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:	1099
Company:	CNX Gas Company LLC
File Number:	BU-3683
Operations Name:	CBM N22 W/PL
Operation Type:	Coalbed/Pipeline
Drilling Report Type:	Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 11/30/2007

Drilling Contractor: Noah Horn

Date drilling completed: 12/8/2007

Rig Type: ☑ Rotary ☐ Cable

Driller's Total Depth (feet): 2260.00

Log Total Depth (feet): 2274.57

Coal Seam at Total Depth: Pocahontas

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

Permitted State Plane X: 985361.56

Permitted State Plane Y: 341490.89

Final Plat State Plane X: 985357.36

Final Plat State Plane Y: 341484.80

Plat Previously Submitted Or... ☐

List of Attached Items:

Description	FileName
Plat	N22 Palt.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	N22 Exhibit A.pdf

Gas and Oil Shows:

List of Attached Items:

Description	FileName
Show Gas	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? ☐

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

List of Attached Items:

Description	FileName
Deviation	N22 Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casing	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.

Void @ 525' TO 720' ; 13 3/8" and 7" Casing cemented on the backside to surface

8. Drillers Log

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	N22 Drill Data.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 1/22/2008

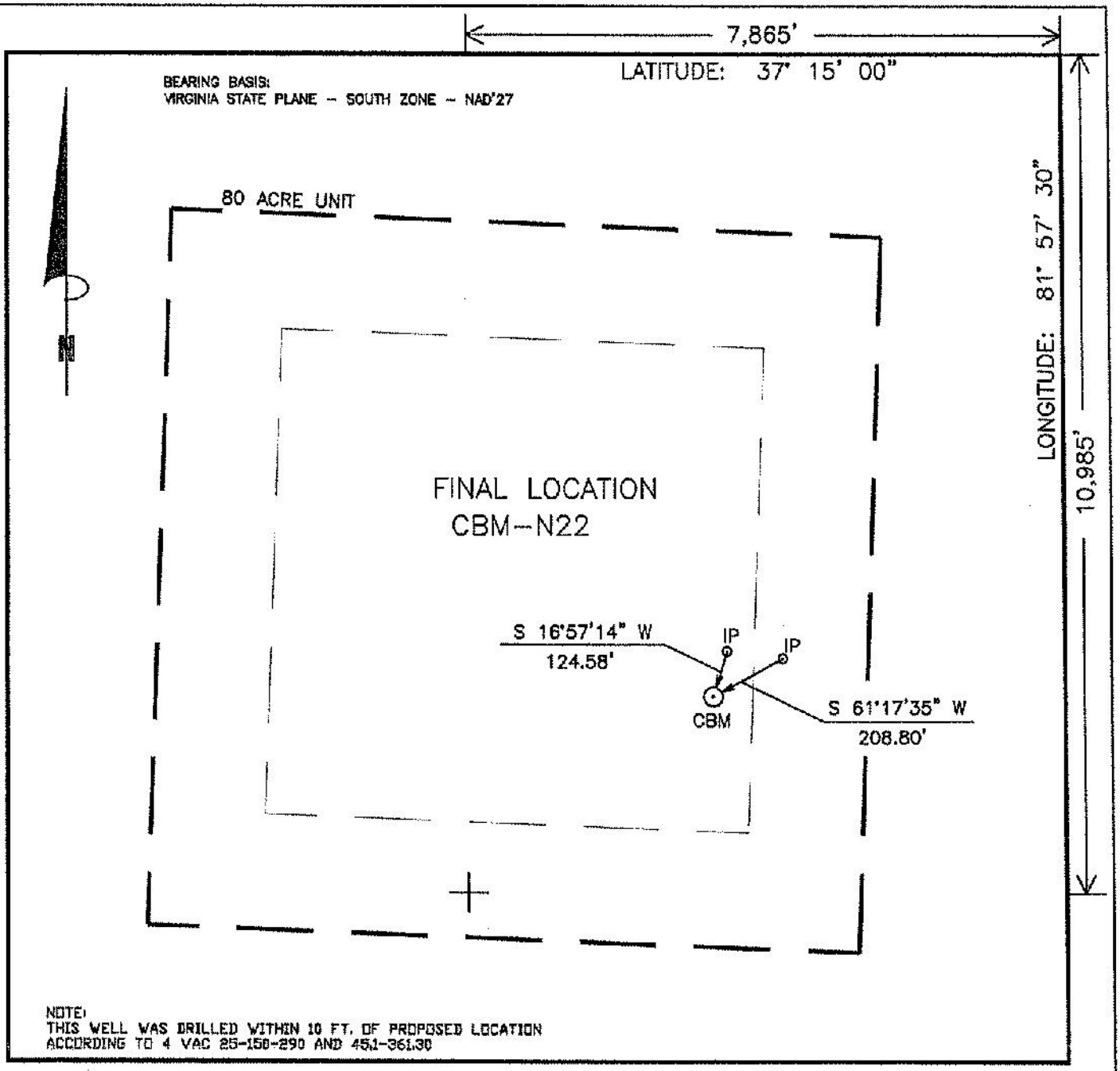
Signed By: Leslie K. Arrington Title: Manager

