



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: 753  
Company: CNX Gas Company LLC  
File Number: BU-3446  
Operations Name: CBM F11 W/PL  
Operation Type: Coalbed/Pipeline  
Drilling Report Type: Original

### DRILLING REPORT (DGO-GO-14)

#### 1. Drilling Data

Date drilling commenced: 5/30/2007      Drilling Contractor: Noah Horn  
Date drilling completed: 6/5/2007      Rig Type:  Rotary     Cable Tool  
Driller's Total Depth (feet): 2,290  
Log Total Depth (feet): 2,265      Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X: 964,483      Final Plat State Plane X: 964,478  
Permitted State Plane Y: 357,118      Final Plat State Plane Y: 357,120

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	F11 Plat.pdf

#### 3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
1,770	Damp	GPM

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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**Coal Seams**

List of Attached Items:

Description	FileName
Exhibit A	F11 Exhibit A.pdf

**Gas and Oil Shows**

List of Attached Items:

Description	FileName
Gas Show	F11 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	F11 Deviation.pdf

**6. Casing and Tubing Program**

List of Attached Items:

Description	FileName
Casing	F11 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	F11 Drill Data.pdf

**9. Comments**

**10. Signature**

Permitee: CNX Gas Company LLC Date: 10/12/2007 (Company)

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

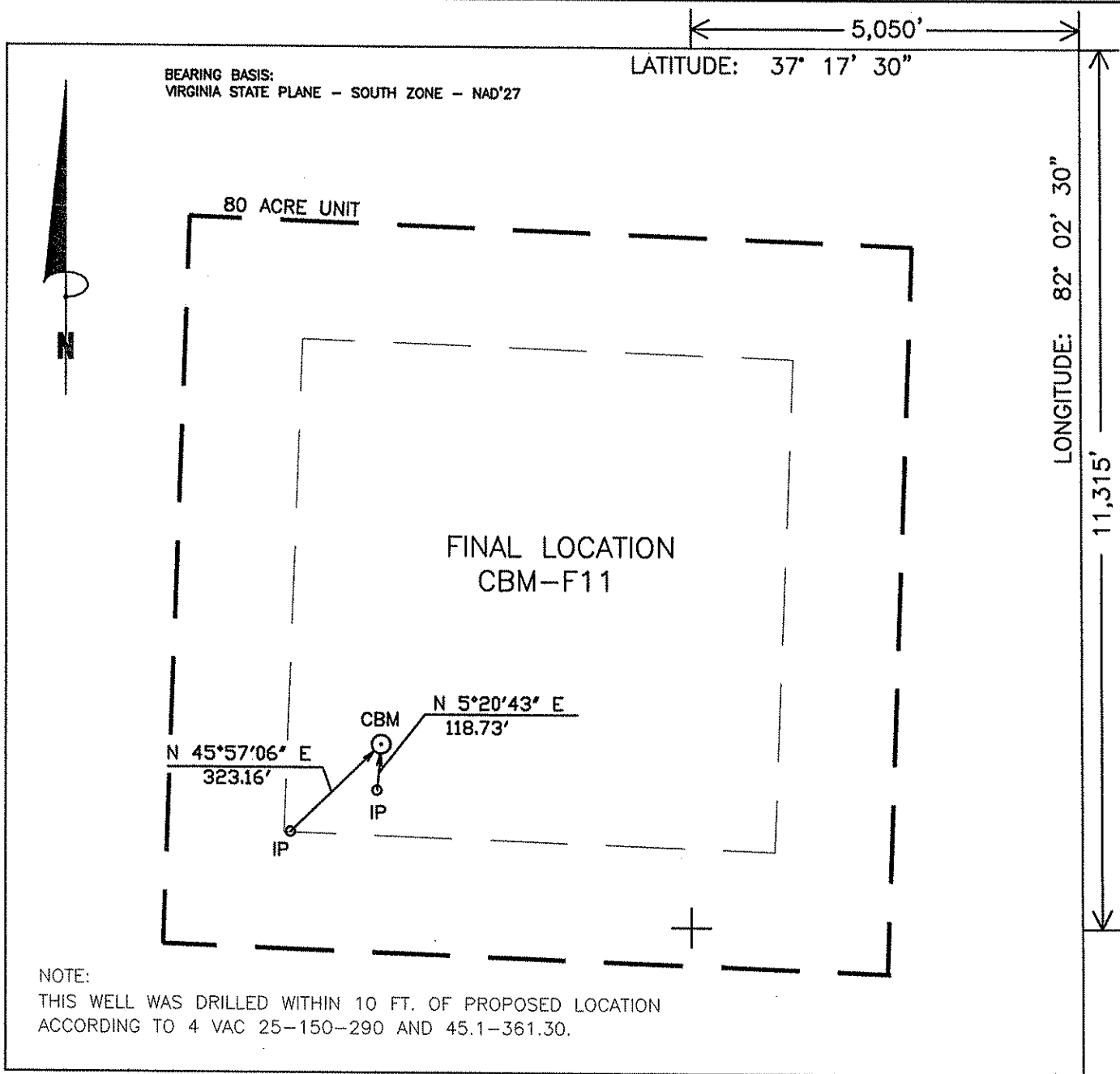
**INTERNAL USE ONLY**

Submit Date: 10/12/2007

Status: Inspr Approved

Date: 10/15/2007

Final PDF Date: 10/16/2007



## WELL LOCATION PLAT

F11FNL  
1N15/154-596/28

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-F11  
 TRACT NUMBER CONSOLIDATION COAL CO. QUADRANGLE GRUNDY  
 DISTRICT: SOUTH GRUNDY

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 357,119.59 E 964,477.76  
 ELEVATION: 2193.19' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S  
 COUNTY BUCHANAN Scale: 1" = 400' Date 06-01-07

THIS PLAT IS A NEW PLAT \_\_\_\_\_; AN UPDATED PLAT \_\_\_\_\_; OR A FINAL LOCATION PLAT X

