



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: 546
 Company: CNX Gas Company LLC
 File Number: RU-0347
 Operations Name: CBM BE109 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 12/28/2005 Drilling Contractor: NOAH HORN
 Date drilling completed: 1/3/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,575
 Log Total Depth (feet): 2,586 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X: 983,161 Final Plat State Plane X: 983,162
 Permitted State Plane Y: 292,662 Final Plat State Plane Y: 292,661

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
BE109 PLAT	BE109PLAT.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
1,495	DAMP	
55	DAMP	

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
BE109 SEAMS	BE109SEAMS.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
BE109 SHOWS	BE109SHOWS.pdf

4. Electric Logs (As required by 4VAC25-150-280.A.)

List all logs run: DENSITY,GAMMA, CALIPER, 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
BE109 SURVEY	BE109SURVEY.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
BE109 CASING	BE109CASING.pdf

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.

MINE VOID FROM 241'-245', 7" CASING CEMENTED TO SURFACE ON THE BACKSIDE.

8. Drillers Log

Compiled By: NOAH HORN

List of Attached Items:

Description	FileName
BE109 DRILLER'S LOG	BE109DRILL.pdf

9. Comments

PREVIOUSLY APPROVED BY DGO L. SINEMUS ON 2/13/06.

10. Signature

Permitee: CNX Gas Company LLC Date: 7/23/2007 (Company)

Signed By: LES ARRINGTON Title: MGR ENVIRONMENTAL/PERMITTING (Signature)

INTERNAL USE ONLY

Submit Date: 7/23/2007

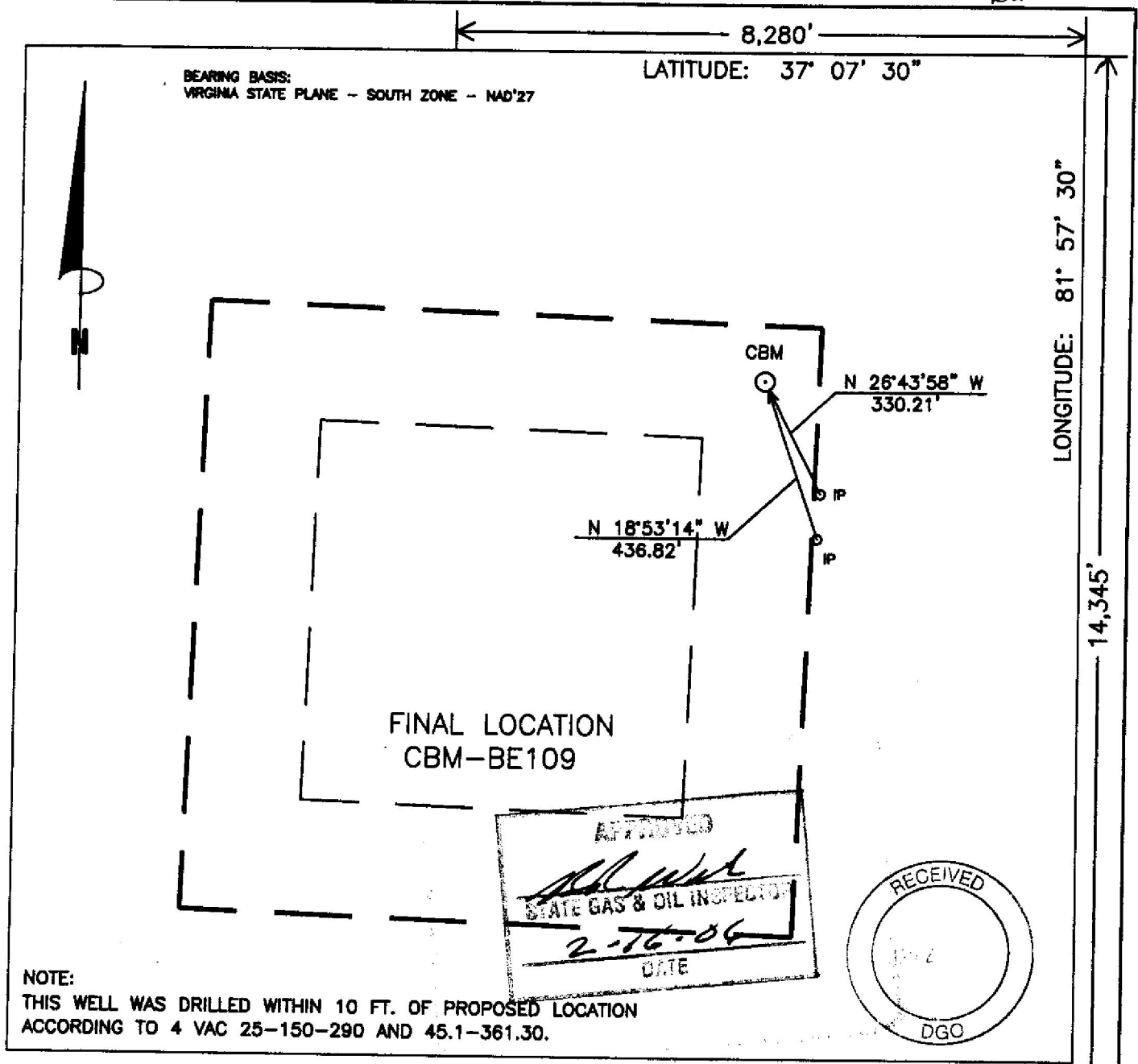
Status: Inspr Approved

Date: 7/24/2007

Final PDF Date: 7/24/2007

2/13/06

RU-347



NOTE:
 THIS WELL WAS DRILLED WITHIN 10 FT. OF PROPOSED LOCATION
 ACCORDING TO 4 VAC 25-150-290 AND 45.1-361.30.

