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: 866
Company: CNX Gas Company LLC
File Number: BU-3397
Operations Name: CBM AA0 W/PL
Operation Type: Coalbed/Pipeline
Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/14/2007
Date drilling completed: 7/18/2007
Driller's Total Depth (feet): 2,500
Log Total Depth (feet): 2,475
Drilling Contractor: Noah Horn
Rig Type: ☑ Rotary ☐ Cable Tool
Coal Seam At Total Depth: Pocahontas

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

Permitted State Plane X: 943,325
Permitted State Plane Y: 319,326
Final Plat State Plane X: 943,329
Final Plat State Plane Y: 319,327
☐ Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	AA0 Plat.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
110	Damp	GPM
1,360	Damp	GPM

Salt Water At:

Depth (in feet)	Rate	Unit of Measure

Coal Seams

List of Attached Items:

Description	FileName
Exhibit A	AA0 ExhibitA.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
Show Gas	AA0 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	AA0 Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casing	AA0 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/occurence.

8. Drillers Log

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	AA0 Drill Data.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 11/27/2007 *(Company)*

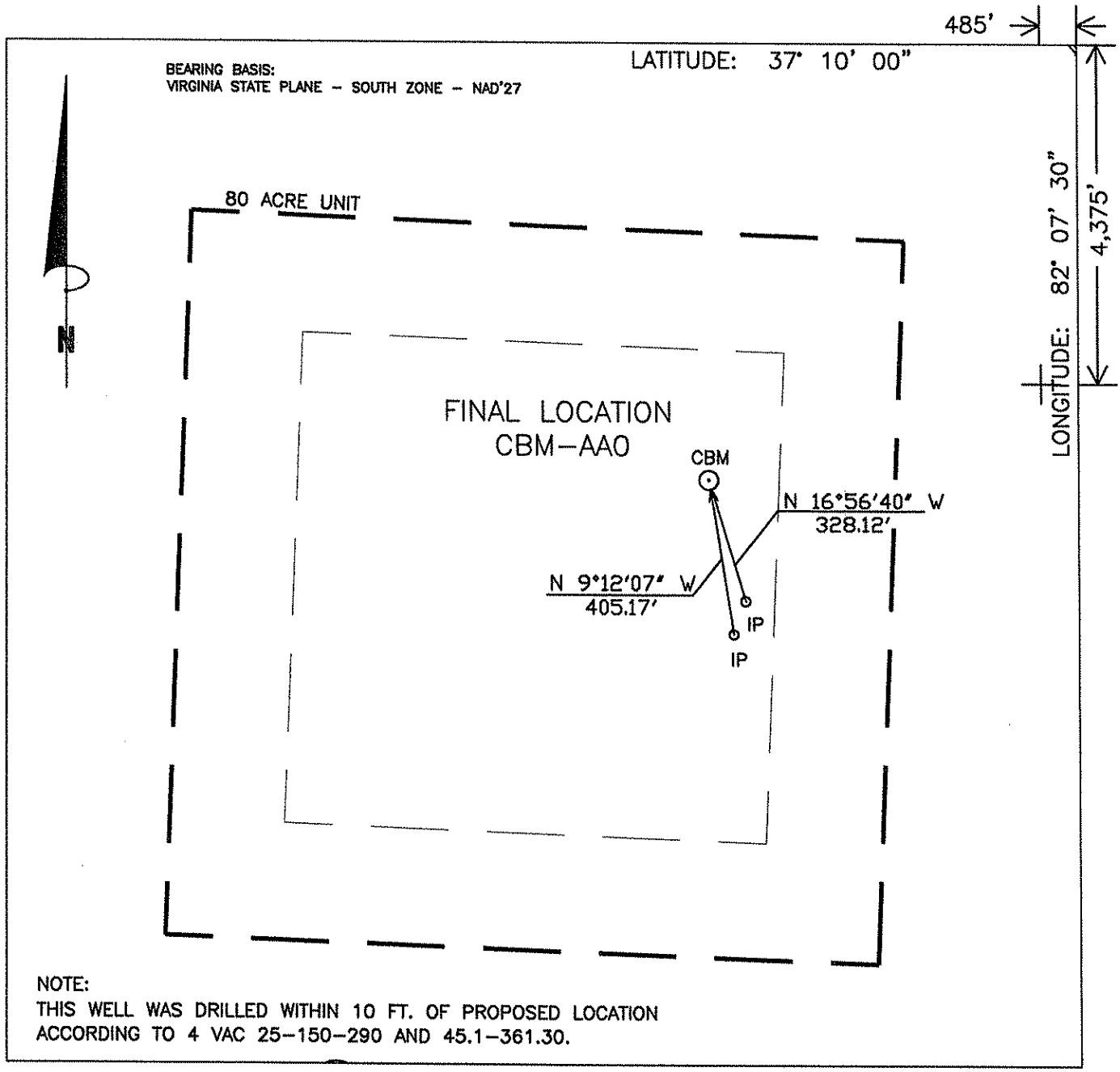
Signed By: Leslie K. Arrington Title: Manager *(Signature)*

