



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: 705  
 Company: CNX Gas Company LLC  
 File Number: BU-3414  
 Operations Name: CBM E22 W/PL  
 Operation Type: Coalbed/Pipeline  
 Drilling Report Type: Original

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

#### 1. Drilling Data

Date drilling commenced: 6/20/2007 Drilling Contractor: Noah Horn  
 Date drilling completed: 6/26/2007 Rig Type:  Rotary  Cable Tool  
 Driller's Total Depth (feet): 1,960  
 Log Total Depth (feet): 1,941 Coal Seam At Total Depth PARDEE

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

Permitted State Plane X 984,971 Final Plat State Plane X: 984,974  
 Permitted State Plane Y: 359,248 Final Plat State Plane Y: 359,245

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	E22 Plat.pdf

#### 3. Geological Data

*Fresh Water At:*

Depth (in feet)	Rate	Unit of Measure
1,440	Damp	GPM
20	2-3	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	E22 Exhibit A.pdf

**Gas and Oil Shows**

List of Attached Items:

Description	FileName
Gas Show	E22 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	E22 Deviation.pdf

**6. Casing and Tubing Program**

List of Attached Items:

Description	FileName
Casing	E22 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.

7" casing cemented on the backside to surface

**8. Drillers Log**

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	E22 Drill Data.pdf

**9. Comments**

amount of 7" casing on spreadsheet doesn't match Drill Data or inspection report; please verify and resubmit [ljs 10/11/07]  
CNX verified 7" casing [ljs 10/11/07]

