



Commonwealth of Virginia
 Department of Mines, Minerals, and Energy
 Division of Gas and Oil
 P.O. Box 1416; Abingdon, VA 24212
 Telephone: (276) 676-5423

Tracking Number: 719
 Company: CNX Gas Company LLC
 File Number: BU-3518
 Operations Name: CBM BF104A W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/9/2007 Drilling Contractor: Noah Horn
 Date drilling completed: 7/13/2007 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,800
 Log Total Depth (feet): 2,807 Coal Seam At Total Depth PARDEE

2. Final Location Plat (as required by 4 VAC25-150-360.C.)

Permitted State Plane X 974,006 Final Plat State Plane X: 974,007
 Permitted State Plane Y: 290,976 Final Plat State Plane Y: 290,980

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	BF104A Plat.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure

Salt Water At:

Depth (in feet)	Rate	Unit of Measure

Coal Seams

List of Attached Items:

Description	FileName
Exhibit A	BF104A Exhibit A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas Show	BF104A Gas Show.xls

4. Electric Logs (As required by 4VAC25-150-280.A.)

List all logs run: Caliper, Gamma, Density, Temp, Deviation

Did logs disclose vertical locations of a coal seam? Yes No

5. Survey Results (As required by 4VAC25-150-280.B.2)

List of Attached Items:

Description	FileName
Deviation	BF104A Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casting	BF104a Casing.xls

7. Remarks

Use this space to note any conditions or occurrences, such as lost circulation, fishing jobs, junk left in hole, sidetracks, squeeze jobs, etc., not shown above. Include data and depth of condition/occurrence.

8. Drillers Log

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	BF104A Drill Data.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 10/10/2007 (Company)

Signed By: Leslie K. Arrington Title: Manager (Signature)

INTERNAL USE ONLY

Submit Date: 10/10/2007

Status: Inspr Approved

Date: 10/10/2007

Final PDF Date: 10/10/2007

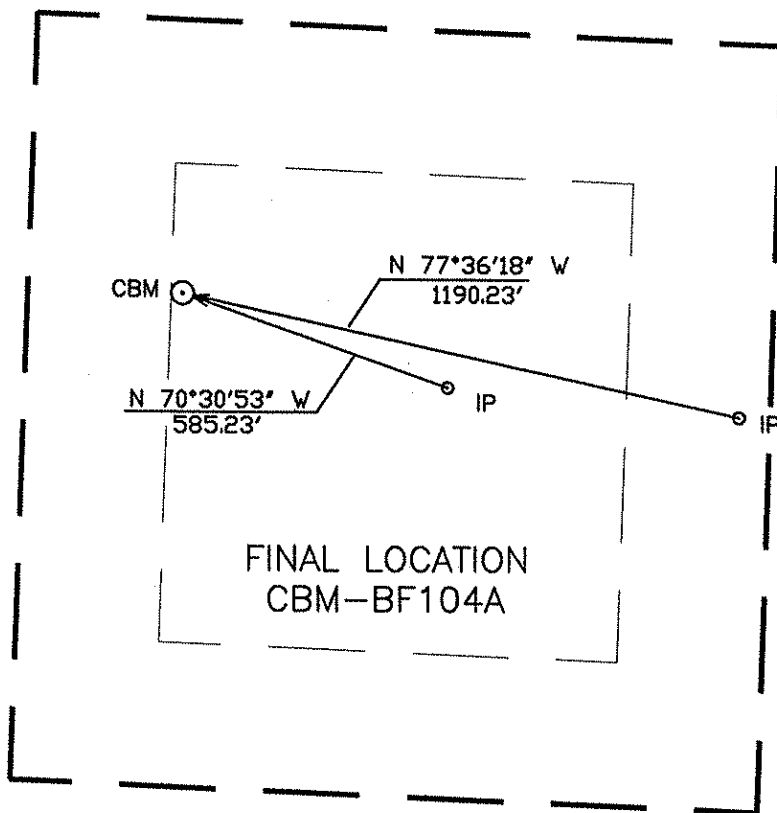
BEARING BASIS:
VIRGINIA STATE PLANE - SOUTH ZONE - NAD'27

LATITUDE: 37° 07' 30"

5210'

LONGITUDE: 82° 00' 00"

1205'



FINAL LOCATION
CBM-BF104A

NOTE:

THIS WELL WAS DRILLED WITHIN 10 FT. OF PROPOSED LOCATION
ACCORDING TO 4 VAC 25-150-290 AND 45.1-361.30.

THE ACTUAL WELL LOCATION WILL BE WITHIN 10 FEET OF THE PROPOSED LOCATION ACCORDING TO 4 VAC 25-150-290 AND 45.1-361.30

WELL LOCATION PLAT

BF104FNL
PGP30/188-602/26

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-BF104A

TRACT NUMBER TAZEWELL COAL & IRON QUADRANGLE BIG A MOUNTAIN

DISTRICT: HURRICANE

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 290,980.23 E 974,006.86

ELEVATION: 2652.21' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONECL INC BM'S

COUNTY BUCHANAN Scale: 1" = 400' Date 07-13-07

THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

+ Denotes the location of a well on United States Topographic Maps, scale to 24,000, latitude and longitude lines being represented by border lines as shown (optional).

