



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: 734  
 Company: CNX Gas Company LLC  
 File Number: BU-3424  
 Operations Name: CBM F10 W/PL  
 Operation Type: Coalbed/Pipeline  
 Drilling Report Type: Original

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

#### 1. Drilling Data

Date drilling commenced: 6/5/2007 Drilling Contractor: Noah Horn  
 Date drilling completed: 6/8/2007 Rig Type:  Rotary  Cable Tool  
 Driller's Total Depth (feet): 2,200  
 Log Total Depth (feet): 2,171 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 963,547 Final Plat State Plane X: 963,547  
 Permitted State Plane Y: 357,363 Final Plat State Plane Y: 357,364

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	F10 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	F10 Exhibit A.pdf

**Gas and Oil Shows**

List of Attached Items:

Description	FileName
Gas Show	F10 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	F10 Deviation.pdf

**6. Casing and Tubing Program**

List of Attached Items:

Description	FileName
Casing	F10 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	F10 Drill Data.pdf

**9. Comments**

**10. Signature**

Permitee: CNX Gas Company LLC Date: 10/11/2007 (Company)

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

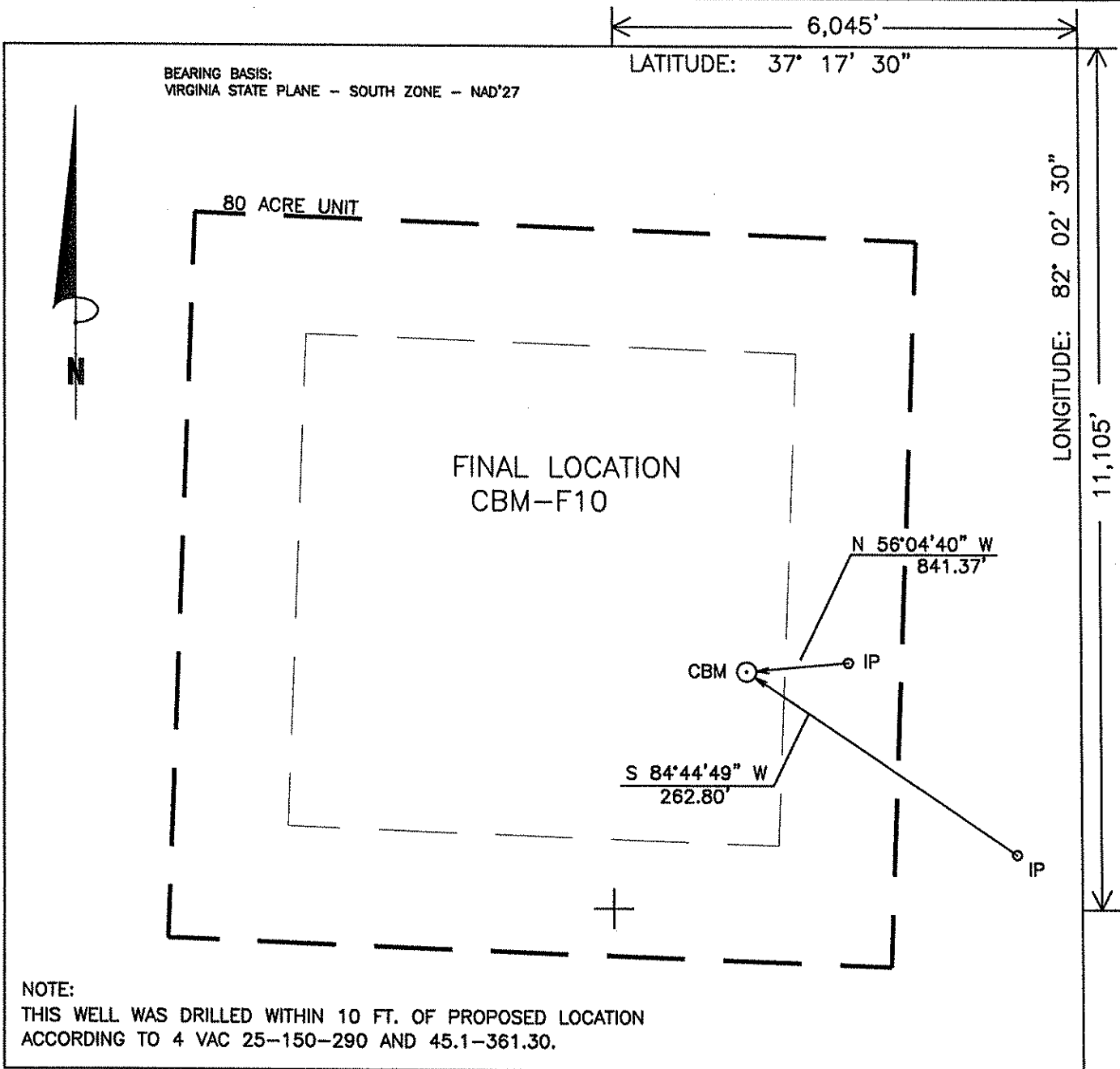
**INTERNAL USE ONLY**

Submit Date: 10/11/2007

Status: Inspr Approved

Date: 10/11/2007

Final PDF Date: 10/11/2007



## WELL LOCATION PLAT

F10FNL  
1N15/164-596/30

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-F10  
 TRACT NUMBER CONSOLIDATION COAL CO. QUADRANGLE GRUNDY  
 DISTRICT: SOUTH GRUNDY