**10. Signature**

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

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

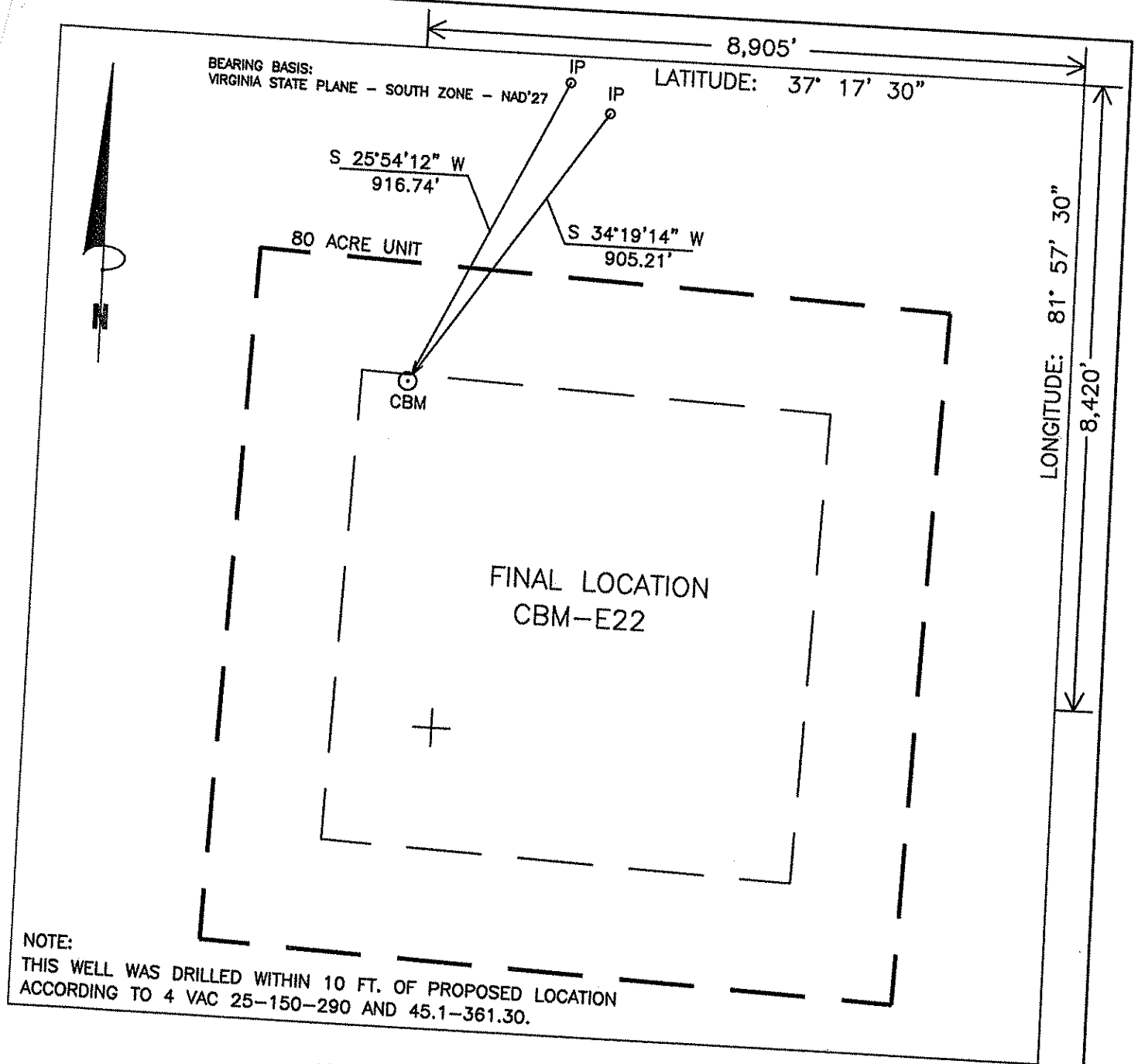
**INTERNAL USE ONLY**

Submit Date: 10/11/2007

Status: Inspr Approved

Date: 10/11/2007

Final PDF Date: 10/11/2007



### WELL LOCATION PLAT

E22FNL  
1N16/65-596/48

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-E22  
 TRACT NUMBER SLOCUM LAND DISTRICT: GARDEN QUADRANGLE PATTERSON

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 359,244.95 E 984,973.54  
 ELEVATION: 1626.39' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S  
 COUNTY BUCHANAN Scale: 1" = 400' Date 06-27-07

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

+ Denotes the location of a well on United States Topographic Maps, scale 1" 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)

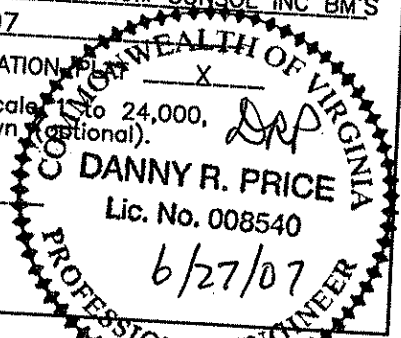


Exhibit A

Well Name: 07 CBM E22

SURFACE ELEV: 1626.39 EASTING: 984973.54 NORTHING: 359244.95

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
KN1	38.90	40.90	1587.49	2.00	
	40.90	50.90	1585.49	10.00	
KN2	50.90	53.90	1575.49	3.00	
	53.90	147.90	1572.49	94.00	
AL1	147.90	149.00	1478.49	1.10	
	149.00	264.10	1477.39	115.10	
RA2	264.10	265.80	1362.29	1.70	
	265.80	386.60	1360.59	120.80	
JB1	386.60	387.90	1239.79	1.30	
	387.90	413.40	1238.49	25.50	
JB3	413.40	415.10	1212.99	1.70	
	415.10	446.80	1211.29	31.70	
T2	446.80	447.80	1179.59	1.00	
	447.80	476.10	1178.59	28.30	
T1	476.10	476.20	1150.29	0.10	
	476.20	742.30	1150.19	266.10	
GC2	742.30	742.90	884.09	0.60	
	742.90	827.60	883.49	84.70	
*SE2	827.60	828.90	798.79	1.30	
	828.90	942.10	797.49	113.20	
*UH1	942.10	942.90	684.29	0.80	
	942.90	986.80	683.49	43.90	
*UH2	986.80	987.80	639.59	1.00	
	987.80	1024.10	638.59	36.30	
*MH1	1024.10	1025.50	602.29	1.40	
	1025.50	1025.60	600.89	0.10	
*MH1	1025.60	1025.80	600.79	0.20	
	1025.80	1133.90	600.59	108.10	
*P11	1133.90	1138.10	492.49	4.20	
	1138.10	1176.90	488.29	38.80	
*P10	1176.90	1177.20	449.49	0.30	
	1177.20	1177.50	449.19	0.30	
*P10	1177.50	1178.00	448.89	0.50	
	1178.00	1250.90	448.39	72.90	
*P91	1250.90	1251.10	375.49	0.20	
	1251.10	1252.80	375.29	1.70	
*P91	1252.80	1253.30	373.59	0.50	
	1253.30	1253.90	373.09	0.60	
*P92	1253.90	1255.10	372.49	1.20	
	1255.10	1493.10	371.29	238.00	
*P52	1493.10	1497.10	133.29	4.00	
	1497.10	1631.70	129.29	134.60	
*P3	1631.70	1635.49	-5.31	3.79	
	1635.49	1717.70	-9.10	82.21	
*P01	1717.70	1717.80	-91.31	0.10	
	1717.80	1774.00	-91.41	56.20	
*SJ3	1774.00	1775.80	-147.61	1.80	