WELL LOCATION PLAT

BE109FML
 PGP23/34-0402/78

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-BE109
 TRACT NUMBER BUCKHORN COAL CO QUADRANGLE HONAKER
 DISTRICT: NEW GARDEN
 WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 292,661.43 E 983,162.20
 ELEVATION: 2556.91' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S
 COUNTY RUSSELL Scale: 1" = 400' Date 01-05-06
 THIS PLAT IS A NEW PLAT ; AN UPDATED PLAT ; OR A FINAL LOCATION PLAT

+ 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)

D.R. Price

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

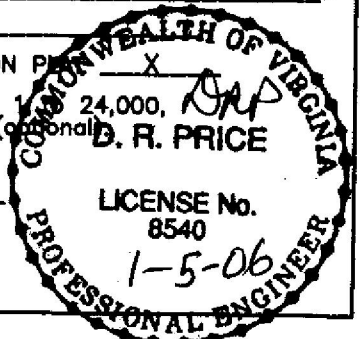


Exhibit A

Well Name: 06-CNX-BE-109
 SURFACE ELEV: 2556.91 EASTING: 983162.20 NORTHING: 292661.43

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	0.00	51.90	2556.91	51.90	
LB1	51.90	54.70	2505.01	2.80	
	54.70	240.70	2502.21	186.00	
KN2	240.70	244.00	2316.21	3.30	MINED OUT
	244.00	373.40	2312.91	129.40	
AL1	373.40	374.00	2183.51	0.60	
	374.00	429.20	2182.91	55.20	
AL2	429.20	431.30	2127.71	2.10	
	431.30	553.20	2125.61	121.90	
RA2	553.20	556.00	2003.71	2.80	
	556.00	562.10	2000.91	6.10	
COAL	562.10	562.20	1994.81	0.10	
	562.20	577.10	1994.71	14.90	
COAL	577.10	577.20	1979.81	0.10	
	577.20	578.70	1979.71	1.50	
RA3	578.70	579.70	1978.21	1.00	
	579.70	701.40	1977.21	121.70	
JB1	701.40	703.40	1855.51	2.00	
	703.40	739.60	1853.51	36.20	
JB3	739.60	741.80	1817.31	2.20	
	741.80	782.00	1815.11	40.20	
*COAL	782.00	782.10	1774.91	0.10	
	782.10	789.60	1774.81	7.50	
*T1	789.60	790.00	1767.31	0.40	
	790.00	877.40	1766.91	87.40	
*TI	877.40	878.60	1679.51	1.20	
	878.60	880.00	1678.31	1.40	
*COAL	880.00	880.10	1676.91	0.10	
	880.10	881.80	1676.81	1.70	
*COAL	881.80	882.00	1675.11	0.20	
	882.00	1007.00	1674.91	125.00	
*US1	1007.00	1007.90	1549.91	0.90	
	1007.90	1010.60	1549.01	2.70	
*LC1	1010.60	1010.70	1546.31	0.10	
	1010.70	1011.20	1546.21	0.50	
*LC2	1011.20	1011.40	1545.71	0.20	
	1011.40	1026.50	1545.51	15.10	
*LC4	1026.50	1029.00	1530.41	2.50	
	1029.00	1180.90	1527.91	151.90	
*GC1	1180.90	1181.20	1376.01	0.30	
	1181.20	1181.90	1375.71	0.70	
*COAL	1181.90	1182.90	1375.01	1.00	
	1182.90	1183.10	1374.01	0.20	
*COAL	1183.10	1184.00	1373.81	0.90	
	1184.00	1287.60	1372.91	103.60	
*SE1	1287.60	1288.10	1269.31	0.50	
	1288.10	1321.50	1268.81	33.40	
*SE2	1321.50	1324.00	1235.41	2.50	
	1324.00	1336.80	1232.91	12.80	
*SE3	1336.80	1336.90	1220.11	0.10	
	1336.90	1340.00	1220.01	3.10	
*COAL	1340.00	1340.10	1216.91	0.10	
	1340.10	1356.60	1216.81	16.50	
*LS1	1356.60	1357.00	1200.31	0.40	
*LS2	1357.00	1358.30	1199.91	1.30	
	1358.30	1422.00	1198.61	63.70	
*COAL	1422.00	1422.20	1134.91	0.20	
	1422.20	1423.00	1134.71	0.80	

