

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: _____
API #: 47-4702821

Farm name: Berwind Land Company Operator Well No.: CBM-MC138

LOCATION: Elevation: 2,267.18' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 6,810 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 6,505 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

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Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	29'	29'	n/a
Agent: John H. Johnston	7"	377.10'	377.10'	100 sks
Inspector: Gary L. Kennedy	4 1/2"	1,860.48'	1,860.48'	120 sks
Date Permit Issued: 7/18/2011				
Date Well Work Commenced: 12/21/2011				
Date Well Work Completed: 12/28/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,960 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 90 (damp)				
Salt Water Depth (ft.): n/a				
Is coal being mined in area (N/Y)?				
Coal Depths (ft.):				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation NO OPEN FLOW TEST CONDUCTED 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

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.

BF Myers Signature 5/1/12 Date
Buford Myers, Vice Pres- VA Gas Ops.

COMPANY CNX GAS CO LLC
 HOLE MC-138
 RIG #: 294
 LOCATION: BERWIND LAKE RD, WV

DATE STARTED: 12/21/2011
 DATE COMPLETED: 12/28/2011

ELECTRIC LOGGED: YES
 GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC.
0	29	29	29 OVERBURDEN
29	30	30	1 SAND/SHALE
30	60	60	30 SAND/SHALE
60	80	80	20 SAND/SHALE
80	81	81	1 COAL
81	90	90	9 SHALE
90	95	95	5 SHALE
95	96	96	1 COAL
96	120	120	24 SHALE/SAND
120	121	121	1 COAL
121	150	150	29 SHALE/SAND
150	180	180	30 SAND/SHALE
180	210	210	30 SAND/SHALE
210	240	240	30 SAND/SHALE
240	270	270	30 SAND/SHALE
270	280	280	10 SAND/SHALE
280	281	281	1 COAL
281	300	300	19 SHALE/SAND
300	330	330	30 SAND/SHALE
330	360	360	30 SAND/SHALE
360	390	390	30 SAND/SHALE
390	400	400	10 SAND/SHALE
400	430	430	30 SAND/SHALE
430	445	445	15 SAND/SHALE
445	446	446	1 COAL
446	460	460	14 SHALE/SAND
460	490	490	30 SAND/SHALE
490	520	520	30 SAND/SHALE
520	535	535	15 SAND/SHALE
535	536	536	1 COAL
536	550	550	14 SHALE/SAND
550	580	580	30 SAND/SHALE
580	581	581	1 COAL
581	605	605	24 SHALE/SAND/SHALE
605	606	606	1 COAL
606	610	610	4 SHALE
610	640	640	30 SHALE/SAND/SHALE
640	641	641	1 COAL
641	670	670	29 SHALE/SAND

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670	700	30 SAND/SHALE
700	725	25 SAND/SHALE
725	726	1 COAL
726	730	4 SHALE
730	760	30 SHALE/SAND
760	785	25 SAND/SHALE
785	786	1 COAL
786	790	4 SHALE
790	820	30 SAND/SHALE
820	850	30 SAND/SHALE
850	880	30 SAND/SHALE
880	910	30 SAND/SHALE
910	940	30 SAND/SHALE
940	941	1 COAL
941	970	29 SHALE/SAND
970	985	15 SAND/SHALE
985	986	1 COAL
986	1000	14 SAND/SHALE
1000	1025	25 SAND/SHALE
1025	1026	1 COAL
1026	1030	4 SAND/SHALE
1030	1058	28 SAND/SHALE
1058	1060	2 COAL
1060	1090	30 SAND/SHALE
1090	1120	30 SAND/SHALE
1120	1135	15 SAND/SHALE
1135	1136	1 COAL
1136	1150	14 SAND/SHALE
1150	1180	30 SAND/SHALE
1180	1205	25 SAND/SHALE
1205	1206	1 COAL
1206	1210	4 SAND/SHALE
1210	1240	30 SAND/SHALE
1240	1270	30 SAND/SHALE
1270	1300	30 SAND/SHALE
1300	1330	30 SAND/SHALE
1330	1337	7 SAND/SHALE
1337	1338	1 COAL
1338	1360	22 SAND/SHALE
1360	1375	15 SAND/SHALE
1375	1376	1 COAL
1376	1390	14 SAND/SHALE
1390	1420	30 SAND/SHALE
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1510	30 SAND/SHALE
1510	1527	17 SAND/SHALE
1527	1530	3 COAL/POCA-3
1530	1540	10 SAND/SHALE
1540	1570	30 SAND/SHALE
1570	1600	30 SAND/SHALE
1600	1630	30 SAND/SHALE

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1630	1660	30 SAND/SHALE
1660	1670	10 SAND/SHALE
1670	1671	1 COAL
1671	1690	19 SHALE/SAND
1690	1720	30 SAND/SHALE
1720	1750	30 SAND/SHALE
1750	1751	1 COAL
1751	1780	29 SHALE/SAND
1780	1810	30 SAND/SHALE
1810	1840	30 SAND/SHALE
1840	1870	30 SAND/SHALE/SAND
1870	1900	30 SAND/SHALE/SAND
1900	1930	30 SAND/SHALE
1930	1960	30 RED SHALE

1960' TOTAL DEPTH
 29' OF 13 3/8" CASING
 377.10' OF 7" CASING
 1860.48' OF 4 1/2" CASING

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STATE OF TEXAS
 DEPARTMENT OF ENVIRONMENTAL PROTECTION