1775.80 1960.00 -149.41 184.20

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO MIDWAY BRANCH.  
GAMMA-CALIPER LOG FROM 0 TO 310.00  
GAMMA-DENSITY LOG FROM 310.00 TO TD.  
NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION  
FILE: H:\JIMHAZ~1\PROJECTS\GAS\E22.CMP  
DATE: 07/10/07

Well: E22

**Oil & Gas Show**

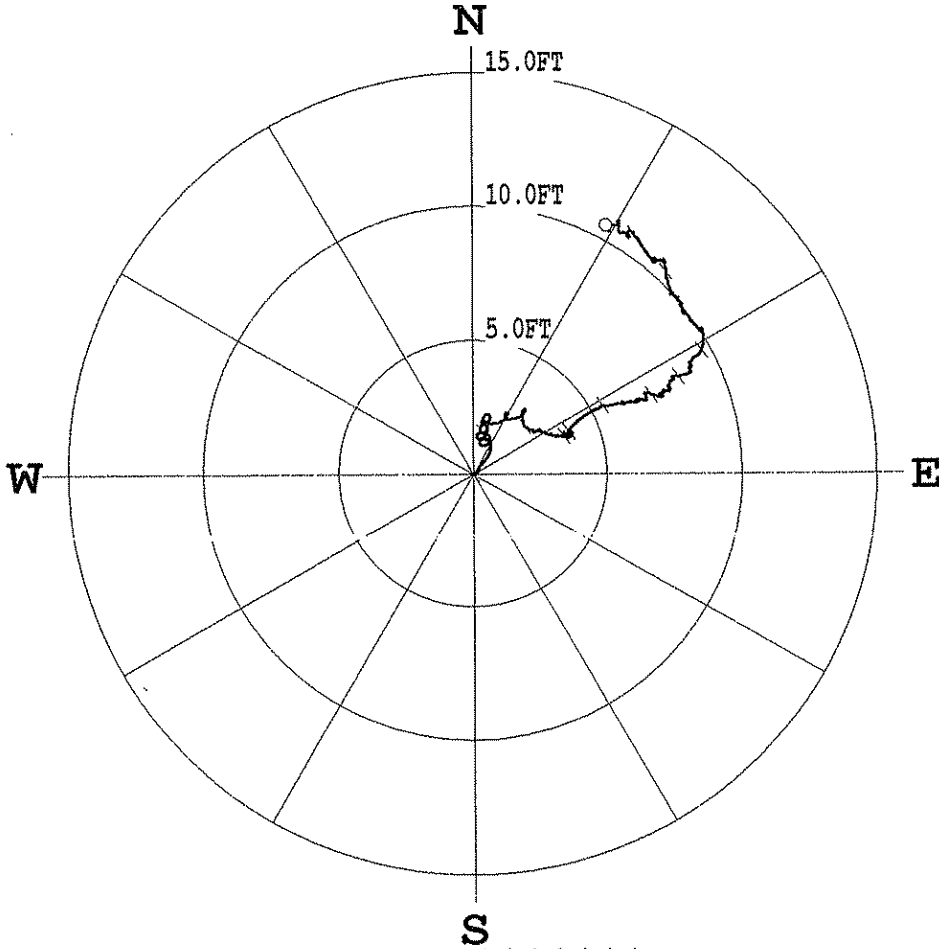
Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure	Hours Tested
Lee/Norton	827	1255	428			
Pocahontas	1493	1776	283			
Total IPF				Not Taken		

# PLAN VIEW COMPU-LOG DEVIATION

CLIENT: CNX GAS  
 LOCATION: -  
 HOLE ID: 07-CNX-E-22  
 DATE OF LOG: 06/26/07  
 PROBE: 9136CH 1244



SCALE: 5 FT/IN  
 TRUE DEPTH: 1940.93 FT  
 AZIMUTH: 28.3  
 DISTANCE: 10.5 FT  
 + = 150 FT INCR  
 ○ = BOTTOM OF HOLE



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

CLIENT : CNX GAS	HOLE ID. : 07-CNX-E-22	
FIELD OFFICE : O'DRISCOLL	DATE OF LOG : 06/26/07	
DATA FROM : -	PROBE : 9136CH , 1244	
MAG. DECL. : -7.100	DEPTH UNITS : FEET	
LOG: 07-CNX-E-22_06-26-07_04-02_9136CH_10_0.00_1941.30_DEVI.log		