*LS3	1423.00	1424.70	1133.91	1.70
	1424.70	1470.00	1132.21	45.30
*UH2	1470.00	1471.90	1086.91	1.90
	1471.90	1490.80	1085.01	18.90
*UH3	1490.80	1491.90	1066.11	1.10
	1491.90	1530.00	1065.01	38.10
*MH1	1530.00	1531.40	1026.91	1.40
	1531.40	1614.20	1025.51	82.80
*COAL	1614.20	1614.30	942.71	0.10
	1614.30	1677.90	942.61	63.60
*P11	1677.90	1680.40	879.01	2.50
	1680.40	1696.00	876.51	15.60
*P10	1696.00	1697.70	860.91	1.70
	1697.70	1720.10	859.21	22.40
*LH1	1720.10	1721.50	836.81	1.40
	1721.50	1727.80	835.41	6.30
*LH2	1727.80	1728.90	829.11	1.10
	1728.90	1730.00	828.01	1.10
*COAL	1730.00	1730.10	826.91	0.10
	1730.10	1764.00	826.81	33.90
*P91	1764.00	1764.70	792.91	0.70
*P92	1764.70	1765.90	792.21	1.20
	1765.90	1820.90	791.01	55.00
*P81	1820.90	1822.90	736.01	2.00
	1822.90	1824.00	734.01	1.10
*P82	1824.00	1824.60	732.91	0.60
	1824.60	1826.00	732.31	1.40
*P71	1826.00	1826.50	730.91	0.50
	1826.50	1863.90	730.41	37.40
*COAL	1863.90	1864.30	693.01	0.40
	1864.30	1866.00	692.61	1.70
*COAL	1866.00	1866.50	690.91	0.50
	1866.50	1868.90	690.41	2.40
*COAL	1868.90	1869.00	688.01	0.10
	1869.00	1947.30	687.91	78.30
*P72	1947.30	1949.00	609.61	1.70
	1949.00	1971.90	607.91	22.90
*COAL	1971.90	1972.00	585.01	0.10
	1972.00	1972.50	584.91	0.50
*COAL	1972.50	1972.90	584.41	0.40
	1972.90	1987.70	584.01	14.80
*COAL	1987.70	1988.00	569.21	0.30
	1988.00	2086.00	568.91	98.00
*P61	2086.00	2086.50	470.91	0.50
	2086.50	2139.50	470.41	53.00
*P51	2139.50	2140.10	417.41	0.60
	2140.10	2141.00	416.81	0.90
*COAL	2141.00	2141.10	415.91	0.10
	2141.10	2152.20	415.81	11.10
*P52	2152.20	2152.30	404.71	0.10
	2152.30	2212.10	404.61	59.80
*P41	2212.10	2212.20	344.81	0.10
	2212.20	2213.00	344.71	0.80
*COAL	2213.00	2213.10	343.91	0.10
	2213.10	2213.90	343.81	0.80
*COAL	2213.90	2214.00	343.01	0.10
	2214.00	2219.50	342.91	5.50
*P42	2219.50	2219.60	337.41	0.10
	2219.60	2308.00	337.31	88.40
*P31	2308.00	2309.40	248.91	1.40
*P32	2309.40	2310.30	247.51	0.90
	2310.30	2346.90	246.61	36.60
*P34	2346.90	2347.90	210.01	1.00
	2347.90	2449.80	209.01	101.90
*P01	2449.80	2449.90	107.11	0.10
	2449.90	2586.06	107.01	136.16

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
WELL'S PROXIMITY TO FLATROCK CREEK.
GAMMA-CALIPER LOG FROM 0 TO 303.00
GAMMA-DENSITY LOG FROM 303.00 TO TD.
FILE: C:\VP\GAS\BE109.CMP
DATE: 01/20/06

Gas and Oil Shows

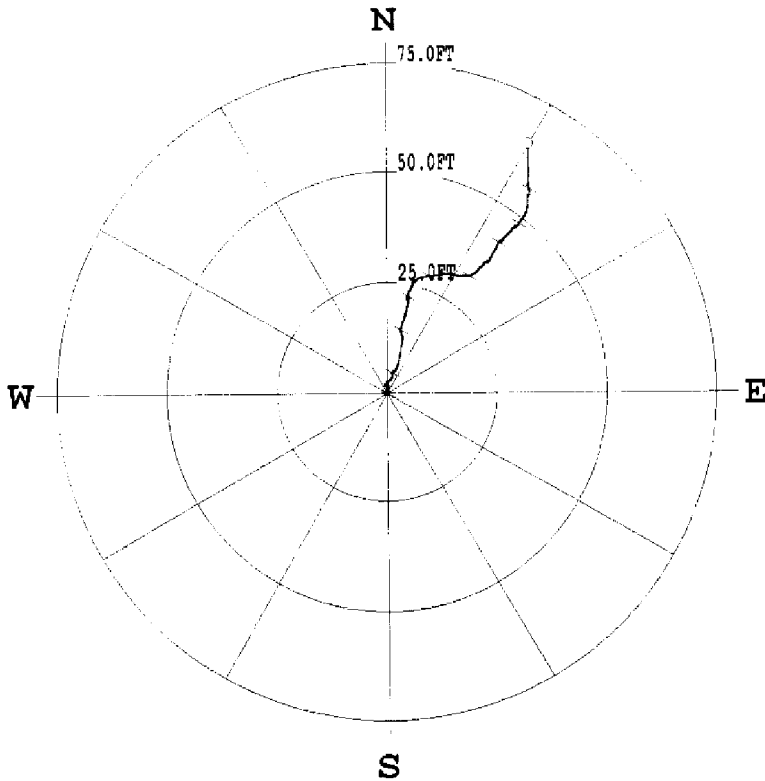
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	877	1823	946	No Show		
Pocahontas	1947	2348	401	No Show		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: Consol Energy
 LOCATION:
 HOLE ID: 05-CN-109
 DATE OF LOG: 01/03/06
 ROBE: 9136CA 955

↑
 N
 ↓
 MAG DECL: -6.9

SCALE: 25 FT/IN
 TRUE DEPTH: 2574.22 FT
 AZIMUTH: 29.8
 DISTANCE: 64.7 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



COMPU LOG VERICAL DEVIATION

CLIENT	: Consol Energy	HOLE ID.	: 05-CN-109
FIELD OFFICE	: Vansant, Va	DATE OF LOG	: 01/03/06
DATA FROM	:	PROBE	: 9136CA , 955
MAG. DECL.	: -6.900	DEPTH UNITS	: FEET
LOG: 05-CN-109_01-03-06_10-14_9136CA_02_-0.02_2574.04_DEVI.log			

