton
District: Washington County: Upshur
Latitude: 9,980 Feet South of: 38 Deg. 50 Min. 00 Sec.
Longitude: 9,400 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: 12/14/2010				
Date Well Work Commenced: 05/27/2011	30"	27'	27'	Grouted In
Date Well Work Completed: 05/03/2012				
Verbal Plugging:	20"	40'	40'	125 sks
Date Permission granted on:				
Rotary Cable Rig X	13 3/8"	614'	614'	450 sks
Total Vertical Depth (feet): 7203				
Total Measured Depth (feet): 14300	9 5/8"	2039'	2039'	710 sks
Fresh Water Depth (ft.): 40', 157', 311'				
Salt Water Depth (ft.): N/A	7"	5514'	5514'	168 bbls
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): 90'-93', 163'-168', 576'-579'	4 1/2"	14209'	14209'	175 bbls
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA

Producing formation MARCELLUS Pay zone depth (ft) 7122'-14209'
Gas: Initial production 759 MCF/d Oil: Initial open flow * Bbl/d
Final open flow 1776 MCF/d Final open flow * Bbl/d
Time of open flow between initial and final tests 259.5 Hours
Initial Flowing Pressure 1556 psig (surface pressure) after 803 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

10-5-12
Date

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:

3/20/2012 FRACED STAGE 1/25. PERFED MARCELLUS @ 13954'-14076' W/ 15 SHOTS. SAND 89,300#, AVG PSI 8689, AVG RATE 37.9.
 3/21/2012 FRACED STAGE 2/25. PERFED MARCELLUS @ 13775'-13897' W/ 10 SHOTS. SAND 99,600#, AVG PSI 8684, AVG RATE 37.6.
 4/12/2012 FRACED STAGE 3/25. PERFED MARCELLUS @ 13595'-13717' W/ 10 SHOTS. SAND 130,200#, AVG PSI 8353, AVG RATE 33.0.
 4/18/2012 FRACED STAGE 4/25. PERFED MARCELLUS @ 13415'-13537' W/ 10 SHOTS. SAND 242,200#, AVG PSI 8565, AVG RATE 53.0.
 4/18/2012 FRACED STAGE 5/25. PERFED MARCELLUS @ 13235'-13357' W/ 10 SHOTS. SAND 258,400#, AVG PSI 8432, AVG RATE 59.1.
 4/19/2012 FRACED STAGE 6/25. PERFED MARCELLUS @ 13055'-13177' W/ 10 SHOTS. SAND 273,700#, AVG PSI 8296, AVG RATE 58.1.
 4/19/2012 FRACED STAGE 7/25. PERFED MARCELLUS @ 12875'-12997' W/ 10 SHOTS. SAND 257,800#, AVG PSI 8189, AVG RATE 55.5.
 4/21/2012 FRACED STAGE 8/25. PERFED MARCELLUS @ 12695'-12817' W/ 10 SHOTS. SAND 262,100#, AVG PSI 8191, AVG RATE 56.0.
 4/22/2012 FRACED STAGE 9/25. PERFED MARCELLUS @ 12415'-12637' W/ 9 SHOTS. SAND 340,100#, AVG PSI 8486, AVG RATE 61.2.
 4/22/2012 FRACED STAGE 10/25. PERFED MARCELLUS @ 12215'-12397' W/ 9 SHOTS. SAND 354,800#, AVG PSI 8419, AVG RATE 63.0.
 4/23/2012 FRACED STAGE 11/25. PERFED MARCELLUS @ 11975'-12157' W/ 9 SHOTS. SAND 345,100#, AVG PSI 8365, AVG RATE 53.3.
 4/25/2012 FRACED STAGE 12/25. PERFED MARCELLUS @ 11735'-11917' W/ 9 SHOTS. SAND 350,700#, AVG PSI 8489, AVG RATE 61.9.
 4/25/2012 FRACED STAGE 13/25. PERFED MARCELLUS @ 11495'-11677' W/ 9 SHOTS. SAND 337,000#, AVG PSI 8484, AVG RATE 58.0.
 4/26/2012 FRACED STAGE 14/25. PERFED MARCELLUS @ 11255'-11437' W/ 9 SHOTS. SAND 340,700#, AVG PSI 8284, AVG RATE 57.9.
 4/27/2012 FRACED STAGE 15/25. PERFED MARCELLUS @ 11015'-11197' W/ 9 SHOTS. SAND 339,300#, AVG PSI 8360, AVG RATE 63.8.
 4/28/2012 FRACED STAGE 16/25. PERFED MARCELLUS @ 10775'-10957' W/ 9 SHOTS. SAND 338,100#, AVG PSI 8574, AVG RATE 62.5.
 4/28/2012 FRACED STAGE 17/25. PERFED MARCELLUS @ 10535'-10717' W/ 9 SHOTS. SAND 342,200#, AVG PSI 8301, AVG RATE 64.7.
 4/28/2012 FRACED STAGE 18/25. PERFED MARCELLUS @ 10235'-10477' W/ 8 SHOTS. SAND 427,800#, AVG PSI 8553, AVG RATE 71.3.
 4/29/2012 FRACED STAGE 19/25. PERFED MARCELLUS @ 9935'-10177' W/ 8 SHOTS. SAND 428,500#, AVG PSI 8384, AVG RATE 76.0.
 4/30/2012 FRACED STAGE 20/25. PERFED MARCELLUS @ 9635'-9877' W/ 8 SHOTS. SAND 429,400#, AVG PSI 8554, AVG RATE 78.3.
 4/30/2012 FRACED STAGE 21/25. PERFED MARCELLUS @ 9335'-9577' W/ 8 SHOTS. SAND 425,500#, AVG PSI 8402, AVG RATE 77.1.
 4/30/2012 FRACED STAGE 22/25. PERFED MARCELLUS @ 9035'-9277' W/ 8 SHOTS. SAND 425,600#, AVG PSI 8244, AVG RATE 74.0.
 5/1/2012 FRACED STAGE 23/25. PERFED MARCELLUS @ 8735'-8977' W/ 8 SHOTS. SAND 433,500#, AVG PSI 8061, AVG RATE 81.0.
 5/3/2012 FRACED STAGE 24/25. PERFED MARCELLUS @ 8435'-8677' W/ 8 SHOTS. SAND 393,700#, AVG PSI 8138, AVG RATE 79.4.
 5/3/2012 FRACED STAGE 25/25. PERFED MARCELLUS @ 8135'-8377' W/ 8 SHOTS. SAND 428,600#, AVG PSI 7964, AVG RATE 81.7.

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		
#ALT2AHS (405940)	TOPS	
	47-097-03768H	
	TOP	BASE
FORMATIONS MEASURED IN TVD		
HOLE NOT LOGGED UNTIL KICKOFF POINT		
BURKETT	6977	7021
TULLY	7021	7059
HAMILTON	7059	7122
MARCELLUS	7122	
LTD	14300	