

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

DATE: **NOV 06 2012**
API No: **47-001-03249H**
Lease No: 070943; 70640; 70642; 070943;
071088

Well Operator's Report of Well Work

Farm Name: **BENNETT, JEREMY & BRANDY & Operator Well No. PHL4CHS (406157)**
E. DOLETTA BENNETT, ET AL

LOCATION: Elevation: 1514' Quadrangle: Philippi
District: Pleasant County: Barbour
Latitude: 21,261 Feet South of: 39 Deg. 15 Min. 00 Sec.
Longitude: 3,503 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: 11/30/2011	20"	40'	40'	Grouted In
Date Well Work Completed: 07/27/2012				
Verbal Plugging:	13 3/8"	606.97'	606.97'	415 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2027.2'	2027.2'	660 sks
Total Vertical Depth (feet): 7660'				
Total Measured Depth (feet): 15282'	5 1/2"	15461'	15461'	3168 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'-15461'
Gas: Initial production 1488 MCF/d Oil: Initial open flow * Bbl/d
Final open flow 5184 MCF/d Final open flow * Bbl/d
Time of open flow between initial and final tests 11 Hours
Initial Flowing Pressure 4725 psig (surface pressure) after 672.50 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.

[Signature]
Signature

11-31-12
Date

2012 NOV 06 12
 RECEIVED
 OFFICE OF OIL & GAS

12/07/2012
Rev. (8/31/2012)

WELL: PHL4CHS (406157)

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 1/23. PERFED MARCELLUS @ 15275'-15376' W/ 48 SHOTS. SAND 267,900#, AVG PSI 8628, AVG RATE 75.6.
 7/6/2012 FRACED STAGE 2/23. PERFED MARCELLUS @ 15022'-15214' W/ 36 SHOTS. SAND 140,920#, AVG PSI 8661, AVG RATE 70.0.
 7/7/2012 FRACED STAGE 3/23. PERFED MARCELLUS @ 14722'-14973' W/ 36 SHOTS. SAND 214,660#, AVG PSI 8494, AVG RATE 55.0.
 7/7/2012 FRACED STAGE 4/23. PERFED MARCELLUS @ 14423'-14675' W/ 48 SHOTS. SAND 209,820#, AVG PSI 8371, AVG RATE 65.0.
 7/8/2012 FRACED STAGE 5/23. PERFED MARCELLUS @ 14121'-14375' W/ 36 SHOTS. SAND 254,260#, AVG PSI 8425, AVG RATE 50.2.
 7/8/2012 FRACED STAGE 6/23. PERFED MARCELLUS @ 13823'-14075' W/ 36 SHOTS. SAND 360,040#, AVG PSI 8577, AVG RATE 79.4.
 7/15/2012 FRACED STAGE 7/23. PERFED MARCELLUS @ 13523'-13775' W/ 36 SHOTS. SAND 350,080#, AVG PSI 8049, AVG RATE 61.9.
 7/16/2012 FRACED STAGE 8/23. PERFED MARCELLUS @ 13223'-13475' W/ 36 SHOTS. SAND 350,340#, AVG PSI 8481, AVG RATE 68.6.
 7/17/2012 FRACED STAGE 9/23. PERFED MARCELLUS @ 12923'-13175' W/ 36 SHOTS. SAND 353,580#, AVG PSI 8126, AVG RATE 59.6.
 7/17/2012 FRACED STAGE 10/23. PERFED MARCELLUS @ 12623'-12875' W/ 36 SHOTS. SAND 301,000#, AVG PSI 8692, AVG RATE 75.5.
 7/18/2012 FRACED STAGE 11/23. PERFED MARCELLUS @ 12323'-12574' W/ 36 SHOTS. SAND 357,340#, AVG PSI 8619, AVG RATE 74.5.
 7/19/2012 FRACED STAGE 12/23. PERFED MARCELLUS @ 11987'-12271' W/ 36 SHOTS. SAND 415,470#, AVG PSI 8510, AVG RATE 75.7.
 7/20/2012 FRACED STAGE 13/23. PERFED MARCELLUS @ 11507'-11618' W/ 36 SHOTS. SAND 350,200#, AVG PSI 8624, AVG RATE 92.2.
 7/25/2012 FRACED STAGE 14/23. PERFED MARCELLUS @ 11214'-11465' W/ 40 SHOTS. SAND 360,140#, AVG PSI 8430, AVG RATE 94.1.
 7/25/2012 FRACED STAGE 15/23. PERFED MARCELLUS @ 10915'-11170' W/ 36 SHOTS. SAND 353,000#, AVG PSI 8513, AVG RATE 93.6.
 7/25/2012 FRACED STAGE 16/23. PERFED MARCELLUS @ 10615'-10866' W/ 36 SHOTS. SAND 350,840#, AVG PSI 8630, AVG RATE 96.1.
 7/26/2012 FRACED STAGE 17/23. PERFED MARCELLUS @ 10316'-10567' W/ 36 SHOTS. SAND 350,020#, AVG PSI 8482, AVG RATE 83.0.
 7/26/2012 FRACED STAGE 18/23. PERFED MARCELLUS @ 10015'-10266' W/ 36 SHOTS. SAND 353,140#, AVG PSI 8528, AVG RATE 83.4.
 7/27/2012 FRACED STAGE 19/23. PERFED MARCELLUS @ 9716'-9967' W/ 36 SHOTS. SAND 350,080#, AVG PSI 8641, AVG RATE 88.0.
 7/27/2012 FRACED STAGE 20/23. PERFED MARCELLUS @ 9415'-9666' W/ 36 SHOTS. SAND 357,160#, AVG PSI 8586, AVG RATE 81.7.
 7/27/2012 FRACED STAGE 21/23. PERFED MARCELLUS @ 9118'-9366' W/ 36 SHOTS. SAND 354,100#, AVG PSI 8483, AVG RATE 83.7.
 7/27/2012 FRACED STAGE 22/23. PERFED MARCELLUS @ 8815'-9063' W/ 36 SHOTS. SAND 251,420#, AVG PSI 8379, AVG RATE 82.9.
 7/27/2012 FRACED STAGE 23/23. PERFED MARCELLUS @ 8515'-8766' W/ 36 SHOTS. SAND 434,500#, AVG PSI 8500, AVG RATE 95.6.

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			

GAMMA RAY/ FORMATION		
#PHL4CHS (406157)	47-001-03249H	
	TOPS	
	TOP	BASE
FORMATION TVD AT SURFACE LOCATION		
TULLY	7385	7488
LTD	15489	
HOLE NOT LOGGED UNTIL KICKOFF POINT		
BURKETT	7382	7385
HAMILTON	7488	7756
MARCELLUS	7756	