INTERNAL USE ONLY

Submit Date: 11/27/2007

Status: Inspr Approved Date: 12/3/2007

Final PDF Date: 12/3/2007



WELL LOCATION PLAT

AA0FNL
7-11/171-0601/34

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM–AA0

TRACT NUMBER LEVISA COAL CO QUADRANGLE PRATER

DISTRICT: PRATER

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 319,326.82 E 943,329.10

ELEVATION: 2201.09' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOLIDATED CBM'S

COUNTY BUCHANAN Scale: 1" = 400' Date 07–17–07

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, scale 1:24,000, latitude and longitude lines being represented by border lines as shown. (optional).

Danny R. Price

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

COMMONWEALTH OF VIRGINIA
DANNY R. PRICE
Lic. No. 008540
7/17/07
PROFESSIONAL ENGINEER

Form DGO–GO–7
Rev. 10/96

Exhibit A

Well Name: 07 CBM AA0
SURFACE ELEV: 2201.09 EASTING: 943329.10 NORTHING: 319326.82

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
HG1	81.00	84.00	2120.09	3.00	
	84.00	194.70	2117.09	110.70	
SD1	194.70	196.00	2006.39	1.30	
	196.00	213.80	2005.09	17.80	
SD2	213.80	214.90	1987.29	1.10	
	214.90	284.20	1986.19	69.30	
UB1	284.20	284.90	1916.89	0.70	
	284.90	370.10	1916.19	85.20	
LB1	370.10	370.80	1830.99	0.70	
	370.80	559.00	1830.29	188.20	
KN1	559.00	559.40	1642.09	0.40	
	559.40	586.90	1641.69	27.50	
KN2	586.90	588.50	1614.19	1.60	
	588.50	707.70	1612.59	119.20	
AL1	707.70	708.00	1493.39	0.30	
	708.00	738.80	1493.09	30.80	
AL2	738.80	740.20	1462.29	1.40	
	740.20	818.90	1460.89	78.70	
RA2	818.90	820.60	1382.19	1.70	
	820.60	949.80	1380.49	129.20	
JB1	949.80	951.90	1251.29	2.10	
	951.90	952.10	1249.19	0.20	
JB2	952.10	952.80	1248.99	0.70	
	952.80	976.50	1248.29	23.70	
JB3	976.50	977.50	1224.59	1.00	
	977.50	1045.90	1223.59	68.40	
T1	1045.90	1046.30	1155.19	0.40	
	1046.30	1063.80	1154.79	17.50	
TI	1063.80	1064.70	1137.29	0.90	
	1064.70	1159.10	1136.39	94.40	
*US1	1159.10	1159.60	1041.99	0.50	
	1159.60	1202.90	1041.49	43.30	
*US2	1202.90	1203.90	998.19	1.00	
	1203.90	1306.80	997.19	102.90	
*GC2	1306.80	1307.10	894.29	0.30	
	1307.10	1403.20	893.99	96.10	
*SE1	1403.20	1403.90	797.89	0.70	
	1403.90	1523.80	797.19	119.90	
*UH1	1523.80	1524.60	677.29	0.80	
	1524.60	1584.40	676.49	59.80	
*MH1	1584.40	1584.80	616.69	0.40	
	1584.80	1792.90	616.29	208.10	
*LH3	1792.90	1794.40	408.19	1.50	
	1794.40	1857.00	406.69	62.60	
*P91	1857.00	1859.80	344.09	2.80	
	1859.80	2239.80	341.29	380.00	
*P41	2239.80	2240.80	-38.71	1.00	
	2240.80	2346.90	-39.71	106.10	

*P01	2346.90	2348.00	-145.81	1.10
	2348.00	2500.00	-146.91	152.00

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
WELL'S PROXIMITY TO FOX CREEK.
GAMMA-CALIPER LOG FROM 0 TO 221.00
GAMMA-DENSITY LOG FROM 221.00 TO TD.
NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
FILE: D:\PROJECTS\VP_JJK\GAS\AA0.CMP
DATE: 08/27/07