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

*D.R. Price*

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

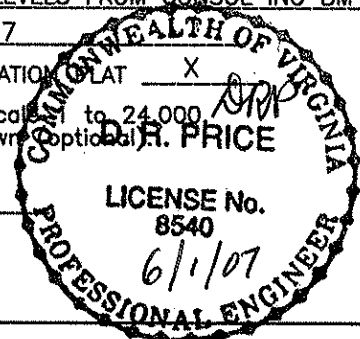


Exhibit A

Well Name: 07 CBM F11

SURFACE ELEV: 2193.19 EASTING: 964477.76 NORTHING: 357119.59

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
COAL	90.90	91.90	2102.29	1.00	
	91.90	214.00	2101.29	122.10	
SD2	214.00	216.00	1979.19	2.00	
	216.00	232.10	1977.19	16.10	
SD3	232.10	233.20	1961.09	1.10	
	233.20	243.20	1959.99	10.00	
COAL	243.20	244.30	1949.99	1.10	
	244.30	252.20	1948.89	7.90	
COAL	252.20	254.20	1940.99	2.00	
	254.20	357.00	1938.99	102.80	
LB1	357.00	357.70	1836.19	0.70	
	357.70	412.00	1835.49	54.30	
LB2	412.00	412.90	1781.19	0.90	
	412.90	557.70	1780.29	144.80	
KN2	557.70	560.00	1635.49	2.30	
	560.00	650.70	1633.19	90.70	
AL1	650.70	651.50	1542.49	0.80	
	651.50	674.80	1541.69	23.30	
AL2	674.80	676.10	1518.39	1.30	
	676.10	738.20	1517.09	62.10	
RA2	738.20	739.70	1454.99	1.50	
	739.70	844.80	1453.49	105.10	
JB1	844.80	845.70	1348.39	0.90	
	845.70	882.90	1347.49	37.20	
JB3	882.90	884.20	1310.29	1.30	
	884.20	962.10	1308.99	77.90	
T1	962.10	962.60	1231.09	0.50	
	962.60	963.00	1230.59	0.40	
T1	963.00	963.80	1230.19	0.80	
	963.80	1061.50	1229.39	97.70	
US1	1061.50	1062.10	1131.69	0.60	
	1062.10	1074.90	1131.09	12.80	
*US2	1074.90	1075.60	1118.29	0.70	
	1075.60	1239.80	1117.59	164.20	
*SE2	1239.80	1240.70	953.39	0.90	
	1240.70	1271.40	952.49	30.70	
*LS1	1271.40	1272.20	921.79	0.80	
	1272.20	1349.10	920.99	76.90	
*UH1	1349.10	1349.30	844.09	0.20	
	1349.30	1525.10	843.89	175.80	
*P11	1525.10	1526.90	668.09	1.80	
	1526.90	1554.50	666.29	27.60	
*P10	1554.50	1555.50	638.69	1.00	
	1555.50	1602.50	637.69	47.00	
*LH3	1602.50	1604.10	590.69	1.60	
	1604.10	1655.70	589.09	51.60	
*P92	1655.70	1656.10	537.49	0.40	

	1656.10	1712.00	537.09	55.90
*P81	1712.00	1712.80	481.19	0.80
	1712.80	2005.70	480.39	292.90
*P3	2005.70	2006.70	187.49	1.00
	2006.70	2007.00	186.49	0.30
*P3	2007.00	2009.50	186.19	2.50
	2009.50	2038.50	183.69	29.00
*P21	2038.50	2038.70	154.69	0.20
	2038.70	2290.00	154.49	251.30

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS  
WELL'S PROXIMITY TO WATKINS BRANCH.