INTERNAL USE ONLY

Submit Date: 1/22/2008

Status: A Date: 1/24/2008

Final PDF Date: 2/15/2008



WELL LOCATION PLAT

N22FNL
1N17/155-612/17

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM–N22

TRACT NUMBER CONSOL COAL ET AL QUADRANGLE KEEN MOUNTAIN

DISTRICT: SOUTH GRUNDY

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 341,484.80 E 985,357.36

ELEVATION: 2384.32' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S

COUNTY BUCHANAN Scale: 1" = 400' Date 12-08-07

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 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)

COMMONWEALTH OF VIRGINIA
DRP
DANNY R. PRICE
Lic. No. 008540
12/6/07
PROFESSIONAL ENGINEER

Form DGO-GO-7
Rev. 10/96

Exhibit A

Well Name: 07 CBM N22
SURFACE ELEV: 2384.32 EASTING: 985357.36 NORTHING: 341484.80

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
NR1	133.90	134.90	2255.10	1.00	
	134.90	172.40	2254.10	37.50	
HG1	172.40	173.90	2216.60	1.50	
	173.90	193.80	2215.10	19.90	
COAL	193.80	195.10	2195.20	1.30	
	195.10	290.00	2193.90	94.90	
COAL	290.00	290.80	2099.00	0.80	
	290.80	313.50	2098.20	22.70	
SD1	313.50	315.00	2075.50	1.50	
	315.00	345.90	2074.00	30.90	
SD2	345.90	348.00	2043.10	2.10	
	348.00	355.20	2041.00	7.20	
SD3	355.20	356.00	2033.80	0.80	
	356.00	435.00	2033.00	79.00	
UB1	435.00	436.20	1954.00	1.20	
	436.20	478.10	1952.80	41.90	
COAL	478.10	478.20	1910.90	0.10	
	478.20	523.00	1910.80	44.80	
LB1	523.00	529.00	1866.00	6.00	MINED OUT
	529.00	720.00	1860.00	191.00	
KN2	720.00	725.00	1669.00	5.00	MINED OUT
	725.00	870.70	1664.00	145.70	
AL2	870.70	872.30	1518.30	1.60	
	872.30	919.10	1516.70	46.80	
RA1	919.10	921.40	1469.90	2.30	
	921.40	970.10	1467.60	48.70	
RA2	970.10	973.50	1418.90	3.40	
	973.50	985.50	1415.50	12.00	
RA3	985.50	986.90	1403.50	1.40	
	986.90	1060.00	1402.10	73.10	
COAL	1060.00	1061.50	1329.00	1.50	
	1061.50	1087.80	1327.50	26.30	
JB2	1087.80	1089.10	1301.20	1.30	
	1089.10	1108.60	1299.90	19.50	
JB3	1108.60	1111.50	1280.40	2.90	
	1111.50	1123.10	1277.50	11.60	
T2	1123.10	1125.00	1265.90	1.90	
	1125.00	1134.90	1264.00	9.90	
T1	1134.90	1135.70	1254.10	0.80	
	1135.70	1288.60	1253.30	152.90	
*US1	1288.60	1289.30	1100.40	0.70	
	1289.30	1456.20	1099.70	166.90	
*GC2	1456.20	1456.90	932.80	0.70	
	1456.90	1457.10	932.10	0.20	
*GC2	1457.10	1458.70	931.90	1.60	
	1458.70	1545.20	930.30	86.50	
*SE2	1545.20	1546.90	843.80	1.70	
	1546.90	1570.30	842.10	23.40	