Well: AA0

Oil & Gas Show

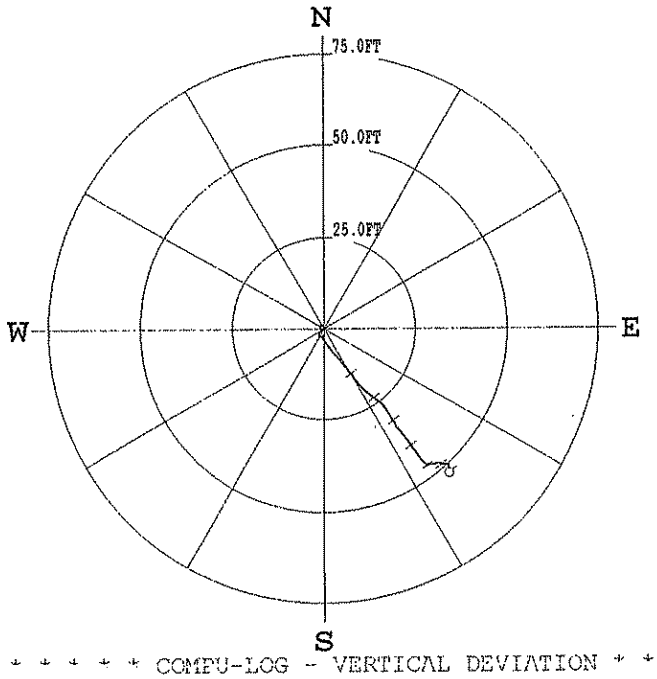
Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure	Hours Tested
Lee/Norton	1159	1860	701			
Pocahontas	2239	2348	109			
Total IPF				No Show		

COMPU-LOG DEVIATION

CLIENT: Consol Energy
LOCATION:
HOLE ID: 07-CNX-AA-0
DATE OF LOG: 07/18/07
PROBE: 9136CA 962

MAG DECL: -6.9

SCALE: 25 FT/IN
TRUE DEPTH: 2457.80 FT
AZIMUTH: 139.1
DISTANCE: 52.1 FT
+ = 300 FT INCR
○ = BOTTOM OF HOLE



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

CLIENT : Consol Energy
FIELD OFFICE :
DATA FROM :
MAG. DECL. : -6.900
HOLE ID. : 07-CNX-AA-0
DATE OF LOG : 07/18/07
PROBE : 9136CA , 962
DEPTH UNITS : FEET
LOG: 07-CNX-AA-0_07-18-07_10-30_9136CA_.02_-0.02_2459.30_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
50.0	49.98	-0.35	-0.43	0.6	231.0	1.6	250.2
60.0	59.98	-0.33	-0.68	0.8	243.9	1.3	302.1
70.0	69.97	-0.14	-0.83	0.8	260.3	1.3	327.6
80.0	79.97	0.06	-0.95	1.0	273.8	1.4	326.8
90.0	89.97	0.28	-1.07	1.1	284.5	1.4	351.2
100.0	99.96	0.53	-1.07	1.2	296.4	1.5	12.2
110.0	109.96	0.72	-0.86	1.1	309.9	1.7	57.6
120.0	119.96	0.79	-0.57	1.0	324.3	1.8	100.5
130.0	129.95	0.64	-0.28	0.7	336.5	2.0	143.8
140.0	139.94	0.34	-0.14	0.4	337.5	1.9	187.5
150.0	149.94	0.01	-0.18	0.2	272.2	1.9	192.3
160.0	159.93	-0.30	-0.28	0.4	223.1	1.9	208.5
170.0	169.93	-0.52	-0.50	0.7	223.6	1.7	238.2
180.0	179.92	-0.53	-0.75	0.9	235.0	1.3	267.4
190.0	189.92	-0.69	-0.91	1.1	232.9	2.0	192.4
200.0	199.92	-0.91	-1.10	1.4	230.5	1.6	226.9
210.0	209.91	-1.06	-1.31	1.7	230.9	1.4	256.7
220.0	219.91	-1.09	-1.38	1.8	231.6	1.9	76.6
230.0	229.90	-1.26	-1.36	1.9	227.0	2.3	185.7
240.0	239.89	-1.61	-1.31	2.1	219.1	1.9	279.0
250.0	249.89	-1.55	-1.55	2.2	225.0	1.0	148.6
260.0	259.89	-1.70	-1.55	2.3	222.3	0.6	197.9
270.0	269.89	-1.84	-1.55	2.4	220.0	1.2	188.6
280.0	279.88	-1.99	-1.38	2.4	214.9	1.8	127.6
290.0	289.88	-2.13	-1.11	2.4	207.5	2.3	98.2
300.0	299.87	-2.15	-0.71	2.3	198.3	2.3	94.2
310.0	309.86	-2.26	-0.37	2.3	189.2	2.2	115.0
320.0	319.85	-2.54	-0.55	2.6	192.3	3.0	160.2
330.0	329.84	-2.96	-0.26	3.0	185.1	2.9	133.3
340.0	339.83	-3.39	0.04	3.4	179.4	2.9	153.8
350.0	349.81	-3.79	0.35	3.8	174.7	3.0	145.3
360.0	359.80	-4.22	0.64	4.3	171.4	3.0	140.0