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 357,364.44 E 963,547.33  
 ELEVATION: 2102.69' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S  
 COUNTY BUCHANAN Scale: 1" = 400' Date 06-07-07

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

⊕ 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).

*D.R. Price*

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

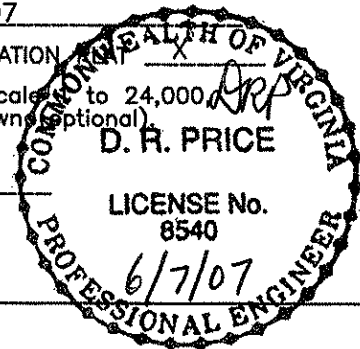


Exhibit A

Well Name: 07 CBM F10  
 SURFACE ELEV: 2102.69 EASTING: 963547.33 NORTHING: 357364.44

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
SD1	106.60	107.20	1996.09	0.60	
	107.20	139.70	1995.49	32.50	
SD2	139.70	141.90	1962.99	2.20	
	141.90	147.60	1960.79	5.70	
SD3	147.60	148.90	1955.09	1.30	
	148.90	180.00	1953.79	31.10	
UB1	180.00	181.50	1922.69	1.50	
	181.50	283.90	1921.19	102.40	
LB1	283.90	286.10	1818.79	2.20	
	286.10	483.00	1816.59	196.90	
KN2	483.00	486.10	1619.69	3.10	
	486.10	604.30	1616.59	118.20	
AL2	604.30	606.10	1498.39	1.80	
	606.10	668.30	1496.59	62.20	
RA2	668.30	669.70	1434.39	1.40	
	669.70	772.70	1432.99	103.00	
JB1	772.70	773.80	1329.99	1.10	
	773.80	810.60	1328.89	36.80	
JB3	810.60	812.00	1292.09	1.40	
	812.00	845.40	1290.69	33.40	
T2	845.40	845.60	1257.29	0.20	
	845.60	882.80	1257.09	37.20	
T1	882.80	884.10	1219.89	1.30	
	884.10	889.30	1218.59	5.20	
COAL	889.30	889.90	1213.39	0.60	
	889.90	891.40	1212.79	1.50	
COAL	891.40	892.20	1211.29	0.80	
	892.20	989.90	1210.49	97.70	
US1	989.90	990.60	1112.79	0.70	
	990.60	1013.40	1112.09	22.80	
US2	1013.40	1014.20	1089.29	0.80	
	1014.20	1181.20	1088.49	167.00	
*SE2	1181.20	1182.10	921.49	0.90	
	1182.10	1210.40	920.59	28.30	
*LS1	1210.40	1211.30	892.29	0.90	
	1211.30	1298.80	891.39	87.50	
*UH1	1298.80	1299.60	803.89	0.80	
	1299.60	1299.80	803.09	0.20	
*UH1	1299.80	1300.00	802.89	0.20	
	1300.00	1343.40	802.69	43.40	
*UH2	1343.40	1344.20	759.29	0.80	
	1344.20	1467.20	758.49	123.00	
*P10	1467.20	1470.20	635.49	3.00	
	1470.20	1501.90	632.49	31.70	
*LH1	1501.90	1502.10	600.79	0.20	
	1502.10	1516.90	600.59	14.80	
*LH3	1516.90	1518.40	585.79	1.50	

	1518.40	1606.30	584.29	87.90
*P92	1606.30	1606.90	496.39	0.60
	1606.90	1877.70	495.79	270.80
*P43	1877.70	1877.90	224.99	0.20
	1877.90	1925.53	224.79	47.63
*P3	1925.53	1926.81	177.16	1.28
	1926.81	1926.94	175.88	0.13
*P3	1926.94	1929.63	175.75	2.69
	1929.63	1956.80	173.06	27.17
*P21	1956.80	1957.10	145.89	0.30
	1957.10	2200.00	145.59	242.90

