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	

name: Berwind Land Company	Operator Wel	ll No.: CBM-MC1	41	<u> </u>
ATION: Elevation: 2,260.70'	Quadrangle:	War		
District: Big Creek	County: McDe	owell		
Latitude: 12,090 Feet South of 37 Deg.	17 Min. 30 Sec.			
Longitude 6,480 Feet West of 81 Deg.	42 Min	. <u>30</u> Sec	•	
Dany: CNX Glas Company LLC	ه.			
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)				
PEN FLOW DATA (If more than two producing formatio	na mlaosa i- alaa	المراجعة الم	·	
Producing formation NO OPEN FLOW TEST CONDUCTED Pay 2		ie additional da	ta on separate si	leet)
Gas: Initial open flow MCF/d Oil: Initial open fl	- ' '-	ol/d		
Final open flow MCF/d Final open flow		1/d		
Time of open flow between initial and final tests			Em	_
Static rock Pressure psig (surface pressure) aff	terHour	r <b>s</b>		
Second producing formation Pay zon	ne depth (ft)			
Gas: Initial open flow MCF/d Oil: Initial open flow		ol/d	ŗ	
Final open flow MCF/d Final open flow		1/d	\$ / 9 3	11 14 15 15 15 15 15 15 15 15 15 15 15 15 15
Time of open flow between initial and final tests	Hours	/		< (. j.
Static rock Pressure psig (surface pressure) aft	terHour	rs "		
ify under penalty of law that I have personally examined a tachments and that, based on my inquiry of those individu formation is true, accurate, and complete.				
			a R	
Signature Buford Myers, Vi			Date	
Signature			Date	

were core samples taken? YesN		cuttings caught during	drilling? YesNo_^
Were $\frac{Y}{Y/N}$ Electrical, $\frac{Y}{Y/N}$ Mechanical	l, $\frac{Y}{Y/N}$ or Geophysical logs red	corded 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 COAR ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.			
Perforated Intervals, Fracturing, or Stimula	ating:		
Formations Encountered: Surface:	Top Depth	1	Bottom Depth

COMPANY:

CNX GAS CO. LLC

HOLE:

MC-141

RIG: LOCATION:

90 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		SAND/SHALE
	30	60	-	SAND/SHALE
	60	62		COAL
	62	90		SAND/SHALE
	90	120		SAND/SHALE
1	120	150		SAND/SHALE
	150	180		SAND/SHALE
1	180	210		SAND/SHALE
2	210	240		SAND/SHALE
2	240	270		SAND/SHALE
2	270	300		SAND/SHALE
3	300	320	20	SAND/SHALE
3	320	322	2	COAL
3	322	330	8	SAND
3	330	360	30	SAND/SHALE
3	360	390	30	SAND/SHALE
3	390	400	10	SAND
4	100	415	15	SAND/SHALE
4	115	417	2	COAL
4	117	430	13	SAND/SHALE
4	130	460	30	SAND/SHALE
4	160	490	30	SAND/SHALE
4	190	520	30	SAND/SHALE
5	520	548	28	SAND/SHALE
5	548	550	2	COAL
5	550	580	30	SAND/SHALE
5	580	610	30	SAND/SHALE
	510	618	8	SAND
	518	620		COAL
	320	640		SAND/SHALE
	340	670	30	SAND/SHALE
	370	700		SAND/SHALE
	<b>'</b> 00	720		SAND/SHALE
	<b>'</b> 20	722		COAL
	'22	730		SAND
	'30	760		SAND/SHALE
	'60	790		SAND/SHALE
	'90	820		SAND/SHALE
8	320	850	30	SAND/SHALE

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