Danny R. Price

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

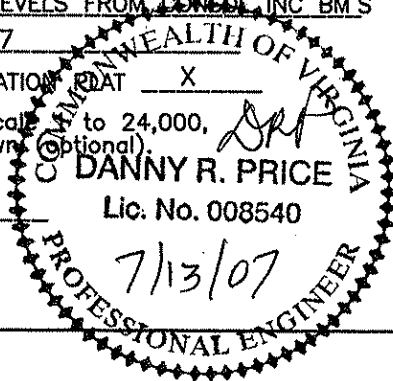


Exhibit A

Well Name: 07 CBM BF104A
 SURFACE ELEV: 2652.21 EASTING: 974006.86 NORTHING: 290980.23

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
COAL	75.90	77.50	2576.31	1.60	
	77.50	139.00	2574.71	61.50	
COAL	139.00	140.80	2513.21	1.80	
	140.80	146.90	2511.41	6.10	
COAL	146.90	147.80	2505.31	0.90	
	147.80	221.50	2504.41	73.70	
LB1	221.50	224.90	2430.71	3.40	
	224.90	379.90	2427.31	155.00	
KN1	379.90	381.00	2272.31	1.10	
	381.00	403.90	2271.21	22.90	
KN2	403.90	407.50	2248.31	3.60	
	407.50	544.10	2244.71	136.60	
AL1	544.10	544.20	2108.11	0.10	
	544.20	607.90	2108.01	63.70	
AL2	607.90	609.00	2044.31	1.10	
	609.00	625.30	2043.21	16.30	
COAL	625.30	625.50	2026.91	0.20	
	625.50	660.30	2026.71	34.80	
RA1	660.30	660.50	1991.91	0.20	
	660.50	712.80	1991.71	52.30	
RA2	712.80	714.90	1939.41	2.10	
	714.90	748.50	1937.31	33.60	
RA3	748.50	748.90	1903.71	0.40	
	748.90	773.10	1903.31	24.20	
COAL	773.10	773.70	1879.11	0.60	
	773.70	870.00	1878.51	96.30	
JB1	870.00	872.20	1782.21	2.20	
	872.20	872.90	1780.01	0.70	
JB2	872.90	873.00	1779.31	0.10	
	873.00	897.10	1779.21	24.10	
JB3	897.10	898.50	1755.11	1.40	
	898.50	954.10	1753.71	55.60	
T2	954.10	954.70	1698.11	0.60	
	954.70	1031.90	1697.51	77.20	
*T1	1031.90	1032.90	1620.31	1.00	
	1032.90	1037.30	1619.31	4.40	
*TI	1037.30	1038.60	1614.91	1.30	
	1038.60	1183.10	1613.61	144.50	
*US1	1183.10	1183.90	1469.11	0.80	
	1183.90	1185.10	1468.31	1.20	
*LC2	1185.10	1186.00	1467.11	0.90	
	1186.00	1187.80	1466.21	1.80	
*LC3	1187.80	1188.00	1464.41	0.20	
	1188.00	1188.20	1464.21	0.20	
*LC4	1188.20	1190.40	1464.01	2.20	
	1190.40	1336.10	1461.81	145.70	
*GC1	1336.10	1336.70	1316.11	0.60	
	1336.70	1336.90	1315.51	0.20	

*GC1	1336.90	1337.90	1315.31	1.00
	1337.90	1469.90	1314.31	132.00
*SE2	1469.90	1470.80	1182.31	0.90
	1470.80	1524.70	1181.41	53.90
*LS1	1524.70	1525.50	1127.51	0.80
	1525.50	1525.70	1126.71	0.20
*LS2	1525.70	1525.90	1126.51	0.20
	1525.90	1588.00	1126.31	62.10
*LS3	1588.00	1590.50	1064.21	2.50
	1590.50	1645.10	1061.71	54.60
*UH2	1645.10	1647.00	1007.11	1.90
	1647.00	1668.30	1005.21	21.30
*UH3	1668.30	1669.30	983.91	1.00
	1669.30	1706.10	982.91	36.80
*MH1	1706.10	1707.10	946.11	1.00
	1707.10	1786.90	945.11	79.80
*MH2	1786.90	1787.40	865.31	0.50
	1787.40	1833.00	864.81	45.60
*P11	1833.00	1835.80	819.21	2.80
	1835.80	1842.80	816.41	7.00
*P10	1842.80	1843.10	809.41	0.30
	1843.10	1847.30	809.11	4.20
*LH1	1847.30	1849.00	804.91	1.70
	1849.00	1902.70	803.21	53.70
*LH3	1902.70	1904.30	749.51	1.60
	1904.30	1932.00	747.91	27.70
*P91	1932.00	1933.90	720.21	1.90
	1933.90	1986.00	718.31	52.10
*P81	1986.00	1986.90	666.21	0.90
	1986.90	1987.20	665.31	0.30
*P81	1987.20	1987.60	665.01	0.40
	1987.60	1988.20	664.61	0.60
*P82	1988.20	1988.80	664.01	0.60
	1988.80	1994.30	663.41	5.50
*P71	1994.30	1995.00	657.91	0.70
	1995.00	2045.50	657.21	50.50
*COAL	2045.50	2045.90	606.71	0.40
	2045.90	2046.80	606.31	0.90
*COAL	2046.80	2047.70	605.41	0.90
	2047.70	2120.50	604.51	72.80
*COAL	2120.50	2121.00	531.71	0.50
	2121.00	2156.30	531.21	35.30
*COAL	2156.30	2156.50	495.91	0.20
	2156.50	2156.90	495.71	0.40
*COAL	2156.90	2157.20	495.31	0.30
	2157.20	2171.00	495.01	13.80
*COAL	2171.00	2171.50	481.21	0.50
	2171.50	2347.80	480.71	176.30
*P41	2347.80	2348.50	304.41	0.70
	2348.50	2375.10	303.71	26.60
*P43	2375.10	2375.30	277.11	0.20
	2375.30	2446.30	276.91	71.00
*P31	2446.30	2447.10	205.91	0.80
	2447.10	2464.70	205.11	17.60
*P32	2464.70	2465.80	187.51	1.10
	2465.80	2466.10	186.41	0.30
*P33	2466.10	2466.40	186.11	0.30
	2466.40	2515.00	185.81	48.60

*P34	2515.00	2515.80	137.21	0.80
	2515.80	2587.20	136.41	71.40
*P01	2587.20	2587.90	65.01	0.70
	2587.90	2596.70	64.31	8.80
*COAL	2596.70	2597.00	55.51	0.30
	2597.00	2658.90	55.21	61.90
*SJ3	2658.90	2659.10	-6.69	0.20
	2659.10	2806.88	-6.89	147.78

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS WELL'S PROXIMITY TO BARON FORK.

