

WR-35
Rev (8-10)State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well WorkDATE: _____
API #: 47-4702818Farm name: Berwind Land Company Operator Well No.: CBM-MC135LOCATION: Elevation: 2,317.95' Quadrangle: WarDistrict: Big Creek County: McDowell
Latitude: 7.590 Feet South of 37 Deg. 17 Min. 30 Sec.
Longitude 2.400 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"	13'	13'	n/a
Agent: John H. Johnston	7"	380.69'	380.69'	125 sks
Inspector: Gary L. Kennedy	4 1/2"	1,796.27'	1,796.27'	120 sks
Date Permit Issued: 6/17/2011				
Date Well Work Commenced: 8/22/2011				
Date Well Work Completed: 8/25/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 1,990 DTD				
Total Measured Depth (ft):				
Fresh Water Depth (ft.): n/a				
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.



Signature

6/21/12

Date

Well Number	MC-135				
Completion Date	9/29/2011				
Total Depth	1957.18				
Permit Number	47-4702818				
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
Coals	SJ, P3	P5R, P6L, P6	P8, P9, P9A, LH	P11, MH, UH	"BY", SE, SE1, GC
MC-135	MC-135	MC-135	MC-135	MC-135	MC-135
Nitrogen (MSCF)	0.362	0.323	0.28	0.246	0.157
Water (BBLs)	151	126	155	135	122
Sand (SXS 20/40)	225	150	300	225	250
Sand (SXS 12/20)	55	50	53	56	61
Top Perf	1549.5	1333.5	996	738	523
Bottom Perf.	1761.5	1397.5	1104	905.5	660
# Perfs	16	16	28	16	28
Perf Size	0.45	0.45	0.45	0.45	0.45
Break. Press.	2984	2280	1792	2109	1515
Avg. Rate	12	11.7	12.7	12.9	12.9
ISIP	1841	1270	898	752	897
Min	5	5	5	5	5
Min Press.					
Avg. Press.	3129	2984	2378	1943	1345
Stimulated	Y	Y	Y	Y	Y
Stim. Date	9/29/2011	9/29/2011	9/29/2011	9/29/2011	9/29/2011

Permittee CNX GAS LLC

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Exhibit A

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Well Name: 11- M-C13-5
 SURFACE ELEV: 2317.95 EASTING: 1064194.95 NORTHING:
 357270.21

REMARKS	SEAM	DEPTH	DEPTH	ELEVATION	THK.
		FROM (FT)	TO (FT)	(TOSE)	(FT)
*T1		111.80	113.80	2206.15	2.00
		113.80	257.30	2204.15	143.50
*CS		257.30	258.40	2060.65	1.10
		258.40	259.30	2059.55	0.90
*CS1		259.30	259.90	2058.65	0.60
		259.90	429.20	2058.05	169.30
*US3		429.20	429.30	1888.75	0.10
		429.30	523.10	1888.65	93.80
*GC		523.10	524.10	1794.85	1.00
		524.10	583.40	1793.85	59.30
*SE2		583.40	585.00	1734.55	1.60
		585.00	585.40	1732.95	0.40
*SE		585.40	586.90	1732.55	1.50
		586.90	597.90	1731.05	11.00
*		597.90	598.10	1720.05	0.20
		598.10	657.90	1719.85	59.80
*BY		657.90	659.80	1660.05	1.90
		659.80	668.70	1658.15	8.90
*		668.70	669.00	1649.25	0.30
		669.00	738.20	1648.95	69.20
*UH		738.20	739.00	1579.75	0.80
		739.00	777.00	1578.95	38.00
*MH		777.00	778.80	1540.95	1.80
		778.80	903.00	1539.15	124.20
*		903.00	903.40	1414.95	0.40
		903.40	903.80	1414.55	0.40
*		903.80	903.90	1414.15	0.10
		903.90	904.30	1414.05	0.40
*P11		904.30	905.10	1413.65	0.80
		905.10	996.00	1412.85	90.90
*LH		996.00	996.60	1321.95	0.60
		996.60	1004.90	1321.35	8.30
*LH1		1004.90	1005.00	1313.05	0.10
		1005.00	1059.90	1312.95	54.90
*9A		1059.90	1060.50	1258.05	0.60
		1060.50	1061.10	1257.45	0.60
*PP		1061.10	1063.90	1256.85	2.80
		1063.90	1101.50	1254.05	37.60
*P8		1101.50	1102.60	1216.45	1.10