*LS1	1570.30	1571.80	818.70	1.50
	1571.80	1636.10	817.20	64.30
*UH1	1636.10	1636.80	752.90	0.70
	1636.80	1694.90	752.20	58.10
*UH3	1694.90	1695.90	694.10	1.00
	1695.90	1849.10	693.10	153.20
*P10	1849.10	1853.10	539.90	4.00
	1853.10	1899.30	535.90	46.20
*COAL	1899.30	1900.10	489.70	0.80
	1900.10	1913.90	488.90	13.80
*LH3	1913.90	1915.90	475.10	2.00
	1915.90	1960.50	473.10	44.60
*P91	1960.50	1962.20	428.50	1.70
	1962.20	1981.10	426.80	18.90
*P92	1981.10	1982.00	407.90	0.90
	1982.00	1982.70	407.00	0.70
*P93	1982.70	1983.20	406.30	0.50
	1983.20	2021.10	405.80	37.90
*P81	2021.10	2022.80	367.90	1.70
	2022.80	2217.10	366.20	194.30
*COAL	2217.10	2217.90	171.90	0.80
	2217.90	2220.90	171.10	3.00
*COAL	2220.90	2221.50	168.10	0.60
	2221.50	2223.10	167.50	1.60
*COAL	2223.10	2223.90	165.90	0.80
	2223.90	2225.90	165.10	2.00
*P51	2225.90	2229.10	163.10	3.20
	2229.10	2274.57	159.90	45.47

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO TOPOGRAPHY.
GAMMA-CALIPER LOG FROM 0 TO 1068.00
GAMMA-DENSITY LOG FROM 1068.00 TO TD.
NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
FILE: H:\JIMHAZ~1\PROJECTS\GAS\N22.CMP
DATE: 12/26/07

Well: N22

Oil & Gas Show

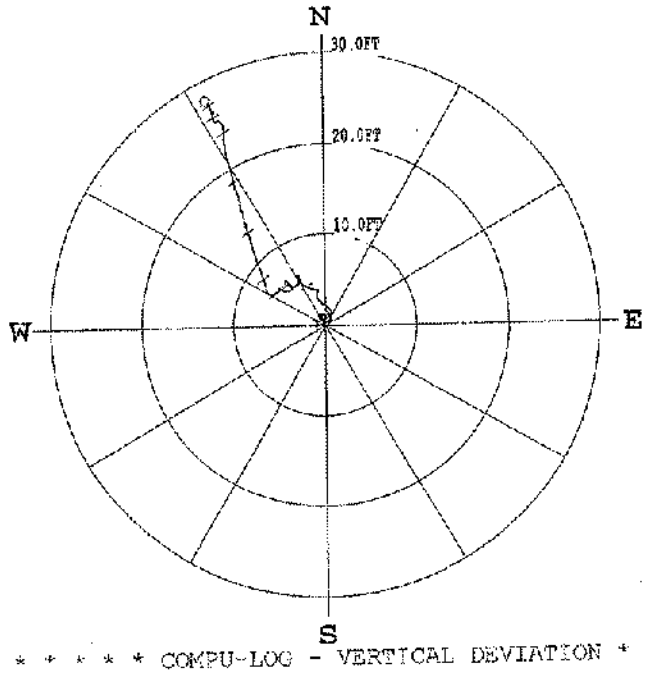
Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure	Hours Tested
Lee/Norton	1457.1	1962.2	505.1			
Pocahontas	2225.9	2229.1	3.2			
Total IPF				Not Taken		