GAMMA-CALIPER LOG FROM 0 TO 501.00

GAMMA-DENSITY LOG FROM 501.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

FILE: D:\PROJECTS\VP_JJK\GAS\BF104A.CMP

DATE: 08/27/07

Well: BF104A

Oil & Gas Show

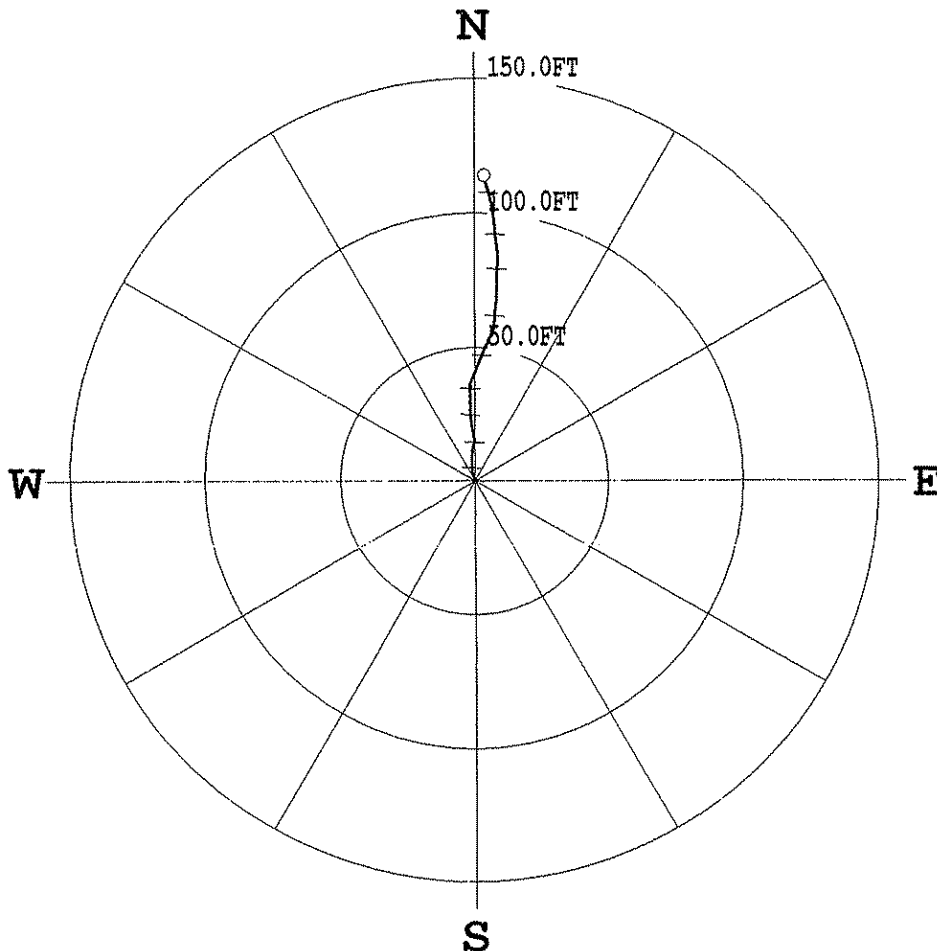
Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure	Hours Tested
Lee/Norton	1032	1933	901			
Pocahontas	2464	2466	2			
Total IPF				Not Taken		

COMPU-LOG DEVIATION

CLIENT: CONSOL ENERGY
 LOCATION:
 HOLE ID: 07-CNX-BF-104A
 DATE OF LOG: 07/12/07
 PROBE: 9136CH 1279



SCALE: 50 FT/IN
 TRUE DEPTH: 2803.79 F
 AZIMUTH: 1.9
 DISTANCE: 113.9 FT
 + = 300 FT INCR
 O = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : CONSOL ENERGY	HOLE ID. : 07-CNX-BF-104
FIELD OFFICE : O'DRISCOLL	DATE OF LOG : 07/12/07
DATA FROM :	PROBE : 9136CH , 1279
MAG. DECL. : -7.100	DEPTH UNITS : FEET
LOG: 07-CNX-BF-104A_07-12-07_22-27_9136CH_10_0.00_2806.70_DEVI.log	