TABLE 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	0.08	0.06	0.1	38.9	1.9	78.7
20.00	19.99	0.27	0.23	0.4	40.0	1.9	36.0
30.00	29.99	0.53	0.44	0.7	39.3	1.9	40.3
40.00	39.98	0.82	0.61	1.0	36.9	1.9	16.1
50.00	49.98	1.14	0.62	1.3	28.6	1.9	343.5
60.00	59.97	1.32	0.38	1.4	15.9	1.9	265.0
70.00	69.97	1.11	0.27	1.1	13.6	1.7	126.6
80.00	79.96	1.13	0.55	1.3	26.0	1.8	52.7
90.00	89.95	1.43	0.57	1.5	21.8	2.3	317.4
100.00	99.95	1.53	0.26	1.6	9.8	1.8	255.0
110.00	109.94	1.32	0.16	1.3	7.1	1.7	117.9
120.00	119.94	1.40	0.44	1.5	17.4	1.9	51.9
130.00	129.93	1.74	0.54	1.8	17.3	2.4	353.3
140.00	139.93	1.77	0.29	1.8	9.4	1.7	214.4
150.00	149.92	1.53	0.35	1.6	13.0	1.7	91.1
160.00	159.92	1.79	0.53	1.9	16.4	2.1	359.7
170.00	169.91	1.94	0.33	2.0	9.6	1.6	203.8
180.00	179.91	1.93	0.56	2.0	16.3	2.4	41.4
190.00	189.90	2.22	0.58	2.3	14.7	0.9	308.2
200.00	199.90	2.13	0.40	2.2	10.7	1.3	208.0
210.00	209.89	1.90	0.54	2.0	15.8	2.4	106.0
220.00	219.88	1.92	1.00	2.2	27.5	2.4	59.8