GAMMA-CALIPER LOG FROM 0 TO 662.00

GAMMA-DENSITY LOG FROM 662.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

FILE: H:\JIMHAZ~1\PROJECTS\GAS\F11.CMP

DATE: 06/29/07

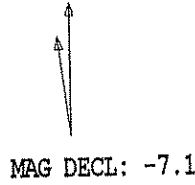
Well: F11

**Oil & Gas Show**

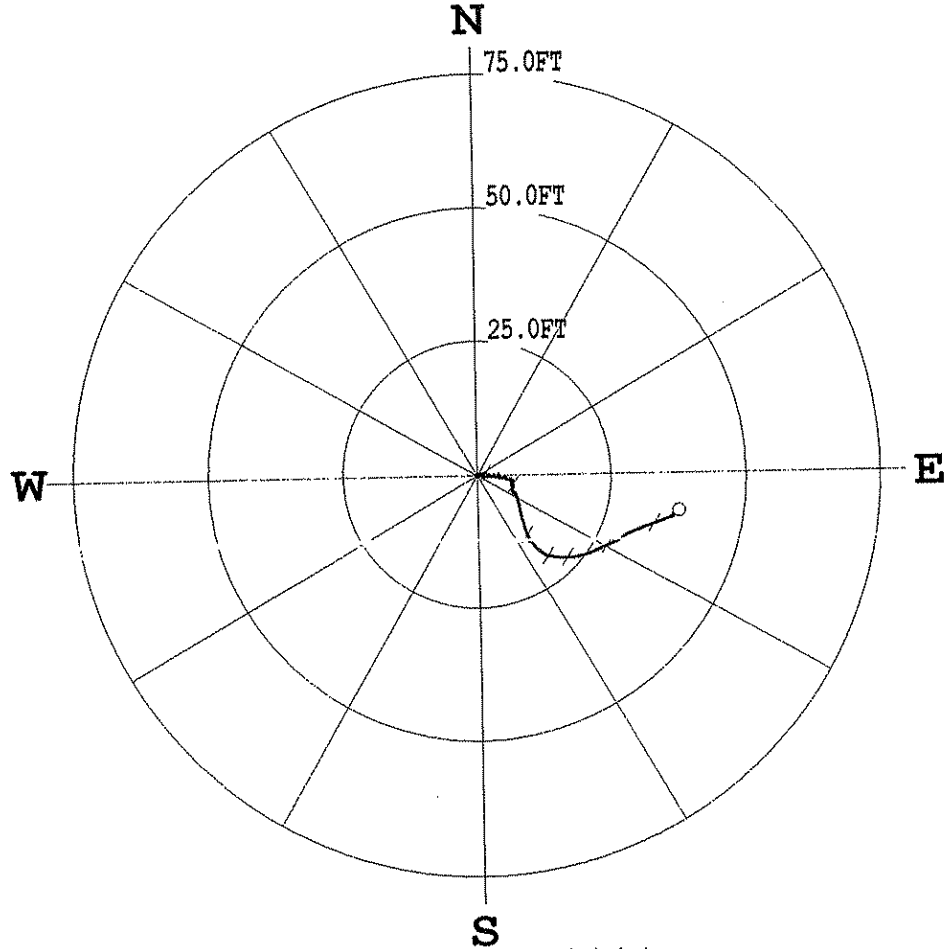
Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure	Hours Tested
Lee/Norton	1525	1604	79			
Pocahontas	2005	2009	4			
Total IPF				62.8		