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
0.50	0.50	0.00	0.00	0.0	0.0	0.0	0.0
10.00	10.00	0.00	0.00	0.0	18.4	0.2	50.9
20.00	20.00	-0.00	0.00	0.0	139.8	0.2	231.5
30.00	30.00	0.03	0.01	0.0	20.4	0.3	23.7
40.00	40.00	0.09	0.03	0.1	15.9	0.5	6.2
50.00	50.00	0.19	0.03	0.2	10.0	0.7	1.1
60.00	60.00	0.32	0.02	0.3	3.9	0.9	345.0
70.00	70.00	0.47	-0.02	0.5	357.3	0.9	341.9
80.00	80.00	0.61	-0.09	0.6	351.3	1.0	325.6
90.00	89.99	0.72	-0.19	0.7	345.5	0.7	323.2
100.00	99.99	0.81	-0.26	0.9	342.0	0.7	314.3
110.00	109.99	0.86	-0.32	0.9	339.8	0.5	318.3
120.00	119.99	0.93	-0.34	1.0	339.9	0.5	0.3
130.00	129.99	1.05	-0.35	1.1	341.8	1.3	4.8
140.00	139.99	1.29	-0.39	1.3	343.4	1.1	342.2
150.00	149.99	1.51	-0.46	1.6	343.1	1.4	330.0
160.00	159.98	1.66	-0.55	1.8	341.7	0.8	337.4
170.00	169.98	1.78	-0.62	1.9	340.9	0.9	338.1
180.00	179.98	1.90	-0.66	2.0	340.9	0.9	350.5
190.00	189.98	2.08	-0.68	2.2	341.8	1.2	0.9
200.00	199.98	2.35	-0.72	2.5	342.9	1.5	356.4
210.00	209.97	2.62	-0.77	2.7	343.7	1.4	350.9
220.00	219.97	2.88	-0.82	3.0	344.2	1.4	0.3
230.00	229.97	3.13	-0.88	3.3	344.2	1.2	333.8
240.00	239.96	3.35	-0.96	3.5	344.0	1.3	342.1
250.00	249.96	3.53	-1.00	3.7	344.2	1.1	336.1
260.00	259.96	3.73	-1.03	3.9	344.5	1.4	352.1

130.00	129.99	1.00	-0.33	1.1	341.0	1.0	341.0
140.00	139.99	1.29	-0.39	1.3	343.4	1.1	342.2
150.00	149.99	1.51	-0.46	1.6	343.1	1.4	330.0
160.00	159.98	1.66	-0.55	1.8	341.7	0.8	337.4
170.00	169.98	1.78	-0.62	1.9	340.9	0.9	338.1
180.00	179.98	1.90	-0.66	2.0	340.9	0.9	350.5
190.00	189.98	2.08	-0.68	2.2	341.8	1.2	0.9
200.00	199.98	2.35	-0.72	2.5	342.9	1.5	356.4
210.00	209.97	2.62	-0.77	2.7	343.7	1.4	350.9
220.00	219.97	2.88	-0.82	3.0	344.2	1.4	0.3
230.00	229.97	3.13	-0.88	3.3	344.2	1.2	333.8
240.00	239.96	3.35	-0.96	3.5	344.0	1.3	342.1
250.00	249.96	3.53	-1.00	3.7	344.2	1.1	336.1
260.00	259.96	3.73	-1.03	3.9	344.5	1.4	358.1
270.00	269.96	4.03	-1.05	4.2	345.4	1.7	355.4
280.00	279.95	4.34	-1.07	4.5	346.2	1.8	352.8
290.00	289.95	4.64	-1.10	4.8	346.7	1.9	352.6
300.00	299.94	4.86	-1.14	5.0	346.8	0.8	2.6
310.00	309.94	5.06	-1.15	5.2	347.2	1.2	359.0
320.00	319.94	5.33	-1.14	5.4	347.9	1.9	355.4
330.00	329.93	5.73	-1.14	5.8	348.7	2.2	358.6
340.00	339.92	6.12	-1.14	6.2	349.5	2.2	351.5
350.00	349.92	6.43	-1.14	6.5	349.9	1.9	358.7
360.00	359.91	6.73	-1.15	6.8	350.3	1.4	357.7
370.00	369.91	6.97	-1.14	7.1	350.7	1.8	3.7
380.00	379.90	7.30	-1.13	7.4	351.2	2.0	1.0
390.00	389.90	7.67	-1.11	7.7	351.8	2.0	357.7
400.00	399.89	7.96	-1.11	8.0	352.1	1.2	1.8
410.00	409.89	8.30	-1.10	8.4	352.5	2.0	2.1
420.00	419.88	8.66	-1.09	8.7	352.8	2.1	16.3
430.00	429.87	8.97	-1.10	9.0	353.0	1.5	1.3
440.00	439.87	9.21	-1.10	9.3	353.2	1.3	359.6
450.00	449.87	9.44	-1.09	9.5	353.4	1.3	0.5
460.00	459.87	9.68	-1.08	9.7	353.7	1.3	4.1
470.00	469.86	10.00	-1.05	10.1	354.0	2.0	2.6
480.00	479.85	10.36	-1.04	10.4	354.3	2.1	3.2