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

GAMMA-CALIPER LOG FROM 0 TO 575.00

GAMMA-DENSITY LOG FROM 575.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

FILE: H:\JIMHAZ~1\PROJECTS\GAS\F10.CMP

DATE: 06/29/07

Well: F10

**Oil & Gas Show**

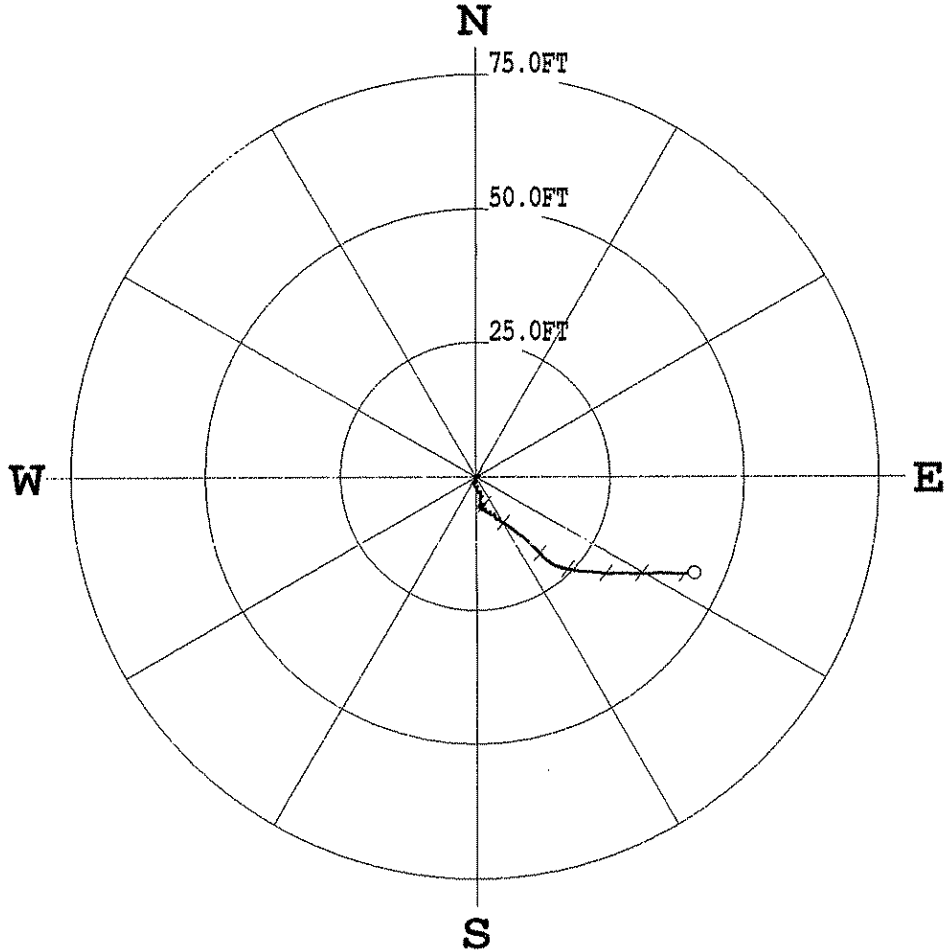
Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure	Hours Tested
Lee/Norton	1467	1518	51			
Pocahontas	1925	1930	5			
Total IPF				Not Taken		

