

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

*Top hole only*

Well Operator's Report of Well Work

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

LOCATION: Elevation 830.75' Quadrangle: MAJORSVILLE

District: SANDHILL County MARSHALL  
Latitude:        Feet South of 39 Deg. 57 Min. 22.24 Sec.  
Longitude        Feet West of 80 Deg. 34 Min. 31.25 Sec.

Company:  
CNX Gas Company LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<b>Address:</b> 200 Evergreene Drive Waynesburg, PA 15370				
<b>Agent:</b> Ben Geary				
<b>Inspector:</b> Derek Haught				
<b>Date Permit Issued:</b> 07/05/2011				
<b>Date Well Work Commenced:</b> 07/28/2011	30"	80'	80'	Grouted in
<b>Date Well Work Completed:</b> 11/29/2011				
<b>Verbal Plugging</b> N/A	13 3/8"	606'	606'	To Surface: 127 bbls pumped; 550 cement sks; 8 bbl returns
<b>Date Permission granted on:</b> N/A				
<b>Rotary X Cable Rig</b>	9 5/8"			To Surface: 208 bbl pumped; 909 sks; 20 bbl returns
<b>Total Depth (feet):</b> 2642'				
<b>Fresh Water Depth (ft.):</b> 40'				
<b>Salt Water Depth (ft.):</b> N/A				
<b>Is coal being mined in area (N/Y)?</b> Yes				
<b>Coal Depths (ft.)</b> <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,

RECEIVED  
Office of Oil & Gas

DEC 28 2011

WV Department of Environmental Protection

01/20/2012

Signed: Ben Gerry  
 By: BEN GERRY  
 Date: 12-14-11

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Rev (5-01)

WELL: 47-5101470

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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\***

<b>Depth</b>	<b>Formation</b>
112	Shale
130	sand/shale
172	sand/shale
202	sand
232	sand
262	sand/shale
292	sand
<b>320</b>	<b>Pittsburgh Coal</b>
326	Shale
352	sand
382	sand/shale
442	shale
502	sand/shale
562	shale/rr
615	sand/shale
712	shale
802	sand/shale
<b>949</b>	<b>Gas Sand Top</b>
982	shale
<b>1028</b>	<b>1st Salt Sand Top</b>
<b>1040</b>	<b>1st Salt Sand Base</b>
<b>1080</b>	<b>2nd Salt Sand Top</b>

1102	sand/shale
1129	<b>2nd Salt Sand Base</b>
1132	shale
1141	<b>3rd Salt Sand Top</b>
1162	sand/shale
1182	<b>3rd Salt Sand Base</b>
1192	sand/shale
1222	sand
1249	<b>Maxton Top</b>
1252	sand
1202	shale
1312	sand/shale
1339	<b>Maxton Base</b>
1342	sand
1345	<b>Greenbrier Big Lime Top</b>
1372	sand/shale
1391	<b>Loyalhanna Big Injun Top</b>
1402	shale
1458	<b>Pocono Big Injun Top</b>
1522	sand/shale
1571	<b>Pocono Big Injun Base</b>
1612	shale
1732	shale
1762	shale
1792	shale
1822	shale
1856	sand/shale
1871	<b>Berea Top</b>
1882	shale
1889	<b>Berea Base</b>
1912	sand/shale
1929	<b>Gantz Top</b>
1942	sand
1972	sand
1977	<b>Gantz Base</b>
2002	sand
2032	sand
2062	sand/shale
2092	sand/shale
2240	<b>Gordon Stray Top</b>
2260	<b>Gordon Stray Base</b>
2272	shale
2290	<b>Gordon Top</b>
2309	<b>Gordon Base</b>
2405	<b>Fifth Top</b>
2422	sand/shale
2439	<b>Fifth Base</b>
2452	shale
2452	sand/shale

2482	shale
2512	shale
2542	sand/shale
2642	sand/shale

Formation Prog Tops  
Actual Driller Samples

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