490.00	489.85	10.69	-1.05	10.7	354.4	1.9	359.7
500.00	499.85	10.96	-1.06	11.0	354.5	1.4	354.5
510.00	509.84	11.32	-0.98	11.4	355.0	2.2	2.7
520.00	519.83	11.70	-0.91	11.7	355.5	2.3	9.5
530.00	529.82	12.14	-0.85	12.2	356.0	2.6	9.4
540.00	539.81	12.56	-0.74	12.6	356.6	2.5	54.8
550.00	549.80	12.83	-0.59	12.8	357.4	2.2	336.7
560.00	559.79	13.18	-0.51	13.2	357.8	2.2	330.4
570.00	569.79	13.58	-0.46	13.6	358.1	2.3	355.5
580.00	579.78	13.97	-0.41	14.0	358.3	2.4	40.1
590.00	589.77	14.31	-0.26	14.3	359.0	2.3	9.5
600.00	599.76	14.29	-0.02	14.3	359.9	2.2	81.3
610.00	609.75	14.61	-0.09	14.6	359.7	2.0	338.9
620.00	619.75	14.97	-0.07	15.0	359.7	2.3	8.1
630.00	629.74	15.34	-0.17	15.3	359.4	2.1	348.9
640.00	639.73	15.71	-0.22	15.7	359.2	2.1	348.6
650.00	649.73	16.06	-0.33	16.1	358.8	2.0	331.2
660.00	659.72	16.42	-0.35	16.4	358.8	2.4	358.8
670.00	669.71	16.82	-0.42	16.8	358.6	2.4	346.6
680.00	679.70	17.20	-0.56	17.2	358.1	2.3	333.5
690.00	689.69	17.60	-0.58	17.6	358.1	2.4	349.4
700.00	699.68	18.00	-0.62	18.0	358.0	2.3	11.1
710.00	709.68	18.39	-0.63	18.4	358.0	2.2	310.5
720.00	719.67	18.65	-0.75	18.7	357.7	2.1	26.9
730.00	729.66	19.01	-0.80	19.0	357.6	2.1	325.3
740.00	739.66	19.30	-0.89	19.3	357.4	2.3	61.3
750.00	749.65	19.66	-0.85	19.7	357.5	2.1	347.9
760.00	759.64	19.99	-0.99	20.0	357.2	2.1	338.6
770.00	769.63	20.36	-1.01	20.4	357.1	2.3	17.6
780.00	779.63	20.75	-1.07	20.8	357.0	2.2	355.6
790.00	789.62	21.12	-1.15	21.1	356.9	2.2	345.7
800.00	799.61	21.49	-1.19	21.5	356.8	2.2	352.7
810.00	809.61	21.85	-1.33	21.9	356.5	2.2	340.0
820.00	819.60	22.22	-1.35	22.3	356.5	2.2	8.9
830.00	829.59	22.60	-1.42	22.6	356.4	2.1	352.2
840.00	839.58	22.96	-1.48	23.0	356.3	2.1	339.1
850.00	849.58	23.33	-1.48	23.4	356.4	2.2	344.6
860.00	859.57	23.68	-1.54	23.7	356.3	2.1	19.4
870.00	869.56	23.96	-1.69	24.0	356.0	1.9	294.4
880.00	879.56	24.21	-1.60	24.3	356.2	2.6	17.8
890.00	889.55	24.51	-1.74	24.6	355.9	1.8	347.3
900.00	899.55	24.84	-1.75	24.9	356.0	1.9	347.7
910.00	909.54	25.18	-1.75	25.2	356.0	2.1	341.3
920.00	919.53	25.51	-1.80	25.6	356.0	1.9	11.7
930.00	929.53	25.85	-1.81	25.9	356.0	2.0	347.9
940.00	939.52	26.18	-1.84	26.2	356.0	1.9	7.1
950.00	949.52	26.51	-1.87	26.6	356.0	1.9	11.6
960.00	959.51	26.86	-1.86	26.9	356.0	1.9	6.5
970.00	969.51	27.19	-1.87	27.3	356.1	1.9	0.2
980.00	979.50	27.51	-1.87	27.6	356.1	1.8	359.0
990.00	989.50	27.82	-1.88	27.9	356.1	1.7	354.1
1000.00	999.49	28.12	-1.88	28.2	356.2	1.7	2.8
1010.00	1009.49	28.43	-1.89	28.5	356.2	1.7	352.6
1020.00	1019.48	28.72	-1.90	28.8	356.2	1.7	358.3
1030.00	1029.48	29.03	-1.91	29.1	356.2	1.7	345.4
1040.00	1039.47	29.34	-1.85	29.4	356.4	2.2	18.7
1050.00	1049.46	29.70	-1.88	29.8	356.4	1.9	353.3
1060.00	1059.46	30.03	-1.86	30.1	356.5	2.0	15.9
1070.00	1069.45	30.38	-1.84	30.4	356.5	1.9	2.5
1080.00	1079.45	30.72	-1.79	30.8	356.7	2.0	5.9
1090.00	1089.44	31.06	-1.78	31.1	356.7	1.9	5.4