COMPU-LOG DEVIATION

CLIENT: Consol Energy/
LOCATION:
HOLE ID: 07-CNX-N-22
DATE OF LOG: 12/08/07
PROBE: 9136CA 962

MAG DECL: -6.9

SCALE: 10 FT/IN
TRUE DEPTH: 2267.88 FT
AZIMUTH: 332.7
DISTANCE: 27.9 FT
+ = 150 FT INCR
O = BOTTOM OF HOLE



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

CLIENT : Consol Energy
FIELD OFFICE :
DATA FROM :
MAG. DECL. : -6.900
HOLE ID. : 07-CNX-N-22
DATE OF LOG : 12/08/07
PROBE : 9136CA , 962
DEPTH UNITS : FEET
LOG: 07-CNX-N-22_12-08-07_04-25_9136CA_.02_-0.02_2268.18_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
50.0	49.98	0.00	0.29	0.3	89.9	1.6	236.3
60.0	59.98	0.03	0.02	0.0	33.5	1.6	295.5
70.0	69.98	0.22	-0.19	0.3	319.4	1.6	326.9
80.0	79.97	0.45	-0.34	0.6	323.0	1.6	336.4
90.0	89.97	0.70	-0.45	0.8	327.5	1.6	342.4
100.0	99.96	0.98	-0.45	1.1	335.4	1.6	17.5
110.0	109.96	1.21	-0.30	1.2	346.2	1.6	43.4
120.0	119.96	1.40	-0.10	1.4	356.0	1.5	50.7
130.0	129.95	1.48	0.15	1.5	5.8	1.4	109.1
140.0	139.95	1.31	0.32	1.3	13.9	1.5	167.8
150.0	149.95	1.06	0.33	1.1	17.1	1.5	199.6
160.0	159.94	0.83	0.22	0.9	14.7	1.5	229.8
170.0	169.94	0.71	-0.01	0.7	359.3	1.4	249.4
180.0	179.94	0.67	-0.26	0.7	338.9	1.4	267.0
190.0	189.93	0.73	-0.50	0.9	326.0	1.5	309.4
200.0	199.93	0.92	-0.64	1.1	325.0	1.4	318.5
210.0	209.93	1.14	-0.65	1.3	330.2	1.4	49.4
220.0	219.92	1.27	-0.46	1.3	339.9	1.3	65.8
230.0	229.92	1.27	-0.23	1.3	349.7	1.4	111.5
240.0	239.92	1.15	-0.03	1.1	358.7	1.4	134.9
250.0	249.92	0.93	0.07	0.9	4.4	1.4	178.9
260.0	259.91	0.70	0.02	0.7	1.5	1.4	209.1
270.0	269.91	0.56	-0.17	0.6	342.9	1.4	260.3
280.0	279.91	0.54	-0.41	0.7	322.6	1.4	290.7
290.0	289.90	0.67	-0.58	0.9	319.4	1.2	341.1
300.0	299.90	0.87	-0.53	1.0	328.5	1.3	48.6
310.0	309.90	0.83	-0.32	0.9	338.8	1.4	133.8
320.0	319.90	0.59	-0.33	0.7	331.1	1.5	227.9
330.0	329.89	0.71	-0.44	0.8	326.3	1.2	36.3
340.0	339.89	0.72	-0.22	0.8	343.0	1.4	121.0
350.0	349.89	0.56	-0.04	0.6	356.3	1.4	152.2
360.0	359.88	0.32	-0.00	0.3	359.5	1.6	200.2
370.0	369.88	0.11	-0.19	0.2	299.7	1.6	240.1