# COMPU-LOG DEVIATION

CLIENT: CNX-GAS  
 LOCATION: -  
 HOLE ID: 07-CNX-F-11  
 DATE OF LOG: 06/05/07  
 PROBE: 9136CH 1244



SCALE: 25 FT/IN  
 TRUE DEPTH: 2264.0:  
 AZIMUTH: 100.6  
 DISTANCE: 38.0 FT  
 + = 300 FT INCR  
 ○ = BOTTOM OF HOLE



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

CLIENT : CNX-GAS  
 FIELD OFFICE : O'DRISCOLL  
 DATA FROM : -  
 MAG. DECL. : -7.100  
 HOLE ID. : 07-CNX-F-11  
 DATE OF LOG : 06/05/07  
 PROBE : 9136CH , 1244  
 DEPTH UNITS : FEET  
 LOG: 07-CNX-F-11\_06-05-07\_04-13\_9136CH\_10\_0.00\_2265.30\_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
6.60	6.60	-0.00	-0.00	0.0	249.8	1.9	249.8
10.00	10.00	-0.02	-0.09	0.1	257.3	1.9	31.2
20.00	19.99	-0.07	0.08	0.1	128.4	2.0	76.9
30.00	29.99	-0.14	0.14	0.2	134.2	1.9	291.0
40.00	39.98	-0.04	-0.07	0.1	242.8	1.9	268.1
50.00	49.98	0.06	0.01	0.1	6.8	2.0	15.2
60.00	59.97	0.22	0.18	0.3	38.7	2.0	333.3
70.00	69.96	0.33	0.05	0.3	7.9	2.0	264.9
80.00	79.96	0.07	-0.12	0.1	300.8	2.0	169.6
90.00	89.95	-0.20	0.09	0.2	155.8	2.0	116.5
100.00	99.94	-0.14	0.41	0.4	108.9	2.1	28.8
110.00	109.94	0.16	0.29	0.3	60.5	2.1	301.9
120.00	119.93	0.11	-0.02	0.1	347.3	2.1	198.6
130.00	129.92	-0.10	0.20	0.2	116.6	2.0	86.8
140.00	139.92	0.08	0.49	0.5	81.1	1.8	25.1
150.00	149.91	0.30	0.34	0.5	48.8	1.8	282.8
160.00	159.91	0.11	0.11	0.2	46.6	2.0	183.0
170.00	169.90	-0.14	0.32	0.3	113.0	1.9	84.1
180.00	179.90	0.01	0.59	0.6	88.7	1.8	28.5
190.00	189.89	0.30	0.56	0.6	61.8	1.9	305.7
200.00	199.89	0.27	0.27	0.4	44.9	1.8	236.7
210.00	209.88	-0.06	0.32	0.3	101.3	2.2	131.5
220.00	219.87	-0.09	0.69	0.7	97.1	2.1	52.5
230.00	229.86	0.17	0.92	0.9	79.7	1.8	20.5
240.00	239.86	0.30	0.76	0.8	68.5	1.6	252.4
250.00	249.86	0.14	0.55	0.6	75.8	1.7	216.1
260.00	259.85	-0.15	0.78	0.8	100.6	2.4	120.6
270.00	269.85	-0.27	1.23	1.3	102.5	2.6	88.4