# COMPU-LOG DEVIATION

CLIENT: CNX-GAS  
 LOCATION: -  
 HOLE ID: 07-CNX-F-10  
 DATE OF LOG: 06/08/07  
 PROBE: 9136CH 1244



SCALE: 25 FT/IN  
 TRUE DEPTH: 2169.81  
 AZIMUTH: 113.8  
 DISTANCE: 44.4 FT  
 + = 300 FT INCR  
 ○ = BOTTOM OF HOLE



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

CLIENT : CNX-GAS HOLE ID. : 07-CNX-F-10  
 FIELD OFFICE : O'DRISCOLL DATE OF LOG : 06/08/07  
 DATA FROM : - PROBE : 9136CH , 1244  
 MAG. DECL. : -7.100 DEPTH UNITS : FEET  
 LOG: 07-CNX-F-10\_06-08-07\_12-32\_9136CH\_10\_0.00\_2170.90\_PROC.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	0.06	0.10	0.1	59.5	2.0	220.7
20.00	19.99	0.08	0.19	0.2	66.7	2.0	167.5
30.00	29.99	-0.01	0.39	0.4	91.3	1.4	101.2
40.00	39.98	0.09	0.56	0.6	80.5	1.3	23.4
50.00	49.98	0.32	0.56	0.6	60.3	1.2	344.4
60.00	59.98	0.28	0.33	0.4	49.0	2.1	194.2
70.00	69.97	0.27	0.44	0.5	58.6	1.1	356.8
80.00	79.97	0.37	0.22	0.4	30.3	2.7	248.6
90.00	89.96	-0.01	-0.01	0.0	230.0	2.9	192.7
100.00	99.94	-0.50	-0.08	0.5	189.0	2.8	158.0
110.00	109.94	-0.63	0.14	0.6	167.5	0.6	40.6
120.00	119.94	-0.57	-0.06	0.6	186.4	1.5	275.6
130.00	129.93	-0.84	0.07	0.8	175.5	1.8	98.5
140.00	139.92	-0.90	0.15	0.9	170.6	1.6	243.5
150.00	149.92	-1.15	-0.16	1.2	188.0	2.7	219.1
160.00	159.90	-1.64	-0.18	1.7	186.4	3.0	150.0
170.00	169.89	-1.78	0.16	1.8	174.9	1.3	82.5
180.00	179.89	-1.76	0.34	1.8	169.2	0.4	291.1
190.00	189.88	-2.03	0.15	2.0	175.9	2.7	194.4
200.00	199.87	-2.56	0.19	2.6	175.7	3.5	150.1
210.00	209.85	-2.80	0.60	2.9	168.0	2.0	83.1
220.00	219.85	-2.80	0.84	2.9	163.3	0.7	78.8
230.00	229.84	-3.10	0.74	3.2	166.7	2.9	191.2
240.00	239.83	-3.51	1.05	3.7	163.4	1.6	83.1
250.00	249.82	-3.52	1.03	3.7	163.6	0.8	232.6
260.00	259.82	-3.74	0.89	3.8	166.6	1.9	216.7
270.00	269.81	-4.03	0.73	4.1	169.7	2.7	194.0