150.00	159.92	1.79	0.53	1.9	16.4	2.1	359.7
160.00	169.91	1.94	0.33	2.0	9.6	1.6	203.8
180.00	179.91	1.93	0.56	2.0	16.3	2.4	41.4
190.00	189.90	2.22	0.58	2.3	14.7	0.9	308.2
200.00	199.90	2.13	0.40	2.2	10.7	1.3	208.0
210.00	209.89	1.90	0.54	2.0	15.8	2.4	106.0
220.00	219.88	1.92	1.00	2.2	27.5	2.4	59.8
230.00	229.87	2.15	1.26	2.5	30.5	1.0	26.0
240.00	239.87	2.29	1.27	2.6	29.1	0.6	271.3
250.00	249.87	2.14	1.19	2.5	29.1	0.9	193.6
260.00	259.86	2.07	1.58	2.6	37.3	2.8	75.6
270.00	269.85	2.26	1.90	3.0	40.0	1.9	41.7
280.00	279.85	2.38	1.90	3.0	38.6	0.9	239.9
290.00	289.85	2.15	1.84	2.8	40.4	1.9	173.7
300.00	299.84	1.80	1.91	2.6	46.6	2.5	140.3
310.00	309.83	1.60	2.31	2.8	55.4	1.2	235.6
320.00	319.83	1.56	2.30	2.8	56.0	0.8	72.5
330.00	329.83	1.60	2.38	2.9	56.0	1.2	115.6
340.00	339.82	1.65	2.50	3.0	56.7	0.6	174.4
350.00	349.82	1.58	2.56	3.0	58.4	0.7	108.4
360.00	359.82	1.54	2.65	3.1	59.9	0.4	111.9
370.00	369.82	1.54	2.68	3.1	60.1	0.3	284.6
380.00	379.82	1.52	2.72	3.1	60.8	0.8	123.6
390.00	389.82	1.46	2.82	3.2	62.6	1.0	124.9
400.00	399.82	1.46	2.93	3.3	63.4	0.7	165.1
410.00	409.82	1.41	3.04	3.4	65.0	0.7	115.3
420.00	419.82	1.41	3.14	3.4	65.9	0.5	42.4
430.00	429.82	1.42	3.21	3.5	66.2	0.5	99.4
440.00	439.82	1.41	3.31	3.6	66.9	0.7	84.0
450.00	449.82	1.39	3.39	3.7	67.7	0.7	58.5
460.00	459.82	1.46	3.41	3.7	66.9	0.1	16.1
470.00	469.82	1.48	3.41	3.7	66.5	0.2	336.6
480.00	479.82	1.51	3.41	3.7	66.1	0.1	21.7
490.00	489.82	1.54	3.40	3.7	65.6	0.1	303.9
500.00	499.82	1.55	3.39	3.7	65.4	0.2	252.5
510.00	509.82	1.51	3.37	3.7	65.9	0.2	153.5
520.00	519.82	1.45	3.39	3.7	66.8	0.3	162.6
530.00	529.82	1.40	3.40	3.7	67.7	0.3	165.4
540.00	539.82	1.39	3.45	3.7	68.0	0.4	55.9
550.00	549.82	1.41	3.51	3.8	68.1	0.4	84.2
560.00	559.82	1.42	3.57	3.8	68.3	0.4	63.6
570.00	569.82	1.45	3.61	3.9	68.1	0.2	46.0
580.00	579.82	1.50	3.63	3.9	67.6	0.3	351.1
590.00	589.82	1.54	3.61	3.9	66.9	0.3	307.7
600.00	599.82	1.56	3.57	3.9	66.4	0.3	278.4
610.00	609.82	1.54	3.53	3.9	66.4	0.3	206.2
620.00	619.81	1.50	3.52	3.8	66.9	0.3	178.1
630.00	629.81	1.46	3.51	3.8	67.4	0.3	212.5
640.00	639.81	1.42	3.49	3.8	67.9	0.3	173.4
650.00	649.81	1.38	3.51	3.8	68.6	0.3	146.7
660.00	659.81	1.36	3.55	3.8	69.1	0.3	83.4
670.00	669.81	1.38	3.60	3.9	69.0	0.3	66.8
680.00	679.81	1.40	3.64	3.9	68.9	0.3	72.3
690.00	689.81	1.42	3.68	3.9	68.9	0.3	58.3
700.00	699.81	1.46	3.69	4.0	68.4	0.3	13.9
710.00	709.81	1.51	3.70	4.0	67.8	0.3	1.1
720.00	719.81	1.55	3.68	4.0	67.2	0.3	295.8
730.00	729.81	1.56	3.63	4.0	66.8	0.3	271.4
740.00	739.81	1.57	3.60	3.9	66.4	0.1	310.1
750.00	749.81	1.59	3.58	3.9	66.1	0.2	77.3
760.00	759.81	1.62	3.59	3.9	65.7	0.8	57.8
770.00	769.81	1.66	3.60	4.0	65.2	0.3	320.5
780.00	779.81	1.70	3.64	4.0	64.9	0.5	18.9
790.00	789.81	1.76	3.69	4.1	64.5	0.4	39.1
800.00	799.81	1.83	3.76	4.2	64.0	0.5	33.5
810.00	809.81	1.89	3.82	4.3	63.7	0.5	57.2
820.00	819.81	1.97	3.87	4.3	63.0	0.9	283.8
830.00	829.81	1.95	3.88	4.3	63.3	0.8	333.7
840.00	839.81	2.02	3.96	4.4	63.0	0.7	66.0
850.00	849.81	2.11	4.09	4.6	62.7	1.1	57.4
860.00	859.81	2.20	4.23	4.8	62.5	0.7	39.1
870.00	869.80	2.30	4.37	4.9	62.2	0.8	53.7
880.00	879.80	2.37	4.50	5.1	62.2	0.9	53.6
890.00	889.80	2.42	4.66	5.3	62.6	1.1	72.6
900.00	899.80	2.53	4.83	5.4	62.4	1.1	58.9
910.00	909.80	2.52	4.99	5.6	63.2	1.1	86.2
920.00	919.80	2.56	5.19	5.8	63.8	1.1	72.4
930.00	929.79	2.60	5.41	6.0	64.3	1.3	87.3
940.00	939.79	2.67	5.58	6.2	64.5	1.7	269.8
950.00	949.79	2.62	5.61	6.2	64.9	1.4	104.9
960.00	959.78	2.67	5.85	6.4	65.4	1.5	91.0
970.00	969.78	2.66	6.09	6.6	66.4	1.3	87.1
980.00	979.78	2.72	6.12	6.7	66.0	1.3	120.0
990.00	989.77	2.73	6.12	6.7	66.0	1.5	84.7
1000.00	999.77	2.71	6.14	6.7	66.2	1.2	178.8
1010.00	1009.77	2.76	6.28	6.9	66.3	1.5	98.4
1020.00	1019.76	2.77	6.47	7.0	66.8	1.3	336.3
1030.00	1029.76	2.92	6.41	7.0	65.5	0.7	335.1
1040.00	1039.76	2.99	6.47	7.1	65.2	0.9	89.6
1050.00	1049.76	2.94	6.63	7.3	66.1	1.0	108.7
1060.00	1059.76	2.91	6.79	7.4	66.8	1.0	104.9
1070.00	1069.76	2.88	6.93	7.5	67.4	0.8	106.1
1080.00	1079.76	2.89	7.06	7.6	67.8	1.0	12.0
1090.00	1089.75	2.95	6.94	7.5	67.0	0.8	7.2
1100.00	1099.75	2.98	7.01	7.6	66.9	0.5	60.9
1110.00	1109.75	3.02	7.10	7.7	66.9	0.7	23.3