	1102.60	1103.00	1215.35	0.40
*P8	1103.00	1104.00	1214.95	1.00
	1104.00	1130.80	1213.95	26.80
*	1130.80	1131.10	1187.15	0.30
	1131.10	1161.10	1186.85	30.00
*	1161.10	1161.40	1156.85	0.30
	1161.40	1193.60	1156.55	32.20
*	1193.60	1193.90	1124.35	0.30
	1193.90	1222.10	1124.05	28.20
*	1222.10	1222.50	1095.85	0.40
	1222.50	1333.60	1095.45	111.10
*P6	1333.60	1334.40	984.35	0.80
	1334.40	1371.50	983.55	37.10
*P6L	1371.50	1372.70	946.45	1.20
	1372.70	1373.10	945.25	0.40
*	1373.10	1373.30	944.85	0.20
	1373.30	1395.60	944.65	22.30
*P5R	1395.60	1396.10	922.35	0.50
	1396.10	1396.50	921.85	0.40
*P5R	1396.50	1397.10	921.45	0.60
	1397.10	1438.40	920.85	41.30
*	1438.40	1438.50	879.55	0.10
	1438.50	1438.90	879.45	0.40
*P5	1438.90	1439.10	879.05	0.20
	1439.10	1549.50	878.85	110.40
*P3	1549.50	1551.70	768.45	2.20
	1551.70	1611.20	766.25	59.50
*	1611.20	1611.30	706.75	0.10
	1611.30	1629.80	706.65	18.50
*	1629.80	1629.90	688.15	0.10
	1629.90	1686.70	688.05	56.80
*	1686.70	1686.80	631.25	0.10
	1686.80	1760.00	631.15	73.20
*SJ	1760.00	1761.50	557.95	1.50
	1761.50	1957.18	556.45	195.68

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
FILE: C:\COMPLETE\MC135.CMP
DATE: 09/23/11

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COMPANY: CNX GAS CO. LLC
 HOLE: MC-135
 RIG: 90
 LOCATION:

DATE STARTED: 8/22/2011
 DATE COMPLETED: 8/25/2011

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DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION, VOIDS ETC
0		13	13 OVERBURDEN
13		30	17 SAND/SHALE
30		60	30 SAND/SHALE
60		70	10 SAND/SHALE
70		72	2 COAL
72		90	18 SAND/SHALE
90		99	9 SAND
99		101	2 COAL
101		120	19 SAND/SHALE
120		150	30 SAND/SHALE
150		180	30 SAND/SHALE
180		210	30 SAND/SHALE
210		220	10 SAND/SHALE
220		222	2 COAL
222		240	18 SAND/SHALE
240		270	30 SAND/SHALE
270		300	30 SAND/SHALE
300		330	30 SAND/SHALE
330		360	30 SAND/SHALE
360		388	28 SAND/SHALE
388		390	2 COAL
390		400	10 SAND
400		430	30 SAND/SHALE
430		460	30 SAND/SHALE
460		489	29 SAND/SHALE
489		490	1 COAL
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		638	28 SAND/SHALE
638		640	2 COAL
640		670	30 SAND/SHALE
670		700	30 SAND/SHALE
700		730	30 SAND/SHALE
730		750	20 SAND/SHALE
750		752	2 COAL
752		760	8 SAND/SHALE
760		790	30 SAND/SHALE

790	820	30 SAND/SHALE
820	850	30 SAND/SHALE
850	880	30 SAND/SHALE
880	900	20 SAND
900	902	2 COAL
902	910	8 SAND
910	940	30 SAND/SHALE
940	970	30 SAND/SHALE
970	1000	30 SAND/SHALE
1000	1030	30 SAND/SHALE
1030	1032	2 COAL
1032	1060	28 SAND/SHALE
1060	1075	15 SAND/SHALE
1075	1076	1 COAL
1076	1090	14 SAND/SHALE
1090	1120	30 SAND/SHALE
1120	1150	30 SAND/SHALE
1150	1180	30 SAND/SHALE
1180	1210	30 SAND/SHALE
1210	1240	30 SAND/SHALE
1240	1270	30 SAND/SHALE
1270	1288	18 SAND/SHALE
1288	1290	2 COAL
1290	1300	10 SAND
1300	1330	30 SAND/SHALE
1330	1360	30 SANDY SHALE/SAND
1360	1387	27 SANDY SHALE
1387	1390	3 COAL
1390	1420	30 SANDY SHALE
1420	1434	14 SANDY SHALE
1434	1436	2 COAL
1436	1450	14 SANDY SHALE/SAND
1450	1480	30 SAND
1480	1510	30 SAND
1510	1540	30 SAND
1540	1545	5 SANDY SHALE
1545	1547	2 COAL P-3 ?
1547	1570	23 SANDY SHALE/SAND
1570	1600	30 SANDY SHALE/SAND
1600	1630	30 SAND
1630	1660	30 SANDY SHALE/SAND
1660	1690	30 SAND/SANDY SHALE
1690	1720	30 SAND/SANDY SHALE
1720	1743	23 SAND
1743	1745	2 COAL
1745	1750	5 SAND
1750	1780	30 SANDY SHALE/SAND
1780	1810	30 SAND
1810	1840	30 SSAND
1840	1870	30 SAND/SHALE
1870	1900	30 SAND/SHALE
1900	1930	30 SAND/SHALE

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1930
1960

1960
1990

30 SAND/SHALE
30 SAND/SHALE RED

1990 FT. TOTAL DEPTH
13 FT. OF 13 3/8" CASING
380.69 FT. OF 7" CASING
1796.27 FT. OF 4 1/2" CASING

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