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
50.0	49.99	0.27	-0.19	0.3	325.1	1.4	1.9
60.0	59.99	0.47	-0.12	0.5	345.3	1.2	34.4
70.0	69.99	0.68	-0.03	0.7	357.3	1.3	47.0
80.0	79.98	0.86	0.03	0.9	2.1	1.3	323.6
90.0	89.98	1.10	0.07	1.1	3.6	1.3	32.1
100.0	99.96	1.25	0.24	1.3	10.6	1.1	72.0
110.0	109.97	1.44	0.19	1.5	7.4	1.7	300.9
120.0	119.97	1.75	0.07	1.7	2.4	1.6	338.0
130.0	129.96	1.77	-0.03	1.8	359.1	1.0	204.7
140.0	139.96	1.63	-0.13	1.6	355.6	0.9	201.7
150.0	149.96	1.63	-0.33	1.7	348.7	1.3	305.3
160.0	159.95	1.73	-0.54	1.8	342.8	0.9	112.7
170.0	169.95	1.77	-0.40	1.8	347.4	0.9	130.1
180.0	179.95	1.75	-0.28	1.8	350.8	0.9	55.9
190.0	189.95	1.93	-0.12	1.9	356.5	2.4	17.1
200.0	199.94	2.28	0.30	2.3	0.1	1.7	47.3
210.0	209.94	2.48	0.24	2.5	5.4	1.6	56.7
220.0	219.93	2.62	0.45	2.7	9.3	1.2	69.0
230.0	229.93	2.73	0.66	2.8	13.6	1.8	47.5
240.0	239.92	3.04	0.87	3.2	16.0	0.0	0.0
250.0	249.92	3.12	0.90	3.2	16.0	2.1	23.6

250.0	249.92	3.12	0.90	3.2	16.0	2.1	23.6
260.0	259.91	3.40	1.06	3.6	17.3	2.1	10.7
270.0	269.91	3.74	1.13	3.9	16.8	2.1	8.5
280.0	279.90	4.11	1.03	4.2	14.1	2.2	344.9
290.0	289.89	4.13	1.24	4.3	16.7	2.1	108.2
300.0	299.89	4.26	1.39	4.5	18.1	1.5	50.2
310.0	309.89	4.36	1.23	4.5	15.7	1.2	287.3
320.0	319.88	4.69	1.43	4.9	16.9	2.3	125.9
330.0	329.87	4.57	1.72	4.9	20.6	1.9	23.5
340.0	339.86	4.87	1.84	5.2	20.7	1.9	30.6
350.0	349.86	5.19	2.01	5.6	21.2	2.2	21.8
360.0	359.85	5.54	2.16	5.9	21.3	2.1	13.5
370.0	369.84	5.90	2.26	6.3	21.0	2.4	31.1
380.0	379.83	6.29	2.43	6.7	21.1	2.7	12.5
390.0	389.82	6.74	2.55	7.2	20.7	2.6	6.6
400.0	399.81	7.17	2.65	7.6	20.3	2.5	18.5
410.0	409.80	7.62	2.77	8.1	20.0	2.7	17.5
420.0	419.79	8.04	2.86	8.5	19.5	2.7	62.3
430.0	429.78	8.42	2.95	8.9	19.3	2.4	328.5
440.0	439.77	8.76	3.10	9.3	19.5	2.7	20.8
450.0	449.76	9.18	3.13	9.7	18.9	2.4	22.6
460.0	459.75	9.57	3.19	10.1	18.4	2.3	358.2
470.0	469.74	9.97	3.18	10.5	17.7	2.5	19.6
480.0	479.73	10.42	3.24	10.9	17.3	2.6	10.2
490.0	489.72	10.86	3.36	11.4	17.2	2.5	359.8
500.0	499.71	11.23	3.46	11.8	17.1	2.6	18.0
510.0	509.70	11.71	3.54	12.2	16.8	2.4	18.7
520.0	519.69	12.11	3.71	12.7	17.0	2.6	17.2
530.0	529.68	12.53	3.79	13.1	16.8	2.3	12.4
540.0	539.68	12.34	3.56	12.8	16.1	3.0	274.5
550.0	549.68	12.52	3.28	12.9	14.7	2.4	11.8
560.0	559.68	12.87	3.41	13.3	14.6	2.2	359.0
570.0	569.68	13.15	3.16	13.5	13.5	2.5	300.0
580.0	579.64	13.44	3.24	13.8	13.6	1.8	358.3
590.0	589.64	13.73	3.19	14.1	13.0	1.6	0.3
600.0	599.63	13.99	3.05	14.3	12.3	1.7	301.5
610.0	609.63	14.24	3.03	14.6	12.0	1.9	24.1
620.0	619.62	14.50	3.18	14.8	12.4	1.6	341.1
630.0	629.62	14.72	3.28	15.1	12.8	1.6	16.9
640.0	639.62	14.95	3.32	15.3	12.5	1.5	19.5
650.0	649.61	15.22	3.46	15.6	12.8	1.9	20.8
660.0	659.61	15.51	3.55	15.9	12.9	1.9	33.7
670.0	669.60	15.82	3.67	16.2	13.1	1.9	23.4
680.0	679.59	16.15	3.81	16.6	13.3	2.0	33.2
690.0	689.59	16.41	3.93	16.9	13.5	1.8	323.3
700.0	699.58	16.69	4.01	17.2	13.5	2.1	7.4
710.0	709.58	17.03	4.07	17.5	13.4	2.1	12.1
720.0	719.57	17.35	4.26	17.9	13.8	2.1	12.9
730.0	729.56	17.64	4.26	18.2	13.6	2.1	65.1
740.0	739.56	18.00	4.33	18.5	13.5	2.0	2.9
750.0	749.55	18.36	4.44	18.9	13.6	2.1	13.5
760.0	759.54	18.70	4.54	19.2	13.7	2.0	17.3
770.0	769.54	19.03	4.59	19.6	13.5	1.8	21.6
780.0	779.53	19.35	4.67	19.9	13.6	2.1	9.5
790.0	789.52	19.71	4.73	20.3	13.5	2.1	16.4
800.0	799.52	20.06	4.80	20.6	13.5	2.0	2.8
810.0	809.51	20.40	4.88	21.0	13.5	2.0	16.3
820.0	819.51	20.75	4.96	21.3	13.4	2.0	1.4
830.0	829.50	21.08	5.04	21.7	13.4	2.0	11.1
840.0	839.49	21.41	5.13	22.0	13.5	1.9	5.7
850.0	849.49	21.27	5.00	21.8	13.2	2.8	223.0
860.0	859.48	21.17	4.84	21.7	12.9	2.1	160.4
870.0	869.47	21.03	4.83	21.6	12.9	3.3	209.0