1030.00	1029.76	2.92	6.41	7.0	65.5	0.7	335.1
1040.00	1039.76	2.99	6.47	7.1	65.2	0.9	89.6
1050.00	1049.76	2.94	6.63	7.3	66.1	1.0	108.7
1060.00	1059.76	2.91	6.79	7.4	66.8	1.0	104.9
1070.00	1069.76	2.88	6.93	7.5	67.4	0.8	106.1
1080.00	1079.76	2.89	7.06	7.6	67.8	1.0	12.0
1090.00	1089.75	2.95	6.94	7.5	67.0	0.8	7.2
1100.00	1099.75	2.98	7.01	7.6	66.9	0.5	60.9
1110.00	1109.75	3.02	7.10	7.7	66.9	0.7	23.3
1120.00	1119.75	3.10	7.07	7.7	66.3	0.9	108.1
1130.00	1129.75	3.07	7.22	7.8	66.9	0.9	97.7
1140.00	1139.75	3.15	7.34	8.0	66.8	1.1	355.8
1150.00	1149.75	3.29	7.28	8.0	65.7	0.9	68.8
1160.00	1159.75	3.42	7.31	8.1	64.9	0.7	358.9
1170.00	1169.75	3.46	7.39	8.2	64.9	0.6	54.3
1180.00	1179.75	3.53	7.45	8.2	64.6	1.1	287.9
1190.00	1189.74	3.61	7.46	8.3	64.2	0.8	77.8
1200.00	1199.74	3.62	7.62	8.4	64.6	0.9	88.3
1210.00	1209.74	3.66	7.78	8.6	64.8	1.0	90.2
1220.00	1219.74	3.70	7.96	8.8	65.1	1.0	77.3
1230.00	1229.74	3.79	8.10	8.9	64.9	1.0	334.7
1240.00	1239.74	3.96	8.06	9.0	63.8	1.0	39.3
1250.00	1249.73	4.06	8.09	9.1	63.4	0.9	280.3
1260.00	1259.73	4.13	8.08	9.1	62.9	0.4	37.9
1270.00	1269.73	4.18	8.12	9.1	62.8	0.3	29.7
1280.00	1279.73	4.23	8.16	9.2	62.6	0.4	23.3
1290.00	1289.73	4.28	8.18	9.2	62.4	0.4	12.4
1300.00	1299.73	4.31	8.17	9.2	62.2	0.1	37.8
1310.00	1309.73	4.33	8.25	9.3	62.3	0.5	59.7
1320.00	1319.73	4.37	8.32	9.4	62.3	0.5	64.6
1330.00	1329.73	4.42	8.40	9.5	62.2	0.5	41.1
1340.00	1339.73	4.51	8.45	9.6	61.9	0.7	11.0
1350.00	1349.73	4.61	8.49	9.7	61.5	0.6	27.0
1360.00	1359.73	4.72	8.53	9.8	61.0	0.8	8.0
1370.00	1369.73	4.86	8.56	9.8	60.4	0.9	356.6
1380.00	1379.73	5.02	8.56	9.9	59.6	1.0	1.1
1390.00	1389.73	5.18	8.56	10.0	58.8	1.0	357.6
1400.00	1399.72	5.37	8.54	10.1	57.9	1.1	348.6
1410.00	1409.72	5.34	8.51	10.1	57.9	1.2	137.8
1420.00	1419.72	5.33	8.44	10.0	57.7	0.6	322.5
1430.00	1429.72	5.42	8.37	10.0	57.1	0.8	323.7
1440.00	1439.72	5.51	8.29	10.0	56.4	0.7	318.0
1450.00	1449.72	5.61	8.21	9.9	55.6	0.8	332.6
1460.00	1459.72	5.68	8.11	9.9	55.0	0.8	287.4
1470.00	1469.72	5.77	8.09	9.9	54.5	0.7	10.4
1480.00	1479.71	5.87	8.01	9.9	53.8	0.7	314.9
1490.00	1489.71	5.96	7.93	9.9	53.1	0.6	325.3