310.0	309.86	[illegible]	[illegible]	[illegible]	[illegible]		
320.0	319.85	-2.54	-0.55	2.6	192.3	3.0	160.2
330.0	329.84	-2.96	-0.26	3.0	185.1	2.9	133.3
340.0	339.83	-3.39	0.04	3.4	179.4	2.9	153.8
350.0	349.81	-3.79	0.35	3.8	174.7	3.0	145.3
360.0	359.80	-4.22	0.64	4.3	171.4	3.0	140.0
370.0	369.78	-4.65	0.98	4.7	168.1	3.2	147.5
380.0	379.77	-5.02	1.19	5.2	166.6	2.9	34.9
390.0	389.76	-5.25	1.49	5.5	164.2	3.3	143.8
400.0	399.74	-5.69	1.80	6.0	162.4	2.9	145.1
410.0	409.73	-6.09	2.08	6.4	161.1	2.8	136.9
420.0	419.72	-6.48	2.43	6.9	159.4	3.1	138.7
430.0	429.70	-6.88	2.80	7.4	157.9	3.1	131.4
440.0	439.69	-7.29	3.15	7.9	156.6	3.1	140.9
450.0	449.67	-7.70	3.48	8.4	155.7	2.9	142.5
460.0	459.66	-8.08	3.77	8.9	155.0	2.7	140.3
470.0	469.65	-8.44	4.07	9.4	154.3	2.7	135.4
480.0	479.64	-8.80	4.37	9.8	153.6	2.7	135.7
490.0	489.63	-9.06	4.62	10.2	153.0	2.5	145.1
500.0	499.62	-9.38	4.87	10.6	152.6	2.5	133.5
510.0	509.61	-9.74	5.13	11.0	152.2	2.5	143.3
520.0	519.60	-10.07	5.40	11.4	151.8	2.6	143.2
530.0	529.59	-10.42	5.67	11.9	151.4	2.4	140.7
540.0	539.58	-10.73	5.94	12.3	151.0	2.3	141.3
550.0	549.58	-11.04	6.18	12.6	150.7	2.1	139.9
560.0	559.57	-11.27	6.36	12.9	150.6	1.5	108.4
570.0	569.56	-11.45	6.47	13.2	150.5	2.1	128.7
580.0	579.56	-11.69	6.67	13.5	150.3	2.4	130.5
590.0	589.55	-11.86	6.82	13.7	150.1	0.6	90.1
600.0	599.54	-12.15	7.01	14.0	150.0	2.5	130.4
610.0	609.53	-12.46	7.27	14.4	149.7	2.5	136.6
620.0	619.52	-12.77	7.56	14.8	149.4	2.5	138.8
630.0	629.51	-13.10	7.81	15.3	149.2	2.3	136.2
640.0	639.51	-13.43	8.07	15.7	149.0	2.4	178.3
650.0	649.50	-13.25	7.93	15.4	149.1	0.5	8.4
660.0	659.49	-13.40	7.90	15.6	149.5	2.3	136.8
670.0	669.48	-13.70	8.17	15.9	149.2	2.5	141.6
680.0	679.48	-14.02	8.40	16.3	149.1	2.2	142.4
690.0	689.47	-14.35	8.59	16.7	149.1	2.1	140.2
700.0	699.46	-14.63	8.82	17.1	148.9	2.0	142.1
710.0	709.45	-14.89	9.06	17.4	148.7	2.2	125.5
720.0	719.45	-15.19	9.28	17.8	148.6	2.1	144.3
730.0	729.44	-15.30	9.38	17.9	148.5	2.1	31.5
740.0	739.43	-15.38	9.45	18.0	148.4	2.3	157.6
750.0	749.43	-15.67	9.72	18.4	148.2	2.4	139.1
760.0	759.42	-15.98	9.99	18.8	148.0	2.2	147.3
770.0	769.41	-16.27	10.23	19.2	147.8	2.2	136.8
780.0	779.40	-16.58	10.50	19.6	147.6	2.3	139.8
790.0	789.39	-16.87	10.77	20.0	147.4	2.3	129.3
800.0	799.39	-17.15	11.06	20.4	147.2	2.4	129.2
810.0	809.38	-17.40	11.36	20.8	146.9	2.2	134.3
820.0	819.37	-17.45	11.50	20.9	146.6	0.7	237.4
830.0	829.37	-17.20	11.52	20.7	146.2	1.1	187.0
840.0	839.36	-17.47	11.51	20.9	146.6	2.1	128.5
850.0	849.35	-17.70	11.85	21.3	146.2	2.5	121.0
860.0	859.35	-17.95	12.15	21.7	145.9	2.4	118.1
870.0	869.34	-18.20	12.46	22.1	145.6	2.4	134.4
880.0	879.33	-18.46	12.75	22.4	145.4	2.5	131.7
890.0	889.32	-18.58	12.97	22.7	145.1	2.1	116.6
900.0	899.31	-18.81	13.22	23.0	144.9	2.8	120.9
910.0	909.31	-19.04	13.57	23.4	144.5	2.4	120.3
920.0	919.30	-19.28	13.87	23.7	144.3	2.1	116.6
930.0	929.29	-19.51	14.01	24.0	144.3	2.4	353.4
940.0	939.28	-19.60	14.27	24.2	143.9	2.5	154.3
950.0	949.28	-19.63	14.42	24.4	143.7	1.5	90.2
960.0	959.27	-19.85	14.59	24.6	143.7	2.4	110.2
970.0	969.26	-20.10	14.89	25.0	143.5	2.2	140.5
980.0	979.25	-20.05	14.98	25.0	143.2	0.7	223.3
990.0	989.25	-20.07	14.89	25.0	143.4	1.9	102.9
1000.0	999.24	-20.19	15.05	25.2	143.3	2.1	124.0
1010.0	1009.24	-20.43	15.32	25.5	143.1	2.3	140.0
1020.0	1019.23	-20.69	15.60	25.9	143.0	2.3	136.1
1030.0	1029.22	-20.95	15.88	26.3	142.8	2.1	129.0
1040.0	1039.22	-21.21	16.09	26.6	142.8	1.8	153.5