369.88	0.11	-0.19	0.2	299.7	1.6	240.1
379.88	0.03	-0.45	0.4	273.6	1.5	264.8
389.87	0.03	-0.74	0.7	272.7	1.8	293.3
399.87	0.30	-0.83	0.9	289.7	1.2	337.4
409.87	0.46	-0.77	0.9	300.7	1.2	61.2
419.86	0.52	-0.57	0.8	312.4	1.3	68.4
429.86	0.56	-0.36	0.7	326.9	1.2	63.1
439.86	0.68	-0.20	0.7	343.9	1.3	84.0
449.86	0.74	0.00	0.7	0.1	1.3	83.0
459.85	0.90	-0.00	0.9	359.8	1.1	343.6
469.85	1.09	0.04	1.1	2.0	1.1	41.8
479.85	1.11	0.24	1.1	12.3	1.2	76.4
489.85	1.07	0.46	1.2	22.8	1.4	129.5
499.84	0.85	0.58	1.0	34.4	1.5	157.3
509.84	0.60	0.52	0.8	40.5	1.8	213.7
519.83	0.46	0.26	0.5	29.9	1.7	251.6
529.83	0.29	0.19	0.3	32.9	1.3	76.1
539.83	0.45	0.28	0.5	31.9	1.1	9.4
549.83	0.54	0.40	0.7	36.8	1.3	123.2
559.82	0.41	0.59	0.7	55.3	1.4	142.9
569.82	0.44	0.61	0.8	54.0	1.1	152.6
579.82	0.51	0.67	0.8	52.6	1.5	339.8
589.82	0.77	0.58	1.0	36.9	1.6	338.3
599.81	1.03	0.54	1.2	27.6	1.3	11.1
609.81	1.26	0.58	1.4	24.8	1.3	14.6
619.81	1.50	0.61	1.6	22.1	1.5	0.0
629.80	1.77	0.45	1.8	14.4	2.0	319.1
639.79	1.99	0.17	2.0	4.8	2.0	313.0
649.79	2.22	-0.11	2.2	357.2	2.1	305.3
659.78	2.45	-0.39	2.5	350.9	2.1	322.3
669.78	2.70	-0.63	2.8	346.9	2.0	322.2
679.77	2.99	-0.79	3.1	345.3	1.9	337.6
689.77	3.29	-0.84	3.4	345.6	1.7	355.2
699.76	3.55	-0.82	3.6	347.0	1.4	10.1
709.76	3.76	-0.74	3.8	348.9	1.1	33.0
719.75	3.94	-0.83	4.0	348.1	2.4	270.8
729.75	3.98	-1.24	4.2	342.6	2.0	264.0
739.74	4.08	-1.62	4.4	339.3	2.3	285.7
749.73	4.25	-1.99	4.7	334.9	2.3	290.2
759.72	4.41	-2.34	5.0	332.1	2.2	315.2
769.71	4.70	-2.59	5.4	331.2	2.1	332.8
779.71	4.98	-2.82	5.7	330.5	2.2	311.0
789.70	5.27	-3.04	6.1	330.0	2.1	337.1
799.70	5.38	-2.93	6.1	331.4	0.6	130.3
809.70	5.43	-2.86	6.1	332.2	0.5	91.3
819.70	5.42	-2.76	6.1	333.1	0.6	142.7
829.70	5.32	-2.73	6.0	332.9	0.7	197.9
839.70	5.20	-2.74	5.9	332.2	1.1	190.4
849.69	5.20	-2.68	5.8	332.7	0.5	75.1
859.69	5.12	-2.66	5.8	332.6	0.7	163.5
869.69	4.96	-2.70	5.7	331.5	0.5	159.6
879.69	4.81	-2.75	5.5	330.2	1.3	208.5
889.69	4.60	-2.90	5.4	327.8	1.4	211.4
899.68	4.41	-3.09	5.4	324.9	1.8	237.7
909.68	4.28	-3.39	5.5	321.6	1.9	254.3
919.67	4.31	-3.74	5.7	319.1	2.1	288.5
929.67	4.44	-4.06	6.0	317.5	1.8	285.0
939.66	4.65	-4.27	6.3	317.4	1.7	353.9
949.66	4.89	-4.24	6.5	319.1	1.2	73.0
959.66	4.82	-4.07	6.3	319.8	1.3	140.5
969.65	4.63	-3.92	6.1	319.7	1.4	138.6
979.65	4.51	-3.73	5.9	320.4	1.3	119.4
989.65	4.36	-3.58	5.6	320.6	1.3	151.4
999.64	4.15	-3.54	5.4	319.5	1.4	182.4
1009.64	3.93	-3.62	5.3	317.3	1.5	221.5
1019.64	3.79	-3.86	5.4	314.5	1.8	253.8
1029.63	3.77	-4.17	5.6	312.1	1.9	279.8
1039.63	3.93	-4.49	5.9	310.4	1.8	287.9
1049.62	4.00	-4.75	6.2	310.1	2.0	327.7
1059.62	4.03	-4.92	6.4	309.3	1.0	271.7
1069.62	4.11	-4.92	6.4	309.9	0.9	135.3
1079.62	4.13	-4.98	6.5	309.6	1.0	268.1
1089.62	3.95	-5.03	6.4	308.2	0.4	136.0
1099.62	3.98	-5.04	6.4	307.6	0.2	171.4