1500.00	1499.71	6.00	7.87	9.9	52.7	0.7	218.4
1510.00	1509.71	6.05	7.81	9.9	52.2	1.2	345.9
1520.00	1519.71	6.25	7.76	10.0	51.2	1.1	349.3
1530.00	1529.71	6.42	7.68	10.0	50.1	1.2	281.1
1540.00	1539.71	6.31	7.76	10.0	50.9	0.7	154.9
1550.00	1549.70	6.41	7.68	10.0	50.2	0.7	325.6
1560.00	1559.70	6.50	7.61	10.0	49.5	0.8	261.1
1570.00	1569.70	6.53	7.65	10.1	49.5	1.4	172.9
1580.00	1579.70	6.56	7.57	10.0	49.1	0.8	303.0
1590.00	1589.70	6.65	7.46	10.0	48.3	0.8	344.7
1600.00	1599.70	6.74	7.40	10.0	47.6	0.8	262.5
1610.00	1609.70	6.69	7.35	9.9	47.7	1.2	28.8
1620.00	1619.70	6.87	7.34	10.1	46.9	1.3	352.5
1630.00	1629.69	7.08	7.26	10.1	45.7	1.2	353.8
1640.00	1639.69	7.28	7.21	10.2	44.7	1.1	326.1
1650.00	1649.69	7.49	7.19	10.4	43.9	1.2	6.7
1660.00	1659.69	7.69	7.17	10.5	43.0	1.2	344.6
1670.00	1669.68	7.89	7.13	10.6	42.1	1.3	9.3
1680.00	1679.68	7.89	7.15	10.6	42.2	1.0	118.9
1690.00	1689.68	7.89	7.06	10.6	41.8	0.9	303.5
1700.00	1699.68	7.94	6.93	10.5	41.1	0.8	253.5
1710.00	1709.68	7.98	6.82	10.5	40.5	1.0	320.5
1720.00	1719.68	7.91	6.80	10.4	40.7	1.5	159.2
1730.00	1729.67	7.92	6.70	10.4	40.2	1.0	335.5
1740.00	1739.67	8.07	6.61	10.4	39.3	1.1	327.6
1750.00	1749.67	8.23	6.50	10.5	38.3	1.0	344.1
1760.00	1759.67	8.37	6.39	10.5	37.4	1.1	323.3
1770.00	1769.67	8.52	6.30	10.6	36.5	1.1	318.6
1780.00	1779.66	8.67	6.20	10.7	35.6	1.0	335.4
1790.00	1789.66	8.80	6.12	10.7	34.8	1.1	308.8
1800.00	1799.66	8.94	6.02	10.8	34.0	1.1	352.2
1810.00	1809.66	9.02	5.94	10.8	33.3	1.1	356.9
1820.00	1819.66	9.00	5.81	10.7	32.9	1.0	218.4
1830.00	1829.65	8.80	5.84	10.6	33.6	1.0	286.1
1840.00	1839.65	8.93	5.74	10.6	32.7	0.9	323.8
1850.00	1849.65	8.98	5.60	10.6	32.0	1.0	234.7
1860.00	1859.65	9.05	5.46	10.6	31.1	1.0	316.0
1870.00	1869.65	9.27	5.47	10.8	30.5	1.1	359.4
1880.00	1879.64	9.31	5.47	10.8	30.4	1.5	35.8
1890.00	1889.64	9.41	5.43	10.9	30.0	0.4	347.8
1900.00	1899.64	9.33	5.46	10.8	30.3	0.9	183.7
1910.00	1909.64	9.27	5.34	10.7	29.9	1.3	283.2
1920.00	1919.64	9.18	5.13	10.5	29.2	1.3	248.7
1930.00	1929.63	9.05	5.10	10.4	29.4	1.3	289.0
1940.00	1939.63	9.23	4.98	10.5	28.4	1.7	3.7
1941.30	1940.93	9.27	4.98	10.5	28.3	1.7	4.1