260.00	259.04	-5.17	0.69	3.0	169.7	2.7	194.0
270.00	269.81	-4.03	0.73	4.1	170.3	3.0	162.3
280.00	279.80	-4.54	0.78	4.6	167.2	3.1	127.4
290.00	289.79	-4.95	1.12	5.1	163.3	1.3	53.2
300.00	299.78	-5.06	1.52	5.3	164.7	1.2	277.5
310.00	309.77	-5.03	1.37	5.2	166.5	0.5	300.8
320.00	319.77	-4.99	1.19	5.1	167.5	1.2	263.7
330.00	329.77	-4.94	1.10	5.1	170.5	2.2	216.2
340.00	339.77	-5.11	0.86	5.2	173.2	2.6	180.7
350.00	349.76	-5.42	0.64	5.5	172.8	1.0	302.2
360.00	359.75	-5.47	0.69	5.5	174.3	1.5	268.8
370.00	369.75	-5.37	0.54	5.4	173.5	2.7	109.4
380.00	379.74	-5.65	0.64	5.7	169.4	2.3	86.5
390.00	389.73	-5.71	1.07	5.8	168.6	0.9	251.4
400.00	399.73	-5.68	1.14	5.8	169.3	3.4	122.7
410.00	409.72	-5.99	1.13	6.1	165.8	1.6	76.2
420.00	419.71	-6.02	1.53	6.2	163.9	1.3	68.2
430.00	429.71	-5.93	1.71	6.2	164.8	2.0	194.7
440.00	439.71	-6.10	1.66	6.3	163.8	3.7	127.6
450.00	449.69	-6.49	1.89	6.8	160.3	2.1	73.0
460.00	459.68	-6.54	2.34	6.9	158.4	0.7	66.4
470.00	469.68	-6.45	2.56	6.9	158.7	2.0	199.2
480.00	479.67	-6.58	2.56	7.1	158.7	3.6	119.3
490.00	489.66	-6.96	2.71	7.5	155.5	1.7	72.5
500.00	499.65	-6.98	3.19	7.7	153.5	0.6	129.9
510.00	509.65	-6.91	3.44	7.7	154.1	1.9	176.3
520.00	519.64	-7.15	3.47	7.9	154.8	2.3	163.7
530.00	529.64	-7.48	3.52	8.3	151.1	3.7	83.9
540.00	539.62	-7.80	3.93	8.7	150.9	1.1	67.3
550.00	549.61	-7.69	4.25	8.8	150.9	2.2	183.6
560.00	559.61	-7.76	4.31	8.9	151.5	1.2	183.9
570.00	569.61	-8.00	4.34	9.1	151.8	0.6	81.8
580.00	579.61	-8.10	4.35	9.2	150.8	2.3	115.7
590.00	589.60	-8.25	4.61	9.5	149.6	2.3	117.1
600.00	599.59	-8.45	4.96	9.8	148.5	2.4	125.3
610.00	609.58	-8.68	5.32	10.2	147.6	2.3	124.6
620.00	619.57	-8.91	5.65	10.5	146.9	2.2	121.6
630.00	629.57	-9.13	5.96	10.9	146.2	2.2	128.8
640.00	639.56	-9.35	6.27	11.3	145.6	2.1	126.9
650.00	649.55	-9.56	6.55	11.6	145.1	2.1	128.4
660.00	659.55	-9.77	6.82	11.9	144.6	2.0	131.6
670.00	669.54	-9.99	7.10	12.3	144.2	2.0	118.3
680.00	679.53	-10.20	7.36	12.6	143.7	2.1	129.5
690.00	689.53	-10.40	7.63	12.9	143.4	2.1	130.6
700.00	699.52	-10.62	7.90	13.2	142.9	2.1	122.0
710.00	709.51	-10.80	8.18	13.6	142.5	2.0	137.5
720.00	719.51	-11.02	8.46	13.9	142.2	1.9	129.5
730.00	729.50	-11.22	8.70	14.2	141.9	1.8	130.8
740.00	739.50	-11.41	8.94	14.5	141.7	1.7	131.4
750.00	749.49	-11.60	9.16	14.8	141.5	1.6	131.0
760.00	759.49	-11.78	9.37	15.1	141.3	1.5	134.4
770.00	769.48	-11.96	9.56	15.3	141.2	1.5	134.1
780.00	779.48	-12.12	9.75	15.6	141.1	1.6	137.7
790.00	789.48	-12.32	9.93	15.8	141.0	1.4	139.8
800.00	799.47	-12.49	10.10	16.1	141.0	1.4	139.2
810.00	809.47	-12.66	10.25	16.3	141.0	1.4	137.3
820.00	819.47	-12.83	10.41	16.5	140.9	1.4	133.7
830.00	829.47	-13.00	10.58	16.8	140.8	1.4	137.5
840.00	839.46	-13.18	10.74	17.0	140.8	1.5	137.4
850.00	849.46	-13.36	10.90	17.2	140.8	1.4	137.9
860.00	859.46	-13.54	11.06	17.5	140.7	1.5	138.2
870.00	869.45	-13.72	11.23	17.7	140.7	1.4	142.2
880.00	879.45	-13.90	11.38	18.0	140.7	1.5	130.5
890.00	889.45	-14.07	11.53	18.2	140.6	1.3	137.5
900.00	899.44	-14.24	11.70	18.4	140.5	1.2	126.3
910.00	909.44	-14.41	11.86	18.7	140.5	1.4	133.9
920.00	919.44	-14.57	12.02	18.9	140.4	1.3	130.0
930.00	929.44	-14.72	12.17	19.1	140.3	1.4	129.9
940.00	939.43	-14.88	12.34	19.3	140.2	1.6	131.8
950.00	949.43	-15.04	12.53	19.6	140.1	1.3	129.2
960.00	959.43	-15.21	12.70	19.8	140.0	1.5	128.3
970.00	969.42	-15.37	12.89	20.1	139.9	1.5	133.9
980.00	979.42	-15.53	13.08	20.3	139.8	1.3	135.6
990.00	989.42	-15.68	13.25	20.5	139.7	1.3	129.4
1000.00	999.41	-15.81	13.43	20.7	139.6	1.2	121.5
1010.00	1009.41	-15.95	13.58	20.9	139.4	1.3	123.7
1020.00	1019.41	-16.06	13.76	21.2	139.2	1.3	118.9
1030.00	1029.41	-16.18	13.95	21.4	139.1	1.1	130.1
1040.00	1039.40	-16.29	14.11	21.6	139.0	1.2	120.5
1050.00	1049.40	-16.38	14.26	21.7	138.8	1.2	119.1
1060.00	1059.40	-16.47	14.44	21.9	138.6	1.1	116.2
1070.00	1069.40	-16.56	14.60	22.1	138.3	1.3	112.3
1080.00	1079.40	-16.63	14.79	22.3	138.1	1.2	113.9
1090.00	1089.39	-16.70	14.97	22.4	137.9	1.1	113.0
1100.00	1099.39	-16.76	15.16	22.6	137.6	1.1	107.2
1110.00	1109.39	-16.82	15.33	22.8	137.4	1.1	90.7
1120.00	1119.39	-16.87	15.52	22.9	137.1	1.1	101.4
1130.00	1129.39	-16.91	15.70	23.1	137.1	1.3	304.3
1140.00	1139.38	-16.96	15.78	23.2	137.0	1.1	116.5
1150.00	1149.38	-16.95	15.80	23.2	136.7	1.3	87.6
1160.00	1159.38	-16.99	15.99	23.3	136.4	1.2	97.7
1170.00	1169.38	-17.03	16.20	23.5	136.1	1.4	98.7
1180.00	1179.38	-17.07	16.41	23.7	135.8	1.5	114.8
1190.00	1189.37	-17.11	16.65	23.9	135.5	1.2	102.2
1200.00	1199.37	-17.16	16.86	24.1	135.3	1.2	97.1
1210.00	1209.37	-17.21	17.05	24.2	135.0	1.4	98.1
1220.00	1219.37	-17.25	17.26	24.4			