240.00	239.86	0.30	0.76	0.8	68.5	1.6	252.4
250.00	249.86	0.14	0.55	0.6	75.8	1.7	216.1
260.00	259.85	-0.15	0.78	0.8	100.6	2.4	120.6
270.00	269.84	-0.27	1.23	1.3	102.5	2.6	88.4
280.00	279.83	-0.01	1.56	1.6	90.3	2.1	33.8
290.00	289.82	0.27	1.64	1.7	80.6	1.2	352.3
300.00	299.82	0.43	1.54	1.6	74.4	1.0	301.9
310.00	309.82	0.28	1.47	1.5	79.3	1.6	173.6
320.00	319.81	-0.01	1.59	1.6	90.4	2.0	145.9
330.00	329.81	-0.20	1.88	1.9	96.1	3.1	78.7
340.00	339.79	0.05	2.28	2.3	88.7	2.0	22.2
350.00	349.79	0.18	2.23	2.2	85.3	0.8	237.5
360.00	359.79	0.07	2.16	2.2	88.1	0.6	209.0
370.00	369.79	-0.18	2.23	2.2	94.7	2.0	141.6
380.00	379.77	-0.14	2.70	2.7	93.0	2.9	67.1
390.00	389.76	0.09	3.05	3.1	88.4	2.4	42.1
400.00	399.76	0.27	3.12	3.1	85.1	1.0	225.5
410.00	409.76	0.05	3.11	3.1	89.0	1.7	159.3
420.00	419.75	-0.27	3.32	3.3	94.7	3.2	104.7
430.00	429.74	-0.12	3.75	3.7	91.9	2.3	49.6
440.00	439.73	0.12	3.96	4.0	88.2	1.5	31.6
450.00	449.73	0.09	3.94	3.9	88.7	1.3	194.3
460.00	459.72	-0.25	4.02	4.0	93.5	2.5	149.4
470.00	469.71	-0.54	4.41	4.4	97.0	3.4	87.5
480.00	479.69	-0.41	4.95	5.0	94.8	2.8	65.0
490.00	489.69	-0.20	5.25	5.3	92.1	1.4	24.3
500.00	499.69	-0.19	5.19	5.2	92.0	1.1	214.1
510.00	509.68	-0.47	5.16	5.2	95.2	2.9	142.0
520.00	519.66	-0.77	5.63	5.7	97.8	3.3	109.7
530.00	529.65	-0.73	6.10	6.1	96.8	1.9	56.1
540.00	539.65	-0.61	6.21	6.2	95.6	0.6	257.8
550.00	549.64	-0.83	6.10	6.2	97.7	3.0	162.0
560.00	559.63	-1.08	6.44	6.5	99.6	1.6	69.1
570.00	569.63	-1.02	6.64	6.7	98.7	0.5	103.3
580.00	579.63	-1.15	6.53	6.6	99.9	1.6	223.9
590.00	589.62	-1.49	6.35	6.5	103.2	2.9	200.3
600.00	599.60	-1.96	6.49	6.8	106.8	3.2	101.0
610.00	609.60	-2.00	6.80	7.1	106.4	1.0	91.0
620.00	619.59	-2.11	6.73	7.1	107.4	2.2	212.1
630.00	629.58	-2.52	6.54	7.0	111.1	3.0	202.4
640.00	639.57	-3.09	6.56	7.2	115.2	4.2	131.6
650.00	649.55	-3.26	6.96	7.7	115.1	1.4	97.5
660.00	659.55	-3.32	7.01	7.8	115.3	2.2	207.0
670.00	669.54	-3.56	7.14	8.0	116.5	0.9	208.8
680.00	679.54	-3.62	7.22	8.1	116.7	2.3	175.3
690.00	689.53	-4.01	7.32	8.3	118.7	2.6	160.0
700.00	699.52	-4.45	7.43	8.7	120.9	2.5	171.5
710.00	709.51	-4.86	7.52	9.0	122.9	2.5	169.4
720.00	719.50	-5.27	7.61	9.3	124.7	2.4	165.3
730.00	729.49	-5.68	7.70	9.6	126.4	2.3	167.4
740.00	739.48	-6.06	7.78	9.9	127.9	2.3	169.1
750.00	749.48	-6.45	7.86	10.2	129.4	2.3	170.9
760.00	759.47	-6.84	7.93	10.5	130.8	2.4	303.3
770.00	769.46	-7.22	8.02	10.8	132.0	2.5	167.0
780.00	779.45	-7.62	8.06	11.1	133.4	2.3	168.1
790.00	789.44	-8.01	8.17	11.4	134.4	2.4	167.4
800.00	799.43	-8.39	8.28	11.8	135.4	2.3	156.4
810.00	809.43	-8.70	8.46	12.1	135.8	2.2	184.9
820.00	819.42	-9.04	8.48	12.4	136.8	2.0	172.1
830.00	829.41	-9.35	8.50	12.6	137.7	1.8	168.0
840.00	839.41	-9.63	8.58	12.9	138.3	1.7	154.9
850.00	849.41	-9.91	8.66	13.2	138.8	1.8	161.8
860.00	859.40	-10.18	8.76	13.4	139.3	1.7	160.4
870.00	869.40	-10.44	8.85	13.7	139.7	1.6	163.5
880.00	879.39	-10.68	8.97	13.9	140.0	1.7	180.8
890.00	889.39	-10.94	9.02	14.2	140.5	1.6	159.3
900.00	899.38	-11.20	9.11	14.4	140.9	1.6	159.4
910.00	909.38	-11.47	9.22	14.7	141.2	1.9	157.6
920.00	919.37	-11.71	9.41	15.0	141.2	1.9	136.8
930.00	929.37	-12.02	9.43	15.3	141.9	1.8	160.6
940.00	939.36	-12.29	9.54	15.6	142.2	1.7	155.5
950.00	949.36	-12.33	9.72	15.7	141.8	1.8	318.9
960.00	959.35	-12.16	9.68	15.5	141.5	1.5	129.1
970.00	969.35	-12.40	9.80	15.8	141.7	1.5	130.3
980.00	979.35	-12.59	9.98	16.1	141.6	1.7	150.2
990.00	989.34	-12.81	10.15	16.3	141.6	1.6	133.2
1000.00	999.34	-13.04	10.30	16.6	141.7	1.5	148.9
1010.00	1009.34	-13.23	10.46	16.9	141.7	1.7	148.0
1020.00	1019.33	-13.46	10.61	17.1	141.7	1.5	153.7
1030.00	1029.33	-13.65	10.76	17.4	141.7	1.4	174.9
1040.00	1039.33	-13.83	10.91	17.6	141.7	1.4	135.8
1050.00	1049.32	-14.01	11.06	17.8	141.7	1.3	132.1
1060.00	1059.32	-13.97	11.18	17.9	141.3	1.1	32.3
1070.00	1069.32	-14.08	11.34	18.1	141.2	1.6	145.6
1080.00	1079.31	-14.30	11.47	18.3	141.3	1.4	116.0
1090.00	1089.31	-14.18	11.38	18.2	141.2	1.6	339.1
1099.00	1099.31	-14.25	11.52	18.3	141.1	1.1	154.4
1110.00	1109.31	-14.37	11.65	18.5	141.0	1.0	139.2
1120.00	1119.31	-14.50	11.77	18.7	140.9	1.0	139.4
1130.00	1129.30	-14.60	11.91	18.8	140.8	1.0	109.3
1140.00	1139.30	-14.70	12.04	19.0	140.7	1.0	127.0
1150.00	1149.30	-14.80	12.17	19.2	140.6	1.0	121.2
1160.00	1159.30	-14.89	12.29	19.3	140.5	0.9	130.4
1170.00	1169.30	-14.96	12.42	19.4	140.3	0.9	120.5
1180.00	1179.30	-15.04	12.56	19.6	140.1	0.9	114.4
1190.00	1189.30	-15.11	12.69	19.7	140.0	0.9	135.1
1200.00	1199.30	-15.17	12.83	19.9	139.8	0.9	118.2