1900.00	1899.64	9.33	5.43	10.9	30.0	0.4	347.8
1910.00	1909.64	9.27	5.46	10.8	30.3	0.9	183.7
1920.00	1919.64	9.18	5.34	10.7	29.9	1.3	283.2
1930.00	1929.63	9.05	5.13	10.5	29.2	1.3	248.7
1940.00	1939.63	9.23	5.10	10.4	29.4	1.3	289.0
1941.30	1940.93	9.27	4.98	10.5	28.4	1.7	3.7
			4.98	10.5	28.3	1.7	4.1



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

**COMPANY: CNX**

**HOLE #: E-22**

**LOCATION: DISMAL RIVER**

**DRILL RIG #: 17**

**DATE STARTED: 06/20/07**

**DATED COMPLETED: 06-26-07**

**ELECTRIC LOGGED: YES**

**GROUTED: YES**

<b>DEPTH</b>	<b>THICKNESS</b>	<b>STRATA</b>	<b>REMARKS</b>
<b>FROM</b>	<b>TO</b>	<b>FT</b>	<b>DESCRIPTION, VOIDS ETC</b>
0	2	2	OVERBURDEN
2	14	12	SANDY SHALE/SAND STONE
14	30	16	SANDY SHALE/SHALE
30	60	30	SHALE/COAL/SANDY SHALE
60	90	30	SHALE/SANDY SHALE
90	120	30	SANDY SHALE/SAND STONE
120	150	30	SANDY SHALE
150	180	30	SANDY SHALE/SHALE
180	210	30	SANDY SHALE
210	240	30	SAND STONE/SANDY SHALE
240	270	30	SANDY SHALE/COAL/SHALE
270	330	60	SANDY SHALE
330	360	30	SAND/SANDY SHALE
360	480	120	SANDY SHALE/COAL/SANDY SHALE
480	510	30	SANDY SHALE
510	540	30	SANDY SHALE/SAND
540	570	30	SAND/SANDY SHALE
570	600	30	SAND STONE
600	660	60	SAND STONE/SANDY SHALE
660	690	30	SANDY SHALE
690	720	30	SHALE
720	750	30	SHALE/SANDY SHALE
750	810	60	SAND STONE/SANDY SHALE
810	840	30	SAND STONE/COAL/SANDY SHALE
840	870	30	SANDY SHALE/SHALE
870	930	60	SANDY SHALE
930	990	60	SAND STONE
990	1020	30	SANDY SHALE/COAL/SAND STONE
1020	1050	30	SANDY SHALE/SHALE
1050	1080	30	SHALE
1080	1110	30	SHALE
1110	1140	30	SHALE/COAL/SANDY SHALE
1140	1170	30	SAND STONE/SANDY SHALE
1170	1200	30	SANDY SHALE/SAND STONE
1200	1230	30	SAND/SANDY SHALE
1230	1260	30	SANDY SHALE/COAL/SANDY SHALE

1260	1290	30	SANDY SHALE
1290	1320	30	SANDY SHALE/COAL/SHALE
1320	1350	30	SHALE
1350	1380	30	SHALE/SAND
1380	1410	30	SANDY SHALE
1410	1470	60	SAND STONE
1470	1500	30	SAND/COAL/SANDY SHALE
1500	1530	30	SANDY SHALE/COAL/SANDY
SHALE			
1530	1560	30	SANDY SHALE
1560	1590	30	SAND/SANDY SHALE
1590	1624	34	SANDY SHALE
1624	1628	4	COAL P-3
1628	1650	22	SANDY SHALE
1650	1680	30	SANDY SHALE
1680	1710	30	SANDY SHALE/COAL/SANDY
SHALE			
1710	1740	30	SANDY SHALE
1740			
1740	1770	30	SANDY SHALE
1770	1830	60	SANDY SHALE/SHALE
1830	1860	30	SAND STONE/SANDY SHALE
1860	1890	30	SHALE
1890	1920	30	SANDY SHALE/SHALE
1920	1960	40	SANDY SHALE/SHALE/RED
SHALE			

**1960' – TOTAL DEPTH**  
**14' – 13 3/8" CASING**  
**310.80' – 7" CASING**  
**1755.59' – 4 1/2" CASING**