1010.00	1009.41	-15.95	13.58	20.9	139.6	1.2	121.5
1020.00	1019.41	-16.06	13.76	21.2	139.4	1.3	123.7
1030.00	1029.41	-16.18	13.95	21.4	139.2	1.3	118.9
1040.00	1039.40	-16.29	14.11	21.6	139.1	1.1	130.1
1050.00	1049.40	-16.38	14.26	21.7	139.0	1.2	120.5
1060.00	1059.40	-16.47	14.44	21.9	138.8	1.2	119.1
1070.00	1069.40	-16.56	14.60	22.1	138.6	1.1	116.2
1080.00	1079.40	-16.63	14.79	22.3	138.3	1.3	112.3
1090.00	1089.39	-16.70	14.97	22.4	138.1	1.2	113.9
1100.00	1099.39	-16.76	15.16	22.6	137.9	1.1	113.0
1110.00	1109.39	-16.82	15.33	22.8	137.6	1.1	107.2
1120.00	1119.39	-16.87	15.52	22.9	137.4	1.1	90.7
1130.00	1129.39	-16.91	15.70	23.1	137.1	1.1	101.4
1140.00	1139.38	-16.96	15.78	23.2	137.1	1.3	304.3
1150.00	1149.38	-16.95	15.80	23.2	137.0	1.1	116.5
1160.00	1159.38	-16.99	15.99	23.3	136.7	1.3	87.6
1170.00	1169.38	-17.03	16.20	23.5	136.4	1.2	97.7
1180.00	1179.38	-17.07	16.41	23.7	136.1	1.4	98.7
1190.00	1189.37	-17.11	16.65	23.9	135.8	1.5	114.8
1200.00	1199.37	-17.16	16.86	24.1	135.5	1.2	102.2
1210.00	1209.37	-17.21	17.05	24.2	135.3	1.2	97.1
1220.00	1219.37	-17.25	17.26	24.4	135.0	1.4	98.1
1230.00	1229.36	-17.30	17.49	24.6	134.7	1.4	102.4
1240.00	1239.36	-17.33	17.72	24.8	134.4	1.4	102.2
1250.00	1249.36	-17.38	17.95	25.0	134.1	1.4	96.1
1260.00	1259.35	-17.40	18.19	25.2	133.7	1.5	100.3
1270.00	1269.35	-17.43	18.44	25.4	133.4	1.5	94.8
1280.00	1279.35	-17.47	18.69	25.6	133.1	1.6	104.3
1290.00	1289.34	-17.48	18.94	25.8	132.7	1.6	94.0
1300.00	1299.34	-17.51	19.20	26.0	132.4	1.5	96.9
1310.00	1309.34	-17.54	19.45	26.2	132.0	1.4	91.9
1320.00	1319.33	-17.56	19.68	26.4	131.7	1.4	87.7
1330.00	1329.33	-17.58	19.92	26.6	131.4	1.4	91.4
1340.00	1339.33	-17.62	20.17	26.8	131.1	1.4	145.0
1350.00	1349.32	-17.58	20.23	26.8	131.0	1.7	208.2
1360.00	1359.32	-17.63	20.48	27.0	130.7	1.6	95.4
1370.00	1369.31	-17.68	20.74	27.3	130.4	1.6	94.2
1380.00	1379.31	-17.70	21.02	27.5	130.1	1.6	94.5
1390.00	1389.31	-17.73	21.29	27.7	129.8	1.7	104.7
1400.00	1399.30	-17.76	21.56	27.9	129.5	1.6	96.3
1410.00	1409.30	-17.79	21.82	28.2	129.2	1.7	98.2
1420.00	1419.29	-17.81	22.09	28.4	128.9	1.7	90.7
1430.00	1429.29	-17.84	22.37	28.6	128.6	1.7	99.8
1440.00	1439.29	-17.86	22.64	28.8	128.3	1.7	97.7
1450.00	1449.28	-17.88	22.92	29.1	128.0	1.7	102.3
1460.00	1459.28	-17.92	23.20	29.3	127.7	1.8	93.9
1470.00	1469.27	-17.93	23.46	29.5	127.4	1.6	100.7
1480.00	1479.27	-17.97	23.71	29.8	127.2	1.5	100.4
1490.00	1489.27	-17.99	23.82	29.9	127.1	1.5	31.9
1500.00	1499.26	-18.00	23.93	29.9	126.9	1.3	92.7
1510.00	1509.26	-18.01	24.15	30.1	126.7	1.4	96.7
1520.00	1519.26	-18.03	24.39	30.3	126.5	1.5	97.7
1530.00	1529.25	-18.04	24.63	30.5	126.2	1.5	88.4
1540.00	1539.25	-18.01	24.89	30.7	125.9	1.5	93.4
1550.00	1549.25	-18.03	25.14	30.9	125.6	1.5	88.2
1560.00	1559.24	-18.00	25.41	31.1	125.3	1.8	86.2
1570.00	1569.24	-18.01	25.71	31.4	125.0	1.8	86.4
1580.00	1579.23	-18.01	26.02	31.6	124.7	1.8	94.9
1590.00	1589.23	-18.02	26.29	31.9	124.4	1.7	95.8
1600.00	1599.23	-18.02	26.56	32.1	124.2	1.5	102.6
1610.00	1609.22	-18.02	26.79	32.3	123.9	1.4	90.2
1620.00	1619.22	-18.01	27.03	32.5	123.7	1.3	86.9
1630.00	1629.22	-18.01	27.24	32.7	123.5	1.3	94.4
1640.00	1639.21	-18.02	27.45	32.8	123.3	1.2	100.1
1650.00	1649.21	-18.01	27.65	33.0	123.1	1.2	87.1
1660.00	1659.21	-18.01	27.86	33.2	122.9	1.2	81.8
1670.00	1669.21	-18.01	28.07	33.3	122.7	1.3	89.0
1680.00	1679.20	-18.00	28.28	33.5	122.5	1.3	94.4
1690.00	1689.20	-18.07	28.43	33.7	122.4	1.1	268.2
1700.00	1699.20	-18.04	28.49	33.7	122.3	1.3	126.9
1710.00	1709.20	-18.05	28.71	33.9	122.2	1.3	96.5
1720.00	1719.19	-18.03	28.92	34.1	121.9	1.3	91.3
1730.00	1729.19	-18.03	29.14	34.3	121.7	1.3	84.6
1740.00	1739.19	-18.04	29.36	34.5	121.6	1.3	86.4
1750.00	1749.19	-18.03	29.57	34.6	121.4	1.3	93.6
1760.00	1759.18	-18.02	29.79	34.8	121.2	1.3	85.4
1770.00	1769.18	-18.02	30.01	35.0	121.0	1.2	96.1
1780.00	1779.18	-18.03	30.22	35.2	120.8	1.2	91.7
1790.00	1789.18	-18.03	30.42	35.4	120.7	1.3	89.4
1800.00	1799.17	-18.02	30.64	35.5	120.5	1.3	93.4
1810.00	1809.17	-18.03	30.86	35.7	120.3	1.3	86.7
1820.00	1819.17	-18.03	31.09	35.9	120.1	1.4	95.9
1830.00	1829.17	-18.04	31.30	36.1	120.0	1.3	89.9
1840.00	1839.16	-18.04	31.53	36.3	119.8	1.4	89.5
1850.00	1849.16	-18.04	31.77	36.5	119.6	1.4	84.7
1860.00	1859.16	-18.05	32.01	36.7	119.4	1.3	93.2
1870.00	1869.15	-18.06	32.23	36.9	119.3	1.3	90.3
1880.00	1879.15	-18.05	32.44	37.1	119.1	1.2	85.5
1890.00	1889.15	-18.03	32.67	37.3	118.9	1.5	87.5
1900.00	1899.15	-18.01	32.92	37.5	118.7	1.5	87.2
1910.00	1909.14	-17.98	33.17	37.7	118.5	1.5	83.6
1920.00	1919.14	-17.95	33.43	37.9	118.2	1.7	85.2
1930.00	1929.13	-17.92	33.71	38.2	118.0	1.6	86.3
1940.00	1939.13	-17.90	33.98	38.4	117.8	1.8	92.9
1950.00	1949.13	-17.90	34.27	38.7	117.6	1.6	90.4
1960.00	1959.12	-17.90	34.53	38.9	117.4	1.5	92.8