870.0	869.47	21.93	4.83	21.6	12.9	3.3	209.0
880.0	879.46	20.92	4.54	21.4	12.2	2.2	335.0
890.0	869.45	21.27	4.63	21.8	12.3	2.2	13.4
900.0	899.44	21.60	4.65	22.1	12.2	2.0	25.1
910.0	909.44	21.92	4.78	22.4	12.3	1.9	348.8
920.0	919.43	22.11	4.95	22.7	12.6	2.0	63.5
930.0	929.43	22.33	4.86	22.9	12.3	1.5	356.3
940.0	939.42	22.60	4.99	23.1	12.4	1.9	26.4
950.0	949.42	22.90	5.12	23.5	12.6	1.8	23.6
960.0	959.41	23.17	5.28	23.8	12.8	1.9	28.8
970.0	969.41	23.47	5.40	24.1	13.0	1.8	33.8
980.0	979.40	23.72	5.59	24.4	13.3	1.9	11.7
990.0	989.40	24.00	5.71	24.7	13.4	1.9	29.0
1000.0	999.39	24.29	5.88	25.0	13.6	1.9	39.7
1010.0	1009.39	24.50	5.90	25.2	13.5	1.6	282.8
1020.0	1019.38	24.75	5.90	25.4	13.4	2.3	38.9
1030.0	1029.37	25.12	6.10	25.9	13.6	2.3	37.4
1040.0	1039.36	25.01	6.27	25.6	14.1	2.3	139.2
1050.0	1049.35	25.14	6.43	26.0	14.4	1.6	47.1
1060.0	1059.35	25.35	6.64	26.2	14.7	1.5	36.8
1070.0	1069.35	25.50	6.82	26.4	15.0	1.4	58.8
1080.0	1079.34	25.64	7.02	26.6	15.3	1.3	49.8
1090.0	1089.34	25.73	7.20	26.7	15.6	1.2	62.9
1100.0	1099.34	25.82	7.39	26.9	16.0	1.3	74.3
1110.0	1109.34	25.90	7.59	27.0	16.3	1.3	78.3
1120.0	1119.33	25.97	7.80	27.1	16.7	1.3	72.8
1130.0	1129.33	26.03	8.01	27.2	17.1	1.3	78.0
1140.0	1139.33	26.07	8.22	27.3	17.5	1.1	83.5
1150.0	1149.33	26.06	8.42	27.4	17.9	1.2	69.6
1160.0	1159.33	26.10	8.62	27.5	18.3	1.1	99.0
1170.0	1169.32	26.16	8.82	27.6	18.6	1.1	63.0
1180.0	1179.32	26.16	9.04	27.7	19.1	1.4	81.9
1190.0	1189.32	26.24	9.27	27.8	19.5	1.4	94.3
1200.0	1199.31	26.26	9.53	27.9	19.9	1.4	85.8
1210.0	1209.31	26.29	9.77	28.1	20.4	1.6	95.5
1220.0	1219.31	26.35	10.02	28.2	20.8	1.3	78.5
1230.0	1229.31	26.34	10.26	28.3	21.3	1.6	90.1
1240.0	1239.30	26.38	10.54	28.4	21.8	1.5	80.4
1250.0	1249.30	26.43	10.79	28.5	22.2	1.4	83.5
1260.0	1259.29	26.44	11.04	28.7	22.7	1.6	79.4
1270.0	1269.29	26.47	11.32	28.8	23.2	1.6	82.4
1280.0	1279.29	26.50	11.62	28.9	23.7	1.8	94.1
1290.0	1289.28	26.53	11.90	29.1	24.2	1.6	73.0
1300.0	1299.28	26.51	12.17	29.2	24.7	1.8	76.9
1310.0	1309.27	26.60	12.49	29.4	25.2	1.9	72.9
1320.0	1319.27	26.65	12.79	29.6	25.6	1.8	86.3
1330.0	1329.26	26.69	13.09	29.7	26.1	1.8	85.3
1340.0	1339.26	26.67	13.40	29.8	26.7	2.0	95.0
1350.0	1349.25	26.76	13.67	30.1	27.1	1.8	105.6
1360.0	1359.25	26.69	13.94	30.1	27.6	1.6	54.7
1370.0	1369.24	26.73	14.20	30.3	28.0	1.9	84.8
1380.0	1379.24	26.70	14.50	30.4	28.5	1.6	102.8
1390.0	1389.24	26.63	14.80	30.5	29.1	1.9	108.5
1400.0	1399.23	26.54	15.13	30.5	29.7	1.9	99.9
1410.0	1409.22	26.48	15.45	30.7	30.3	1.9	112.1
1420.0	1419.22	26.45	15.77	30.8	30.8	1.9	107.6
1430.0	1429.21	26.39	16.11	30.9	31.4	2.2	99.0
1440.0	1439.20	26.37	16.50	31.1	32.0	2.2	98.7
1450.0	1449.20	26.29	16.89	31.2	32.7	2.5	85.9
1460.0	1459.19	26.26	17.30	31.4	33.4	2.3	93.5
1470.0	1469.18	26.19	17.70	31.6	34.1	2.3	92.6
1480.0	1479.17	26.20	18.07	31.8	34.6	2.0	80.8
1490.0	1489.17	26.18	18.40	32.0	35.1	1.8	90.1