1200.00	1199.30	-15.17	12.83	19.9	139.6	0.8	92.5
1210.00	1209.29	-15.23	12.95	20.0	139.6	0.7	198.6
1220.00	1219.29	-15.27	12.92	20.0	139.6	0.9	179.1
1230.00	1229.29	-15.25	12.99	20.0	139.6	1.0	351.8
1240.00	1239.29	-15.24	13.06	20.1	139.4	1.0	67.7
1250.00	1249.29	-15.15	13.14	20.1	139.1	0.6	117.9
1260.00	1259.29	-15.18	13.25	20.2	138.9	0.8	81.2
1270.00	1269.29	-15.21	13.35	20.2	138.7	0.6	105.1
1280.00	1279.29	-15.24	13.46	20.3	138.5	0.6	103.0
1290.00	1289.29	-15.26	13.56	20.4	138.4	0.6	119.3
1300.00	1299.29	-15.29	13.66	20.5	138.2	0.9	88.0
1310.00	1309.29	-15.30	13.78	20.6	138.0	0.8	113.7
1320.00	1319.28	-15.33	13.91	20.7	137.8	0.9	101.9
1330.00	1329.28	-15.35	14.03	20.8	137.6	0.8	107.2
1340.00	1339.28	-15.35	14.18	20.9	137.3	0.7	90.7
1350.00	1349.28	-15.38	14.30	21.0	137.1	0.8	92.4
1360.00	1359.28	-15.40	14.44	21.1	136.8	0.8	93.6
1370.00	1369.28	-15.41	14.59	21.2	136.6	0.9	90.3
1380.00	1379.28	-15.42	14.73	21.3	136.3	0.7	94.8
1390.00	1389.28	-15.45	14.87	21.4	136.1	0.8	102.9
1400.00	1399.28	-15.46	15.01	21.5	135.8	0.9	78.9
1410.00	1409.28	-15.45	15.15	21.6	135.6	0.7	91.9
1420.00	1419.27	-15.46	15.29	21.7	135.3	0.9	95.3
1430.00	1429.27	-15.47	15.43	21.8	135.1	0.8	85.4
1440.00	1439.27	-15.47	15.57	21.9	134.8	0.9	90.6
1450.00	1449.27	-15.47	15.71	22.1	134.6	0.8	89.0
1460.00	1459.27	-15.48	15.86	22.2	134.3	0.9	89.5
1470.00	1469.27	-15.48	16.01	22.3	134.0	0.9	88.0
1480.00	1479.27	-15.48	16.15	22.4	133.8	0.8	87.7
1490.00	1489.27	-15.48	16.30	22.5	133.5	0.8	99.9
1500.00	1499.27	-15.48	16.44	22.6	133.3	0.8	86.6
1510.00	1509.26	-15.48	16.59	22.7	133.0	0.8	85.5
1520.00	1519.26	-15.47	16.73	22.8	132.8	1.1	96.5
1530.00	1529.26	-15.47	16.86	22.9	132.5	1.2	69.5
1540.00	1539.26	-15.44	17.01	23.0	132.2	0.9	88.9
1550.00	1549.26	-15.44	17.20	23.1	131.9	1.1	81.3
1560.00	1559.26	-15.45	17.39	23.3	131.6	1.1	82.5
1570.00	1569.26	-15.44	17.57	23.4	131.3	1.1	81.7
1580.00	1579.25	-15.42	17.75	23.5	131.0	1.2	94.6
1590.00	1589.25	-15.42	17.94	23.7	130.7	1.2	73.3
1600.00	1599.25	-15.40	18.14	23.8	130.3	1.2	80.6
1610.00	1609.25	-15.37	18.33	23.9	130.0	1.1	356.5
1620.00	1619.25	-15.34	18.54	24.1	129.6	1.3	92.3
1630.00	1629.24	-15.21	18.54	24.0	129.4	1.4	83.3
1640.00	1639.24	-15.18	18.72	24.1	129.0	1.6	83.1
1650.00	1649.24	-15.16	18.95	24.3	128.7	1.9	76.4
1660.00	1659.24	-15.13	19.20	24.4	128.2	2.0	74.2
1670.00	1669.23	-15.08	19.48	24.6	127.7	2.0	75.2
1680.00	1679.22	-14.99	19.80	24.8	127.1	2.0	75.1
1690.00	1689.22	-14.89	20.12	25.0	126.5	2.1	69.7
1700.00	1699.21	-14.80	20.45	25.2	125.9	2.2	64.4
1710.00	1709.21	-14.66	20.77	25.4	125.2	2.2	62.7
1720.00	1719.20	-14.52	21.11	25.6	124.5	2.3	65.3
1730.00	1729.19	-14.39	21.46	25.8	123.8	2.1	62.2
1740.00	1739.18	-14.23	21.80	26.0	123.1	2.1	76.0
1750.00	1749.18	-14.09	22.14	26.2	122.5	2.1	65.9
1760.00	1759.17	-13.94	22.48	26.4	121.8	2.2	57.9
1770.00	1769.16	-13.82	22.80	26.7	121.2	2.2	45.9
1780.00	1779.16	-13.66	23.12	26.9	120.6	2.3	55.2
1790.00	1789.15	-13.54	23.46	27.1	120.0	2.2	84.4
1800.00	1799.14	-13.36	23.77	27.3	119.3	2.2	75.8
1810.00	1809.13	-13.21	24.10	27.5	118.7	2.1	52.8
1820.00	1819.13	-13.08	24.44	27.7	118.2	2.1	68.9
1830.00	1829.12	-12.94	24.77	27.9	117.6	2.1	72.0
1840.00	1839.11	-12.78	25.10	28.2	117.0	2.3	49.8
1850.00	1849.10	-12.66	25.45	28.4	116.4	2.2	66.0
1860.00	1859.10	-12.51	25.78	28.7	115.9	2.2	66.1
1870.00	1869.09	-12.34	26.12	28.9	115.3	2.2	43.9
1880.00	1879.08	-12.19	26.46	29.1	114.7	2.4	83.0
1890.00	1889.07	-12.03	26.79	29.4	114.2	2.3	292.2
1900.00	1899.07	-11.90	27.13	29.6	113.7	2.2	173.1
1910.00	1909.06	-11.62	27.30	29.7	113.1	2.0	63.7
1920.00	1919.05	-11.56	27.03	29.4	112.7	1.9	75.6
1930.00	1929.04	-11.45	27.34	29.6	112.2	1.9	58.1
1940.00	1939.04	-11.30	27.64	29.9	111.8	2.0	63.3
1950.00	1949.03	-11.19	27.93	30.1	111.4	1.9	61.2
1960.00	1959.03	-11.05	28.24	30.3	111.0	2.0	66.4
1970.00	1969.02	-10.93	28.56	30.6	110.9	2.0	63.8
1980.00	1979.01	-10.81	28.87	30.8	110.5	1.9	73.4
1990.00	1989.01	-10.67	29.18	31.1	110.1	1.7	75.2
2000.00	1999.00	-10.54	29.48	31.3	109.7	1.8	65.7
2010.00	2009.00	-10.47	29.77	31.6	109.4	2.1	55.5
2020.00	2018.99	-10.33	30.08	31.8	109.0	1.8	78.4
2030.00	2028.98	-10.16	30.40	32.1	108.5	1.9	64.9
2040.00	2038.98	-10.08	30.73	32.3	108.2	2.2	71.3
2050.00	2048.97	-9.98	31.01	32.6	107.8	1.9	69.8
2060.00	2058.97	-9.83	31.33	32.8	107.4	1.9	66.7
2070.00	2068.96	-9.72	31.66	33.1	107.1	1.9	70.2
2080.00	2078.95	-9.60	31.97	33.4	106.7	1.8	67.3
2090.00	2088.95	-9.50	32.28	33.7	106.4	1.9	64.5
2100.00	2098.94	-9.39	32.59	33.9	106.1	2.0	61.5
2110.00	2108.94	-9.25	32.89	34.2	105.7	2.2	86.2
2120.00	2118.93	-9.13	33.21	34.4	105.4	2.2	70.9
2130.00	2128.92	-9.03	33.54	34.7	105.1	2.1	74.3
2140.00	2138.92	-8.90	33.87	35.0	104.7	2.1	
2150.00	2148.91	-8.77	34.19	35.3	104.4	2.2	
2160.00	2158.90	-8.65	34.53	35.6	104.1	2.1	