1020.00	1019.48	28.72	-1.90	28.8	356.2	1.7	358.3
1030.00	1029.48	29.03	-1.91	29.1	356.2	1.7	345.4
1040.00	1039.47	29.34	-1.85	29.4	356.4	2.2	18.7
1050.00	1049.46	29.70	-1.88	29.8	356.4	1.9	353.3
1060.00	1059.46	30.03	-1.86	30.1	356.5	2.0	15.9
1070.00	1069.45	30.38	-1.84	30.4	356.5	1.9	2.5
1080.00	1079.45	30.72	-1.79	30.8	356.7	2.0	5.9
1090.00	1089.44	31.06	-1.78	31.1	356.7	1.9	5.4
1100.00	1099.43	31.40	-1.78	31.5	356.7	1.9	358.8
1110.00	1109.43	31.72	-1.87	31.8	356.6	1.9	305.4
1120.00	1119.42	31.92	-1.79	32.0	356.8	2.5	63.4
1130.00	1129.41	32.24	-1.81	32.3	356.8	2.1	21.1
1140.00	1139.41	32.56	-1.89	32.6	356.7	2.2	351.6
1150.00	1149.40	32.87	-1.76	32.9	356.9	2.2	297.1
1160.00	1159.39	33.22	-1.79	33.3	356.9	2.2	340.8
1170.00	1169.38	33.52	-2.03	33.6	356.5	2.2	342.9
1180.00	1179.38	33.79	-1.77	33.8	357.0	2.4	8.4
1190.00	1189.37	34.16	-1.88	34.2	356.9	2.1	320.6
1200.00	1199.36	34.45	-1.73	34.5	357.1	2.2	47.3
1210.00	1209.35	34.77	-1.76	34.8	357.1	2.2	358.8
1220.00	1219.35	35.13	-1.68	35.2	357.3	2.3	20.0
1230.00	1229.34	35.47	-1.58	35.5	357.4	1.9	48.2
1240.00	1239.33	35.58	-1.73	35.6	357.2	2.0	246.2
1250.00	1249.32	35.66	-1.98	35.7	356.8	2.8	11.9
1260.00	1259.31	36.12	-1.79	36.2	357.2	3.1	22.9
1270.00	1269.30	36.58	-1.60	36.6	357.5	2.8	23.3
1280.00	1279.29	37.04	-1.40	37.1	357.8	2.8	22.5
1290.00	1289.27	37.49	-1.22	37.5	358.1	2.8	23.7
1300.00	1299.26	37.95	-1.04	38.0	358.4	2.9	21.8
1310.00	1309.25	38.40	-0.85	38.4	358.7	2.8	22.0
1320.00	1319.24	38.86	-0.67	38.9	359.0	2.8	19.3
1330.00	1329.23	39.31	-0.50	39.3	359.3	2.7	24.0
1340.00	1339.21	39.76	-0.33	39.8	359.5	2.8	25.2
1350.00	1349.20	40.21	-0.15	40.2	359.8	2.9	19.1
1360.00	1359.19	40.66	0.03	40.7	0.0	2.9	22.0
1370.00	1369.18	41.12	0.23	41.1	0.3	2.7	24.3
1380.00	1379.17	41.57	0.40	41.6	0.6	2.8	25.8
1390.00	1389.15	42.01	0.58	42.0	0.8	2.7	22.1
1400.00	1399.14	42.46	0.77	42.5	1.0	2.8	18.8
1410.00	1409.13	42.90	0.93	42.9	1.2	2.7	26.2
1420.00	1419.12	43.34	1.12	43.4	1.5	2.9	20.0
1430.00	1429.11	43.80	1.28	43.8	1.7	2.7	20.0
1440.00	1439.10	44.24	1.47	44.3	1.9	2.9	20.1
1450.00	1449.08	44.71	1.66	44.7	2.1	2.8	22.3
1460.00	1459.07	45.17	1.82	45.2	2.3	2.7	17.2
1470.00	1469.06	45.63	1.97	45.7	2.5	2.7	36.7
1480.00	1479.05	46.07	2.17	46.1	2.7	3.0	17.7
1490.00	1489.04	46.54	2.37	46.6	2.9	2.9	19.8
1500.00	1499.02	47.02	2.57	47.1	3.1	2.9	21.8
1510.00	1509.01	47.48	2.79	47.6	3.4	3.0	27.8
1520.00	1519.00	47.96	2.97	48.1	3.5	2.8	23.0
1530.00	1528.98	48.42	3.16	48.5	3.7	3.0	22.9
1540.00	1538.97	48.87	3.37	49.0	3.9	2.9	22.5
1550.00	1548.96	49.34	3.57	49.5	4.1	2.8	24.8
1560.00	1558.95	49.78	3.77	49.9	4.3	2.8	22.8
1570.00	1568.93	50.23	3.96	50.4	4.5	2.8	23.2
1580.00	1578.92	50.68	4.17	50.9	4.7	2.9	28.1
1590.00	1588.91	51.12	4.39	51.3	4.9	2.8	24.6
1600.00	1598.90	51.56	4.61	51.8	5.1	2.8	29.1
1610.00	1608.89	52.01	4.82	52.2	5.3	2.8	25.0
1620.00	1618.87	52.44	5.03	52.7	5.5	2.8	29.1
1630.00	1628.86	52.87	5.24	53.1	5.7	2.7	32.7
1640.00	1638.85	53.29	5.45	53.6	5.8	2.7	23.6
1650.00	1648.84	53.74	5.64	54.0	6.0	2.9	20.2
1660.00	1658.83	54.17	5.89	54.5	6.2	2.9	26.3
1670.00	1668.81	54.63	6.10	55.0	6.4	2.8	28.2
1680.00	1678.80	55.06	6.32	55.4	6.5	2.8	22.3
1690.00	1688.79	55.53	6.50	55.9	6.7	2.9	25.1
1700.00	1698.78	55.99	6.66	56.4	6.8	2.8	14.7
1710.00	1708.76	56.48	6.79	56.9	6.9	2.9	12.7
1720.00	1718.75	56.97	6.94	57.4	6.9	3.1	14.9
1730.00	1728.74	57.50	7.04	57.9	7.0	3.1	11.0
1740.00	1738.72	58.01	7.16	58.5	7.0	3.1	3.2
1750.00	1748.71	58.56	7.20	59.0	7.0	3.3	2.7
1760.00	1758.69	59.14	7.30	59.6	7.0	3.7	0.5
1770.00	1768.67	59.74	7.38	60.2	7.0	3.5	9.2
1780.00	1778.65	60.37	7.44	60.8	7.0	3.7	4.2
1790.00	1788.63	61.00	7.49	61.5	7.0	3.6	8.4
1800.00	1798.61	61.64	7.55	62.1	7.0	3.7	0.1
1810.00	1808.59	62.29	7.61	62.8	7.0	3.6	8.9
1820.00	1818.57	62.93	7.66	63.4	6.9	3.7	3.5
1830.00	1828.55	63.56	7.67	64.0	6.9	3.5	3.1
1840.00	1838.53	64.17	7.75	64.6	6.9	3.6	0.5
1850.00	1848.51	64.81	7.78	65.3	6.8	3.6	6.9
1860.00	1858.49	65.45	7.83	65.9	6.8	3.7	7.0
1870.00	1868.47	66.10	7.91	66.6	6.8	3.8	6.1
1880.00	1878.45	66.75	7.95	67.2	6.8	3.7	2.5
1890.00	1888.42	67.39	8.01	67.9	6.8	3.6	7.1
1900.00	1898.40	68.03	8.03	68.5	6.7	3.6	6.3
1910.00	1908.38	68.65	8.08	69.1	6.7	3.7	3.9
1920.00	1918.37	69.27	8.14	69.7	6.7	3.6	6.1
1930.00	1928.35	69.88	8.16	70.4	6.7	3.5	1.6
1940.00	1938.33	70.48	8.22	71.0	6.6	3.5	8.5
1950.00	1948.31	71.09	8.24	71.6	6.6	3.4	0.4
1960.00	1958.29	71.67	8.27	72.1	6.6	3.4	358.7
1970.00	1968.28	72.25	8.29	72.7	6.5	3.3	2.2