1099.62	3.88	-5.04	6.4	307.6	0.2	171.4
1109.62	3.83	-5.06	6.3	307.1	0.4	211.2
1119.62	3.81	-5.08	6.4	306.9	0.1	252.5
1129.61	3.73	-5.12	6.3	306.0	0.6	230.7
1139.61	3.70	-5.16	6.3	305.6	0.3	197.0
1149.61	3.66	-5.20	6.4	305.1	0.1	247.7
1159.61	3.65	-5.24	6.4	304.8	0.8	213.2
1169.61	3.62	-5.29	6.4	304.4	0.3	26.8
1179.61	3.53	-5.35	6.4	303.4	1.5	232.6
1189.61	3.47	-5.45	6.5	302.5	0.5	240.1
1199.61	3.44	-5.48	6.5	302.2	0.1	191.5
1209.61	3.43	-5.51	6.5	301.9	0.2	246.2
1219.61	3.42	-5.53	6.5	301.8	0.2	324.7
1229.61	3.35	-5.61	6.5	300.9	0.6	229.3
1239.61	3.37	-5.66	6.6	300.8	0.6	324.2
1249.61	3.37	-5.76	6.7	300.3	1.0	205.7
1259.61	3.41	-5.79	6.7	300.5	0.9	353.4
1269.60	3.48	-6.05	7.0	299.9	1.7	287.8
1279.60	3.59	-6.27	7.2	299.8	1.5	294.6
1289.60	3.75	-6.29	7.3	300.8	1.4	44.5
1299.59	3.95	-6.33	7.5	302.0	1.5	314.8
1309.59	4.20	-6.36	7.6	303.4	1.3	347.8
1319.59	4.43	-6.41	7.8	304.6	1.4	339.3
1329.59	4.65	-6.52	8.0	305.5	1.5	340.0
1339.58	4.90	-6.56	8.2	306.7	1.3	337.8
1349.58	5.13	-6.67	8.4	307.6	1.6	354.2
1359.58	5.37	-6.73	8.6	308.6	1.3	333.2
1369.57	5.64	-6.83	8.9	309.6	1.6	338.4
1379.57	5.92	-6.93	9.1	310.5	1.8	336.9
1389.56	6.20	-7.04	9.4	311.4	1.7	332.5
1399.56	6.50	-7.14	9.7	312.3	1.8	338.7
1409.55	6.81	-7.25	9.9	313.2	1.9	333.7
1419.55	7.12	-7.36	10.2	314.0	1.8	340.1
1429.54	7.44	-7.48	10.5	314.9	2.2	342.5
1439.53	7.79	-7.59	10.9	315.8	1.9	333.0
1449.53	8.16	-7.68	11.2	316.7	2.2	329.7
1459.52	8.54	-7.80	11.6	317.6	2.2	344.1
1469.51	8.93	-7.92	11.9	318.4	2.5	346.0
1479.50	9.35	-8.04	12.3	319.3	2.5	347.7
1489.49	9.76	-8.13	12.7	320.2	2.4	345.1
1499.48	10.17	-8.26	13.1	320.9	2.6	344.2
1509.47	10.58	-8.41	13.5	321.5	2.4	314.2
1519.46	10.94	-8.51	13.9	322.1	2.6	21.3
1529.45	11.30	-8.66	14.2	322.5	2.6	307.4
1539.45	11.68	-8.71	14.6	323.3	2.4	8.7
1549.44	12.05	-8.80	14.9	323.9	2.4	349.5
1559.43	12.46	-8.88	15.3	324.5	2.4	341.9
1569.42	12.83	-9.01	15.7	324.9	2.3	7.8
1579.41	13.20	-9.13	16.1	325.3	2.4	342.7
1589.40	13.60	-9.14	16.4	326.1	2.1	339.3
1599.40	13.97	-9.27	16.8	326.4	2.4	356.8
1609.39	14.35	-9.33	17.1	327.0	2.1	334.4
1619.38	14.72	-9.46	17.5	327.3	2.3	1.2
1629.37	15.00	-9.64	17.8	327.3	2.3	344.9
1639.37	15.35	-9.69	18.1	327.7	2.1	311.9
1649.36	15.74	-9.71	18.5	328.3	2.2	344.4
1659.35	16.11	-9.84	18.9	328.6	2.4	344.8
1669.34	16.49	-9.94	19.3	328.9	2.2	348.0
1679.33	16.87	-10.00	19.6	329.3	2.2	339.8
1689.33	17.24	-10.11	20.0	329.6	2.2	334.2
1699.32	17.61	-10.19	20.3	329.9	2.3	354.0
1709.31	17.98	-10.31	20.7	330.2	2.3	345.3
1719.30	18.34	-10.35	21.1	330.6	2.0	320.0
1729.30	18.63	-10.53	21.4	330.5	2.4	22.1
1739.29	18.99	-10.54	21.7	331.0	2.1	348.3
1749.28	19.39	-10.62	22.1	331.3	2.3	352.4
1759.27	19.78	-10.65	22.5	331.7	2.2	354.1
1769.27	20.18	-10.69	22.8	332.1	2.2	358.5
1779.26	20.55	-10.77	23.2	332.3	2.1	331.1
1789.25	20.95	-10.74	23.5	332.9	2.1	1.5
1799.24	21.35	-10.77	23.9	333.2	2.4	10.4
1809.23	21.75	-10.78	24.3	333.6	2.3	335.8
1819.22	22.13	-10.76	24.6	334.1	2.2	355.0
1829.22	22.37	-11.05	24.9	333.7	2.3	335.3

