

WR-35
Rev (8-10)

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

DATE: _____
API #: 47-4702822

Farm name: Berwind Land Company Operator Well No.: CBM-MC141

LOCATION: Elevation: 2,260.70' Quadrangle: War

District: Big Creek County: McDowell
Latitude: 12,090 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 6,480 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: CNX Gas Company LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
2481 John Nash Blvd., Bluefield, WV 24701	13 3/8"	10'	10'	n/a
Agent: John H. Johnston	7"	380.63'	380.63'	210 sks
Inspector: Gary L. Kennedy	4 1/2"	1,778.60'	1,778.60'	120 sks
Date Permit Issued: 6/17/2011				
Date Well Work Commenced: 8/29/2011				
Date Well Work Completed: 9/01/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,945 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): 100 (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

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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.

B. Myers
Signature

5/1/12
Date

Burford Myers, Vice Pres.-VA Gas ops.

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical, $\frac{Y}{Y/N}$ 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:

Formations Encountered: _____ / _____ Top Depth / _____ Bottom Depth
Surface:

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Well Number MC-141
 Completion Date 10/5/2011
 Total Depth 1946.76
 Permit Number 47-4702822

	Zone 1	Zone 2	Zone 3	Zone 4
			LH, P9A, P92, P9, P9L,	
Coals	P3, SJ2, SJ1	P4L, P5, P5R, COALS	P8, P81, COALS	SE, "BY", UH3, UH, MH
MC-141	MC-141	MC-141	MC-141	MC-141
Nitrogen (MSCF)	0.318	0.312	0.33	0.18
Water (BBLs)	175	180	204	196
Sand (SXS 20/40)	200	250	300	300
Sand (SXS 12/20)	52	56	52	52
Top Perf	1532	1318	994	571
Bottom Perf.	1738.5	1487	1144.5	741
# Perfs	20	28	32	32
Perf Size	0.45	0.45	0.45	0.45
Break. Press.	3314	2659	2021	1036
Avg. Rate	12.6	12.6	13.2	12.8
ISIP	1683	2537	972	644
Min	5	5	5	5
Min Press.	-	-	-	-
Avg. Press.	2830	2810	2580	1518
Stimulated	Y	Y	Y	Y
Stim. Date	10/5/2011	10/5/2011	10/5/2011	10/5/2011

Permittee CNX GAS LLC

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Exhibit A

Well Name: 11 CBM MC141
 SURFACE ELEV: 2260.70 EASTING: 1059973.25 NORTHING:
 352903.19

SEAM REMARKS	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)
CS	219.00	221.00	2041.70	2.00
US3	221.00	406.60	2039.70	185.60
	406.60	406.90	1854.10	0.30
	406.90	407.50	1853.80	0.60
COAL	407.50	407.70	1853.20	0.20
	407.70	502.00	1853.00	94.30
GC	502.00	502.90	1758.70	0.90
	502.90	571.40	1757.80	68.50
*SE	571.40	572.90	1689.30	1.50
	572.90	577.70	1687.80	4.80
*SE1	577.70	577.90	1683.00	0.20
	577.90	606.90	1682.80	29.00
*LS	606.90	607.20	1653.80	0.30
	607.20	643.20	1653.50	36.00
*BY	643.20	645.00	1617.50	1.80
	645.00	658.30	1615.70	13.30
*UH3	658.30	660.30	1602.40	2.00
	660.30	660.90	1600.40	0.60
*UH2	660.90	661.10	1599.80	0.20
	661.10	684.10	1599.60	23.00
*UH	684.10	684.60	1576.60	0.50
	684.60	684.90	1576.10	0.30
*UH	684.90	685.20	1575.80	0.30
	685.20	739.30	1575.50	54.10
*MH	739.30	740.90	1521.40	1.60
	740.90	816.80	1519.80	75.90
*C	816.80	816.90	1443.90	0.10
	816.90	833.00	1443.80	16.10
*P11	833.00	833.10	1427.70	0.10
	833.10	994.00	1427.60	160.90
*LH	994.00	995.10	1266.70	1.10
	995.10	1009.20	1265.60	14.10
*P9A	1009.20	1009.80	1251.50	0.60
	1009.80	1012.40	1250.90	2.60
*P92	1012.40	1013.00	1248.30	0.60
	1013.00	1031.10	1247.70	18.10
*P9	1031.10	1032.70	1229.60	1.60
	1032.70	1050.10	1228.00	17.40
*P9L	1050.10	1050.90	1210.60	0.80

