

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

DATE: NOV 06 2012
API No: 47-001-03247H
Lease No: 70640;70642;070943;07094

Farm Name: BENNETT, JEREMY & BRANDY & Operator Well No. PHL4AHS (406153)
E. DOLETTA BENNETT, ET AL

LOCATION: Elevation: 1514' Quadrangle: Philippi
District: Pleasant County: Barbour
Latitude: 20,324 Feet South of: 39 Deg. 15 Min. 00 Sec.
Longitude: 2,535 Feet West of: 80 Deg. 00 Min. 00 Sec.

Company: CNX Gas Company LLC

	Casing and Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 1248 Jane Lew, WV 26378				
Agent: Kent Wright				
Inspector: Bryan Harris				
Date Permit Issued: 06/30/2011				
Date Well Work Commenced: 11/03/2011	20"	40'	40'	Grouted In
Date Well Work Completed: 07/22/2012				
Verbal Plugging:	13 3/8"	613'	613'	460 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2053'	2053'	715 sks
Total Vertical Depth (feet): 7644'				
Total Measured Depth (feet): 14619'	5 1/2"	14540'	14540'	3031 sks
Fresh Water Depth (ft.): 50', 390'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)?: No				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA

Producing formation MARCELLUS Pay zone depth (ft) 7756'-14540'
Gas: Initial production 1680 MCF/d Oil: Initial open flow * Bbl/d
Final open flow 3867 MCF/d Final open flow * Bbl/d
Time of open flow between initial and final tests 8.5 Hours
Initial Flowing Pressure 4050 psig (surface pressure) after 386 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

[Signature]
Signature

10-31-12
Date

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12/07/2012

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:

7/5/2012 FRACED STAGE 1/22. PERFED MARCELLUS @ 14407'-14524' W/ 48 SHOTS. SAND 346,660#, AVG PSI 7740, AVG RATE 77.3.
 7/6/2012 FRACED STAGE 2/22. PERFED MARCELLUS @ 14112'-14364' W/ 36 SHOTS. SAND 236,920#, AVG PSI 8628, AVG RATE 77.4.
 7/7/2012 FRACED STAGE 3/22. PERFED MARCELLUS @ 13814'-14064' W/ 36 SHOTS. SAND 347,840#, AVG PSI 7889, AVG RATE 63.0.
 7/7/2012 FRACED STAGE 4/22. PERFED MARCELLUS @ 13514'-13766' W/ 36 SHOTS. SAND 343,540#, AVG PSI 8365, AVG RATE 75.6.
 7/8/2012 FRACED STAGE 5/22. PERFED MARCELLUS @ 13214'-13466' W/ 36 SHOTS. SAND 346,504#, AVG PSI 8313, AVG RATE 84.0.
 7/9/2012 FRACED STAGE 6/22. PERFED MARCELLUS @ 12914'-13166' W/ 36 SHOTS. SAND 350,140#, AVG PSI 8641, AVG RATE 72.6.
 7/15/2012 FRACED STAGE 7/22. PERFED MARCELLUS @ 12614'-12866' W/ 36 SHOTS. SAND 278,600#, AVG PSI 8585, AVG RATE 69.0.
 7/16/2012 FRACED STAGE 8/22. PERFED MARCELLUS @ 12314'-12565' W/ 36 SHOTS. SAND 349,880#, AVG PSI 8596, AVG RATE 85.1.
 7/17/2012 FRACED STAGE 9/22. PERFED MARCELLUS @ 12014'-12266' W/ 36 SHOTS. SAND 260,840#, AVG PSI 8107, AVG RATE 67.5.
 7/18/2012 FRACED STAGE 10/22. PERFED MARCELLUS @ 11714'-11965' W/ 36 SHOTS. SAND 346,440#, AVG PSI 8182, AVG RATE 73.0.
 7/19/2012 FRACED STAGE 11/22. PERFED MARCELLUS @ 11306'-11656' W/ 36 SHOTS. SAND 412,960#, AVG PSI 8520, AVG RATE 84.0.
 7/19/2012 FRACED STAGE 12/22. PERFED MARCELLUS @ 10806'-10923' W/ 40 SHOTS. SAND 357,960#, AVG PSI 8505, AVG RATE 78.5.
 7/20/2012 FRACED STAGE 13/22. PERFED MARCELLUS @ 10515'-10766' W/ 36 SHOTS. SAND 345,340#, AVG PSI 8516, AVG RATE 96.0.
 7/20/2012 FRACED STAGE 14/22. PERFED MARCELLUS @ 10215'-10466' W/ 36 SHOTS. SAND 350,400#, AVG PSI 8640, AVG RATE 99.0.
 7/20/2012 FRACED STAGE 15/22. PERFED MARCELLUS @ 9915'-10166' W/ 36 SHOTS. SAND 354,680#, AVG PSI 8579, AVG RATE 96.8.
 7/20/2012 FRACED STAGE 16/22. PERFED MARCELLUS @ 9614'-9865' W/ 36 SHOTS. SAND 348,780#, AVG PSI 8523, AVG RATE 95.0.
 7/21/2012 FRACED STAGE 17/22. PERFED MARCELLUS @ 9315'-9567' W/ 36 SHOTS. SAND 347,440#, AVG PSI 8331, AVG RATE 99.8.
 7/21/2012 FRACED STAGE 18/22. PERFED MARCELLUS @ 9014'-9265' W/ 36 SHOTS. SAND 352,090#, AVG PSI 8686, AVG RATE 100.5.
 7/21/2012 FRACED STAGE 19/22. PERFED MARCELLUS @ 8714'-8965' W/ 36 SHOTS. SAND 346,360#, AVG PSI 8690, AVG RATE 98.7.
 7/22/2012 FRACED STAGE 20/22. PERFED MARCELLUS @ 8414'-8665' W/ 36 SHOTS. SAND 347,340#, AVG PSI 8717, AVG RATE 97.9.
 7/22/2012 FRACED STAGE 21/22. PERFED MARCELLUS @ 8115'-8365' W/ 36 SHOTS. SAND 362,600#, AVG PSI 8483, AVG RATE 90.0.
 7/22/2012 FRACED STAGE 22/22. PERFED MARCELLUS @ 7814'-8065' W/ 36 SHOTS. SAND 344,620#, AVG PSI 8630, AVG RATE 87.5.

FORMATIONS ENCOUNTERED:

Fill	0	40	Surface Rock	40	120	Sand&Shale	120	385	Sand	385	525
Sand&Shale	525	565	Shale	565	1905	RedRock Sand	1905	1965	RedRock	1965	2065
Shale	2065	2090	Sand&Shale	2090	2100	Shale Sand	2100	2120	Sandy Shale	2120	2180
RedRock	2180	2230	Sandy Shale	2230	2265	Shale	2265	2300	Sandy Shale	2300	2700
Shale	2700	4300	Sandy Shale	4300	5550	Shale	5550	7756			

<u>GAMMA RAY/ FORMATION</u>		
#PHL4AHS (406153)	47-001-03247H	
	TOPS	BASE
HOLE NOT LOGGED UNTIL KICKOFF POINT		
BURKETT	7382	7395
TULLY	7395	7468
LTD	14605	
FORMATION TVD AT SURFACE LOCATION		
HAMILTON	7468	7756
MARCELLUS	7756	