1950.00	1949.13	-17.90	34.27	38.7	117.6	1.6	90.4
1960.00	1959.12	-17.90	34.53	38.9	117.4	1.5	92.8
1970.00	1969.12	-17.91	34.78	39.1	117.3	1.5	85.4
1980.00	1979.11	-17.92	35.05	39.4	117.1	1.7	94.7
1990.00	1989.11	-17.93	35.33	39.6	116.9	1.7	90.1
2000.00	1999.11	-17.95	35.61	39.9	116.8	1.5	94.5
2010.00	2009.10	-17.98	35.88	40.1	116.6	1.7	94.1
2020.00	2019.10	-18.00	36.16	40.4	116.5	1.8	90.7
2030.00	2029.09	-18.02	36.48	40.7	116.3	1.9	278.9
2040.00	2039.09	-18.03	36.79	41.0	116.1	1.9	91.2
2050.00	2049.08	-18.05	37.11	41.3	115.9	2.0	89.9
2060.00	2059.08	-18.07	37.45	41.6	115.8	2.0	90.2
2070.00	2069.07	-18.06	37.77	41.9	115.6	2.0	90.0
2080.00	2079.06	-18.08	38.10	42.2	115.4	1.9	88.1
2090.00	2089.06	-18.08	38.45	42.5	115.2	2.2	90.5
2100.00	2099.05	-18.07	38.77	42.8	115.0	1.9	89.0
2110.00	2109.05	-18.06	39.11	43.1	114.8	2.0	89.8
2120.00	2119.04	-18.05	39.44	43.4	114.6	2.0	96.4
2130.00	2129.03	-18.05	39.78	43.7	114.4	2.0	84.1
2140.00	2139.03	-18.04	40.11	44.0	114.2	1.9	277.3
2150.00	2149.02	-18.03	40.46	44.3	114.0	2.0	94.5
2160.00	2159.01	-18.03	40.81	44.6	113.8	2.1	91.5
2170.00	2169.01	-17.97	40.68	44.5	113.8	2.0	283.8
2170.80	2169.81	-17.96	40.65	44.4	113.8	2.0	278.9