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	1050.90	1074.90	1209.80	24.00
*P8	1074.90	1075.90	1185.80	1.00
	1075.90	1076.90	1184.80	1.00
*P81	1076.90	1077.10	1183.80	0.20
	1077.10	1120.00	1183.60	42.90
*COAL	1120.00	1120.60	1140.70	0.60
	1120.60	1143.20	1140.10	22.60
*COAL	1143.20	1144.20	1117.50	1.00
	1144.20	1175.70	1116.50	31.50
*COAL	1175.70	1175.90	1085.00	0.20
	1175.90	1202.00	1084.80	26.10
*COAL	1202.00	1202.20	1058.70	0.20
	1202.20	1290.80	1058.50	88.60
*COAL	1290.80	1290.90	969.90	0.10
	1290.90	1318.00	969.80	27.10
*COAL	1318.00	1319.40	942.70	1.40
	1319.40	1357.30	941.30	37.90
*COAL	1357.30	1359.10	903.40	1.80
	1359.10	1382.10	901.60	23.00
*P5R	1382.10	1383.80	878.60	1.70
	1383.80	1385.20	876.90	1.40
*COAL	1385.20	1385.30	875.50	0.10
	1385.30	1428.10	875.40	42.80
*P5	1428.10	1428.90	832.60	0.80
	1428.90	1486.00	831.80	57.10
*P4L	1486.00	1486.60	774.70	0.60
	1486.60	1532.10	774.10	45.50
*P3	1532.10	1534.10	728.60	2.00
	1534.10	1611.60	726.60	77.50
*COAL	1611.60	1611.90	649.10	0.30
	1611.90	1660.80	648.80	48.90
*COAL	1660.80	1660.90	599.90	0.10
	1660.90	1733.80	599.80	72.90
*P01	1733.80	1733.90	526.90	0.10
	1733.90	1734.70	526.80	0.80
*SJ3	1734.70	1734.80	526.00	0.10
	1734.80	1735.00	525.90	0.20
*SJ2	1735.00	1736.70	525.70	1.70
	1736.70	1738.00	524.00	1.30
*SJ1	1738.00	1738.50	522.70	0.50
	1738.50	1946.76	522.20	208.26

GAMMA-CALIPER LOG FROM 0.00 TO 385.00

GAMMA-DENSITY LOG FROM 385.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

FILE: C:\COMPLETE\MC141.CMP

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 200 UNIVERSITY AVENUE
 MARTINSBURG, WV

COMPANY: CNX GAS CO. LLC
 HOLE: MC-141
 RIG: 90
 LOCATION: WARRIOR MINE RD, WV

DATE STARTED: 8/29/2011
 DATE COMPLETED: 9/1/2011

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
	0	10	10 OVERBURDEN
	10	30	20 SAND/SHALE
	30	60	30 SAND/SHALE
	60	62	2 COAL
	62	90	28 SAND/SHALE
	90	120	30 SAND/SHALE
	120	150	30 SAND/SHALE
	150	180	30 SAND/SHALE
	180	210	30 SAND/SHALE
	210	240	30 SAND/SHALE
	240	270	30 SAND/SHALE
	270	300	30 SAND/SHALE
	300	320	20 SAND/SHALE
	320	322	2 COAL
	322	330	8 SAND
	330	360	30 SAND/SHALE
	360	390	30 SAND/SHALE
	390	400	10 SAND
	400	415	15 SAND/SHALE
	415	417	2 COAL
	417	430	13 SAND/SHALE
	430	460	30 SAND/SHALE
	460	490	30 SAND/SHALE
	490	520	30 SAND/SHALE
	520	548	28 SAND/SHALE
	548	550	2 COAL
	550	580	30 SAND/SHALE
	580	610	30 SAND/SHALE
	610	618	8 SAND
	618	620	2 COAL
	620	640	20 SAND/SHALE
	640	670	30 SAND/SHALE
	670	700	30 SAND/SHALE
	700	720	20 SAND/SHALE
	720	722	2 COAL
	722	730	8 SAND
	730	760	30 SAND/SHALE
	760	790	30 SAND/SHALE
	790	820	30 SAND/SHALE
	820	850	30 SAND/SHALE

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850	880	30 SAND/SHALE
880	910	30 SAND/SHALE
910	940	30 SAND/SHALE
940	968	28 SAND/SHALE
968	970	2 COAL
970	1000	30 SAND/SHALE
1000	1030	30 SAND/SHALE
1030	1060	30 SAND/SHALE
1060	1090	30 SAND/SHALE
1090	1118	28 SAND/SHALE
1118	1120	2 COAL
1120	1145	25 SAND/SHALE
1145	1146	1 COAL
1146	1150	4 SAND
1150	1180	30 SAND/SHALE
1180	1210	30 SAND/SHALE
1210	1240	30 SAND/SHALE
1240	1270	30 SAND/SHALE
1270	1300	30 SAND/SHALE
1300	1330	30 SAND/SHALE
1330	1360	30 SAND/SHALE
1360	1390	30 SAND/SHALE
1390	1420	30 SAND/SHALE
1420	1450	30 SAND/SHALE
1450	1480	30 SAND/SHALE
1480	1510	30 SANDY SHALE/SAND
1510	1534	24 SANDY SHALE
1534	1537	3 COAL P3???
1537	1540	3 SANDY SHALE
1540	1570	30 SANDY SHALE/SAND
1570	1600	30 SANDY SHALE/SAND
1600	1630	30 SANDY SHALE
1630	1660	30 SANDY SHALE
1660	1690	30 SAND/SANDY SHALE
1690	1720	30 SAND/SANDY SHALE
1720	1735	15 SANDY SHALE
1735	1737	2 COAL
1737	1750	13 SANDY SHALE/SAND
1750	1780	30 SANDY SHALE/SAND
1780	1810	30 SAND/SANDY SHALE
1810	1840	30 SANDY SHALE/SAND
1840	1870	30 SAND/SANDY SHALE
1870	1900	30 SANDY SHALE/SAND
1900	1930	30 SAND
1930	1945	15 SAND

1945 FT. TOTAL DEPTH
 10 FT. 13 3/8" CASING
 380 FT. OF 7" CASING
 1778.61 FT. OF 4 1/2" CASING

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