[illegible]			24.6	334.1	2.2	355.0
1819.22	22.13	-10.76	24.9	333.7	2.3	335.3
1829.22	22.37	-11.05	25.3	333.4	1.9	331.6
1839.21	22.63	-11.33	25.3	332.8	1.2	276.9
1849.20	22.53	-11.58	25.4	333.0	1.2	280.2
1859.20	22.60	-11.52	25.4	332.5	1.0	325.9
1869.20	22.51	-11.72	25.5	332.5	0.6	44.4
1879.20	22.61	-11.77	25.6	332.5	0.6	327.1
1889.20	22.68	-11.79	25.6	332.5	0.4	299.7
1899.20	22.74	-11.83	25.7	332.5	0.3	353.5
1909.20	22.79	-11.85	25.8	332.6	0.5	341.0
1919.20	22.86	-11.86	25.8	332.6	0.5	358.9
1929.20	22.93	-11.89	25.9	332.6	0.3	346.4
1939.20	22.99	-11.90	26.0	332.6	0.4	2.0
1949.20	23.05	-11.93	26.0	332.6	0.4	246.4
1959.20	23.09	-11.96	26.1	332.8	1.7	42.0
1969.19	23.22	-11.93	26.3	333.3	2.2	330.7
1979.19	23.53	-11.82	26.3	332.7	1.6	259.3
1989.18	23.37	-12.04	26.4	332.7	0.4	9.4
1999.18	23.42	-12.10	26.4	332.8	0.4	347.7
2009.18	23.48	-12.09	26.5	332.9	0.7	358.8
2019.18	23.58	-12.08	26.6	332.9	0.5	346.4
2029.18	23.67	-12.10	26.7	333.0	0.4	3.9
2039.18	23.76	-12.10	26.7	333.0	0.6	323.0
2049.18	23.83	-12.12	26.8	333.1	0.6	345.4
2059.18	23.93	-12.15	27.0	333.1	0.7	334.5
2069.18	24.04	-12.18	27.1	333.1	0.6	330.6
2079.18	24.15	-12.24	27.2	333.1	0.7	354.6
2089.18	24.26	-12.29	27.3	333.1	0.9	325.4
2099.17	24.38	-12.35	27.5	333.1	0.6	328.0
2109.17	24.49	-12.41	27.6	333.1	1.0	44.3
2119.17	24.58	-12.45	27.6	333.3	0.7	33.9
2129.17	24.61	-12.39	27.4	333.0	0.5	331.9
2139.17	24.42	-12.43	27.5	333.0	0.6	333.5
2149.17	24.51	-12.46	27.6	333.1	0.5	313.3
2159.17	24.59	-12.50	27.7	333.1	0.5	338.6
2169.17	24.69	-12.55	27.8	333.1	0.7	321.5
2179.17	24.78	-12.59	27.9	333.1	0.6	311.3
2189.17	24.87	-12.63	27.9	333.0	0.7	27.6
2199.17	24.85	-12.64	27.8	333.1	0.8	332.4
2209.16	24.77	-12.56	27.9	333.1	0.6	339.7
2219.16	24.89	-12.63	27.9	332.9	1.0	267.1
2229.16	24.83	-12.68	27.8	332.6	2.2	150.8
2239.15	24.73	-12.72	27.8	332.7	0.5	334.0
2249.15	24.67	-12.75	27.9	332.7	0.6	350.3
2259.15	24.77	-12.76	28.0	332.7	0.7	283.1
2267.33	24.84	-12.82				