2120.00	2118.93	-9.13	33.21	34.4	105.7	1.9	78.3
2130.00	2128.92	-9.03	33.54	34.7	105.4	2.1	64.5
2140.00	2138.92	-8.90	33.87	35.0	105.1	2.0	61.5
2150.00	2148.91	-8.77	34.19	35.3	104.7	2.2	86.2
2160.00	2158.90	-8.65	34.53	35.6	104.4	2.2	70.9
2170.00	2168.89	-8.52	34.87	35.9	104.1	2.1	74.3
2180.00	2178.89	-8.39	35.22	36.2	103.7	2.2	66.8
2190.00	2188.88	-8.25	35.57	36.5	103.4	2.2	68.2
2200.00	2198.87	-8.12	35.91	36.8	103.1	2.2	68.9
2210.00	2208.87	-7.98	36.24	37.1	102.7	2.2	72.4
2220.00	2218.86	-7.68	36.17	37.0	102.4	2.1	16.6
2230.00	2228.85	-7.51	36.56	37.0	102.0	2.8	91.9
2240.00	2238.84	-7.40	36.98	37.3	101.6	2.6	57.0
2250.00	2248.83	-7.24	37.39	37.7	101.3	2.5	67.8
2260.00	2258.82	-7.02	37.39	38.1	101.0	2.6	56.3
2265.20	2264.01	-7.01	37.26	37.9	100.7	2.7	347.2
			37.36	38.0	100.6	2.2	163.8



**DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC**

**COMPANY: CNX**

**HOLE #: F-11**

**LOCATION: CHILDRESS BRANCH**

**DRILL RIG #:17**

**DATE STARTED: 05-30-07**

**DATED COMPLETED: 06-05-07**

**ELECTRIC LOGGED: YES**

**GROUTED: YES**

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	59	59	OVERBURDEN	
59	60	1	SHALE	
60	90	30	SHALE	
90	120	30	SHALE/COAL/SAND STONE	
120	150	30	SAND STONE	
150	180	30	SAND STONE/SHALE/COAL	
180	210	30	SAND STONE	
210	240	30	SAND STONE/COAL/SANDY	
SHALE				
240	270	30	SANDY SHALE/COAL/SANDY	
SHALE				
270	330	60	SAND STONE	
330	360	30	SAND STONE/SANDY	
SHALE/COAL				
360	390	30	SANDY SHALE	
390	420	30	SANDY SHALE/SHALE	
420	450	30	SANDY SHALE/SAND	
STONE/SHALE				
450	480	30	SANDY SHALE/SHALE	
480	510	30	SHALE/SANDY SHALE	
510	540	30	SHALE	
540	570	30	SHALE/SANDY SHALE	
570	600	30	SANDY SHALE	
600	630	30	SHALE/SANDY SHALE	
630	690	60	SANDY SHALE/COAL	
690	720	30	SANDY SHALE/SHALE	
720	750	30	SANDY SHALE/COAL/SHALE	
750	780	30	SAND STONE	
780	810	30	SAND STONE/SANDY	
SHALE/SHALE				
810	840	30	SHALE/COAL/SHALE	
840	870	30	SANDY SHALE/SAND STONE	
870	900	30	SAND STONE/COAL	
900	930	30	SANDY SHALE	
930	960	30	SANDY SHALE/SAND STONE	
960	990	30	SAND STONE/SANDY SHALE	
990	1020	30	SANDY SHALE/SAND STONE	
1020	1050	30	SANDY SHALE/COAL/SHALE	
1050	1080	30	SANDY SHALE/SAND STONE	
1080	1200	120	SAND STONE	
1200	1290	90	SAND STONE/SANDY SHALE	
1290	1320	30	SANDY SHALE/SAND STONE	

1320	1380	60	SANDY SHALE
1380	1410	30	SAND STONE
1410	1440	30	SAND STONE/SANDY SHALE
1440	1470	30	SANDY SHALE
1470	1500	30	SAND STONE/SANDY SHALE
1500	1530	30	SAND STONE/SANDY SHALE
1530	1560	30	SANDY SHALE/COAL/SAND
STONE			
1560	1590	30	SHALE/SANDY SHALE
1590	1620	30	SANDY SHALE/COAL/SHALE
1620	1650	30	SANDY SHALE
1650			
1650	1710	60	SANDY SHALE
1710	1740	30	SANDY SHALE/SAND
1740	1770	30	SAND/COAL/SANDY SHALE
1770	1920	150	SAND STONE
1920			
1920	1930	10	SHALE
1930	1950	20	SAND/SANDY SHALE
1950	1980	30	SANDY SHALE/SAND
1980	2010	30	SANDY SHALE
2010	2026	16	SHALE
2026	2031	5	COAL P-3
2031	2040	9	SANDY SHALE
2040	2070	30	SANDY SHALE/SAND
2070	2190	120	SAND STONE
2190			
2190	2220	30	SAND STONE
2220	2250	30	SANDY SHALE
2250	2290	40	SANDY SHALE/RED SHALE

2290' - TOTAL DEPTH  
59' - 13 3/8" CASING  
663' - 7" CASING  
2116.13' - 4 1/2" CASING