[illegible]	[illegible]	[illegible]					
1060.0	1059.21	-21.46	16.22	26.9	142.9	2.1	136.8
1070.0	1069.20	-21.74	16.38	27.2	143.0	1.7	187.7
1080.0	1079.20	-21.81	16.49	27.3	142.9	1.7	174.3
1090.0	1089.19	-22.06	16.70	27.7	142.9	2.0	147.0
1100.0	1099.19	-22.34	16.90	28.0	142.9	2.0	138.7
1110.0	1109.18	-22.63	17.11	28.4	142.9	2.0	146.0
1120.0	1119.17	-22.92	17.30	28.7	143.0	2.2	149.3
1130.0	1129.17	-23.14	17.41	29.0	143.0	2.1	136.4
1140.0	1139.16	-23.43	17.56	29.3	143.1	2.2	164.6
1150.0	1149.15	-23.72	17.74	29.6	143.2	2.0	139.5
1160.0	1159.15	-23.96	17.89	29.9	143.2	2.4	142.7
1170.0	1169.14	-24.27	18.06	30.3	143.3	2.4	160.7
1180.0	1179.13	-24.52	18.18	30.5	143.4	2.1	139.2
1190.0	1189.12	-24.79	18.37	30.8	143.5	2.3	143.3
1200.0	1199.12	-25.11	18.60	31.2	143.5	2.2	144.6
1210.0	1209.11	-25.30	18.74	31.5	143.5	1.4	78.6
1220.0	1219.10	-25.62	18.91	31.8	143.6	2.2	157.2
1230.0	1229.09	-25.94	19.10	32.2	143.6	2.3	142.5
1240.0	1239.09	-26.26	19.34	32.6	143.6	2.2	160.2
1250.0	1249.08	-26.47	19.49	32.9	143.6	1.7	132.3
1260.0	1259.07	-26.66	19.49	33.0	143.8	2.2	277.4
1270.0	1269.07	-26.66	19.48	33.0	143.8	1.2	220.3
1280.0	1279.06	-26.99	19.61	33.4	144.0	2.0	153.3
1290.0	1289.05	-27.26	19.86	33.7	143.9	2.2	134.9
1300.0	1299.05	-27.53	20.05	34.1	143.9	2.2	261.9
1310.0	1309.04	-27.40	20.12	34.0	143.7	1.3	218.8
1320.0	1319.03	-27.69	20.22	34.3	143.9	2.1	138.3
1330.0	1329.03	-27.94	20.49	34.6	143.7	2.1	131.2
1340.0	1339.02	-27.93	20.58	34.7	143.6	1.7	124.0
1350.0	1349.02	-28.15	20.66	34.9	143.7	2.1	166.9
1360.0	1359.01	-28.41	20.89	35.3	143.7	2.1	139.7
1370.0	1369.00	-28.66	21.09	35.6	143.7	2.0	257.2
1380.0	1379.00	-28.51	20.93	35.4	143.7	0.3	43.2
1390.0	1389.00	-28.67	20.97	35.5	143.8	2.1	131.4
1400.0	1398.99	-28.98	21.21	35.9	143.8	2.4	158.4
1410.0	1408.98	-29.24	21.45	36.3	143.7	2.3	113.1
