

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

DATE: 12 2 2012  
AP# No: 47-061-03223R 001.05222  
Lease No: 071053; DV014571; 070676;  
70667; 70641

Well Operator's Report of Well Work

Farm Name: MCCAULEY, RANDALL & JUDY Operator Well No. PHL13CHS (406851)

LOCATION: Elevation: 1520' Quadrangle: Philippi

District: Pleasant County: Barbour

Latitude: 11.846 Feet South of: 39 Deg. 15 Min. 00 Sec.  
Longitude: 3.625 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 Co. Ft.
Address: F.O. Box 1248 Jane Lew, WV 26378				
Agent: Kent Wright				
Inspector: Bryan Harris				
Date Permit Issued: 02/14/2011				
Date Well Work Commenced: 09/23/2011	20'	100'	100'	Grouted In
Date Well Work Completed: 10/07/2011				
Verbal Plugging:	13 3/8"	657.6'	657.6'	486 sks
Date Permission granted on:				
Rotary: Cable Rig X	9 5/8"	2080'	2080'	640 sks
Total Vertical Depth (feet): 6720'				
Total Measured Depth (feet):				
Fresh Water Depth (ft.): 30'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/A)? No				
Coal Depths (ft.): 190', 230', 310'				
Void(s) encountered (N/A) Depth(s)				

OPEN FLOW DATA 10/07/2011 - VERTICAL AND HORIZONTAL DRILLING PERMITTED BY PERMIT ON RECONVENING THE VERTICAL AND HORIZONTAL DRILLING IN 2011

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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 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

WR-35

Rev (5-01)

Page 2 of 2

WELL: PHL13CHS (406851)

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:

10/7/2011 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	
Limestone/Shale	1250	1325	Limestone/Sand	1325	1600	Sand/Shale	1600				

FORMATIONS ENCOUNTERED:

	TOP	BASE
LITTLE LIME	1162	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	6720	

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