

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

DATE: 11/14/2012  
APP No: 47-001-03220H  
Lease No: DV014571; 071053; 070676; 70667; 70641; 70644

001-03220

Well Operator's Report of Well Work

Farm Name: MCCAULEY, RANDALL & JUDY Operator Well No. PHL13AHS (406847)

LOCATION: Elevation: 1520' Quadrangle: Philippi

District: Pleasant County: Barbour

Latitude: 11,766 Feet South of: 39 Deg. 15 Min. 00 Sec.  
Longitude: 15,389 Feet West of: 79 Deg. 57 Min. 30 Sec.

Company: CNX Gas Company LLC

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	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: 08/10/2011				
Date Well Work Commenced: 10/25/2011	20"	100'	100'	Grouted In
Date Well Work Completed: 11/12/2011				
Verbal Plugging:	13 3/8"	657.15'	657.15'	600 sks
Date Permission granted on:				
Rotary Cable Rig X	9 5/8"	2032'	2032'	630 sks
Total Vertical Depth (feet): 7830'				
Total Measured Depth (feet):				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): - N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 190', 230', 310'				
Void(s) encountered (N/Y) Depth(s)				

**OPEN FLOW DATA** 11/12/2011 - SET CEMENT PLUG WITH 615 SKS @ 6100'. VERTICAL AND HORIZONTAL DRILLING INCOMPLETE. PLAN ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING IN 2014.

Producing formation \* No Fracture / Completion Pay zone depth (ft) \_\_\_\_\_  
 Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow 0 Bbl/d  
 Final open flow \_\_\_\_\_ MCF/d Final open flow 0 Bbl/d  
 Time of open flow between initial and final tests 12 Hours  
 Static Rock Pressure \_\_\_\_\_ psig (surface pressure) after 12 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

\_\_\_\_\_  
Date

12/14/2012

WR-35  
 Rev (5-01)  
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WELL: PHL13AHS (406847)

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:

11/12/2011 NO FRACTURE.

VERTICAL AND HORIZONTAL DRILLING INCOMPLETE.

PLAN ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING IN 2014.

FORMATIONS ENCOUNTERED:

Fill	0	30	Sand/Shale	30	190	Coal	190	195	Sand/Clay	195	230
Sand/Shale	230	310	Coal	310	315	Sand/Shale	315	1045	Shale/RedRock	1045	

		GAMBIA BAY FORMATION TOPS	
		TOP	BASE
LITTLE LIME		1182	1170
BIG LIME		1188	1240
BIG INJUN		1240	1365
GANTZ		1550	1574
FOURTH SAND		2089	2118
WARREN		2520	2550
SPEECHLEY		2834	2873
BALLTOWN		2996	3024
RILEY		3720	3940
BENSON		4020	4085
FIRST ELK		4250	4302
SECOND ELK		4400	4480
THIRD ELK		4660	4680
FOURTH ELK		4934	4975
SYCAMORE GRIT		6298	6405
UN-NAMED SILTSTONE		6672	6760
FAULT		6803	
UN-NAMED SILTSTONE REPEAT		6850	6927
BURKETT		7339	7358
TULLY		7358	7419
HAMILTON		7419	7592
MARCELLUS		7592	7678
ONONDAGA		7678	7692
HUNTERSVILLE		7692	
TD		7830	

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NOTE: Well TD'd at 7830 ft and plugged back to 6100 ft with 615 sks Class A cement.