1460.0	1469.19	28.26	17.40	31.4	33.4	2.3	93.5
1470.0	1469.18	26.19	17.70	31.6	34.1	2.3	92.6
1480.0	1479.17	26.20	18.07	31.8	34.6	2.0	80.8
1490.0	1489.17	26.18	18.40	32.0	35.1	1.8	90.1
1500.0	1499.16	26.20	18.68	32.2	35.5	1.7	77.7
1510.0	1509.16	26.18	18.91	32.3	35.9	1.5	72.4
1520.0	1519.16	26.34	19.02	32.5	35.8	1.2	61.9
1530.0	1529.15	26.42	19.24	32.7	36.1	1.4	101.4
1540.0	1539.15	26.54	19.49	32.9	36.3	1.6	70.4
1550.0	1549.14	26.67	19.76	33.2	36.5	1.8	44.1
1560.0	1559.14	26.84	19.98	33.5	36.7	1.7	64.0
1570.0	1569.14	27.02	20.23	33.8	36.8	1.9	48.9
1580.0	1579.13	27.24	20.47	34.1	36.9	2.0	55.6
1590.0	1589.12	27.46	20.73	34.4	37.0	2.0	48.2
1600.0	1599.12	27.75	20.96	34.8	37.1	2.3	34.5
1610.0	1609.11	28.00	21.27	35.2	37.2	2.3	30.0
1620.0	1619.10	28.32	21.52	35.6	37.2	2.4	51.0
1630.0	1629.09	28.57	21.83	36.0	37.4	2.4	76.7
1640.0	1639.08	28.84	21.94	36.2	37.3	2.0	5.6
1650.0	1649.08	29.12	22.18	36.6	37.3	2.3	33.4
1660.0	1659.07	29.43	22.40	37.0	37.3	2.1	32.0
1670.0	1669.06	29.48	22.69	37.2	37.6	2.4	135.5
1680.0	1679.05	29.35	23.01	37.3	38.1	2.5	49.7
1690.0	1689.04	29.74	23.23	37.7	38.0	2.8	45.5
1700.0	1699.03	30.15	23.49	38.2	37.9	2.9	20.8
1710.0	1709.02	30.52	23.78	38.7	37.9	2.7	27.7
1720.0	1719.01	30.95	23.96	39.1	37.7	2.7	34.2
1730.0	1729.00	31.34	24.18	39.6	37.7	2.5	54.0
1740.0	1738.99	31.73	24.33	40.0	37.5	2.7	16.4
1750.0	1748.98	32.12	24.60	40.5	37.4	2.6	38.0
1760.0	1758.97	32.51	24.78	40.9	37.3	2.6	8.2
1770.0	1768.96	32.87	24.95	41.3	37.2	2.5	354.6
1780.0	1778.95	33.20	25.13	41.7	37.2	2.4	21.3
1790.0	1788.94	33.55	25.32	42.1	37.0	2.4	25.9
1800.0	1798.93	33.94	25.47	42.4	36.9	2.3	56.0
1810.0	1808.92	34.22	25.71	42.8	36.9	2.4	96.5
1820.0	1818.91	34.17	25.99	42.9	37.3	2.6	184.4
1830.0	1828.90	34.16	26.17	43.0	37.5	1.6	61.6
1840.0	1838.90	34.41	26.27	43.3	37.4	1.7	353.6
1850.0	1848.89	34.68	26.46	43.6	37.3	2.0	28.3
1860.0	1858.89	34.67	26.61	43.7	37.5	1.8	211.5
1870.0	1868.88	34.49	26.45	43.5	37.5	2.7	168.8
1880.0	1878.87	34.59	26.57	43.6	37.5	1.8	53.6
1890.0	1888.87	34.86	26.75	43.9	37.5	1.6	20.0
1900.0	1898.86	35.27	26.95	44.2	37.5	1.8	45.3
1910.0	1908.86	35.31	27.12	44.5	37.5	1.5	17.5
1920.0	1918.86	35.49	27.29	44.8	37.6	1.5	85.1
1930.0	1928.85	35.60	27.50	45.0	37.7	1.3	65.1
1940.0	1938.85	35.65	27.69	45.1	37.8	1.8	22.3
1950.0	1948.84	35.63	27.57	45.1	37.7	3.0	163.9
1960.0	1958.84	35.78	27.68	45.2	37.7	2.0	36.4
1970.0	1968.83	35.90	27.96	45.2	37.8	2.4	62.3
1980.0	1978.82	36.30	28.14	45.9	37.8	1.9	36.9
1990.0	1988.82	36.56	28.37	46.3	37.8	2.0	40.8
2000.0	1998.81	36.83	28.59	46.6	37.6	2.0	40.3
2010.0	2008.81	37.06	28.84	47.0	37.9	2.1	77.2
2020.0	2018.80	37.32	29.00	47.3	37.8	1.8	22.7
2030.0	2028.80	37.58	29.18	47.6	37.8	1.9	41.0
2040.0	2038.79	37.38	29.34	47.5	38.1	1.9	190.9
2050.0	2048.78	37.62	29.31	47.7	37.9	2.5	3.2
2060.0	2058.77	37.53	29.62	47.8	38.3	2.3	78.5
2070.0	2068.76	37.83	29.90	48.2	38.3	2.4	29.2
2080.0	2078.76	38.16	30.12	48.6	38.3	2.3	41.9