1420.0	1418.97	-29.57	21.76	36.7	143.7	2.6	148.1
1430.0	1428.96	-29.91	22.02	37.1	143.6	2.5	128.6
1440.0	1438.95	-30.28	22.31	37.6	143.6	2.6	127.3
1450.0	1448.94	-30.42	22.53	37.9	143.5	2.5	137.3
1460.0	1458.93	-30.75	22.69	38.2	143.6	2.7	155.2
1470.0	1468.92	-30.88	22.87	38.4	143.5	1.1	247.6
1480.0	1478.91	-31.22	23.07	38.8	143.5	2.8	146.2
1490.0	1488.90	-31.58	23.37	39.3	143.5	2.7	135.0
1500.0	1498.89	-31.93	23.62	39.7	143.5	2.6	218.3
1510.0	1508.88	-31.66	23.63	39.5	143.3	1.1	135.7
1520.0	1518.87	-31.87	23.57	39.6	143.5	1.9	213.7
1530.0	1528.86	-32.22	23.78	40.0	143.6	2.7	140.9
1540.0	1538.86	-32.60	23.99	40.5	143.6	2.5	143.1
1550.0	1548.85	-32.93	24.26	40.9	143.6	2.7	140.8
1560.0	1558.84	-33.31	24.50	41.3	143.7	2.5	152.5
1570.0	1568.83	-33.63	24.77	41.8	143.6	2.7	134.5
1580.0	1578.82	-33.97	25.04	42.2	143.6	2.4	146.2
1590.0	1588.81	-34.31	25.28	42.6	143.6	2.3	136.9
1600.0	1598.80	-34.42	25.33	42.7	143.6	2.2	131.9
1610.0	1608.79	-34.48	25.33	42.8	143.7	2.4	28.2
1620.0	1618.79	-34.56	25.42	42.9	143.7	1.6	189.8
1630.0	1628.78	-34.89	25.65	43.3	143.7	2.2	130.2
1640.0	1638.77	-35.18	25.90	43.7	143.6	2.2	127.9
1650.0	1648.77	-35.45	26.15	44.1	143.6	2.0	139.2
1660.0	1658.76	-35.70	26.38	44.4	143.5	1.9	136.2
1670.0	1668.75	-35.97	26.62	44.7	143.5	2.0	133.7
1680.0	1678.75	-36.23	26.81	45.1	143.5	2.1	242.0
1690.0	1688.74	-36.34	26.91	45.2	143.5	1.6	197.6
1700.0	1698.74	-36.44	27.03	45.4	143.4	1.6	106.3
1710.0	1708.73	-36.65	27.20	45.6	143.4	2.1	125.4
1720.0	1718.73	-36.74	27.31	45.8	143.4	2.3	20.9
1730.0	1728.72	-36.86	27.49	46.0	143.3	2.0	133.9
1740.0	1738.71	-37.06	27.78	46.3	143.1	2.2	124.7
1750.0	1748.71	-37.29	28.06	46.7	143.0	2.2	112.9
1760.0	1758.70	-37.47	28.19	46.9	143.0	2.1	316.2
1770.0	1768.70	-37.31	28.14	46.7	143.0	1.4	209.6
1780.0	1778.69	-37.45	28.08	46.8	143.1	2.2	9.4