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

**COMPANY: CNX**

**HOLE #: F-10**

**LOCATION: CHILDRESS BRANCH**

**DRILL RIG #:17**

**DATE STARTED: 06-05-07**

**DATED COMPLETED: 06-08-07**

**ELECTRIC LOGGED: YES**

**GROUTED: YES**

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	15	15	OVERBURDEN	
15	24	9	SAND/SHALE/SAND STONE	
24	30	6	SANDY SHALE	
30	60	30	SANDY SHALE/COAL	
60	90	30	SANDY SHALE	
90	120	30	SANDY SHALE/COAL	
120	150	30	SAND STONE/SANDY	
150	180	30	SANDY SHALE/SHALE	
180	210	30	SAND STONE	
210	240	30	SAND STONE/SANDY SHALE	
240	270	30	SANDY SHALE	
270	300	30	SANDY SHALE/COAL/SANDY	
300	330	30	SANDY SHALE	
330	360	30	SANDY SHALE/COAL/SANDY	
360	450	90	SANDY SHALE	
450	480	30	SANDY SHALE/SHALE	
480	510	30	SHALE/COAL/SAND STONE	
510	570	60	SAND STONE	
570	600	30	COAL/SAND STONE	
600	630	30	SANDY SHALE/COAL/SANDY	
630	660	30	SANDY SHALE	
660	690	30	SANDY SHALE/COAL/SAND	
690	720	30	SANDY SHALE	
720	750	30	SANDY SHALE/SHALE	
750	780	30	SANDY SHALE/COAL/SAND	
780	810	30	SAND STONE/COAL/SANDY	
810	840	30	SAND STONE	
840	870	30	SAND STONE/SANDY SHALE	
870	900	30	SANDY SHALE/COAL/SANDY	
900	930	30	SANDY SHALE/SAND STONE	
930	960	30	SANDY SHALE	
960	990	30	SANDY SHALE/COAL/SHALE	
990	1020	30	SANDY SHALE/SHALE	

1020	1080	60	SAND STONE/SANDY SHALE
1080	1140	60	SAND STONE
1140	1170	30	SANDY SHALE/SHALE
1170	1200	30	SANDY SHALE/COAL/ SHALE
1200	1290	90	SANDY SHALE/SHALE
1290	1320	30	SANDY SHALE/SAND STONE
1320	1350	30	SANDY SHALE/COAL/SHALE
1350	1380	30	SHALE/SANDY SHALE/SAND
STONE			
1380	1410	30	SAND STONE/SANDY SHALE
1410	1440	30	SAND STONE
1440	1470	30	SAND STONE/COAL/SANDY
SHALE			
1470	1500	30	SHALE/SANDY SHALE
1500	1530	30	SANDY SHALE
1530	1560	30	SANDY SHALE/SHALE
1560	1590	30	SHALE
1590	1620	30	SHALE/SANDY SHALE
1620	1650	30	SANDY SHALE
1650	1710	60	SAND STONE/SANDY SHALE
1710	1860	150	SAND STONE
1860	1890	30	SAND/SANDY SHALE
1890	1920	30	SANDY SHALE
1920			
1920	1925	5	SANDY SHALE
1925	1931	6	COAL P-3
1931	1950	19	SANDY SHALE/SAND
STONE/COAL			
1950	1980	30	SANDY SHALE/SAND STONE
1980	2040	60	SAND STONE
2040	2070	30	SAND STONE/COAL/SAND
STONE			
2070	2100	30	SANDY SHALE/SAND STONE
2100	2130	30	SAND STONE
2130	2160	30	SAND STONE/SANDY SHALE
2160			
2160	2190	30	SANDY SHALE
2190	2200	10	RED SHALE

**2200' - TOTAL DEPTH**

**24' - 13 3/8" CASING**

**574.60' - 7" CASING**

**1990.13' - 4 1/2" CASING**