2010.0	2008.61	37.08	28.81	47.5	37.8	1.8	22.7
2020.0	2018.80	37.32	29.00	47.3	37.8	1.8	22.7
2030.0	2028.80	37.58	29.18	47.6	37.8	1.9	41.0
2040.0	2038.79	37.38	29.34	47.5	38.1	1.9	190.9
2050.0	2048.78	37.62	29.31	47.7	37.9	2.5	3.2
2060.0	2058.77	37.53	29.62	47.8	38.3	2.3	78.5
2070.0	2068.76	37.83	29.90	48.2	38.3	2.4	29.2
2080.0	2078.76	38.16	30.12	48.6	38.3	2.3	41.9
2090.0	2088.75	38.47	30.32	49.0	38.2	2.2	75.3
2100.0	2098.74	38.31	30.11	48.7	38.2	1.4	178.3
2110.0	2108.74	38.26	30.28	48.8	38.4	2.1	30.1
2120.0	2118.73	38.59	30.42	49.1	38.2	2.0	16.2
2130.0	2128.72	38.92	30.54	49.5	38.1	2.0	18.9
2140.0	2138.72	39.17	30.76	49.8	38.1	2.0	198.2
2150.0	2148.71	39.06	30.97	49.8	38.4	1.4	359.7
2160.0	2158.71	39.31	31.02	50.1	38.3	1.5	354.0
2170.0	2168.71	39.56	31.09	50.3	38.2	1.5	19.4
2180.0	2178.70	39.81	31.14	50.5	38.0	1.5	17.7
2190.0	2188.70	39.88	31.26	50.7	38.1	1.6	217.4
2200.0	2198.69	39.89	31.32	50.7	38.1	2.2	10.7
2210.0	2208.69	40.23	31.42	51.1	38.0	2.0	19.6
2220.0	2218.68	40.46	31.56	51.3	38.0	2.3	112.9
2230.0	2228.67	40.50	31.80	51.5	38.1	1.7	21.9
2240.0	2238.67	40.79	31.78	51.7	37.9	1.6	355.6
2250.0	2248.67	41.06	31.79	51.9	37.7	1.7	7.5
2260.0	2258.66	41.38	31.81	52.2	37.5	1.8	2.0
2270.0	2268.66	41.62	31.88	52.4	37.5	1.7	159.6
2280.0	2278.66	41.48	32.03	52.4	37.7	2.3	54.6
2290.0	2288.64	41.88	32.07	52.7	37.4	2.5	357.2
2300.0	2298.63	42.31	32.06	53.1	37.2	2.6	355.7
2310.0	2308.62	42.75	32.07	53.5	36.9	2.7	1.4
2320.0	2318.61	43.25	32.01	53.8	36.5	2.8	356.4
2330.0	2328.60	43.72	32.00	54.2	36.2	2.6	354.9
2340.0	2338.59	44.18	31.94	54.5	35.9	2.7	0.8
2350.0	2348.58	44.26	32.14	54.7	36.0	2.7	196.7
2360.0	2358.57	44.25	32.07	54.6	35.9	2.8	333.1
2370.0	2368.56	44.53	32.29	55.0	35.9	2.5	42.4
2380.0	2378.55	44.98	32.34	55.4	35.7	2.9	357.9
2390.0	2388.53	45.49	32.37	55.8	35.4	2.8	3.4
2400.0	2398.52	45.99	32.36	56.2	35.1	3.1	6.6
2410.0	2408.51	46.47	32.34	56.6	34.8	2.8	2.3
2420.0	2418.50	46.79	32.25	56.8	34.6	3.3	248.1
2430.0	2428.48	46.85	32.22	56.9	34.5	2.8	35.9
2440.0	2438.47	47.35	32.29	57.3	34.3	3.3	345.2
2450.0	2448.45	47.93	32.29	57.6	34.0	3.3	358.2
2460.0	2458.43	48.52	32.29	58.3	33.6	3.3	8.9
2470.0	2468.42	49.06	32.31	58.7	33.4	3.3	359.1
2480.0	2478.40	49.65	32.33	59.2	33.1	3.3	0.1
2490.0	2488.39	50.25	32.33	59.8	32.8	3.6	4.3
2500.0	2498.36	50.88	32.30	60.3	32.4	3.8	0.8
2510.0	2508.34	51.56	32.30	60.8	32.1	3.8	335.5
2520.0	2518.32	52.23	32.29	61.4	31.7	3.8	358.6
2530.0	2528.29	52.91	32.27	62.0	31.4	4.2	2.1
2540.0	2538.27	53.59	32.25	62.5	31.0	3.9	351.0
2550.0	2548.24	54.30	32.22	63.1	30.7	3.9	352.8
2560.0	2558.22	55.01	32.19	63.7	30.3	4.2	3.5
2570.0	2568.19	55.72	32.13	64.3	30.0	4.2	358.8
2576.0	2574.12	56.16	32.16	64.7	29.8	4.2	0.0