1800.0	1798.68	-37.27	28.03	46.6	143.1	1.1	294.1
1810.0	1808.68	-37.18	28.23	46.7	142.8	1.4	57.3
1820.0	1818.68	-37.05	28.40	46.7	142.5	1.2	54.4
1830.0	1828.67	-37.04	28.52	46.8	142.4	1.0	171.8
1840.0	1838.67	-37.21	28.55	46.9	142.5	1.4	272.8
1850.0	1848.67	-37.30	28.43	46.9	142.7	0.4	216.7
1860.0	1858.67	-37.27	28.39	46.9	142.7	0.9	30.1
1870.0	1868.67	-37.11	28.49	46.8	142.5	1.0	28.3
1880.0	1878.67	-36.98	28.58	46.7	142.3	1.0	126.4
1890.0	1888.66	-37.11	28.74	46.9	142.2	1.5	98.6
1900.0	1898.66	-37.14	29.00	47.1	142.0	1.4	95.4
1910.0	1908.66	-37.16	29.26	47.3	141.8	1.6	95.7
1920.0	1918.65	-37.18	29.54	47.5	141.5	1.6	90.8
1930.0	1928.65	-37.17	29.82	47.7	141.3	1.6	88.7
1940.0	1938.65	-37.12	29.95	47.7	141.1	1.5	76.4
1950.0	1948.64	-37.15	30.17	47.9	140.9	1.8	93.2
1960.0	1958.64	-37.11	30.47	48.0	140.6	1.8	106.9
1970.0	1968.63	-37.00	30.36	47.9	140.6	0.7	11.9
1980.0	1978.63	-36.77	30.44	47.7	140.4	1.3	19.0
1990.0	1988.63	-36.71	30.58	47.8	140.2	1.3	144.6
2000.0	1998.62	-36.76	30.85	48.0	140.0	1.9	78.8
2010.0	2008.62	-36.72	30.96	48.0	139.9	1.7	47.1
2020.0	2018.61	-36.72	31.17	48.2	139.7	1.6	77.6
2030.0	2028.61	-36.70	31.46	48.3	139.4	1.7	92.3
2040.0	2038.61	-36.66	31.75	48.5	139.1	1.8	73.6
2050.0	2048.60	-36.73	31.86	48.6	139.1	1.6	212.7
2060.0	2058.60	-36.70	31.75	48.5	139.1	0.2	23.7
2070.0	2068.60	-36.83	31.74	48.6	139.2	1.9	240.2
2080.0	2078.60	-36.95	31.69	48.7	139.4	0.4	177.4
2090.0	2088.59	-37.04	31.71	48.8	139.4	0.5	181.4
2100.0	2098.59	-37.12	31.71	48.8	139.5	0.5	164.9
2110.0	2108.59	-37.12	31.70	48.8	139.5	0.5	140.2
2120.0	2118.59	-37.13	31.94	49.0	139.3	1.6	88.5
2130.0	2128.59	-37.10	32.21	49.1	139.0	1.6	81.9
2140.0	2138.58	-37.04	32.16	49.1	139.0	0.9	12.5
2150.0	2148.58	-37.08	32.31	49.2	138.9	1.7	77.4
2160.0	2158.58	-37.04	32.61	49.4	138.6	1.7	85.6
2170.0	2168.57	-37.00	32.90	49.5	138.4	1.7	79.5
2180.0	2178.57	-36.98	33.04	49.6	138.2	1.5	60.0
2190.0	2188.57	-37.05	33.23	49.8	138.1	1.4	153.3
2200.0	2198.56	-37.21	33.10	49.8	138.3	0.5	227.0
2210.0	2208.56	-37.23	33.05	49.8	138.4	0.5	71.1
2220.0	2218.56	-37.35	33.11	49.9	138.4	1.2	180.1
2230.0	2228.56	-37.29	33.01	49.8	138.5	0.7	331.2
2240.0	2238.56	-37.22	33.11	49.8	138.3	0.9	73.0
2250.0	2248.56	-37.17	33.26	49.9	138.2	0.9	96.2
2260.0	2258.56	-37.16	33.44	50.0	138.0	0.9	76.4
2270.0	2268.55	-37.19	33.62	50.1	137.9	1.1	123.3
2280.0	2278.55	-37.21	33.83	50.3	137.7	1.2	93.0
2290.0	2288.55	-37.31	33.88	50.4	137.8	1.1	230.8
2300.0	2298.54	-37.59	33.87	50.6	138.0	1.8	169.5
2310.0	2308.54	-37.89	33.97	50.9	138.1	2.0	169.5
2320.0	2318.53	-38.10	33.96	51.0	138.3	1.8	23.0
2330.0	2328.53	-38.20	34.05	51.2	138.3	1.7	198.9
2340.0	2338.53	-38.09	34.11	51.1	138.2	0.7	272.6
2350.0	2348.52	-38.28	34.08	51.3	138.3	1.8	150.8
2360.0	2358.52	-38.57	34.20	51.5	138.4	1.9	157.9
2370.0	2368.51	-38.86	34.32	51.8	138.5	1.6	165.8
2380.0	2378.51	-38.95	34.51	52.0	138.5	1.9	3.0
2390.0	2388.51	-38.78	34.37	51.8	138.4	0.2	311.0
2400.0	2398.50	-38.87	34.33	51.9	138.6	0.6	189.4
2410.0	2408.50	-38.97	34.28	51.9	138.7	0.7	216.2
2420.0	2418.50	-39.05	34.25	51.9	138.7	0.5	191.4
2430.0	2428.50	-39.13	34.20	52.0	138.8	0.5	199.4
2440.0	2438.50	-39.21	34.18	52.0	138.9	0.4	179.4
2450.0	2448.50	-39.29	34.14	52.1	139.0	0.6	206.0
2459.3	2457.80	-39.37	34.12	52.1	139.1	0.5	179.6