Well: N22

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"	575'	15"	276		X	12/4/2007	bskt @ 469'
Surface	9 5/8"	797'	12 3/8"	354	X		12/5/2007	bskt @ 664'
Water Protection	4 1/2"	2247'	6 1/2"	292.8	X		12/8/2007	
Coal Protection	4 1/2"	2247'	6 1/2"	292.8	X		12/8/2007	
Other Casing & Tubing	7"	1063'	8 7/8"	212.4	X		12/6/2007	bskt @ 886'
Other Casing & Tubing	18"	25'	20"		X		11/30/2007	
Liners								

DRILL DATA
NOAH HORN WELL DRILLING

COMPANY: CNX
HOLE: N-22
RIG #: 88
LOCATION:

DATE STARTE 11/30/2007
DATE COMPLE 12/8/2007

ELECTRIC LOGGED: YES
GROUTED: YES

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION,VOIDS ETC
0	24.5	24.5	OVERBURDEN
24.5	40	15.5	SAND/SANDY SHALE
40	70	30	SANDY SHALE/COAL/SAND
70	100	30	SAND/SANDY SHALE
100	130	30	SANDY SHALE/SAND
130	160	30	SAND
160	190	30	SANDY SHALE/COAL/SAND
190	220	30	SAND/SANDY SHALE
220	250	30	SANDY SHALE/SAND
250	280	30	SAND/SHALE
280	370	90	SAND/SHALE/COAL
370	430	60	SAND/SHALE
430	460	30	SAND/SHALE/COAL
460	525	65	SAND/SHALE
525	530	5	VOID
530	550	20	SAND
550	575	25	SANDY SHALE/COAL/SANDY SHALE
575	605	30	SANDY SHALE/SAND
605	635	30	SAND/SANDY SHALE/SAND
635	665	30	SAND/SANDY SHALE
665	695	30	SANDY SHALE
695	720	25	SANDY SHALE/SAND
720	728	8	VOID
728	755	27	SANDY SHALE/SAND
755	815	60	SAND
815	845	30	SANDY SHALE/SAND
845	875	30	SAND/COAL/SANDY SHALE
875	905	30	SANDY SHALE
905	935	30	SANDY SHALE/SAND
935	965	30	SAND/SANDY SHALE
965	995	30	SANDY SHALE/COAL/SANDY SHALE
995	1025	30	SANDY SHALE/COAL/SAND
1025	1055	30	SAND/SANDY SHALE
1055	1085	30	SANDY SHALE/SAND
1085	1090	5	SAND
1090	1120	30	SANDY SHALE/COAL
1120	1150	30	SANDY SHALE/COAL/SAND
1150	1180	30	SAND/SANDY SHALE
1180	1240	60	SANDY SHALE

DRILL DATA
NOAH HORN WELL DRILLING

DEPTH FROM	THICKNESS TO	FT	STRATA DESCRIPTION,VOIDS ETC
1240	1270	30	SANDY SHALE/SAND
1270	1300	30	SAND
1300	1330	30	SAND/SANDY SHALE
1330	1390	60	SANDY SHALE/SAND
1390	1420	30	SANDY SHALE
1420	1450	30	SANDY SHALE/COAL/SANDY SHALE
1450	1480	30	SANDY SHALE
1480	1510	30	SANDY SHALE/SAND
1510	1540	30	SAND/COAL/SANDY SHALE
1540	1570	30	SANDY SHALE/SAND
1570	1600	30	SAND/COAL/SANDY SHALE
1600	1630	30	SANDY SHALE/COAL/SAND
1630	1660	30	SAND
1660	1690	30	SAND/SANDY SHALE
1690	1750	60	SAND
1750	1780	30	SAND/SANDY SHALE
1780	1810	30	SANDY SHALE
1810	1840	30	SANDY SHALE/COAL/SANDY SHALE
1840	1870	30	SANDY SHALE/COAL/SANDY SHALE
1870	1900	30	SANDY SHALE/COAL
1900	1930	30	SANDY SHALE/SAND
1930	1960	30	SAND/COAL/SANDY SHALE
1960	1990	30	SAND/SHALE/COAL
1990	2020	30	SAND/SHALE/COAL
2020	2050	30	SAND/SHALE
2050	2080	30	SAND/SHALE/COAL
2080	2200	120	SAND/SHALE
2200	2230	30	SAND/SHALE/COAL
2230	2260	30	SAND/SHALE

2260' TOTAL DEPTH
24.5' OF 18" CASING
585.21' OF 13 3/8" CASING
797.4' OF 9 5/8" CASING
1063.2' OF 7" CASING
2246.85' OF 4 1/2" CASING