CASING AND TUBING PROGRAM

	Casing	Casing Interval	Hole Size	Cement Used In Cu/Ft	Cemented To Surface		Date Cemented	Packers Or Bridge Plugs Kind/Size/Set
					Yes	No		
Conductor	13 3/8"	38.35'	16"		<input type="checkbox"/>	X	12-28-05	
Surface	7"	287.2'	8 7/8"	70.8 Cu/ft		X	12-29-05	Basket @ 221'
Water Protection	4 1/2"	2370'	6 1/2"	353.8 Cu/ft	X	<input type="checkbox"/>	1-3-06	
Coal Protection	4 1/2"	2370'	6 1/2"	353.8 Cu/ft	X	<input type="checkbox"/>	1-3-06	
Other Casing And Tubing Left In Well					<input type="checkbox"/>	<input type="checkbox"/>		
Liners					<input type="checkbox"/>	<input type="checkbox"/>		

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: BE-109

LOCATION:

DRILL RIG #: 17

DATE STARTED: 12-28-05

DATED COMPLETED: 01-03-06

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	38	38	OVERBURDEN	
38	85	47	SAND/SANDY SHALE	
85	115	30	SAND/COAL/SANDY SHALE	
115	145	30	SAND/SANDY SHALE	
145	175	30	SANDY SHALE/SAND/SANDY SHALE	
175	205	30	SAND/COAL/SANDY SHALE	
205	232	27	SAND STONE/SAND	
232	235	3	VOID	
235	265	30	SANDY SHALE/SAND	
265	295	30	SAND/SANDY SHALE/SAND	
295	310	15	SAND/SANDY SHALE	
310	325	15	SAND/SANDY SHALE	
325	355	30	SANDY SHALE	
355	385	30	SANDY SHALE/COAL/SHALE	
385	415	30	SHALE	
415	445	30	SANDY SHALE/COAL/SANDY SHALE	
445	475	30	SHALE	
475	505	30	SHALE/SANDY SHALE/SHALE	
505	535	30	SANDY SHALE	
535	565	30	SANDY SHALE/COAL/SHALE	
565	595	30	SHALE/COAL/SANDY SHALE	
595	625	30	SANDY SHALE	
625	655	30	SANDY SHALE/SHALE	
655	685	30	SAND/SANDY SHALE	
685	715	30	SANDY SHALE/COAL/SANDY SHALE	
715	745	30	SAND/SANDY SHALE/COAL	
745	775	30	SAND STONE	
775	805	30	SAND/SANDY SHALE /COAL /SAND	
805	865	60	SAND/SANDY SHALE/SAND	
865	895	30	SAND/SANDY SHALE/COAL	
895	925	30	SANDY SHALE/SAND	
925	955	30	SAND/SANDY SHALE/SAND	
955	985	30	SANDY SHALE/SAND	
985	1015	30	SAND/COAL/SANDY SHALE	
1015	1045	30	SANDY SHALE/COAL/SANDY SHALE	
1045	1075	30	SANDY SHALE/SAND	
1075	1105	30	SAND/SANDY SHALE	
1105	1135	30	SANDY SHALE/COAL/SAND	
1135	1165	30	SAND STONE	
1165	1195	30	SAND/COAL/SANDY SHALE	
1195	1225	30	SANDY SHALE/SAND/SANDY SHALE	
1225	1255	30	SANDY SHALE/SAND	

1255	1285	30	SAND/SANDY SHALE /SAND /COAL
1285	1315	30	SAND STONE
1315	1345	30	SAND/SANDY SHALE
1345	1375	30	SANDY SHALE/SAND/SANDY SHALE
1375	1405	30	SANDY SHALE/SAND
1405	1435	30	SAND/SANDY SHALE
1435	1465	30	SANDY SHALE/SAND/COAL
1465	1495	30	SANDY SHALE/COAL/SANDY SHALE
1495	1525	30	SANDY SHALE/COAL
1525	1615	90	SANDY SHALE/SAND
1615	1645	30	SAND/SANDY SHALE/SAND
1645	1675	30	SANDY SHALE/COAL/SANDY SHALE
1675	1705	30	SAND/SANDY SHALE /COAL /SAND
1705	1735	30	SAND/SANDY SHALE /COAL/ SANDY SHALE
1735	1765	30	SANDY SHALE/COAL/SAND
1765	1825	60	SAND/SANDY SHALE/SAND
1825	1855	30	SAND/SANDY SHALE
1855	1885	30	SAND/SANDY SHALE/SAND
1885	1915	30	SAND STONE
1915	1945	30	SAND/SANDY SHALE /COAL /SAND
1945	1975	30	SAND STONE
1975	2035	60	SAND/SANDY SHALE/SAND
2035	2065	30	SAND STONE
2065	2095	30	SAND/COAL/SANDY SHALE/SAND
2095	2125	30	SAND/SANDY SHALE
2125	2155	30	SAND/COAL/SANDY SHALE/SAND
2155	2185	30	SAND STONE
2185	2215	30	SAND/COAL/SANDY SHALE
2215	2245	30	SANDY SHALE/SAND
2245	2275	30	SAND/SANDY SHALE/SAND
2275	2302	27	SAND/SANDY SHALE
2302	2305	3	COAL P-3
2305	2335	30	SAND/SANDY SHALE
2335	2365	30	SAND/SANDY SHALE/SAND
2365	2395	30	SAND/SANDY SHALE
2395	2455	60	SANDY SHALE
2455	2485	30	SANDY SHALE/SAND/SANDY SHALE
2485	2515	30	SAND/SANDY SHALE
2515	2575	60	SANDY SHALE/SAND

2575.00 FT. TOTAL DEPTH
38.00 FT. OF 13 3/8" CASING
287.20 FT. OF 7" CASING
2370.00 FT. OF 4 1/2" CASING