WR-35
Rev (5-01)

DATE: 11/16/11
API #: 47-5101472

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-6J-HS

LOCATION: Elevation 830' Quadrangle: MAJORSVILLE

District: SANDHILL County MARSHALL
Latitude: Feet South of 39 Deg. 57 Min. 22.06 Sec.
Longitude Feet West of 80 Deg. 34 Min. 31.13 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:** 07/05/2011 | | | | |
| **Date Well Work Commenced:** 07/28/2011 | 30" | 80' | 80' | Grouted in |
| **Date Well Work Completed:** 11/15/2011 | | | | |
| **Verbal Plugging** N/A | 13 3/8" | 617' | 617' | 660 sks |
| **Date Permission granted on:** 07/05/2011 | | | | |
| **Rotary X Cable Rig** | 9 5/8" | 2895' | 2895' | 948 sks |
| **Total Depth (feet):** 6148' | | | | |
| **Fresh Water Depth (ft.):** 200' | | | | |
| | | | | |
| **Salt Water Depth (ft.):** | | | | |
| | | | | |
| **Is coal being mined in area (N/Y)?** Yes | | | | |
| **Coal Depths (ft.)** 314'-320' | | | | |

OPEN FLOW DATA

RECEIVED
Office of Oil & Gas
DEC 23 2011
WV Department of
Environmental Protection

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: 11-16-11

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WELL: 47-5101472

**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

FORMATION TOP BASE

*Depths Determined By Drillers Log*

| Depth | Formation |
|---|---|
| 112 | Shale |
| 130 | sand/shale |
| 172 | sand/shale |
| 202 | sand |
| 232 | sand |
| 262 | sand/shale |
| 292 | sand |
| **320** | **Pittsburgh Coal** |
| 326 | Shale |
| 352 | sand |
| 382 | sand/shale |
| 442 | shale |
| 502 | sand/shale |
| 562 | shale/rr |
| 615 | sand/shale |
| 712 | shale |
| 802 | sand/shale |
| **949** | **Gas Sand Top** |
| 982 | shale |
| **1028** | **1st Salt Sand Top** |
| **1040** | **1st Salt Sand Base** |
| **1080** | **2nd Salt Sand Top** |
| 1102 | sand/shale |
| **1129** | **2nd Salt Sand Base** |
| 1132 | shale |
| **1141** | **3rd Salt Sand Top** |
| 1162 | sand/shale |
| **1182** | **3rd Salt Sand Base** |

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| | |
|---|---|
| 1192 | sand/shale |
| 1222 | sand |
| **1249** | **Maxton Top** |
| 1252 | sand |
| 1202 | shale |
| 1312 | sand/shale |
| **1339** | **Maxton Base** |
| 1342 | sand |
| **1345** | **Greenbrier Big Lime Top** |
| 1372 | sand/shale |
| **1391** | **Loyalhanna Big Injun Top** |
| 1402 | shale |
| **1458** | **Pocono Big Injun Top** |
| 1522 | sand/shale |
| **1571** | **Pocono Big Injun Base** |
| 1612 | shale |
| 1732 | shale |
| 1762 | shale |
| 1792 | shale |
| 1822 | shale |
| 1856 | sand/shale |
| **1871** | **Berea Top** |
| 1882 | shale |
| **1889** | **Berea Base** |
| 1912 | sand/shale |
| **1929** | **Gantz Top** |
| 1942 | sand |
| 1972 | sand |
| **1977** | **Gantz Base** |
| 2002 | sand |
| 2032 | sand |
| 2062 | sand/shale |
| 2092 | sand/shale |
| **2240** | **Gordon Stray Top** |
| **2260** | **Gordon Stray Base** |
| 2272 | shale |
| **2290** | **Gordon Top** |
| **2309** | **Gordon Base** |
| **2405** | **Fifth Top** |
| 2422 | sand/shale |
| **2439** | **Fifth Base** |
| 2452 | shale |
| 2452 | sand/shale |
| 2482 | shale |
| 2512 | shale |
| 2542 | sand/shale |
| 2692 | sand/shale |
| 2950 | sand/shale |
| 3000 | sand/shale |

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| | |
|---|---|
| 3030 | shale |
| 3090 | sand/shale |
| 3180 | sand |
| 3210 | sand/shale |
| 3480 | shale |
| 3810 | sand/shale |
| 4230 | sand |
| 4290 | shale |
| 4350 | sand/shale |
| 5070 | shale/rock |
| 5280 | shale |
| 5550 | sand/shale |
| 5610 | shale |
| 5700 | sand/shale |
| 5790 | shale |
| **5978** | **Burkett Shale** |
| **5999** | **Tully Top** |
| 6000 | shale |
| **6034** | **Hamilton Top** |
| 6060 | shale |
| **6141** | **Middle Marcellus** |
| 6148 | Marcellus |

Formation Prog Tops
Actual Driller Samples

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

01/20/2012