1890.00	1888.42	67.39	6.04	67.2	6.7	3.6	6.3
1900.00	1898.40	68.03	6.03	68.5	6.7	3.7	6.3
1910.00	1908.38	68.65	6.08	69.1	6.7	3.7	3.9
1920.00	1918.37	69.27	6.14	69.7	6.7	3.6	6.1
1930.00	1928.35	69.88	6.16	70.4	6.7	3.5	1.6
1940.00	1938.33	70.48	6.22	71.0	6.6	3.5	8.5
1950.00	1948.31	71.09	6.24	71.6	6.6	3.4	0.4
1960.00	1958.29	71.67	6.27	72.1	6.6	3.4	358.7
1970.00	1968.28	72.25	6.29	72.7	6.5	3.3	2.2
1980.00	1978.26	72.82	6.30	73.3	6.5	3.2	0.8
1990.00	1988.24	73.37	6.30	73.8	6.5	3.1	353.1
2000.00	1998.23	73.91	6.33	74.4	6.4	3.1	2.7
2010.00	2008.21	74.46	6.34	74.9	6.4	3.1	1.5
2020.00	2018.20	75.00	6.35	75.5	6.4	3.1	0.8
2030.00	2028.19	75.54	6.37	76.0	6.3	3.1	0.7
2040.00	2038.17	76.07	6.38	76.5	6.3	3.0	1.5
2050.00	2048.16	76.59	6.39	77.1	6.3	2.9	6.7
2060.00	2058.14	77.12	6.42	77.6	6.2	3.0	356.2
2070.00	2068.13	77.63	6.43	78.1	6.2	2.9	0.1
2080.00	2078.12	78.13	6.47	78.6	6.2	2.9	3.8
2090.00	2088.10	78.65	6.49	79.1	6.2	2.9	3.7
2100.00	2098.09	79.15	6.52	79.6	6.1	2.9	3.8
2110.00	2108.08	79.65	6.52	80.1	6.1	2.8	350.3
2120.00	2118.07	80.12	6.54	80.6	6.1	2.7	13.0
2130.00	2128.05	80.61	6.59	81.1	6.1	2.8	3.1
2140.00	2138.04	81.08	6.63	81.5	6.1	2.6	0.4
2150.00	2148.03	81.52	6.59	82.0	6.0	2.5	352.8
2160.00	2158.03	81.93	6.62	82.4	6.0	2.4	356.0
2170.00	2168.01	82.28	6.62	82.7	6.0	2.4	4.1
2180.00	2178.01	82.62	6.66	83.1	6.0	2.7	359.4
2190.00	2188.00	83.06	6.65	83.5	5.9	2.4	359.6
2200.00	2197.99	83.49	6.65	83.9	5.9	2.5	359.2
2210.00	2207.98	83.93	6.64	84.4	5.9	2.5	358.1
2220.00	2217.97	84.37	6.63	84.8	5.8	2.5	354.4
2230.00	2227.96	84.80	6.61	85.2	5.8	2.5	357.3
2240.00	2237.95	85.22	6.59	85.6	5.8	2.4	354.1
2250.00	2247.94	85.63	6.55	86.1	5.7	2.4	353.7
2260.00	2257.93	86.05	6.50	86.5	5.6	2.4	341.1
2270.00	2267.92	86.47	6.44	86.9	5.6	2.3	346.9
2280.00	2277.91	86.88	6.37	87.3	5.5	2.5	359.2
2290.00	2287.90	87.30	6.35	87.7	5.5	2.4	347.6
2300.00	2297.90	87.71	6.30	88.1	5.4	2.4	0.2
2310.00	2307.89	88.12	6.26	88.5	5.4	2.5	356.1
2320.00	2317.88	88.53	6.20	88.9	5.3	2.3	358.4
2330.00	2327.87	88.93	6.13	89.3	5.2	2.4	339.3
2340.00	2337.86	89.32	6.09	89.7	5.2	2.2	356.4
2350.00	2347.85	89.74	6.05	90.1	5.1	2.5	352.8
2360.00	2357.84	90.15	6.00	90.5	5.1	2.2	358.3
2370.00	2367.84	90.57	7.94	90.9	5.0	2.4	349.5
2380.00	2377.83	90.99	7.89	91.3	5.0	2.4	349.2
2390.00	2387.82	91.43	7.82	91.8	4.9	2.5	351.2
2400.00	2397.81	91.87	7.78	92.2	4.8	2.6	355.1
2410.00	2407.80	92.32	7.73	92.6	4.8	2.6	353.5
2420.00	2417.79	92.76	7.67	93.1	4.7	2.6	354.3
2430.00	2427.78	93.21	7.60	93.5	4.7	2.7	351.9
2440.00	2437.77	93.51	7.57	93.8	4.6	2.5	345.5
2450.00	2447.76	93.76	7.56	94.1	4.6	2.8	342.6
2460.00	2457.75	94.15	7.56	94.5	4.6	2.7	0.9
2470.00	2467.73	94.61	7.49	94.9	4.5	2.8	348.4
2480.00	2477.72	95.10	7.46	95.4	4.5	2.9	356.3
2490.00	2487.71	95.58	7.40	95.9	4.4	2.7	358.8
2500.00	2497.70	96.06	7.34	96.3	4.4	2.8	339.5
2510.00	2507.69	96.52	7.29	96.8	4.3	2.6	346.7
2520.00	2517.68	96.98	7.21	97.2	4.3	2.8	353.2
2530.00	2527.67	97.46	7.19	97.7	4.2	2.8	352.3
2540.00	2537.65	97.97	7.14	98.2	4.2	3.0	349.6
2550.00	2547.64	98.47	7.05	98.7	4.1	3.0	352.8
2560.00	2557.63	98.99	7.00	99.2	4.0	3.1	356.2
2570.00	2567.61	99.53	6.93	99.8	4.0	3.1	353.2
2580.00	2577.60	100.06	6.86	100.3	3.9	3.1	1.3
2590.00	2587.58	100.41	6.81	100.6	3.9	3.3	358.0
2600.00	2597.57	100.80	6.82	101.0	3.9	3.3	359.5
2610.00	2607.55	101.38	6.74	101.6	3.8	3.6	354.1
2620.00	2617.53	101.97	6.66	102.2	3.7	3.4	345.2
2630.00	2627.51	102.55	6.55	102.8	3.7	3.4	342.8
2640.00	2637.49	103.15	6.40	103.3	3.6	3.6	342.4
2650.00	2647.47	103.78	6.29	104.0	3.5	3.7	345.2
2660.00	2657.45	104.43	6.11	104.6	3.4	4.0	346.1
2670.00	2667.43	105.12	5.98	105.3	3.3	4.2	351.5
2680.00	2677.40	105.82	5.81	106.0	3.1	4.3	348.7
2690.00	2687.37	106.55	5.58	106.7	3.0	4.2	346.7
2700.00	2697.34	107.24	5.38	107.4	2.9	4.3	336.0
2710.00	2707.32	107.93	5.16	108.1	2.7	4.0	354.8
2720.00	2717.29	108.63	4.97	108.7	2.6	4.3	336.2
2730.00	2727.26	109.32	4.78	109.4	2.5	3.9	347.8
2740.00	2737.24	109.98	4.57	110.1	2.4	4.1	337.9
2750.00	2747.22	110.65	4.37	110.7	2.3	4.0	339.5
2760.00	2757.19	111.32	4.19	111.4	2.2	3.9	343.2
2770.00	2767.17	111.96	3.99	112.0	2.0	3.8	340.5
2780.00	2777.15	112.61	3.75	112.7	1.9	3.9	355.7
2790.00	2787.12	113.24	3.61	113.3	1.8	4.0	351.8
2800.00	2797.10	113.69	3.51	113.7	1.8	3.5	59.0
2806.70	2803.79	113.83	3.76	113.9	1.9	3.4	71.5