Well: AA0

Casing & Tubing Program

	Casing	Casing Interval	Hole Size	Cement used in cu/ft	Cemented to Surface Yes	Cemented to Surface No	Date Cemented	Packers or Bridge Plugs
Conductor	13 3/8"	21'	15"			X	7/16/2007	
Surface	7"	221'	8 7/8"	70.8	X		7/16/2007	bskt @ 132'
Water Protection	4 1/2"	2367'	6 1/2"	363.35	X		7/18/2007	
Coal Protection	4 1/2"	2367'	6 1/2"	363.35	X		7/18/2007	
Other Casing & Tubing								
Other Casing & Tubing								
Liners								

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX **HOLE #: AA-0**

LOCATION: LITTLE HURRICANE BR. **DRILL RIG #: 90**

DATE STARTED: 07-14-07 **DATE COMPLETED: 07-18-07**

ELECTRIC LOGGED:YES **GROUTED:YES**

DEPTH	THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION,VOIDS ETC
0			
0	21	21	OVERBURDEN
21	30	9	SHALE
30	60	30	SAND/SHALE
60	90	30	SHALE/COAL/SHALE
90	120	30	SHALE/SAND
120	150	30	SAND/SHALE
150	210	60	SHALE/COAL/SHALE
210			
210	240	30	
240			
240	250	10	SHALE
250	280	30	SHALE/COAL/SHALE
280	340	60	SAND/SHALE
340	370	30	SHALE/COAL/SHALE
370	400	30	SAND/SHALE
400	430	30	SHALE/COAL/SHALE
430	460	30	SAND/SHALE
460	490	30	SAND
490	520	30	SAND/SHALE
520	550	30	SHALE/COAL/SHALE
550	580	30	SHALE
580	610	30	SHALE/COAL/SHALE
610	640	30	SAND
640	700	60	SAND/SHALE
700	730	30	SHALE/COAL/SHALE
730	790	60	SAND/SHALE
790	850	60	SAND
850	880	30	SAND/SHALE
880	910	30	SHALE
910	970	60	SHALE/COAL/SHALE
970	1030	60	SAND/SHALE
1030	1060	30	SHALE/COAL/SHALE
1060	1090	30	SAND/SHALE
1090	1120	30	SAND
1120	1180	60	SHALE/COAL/SHALE
1180	1270	90	SAND
1270	1300	30	SAND
1300	1390	90	SAND/SHALE
1390	1420	30	SAND/SHALE/COAL
1420	1450	30	SAND/SHALE
1450	1480	30	SAND/SHALE/COAL

1480	1540	60	SAND/SHALE
1540	1570	30	SAND/SHALE/COAL
1570	1630	60	SAND/SHALE
1630	1690	60	SAND
1690	1720	30	SAND/SHALE
1720	1750	30	SAND
1750	1780	30	SAND/SHALE/COAL
1780	1840	60	SAND/SHALE
1840	1870	30	SAND/COAL
1870	1900	30	SAND/SHALE/COAL
1900	1930	30	SAND/SHALE
1930	1960	30	SAND
1960	1990	30	SAND/SHALE
1990			
1990	2080	90	SAND
2080	2140	60	SAND/SHALE
2140	2170	30	SHALE/COAL/SHALE
2170	2225	55	SAND/SHALE
2225	2226	1	P-3 COAL
2226	2230	4	SHALE
2230	2260	30	SHALE/SAND
2260	2290	30	SAND/SHALE/COAL/SHALE
2290	2320	30	SAND/SHALE
2320	2350	30	SHALE/COAL/SHALE
2350	2380	30	SHALE/SAND
2380	2410	30	SAND/SHALE
2410	2440	30	SHALE/SAND
2440	2470	30	SAND/SHALE
2470	2500	30	RED SHALE
2500			

2500' – TOTAL DEPTH
21' – 13 3/8" CASING
221' – 7" CASING
2366.93' – 4 ½" CASING