

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

Well Operator's Report of Well Work

Farm name: CNX GAS COMPANY LLC Operator Well No.: SHL-6D-HS

LOCATION: Elevation 830.06' Quadrangle: MAJORSVILLE

District: SANDHILL County: MARSHALL

Latitude: Feet South of 39 Deg. 57 Min. 22.42 Sec.

Longitude Feet West of 80 Deg. 34 Min. 31.36 Sec.

Company:

CNX Gas Company LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 200 Evergreene Drive Waynesburg, PA 15370				
Agent: Ben Geary				
Inspector: Derek Haught				
Date Permit Issued: 01/03/2011				
Date Well Work Commenced: 07/28/2011	30"	80'	80'	Grouted in
Date Well Work Completed: 12/04/2011				
Verbal Plugging YES				
Date Permission granted on: 07/04/2011	*Experienced Hole Issues – Plugged to Surface* On 12/4/11 WNG #24 with the assistance of Appalachian Well Services plugged SHL-6D-HS API#47-5101418 from roughly ~330' to surface using 135bbl/630 sacks of cement. One 17.5" bit, one 17.5" hammer, one bit sub, two 6.5" collars, and one crossover were left downhole. Plugging operations were finished at 2:00PM 12/4/11			
Rotary X Cable Rig				
Total Depth (feet): 380'				
Fresh Water Depth (ft.): 40'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? Yes				
Coal Depths (ft.) <u>314'-320'</u>				

OPEN FLOW DATA

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

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**

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: BEN GEARY
By: BEN GEARY
Date: 12-14-11

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WELL: 47-5101418

Were core samples taken? Yes / No Were cuttings caught during drilling? Yes / No
Were Electrical Yes / No, Mechanical Yes / No, or Geophysical logs Yes / No recorded on this well?

NOTE: IN THE AREA BELOW PUT THE FOLLOWING:

- 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR PHYSICAL CHANGE, ETC.
- 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

PERFORATED INTERVALS, FRACTURING, OR STIMULATING:
FORMATIONS ENCOUNTERED:

GAMMA RAY /FORMATION TOPS

<u>FORMATION</u>	<u>TOP</u>	<u>BASE</u>
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Depths Determined By Drillers Log

<u>Depth</u>	<u>Formation</u>
112	Shale
130	sand/shale
172	sand/shale
202	sand
232	sand
262	sand/shale
292	sand
320	Pittsburgh Coal
326	Shale
352	sand
380	sand/shale

Formation Prog Tops
Actual Driller Samples

Intermediate Bond Log, Open Hole Log, & bottom hole mud log

01/20/2012