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: BF-104A

LOCATION: LEWIS LOW GAP

DRILL RIG #: 40

DATE STARTED: 07-09-07

DATED COMPLETED: 07-13-07

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH	THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC
0	22	22	OVERBURDEN
22	60	38	SANDY SHALE
60	150	90	SANDY SHALE/COAL/SANDY SHALE
150	210	60	SANDY SHALE
210	240	30	SANDY SHALE/COAL/SANDY SHALE
240	270	30	SAND
270	300	30	SAND/COAL/SANDY SHALE
300	330	30	SANDY SHALE/COAL
330	390	60	SANDY SHALE
390	420	30	SANDY SHALE/COAL/SANDY SHALE
420	450	30	SANDY SHALE
450	480	30	SANDY SHALE/COAL
480	510	30	SANDY SHALE/COAL
510	515	5	SANDY SHALE
515	575	60	SANDY SHALE/COAL/SANDY SHALE
575	605	30	SANDY SHALE
605	665	60	SANDY SHALE/COAL/SANDY SHALE
665	725	60	SANDY SHALE
725	815	90	SANDY SHALE/COAL/SANDY SHALE
815	875	60	SANDY SHALE/COAL
875	935	60	SANDY SHALE
935	965	30	SANDY SHALE/COAL/COAL
965	995	30	SANDY SHALE
995	1025	30	SAND/SANDY SHALE
1025	1055	30	SANDY SHALE/COAL/SANDY SHALE
1055	1145	90	SAND
1145	1205	60	SAND/COAL/SANDY SHALE
1205	1235	30	SAND
1235	1265	30	SANDY SHALE/COAL/SAND
1265	1325	60	SAND/COAL/SAND
1325	1355	30	SAND
1355			
1355	1415	60	SAND/SHALE
1415	1475	60	SAND/SHALE/COAL
1475	1505	30	SAND/SHALE
1505	1595	90	SAND/SHALE/COAL
1595	1625	30	SAND
1625	1715	90	SAND/SHALE/COAL
1715	1775	60	SAND
1775	1805	30	SAND/SHALE/COAL
1805	1835	30	SAND
1835	1865	30	SAND/SHALE/COAL

1865	1895	30	SAND
1895	1930	35	SAND/SHALE/COAL
1930	1960	30	SAND
1960	2020	60	SAND/COAL
2020	2260	240	SAND
2260	2290	30	SAND/SANDY SHALE
2290	2320	30	SAND
2320	2350	30	SAND/COAL/SANDY SHALE
2350	2380	30	SAND/COAL/SAND
2380			
2380	2410	30	SAND
2410	2440	30	SAND/SHALE/COAL
2440	2467	27	SAND/SHALE
2467	2469	2	P-3 SEAM (MAYBE P-3)
2469	2470	1	SAND
2470	2500	30	SAND/SHALE/COAL-SOME COAL
2500	2560	60	SAND/SHALE/COAL
2560	2590	30	SAND/SHALE
2590	2620	30	SAND/SHALE/COAL
2620	2650	30	SAND
2650	2680	30	SAND/SHALE/COAL
2680	2800	120	SAND

2800' - TOTAL DEPTH
22' - 13 3/8" CASING
489.50' - 7" CASING
2616.46' - 4 1/2" CASING