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:	531
Company:	CNX Gas Company LLC
File Number:	BU-3112
Operations Name:	CBM D18A W/PL
Operation Type:	Coalbed/Pipeline
Drilling Report Type:	Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/20/2006   Drilling Contractor: NOAH HORN

Date drilling completed: 7/23/2006   Rig Type: ☑ Rotary   ☐ Cable Tool

Driller's Total Depth (feet): 1,915

Log Total Depth (feet): 1,901   Coal Seam At Total Depth   Pocahontas

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

Permitted State Plane X 977,467   Final Plat State Plane X: 977,461

Permitted State Plane Y: 361,264   Final Plat State Plane Y: 361,261

☐ Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
DD18A PLAT	D18APLAT.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
100	DAMP	

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
2,285	DAMP	

Coal Seams

List of Attached Items:

Description	FileName
D18A SEAMS	D18ASEAMS.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
D18A SHOWS	D18ASHOWS.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
D18A SURVEY	D18ASURVEY.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
D18A CASING	D18ACASING.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/occurence.

8. Drillers Log

Compiled By: NOAH HORN

List of Attached Items:

Description	FileName
D18A DRILLER'S LOG	D18ADRILL.pdf

9. Comments

PREVIOUSLY APPROVED BY DGO G. EIDE ON 9/11/06.

10. Signature

Permitee: CNX Gas Company LLC   Date: 7/18/2007   *(Company)*

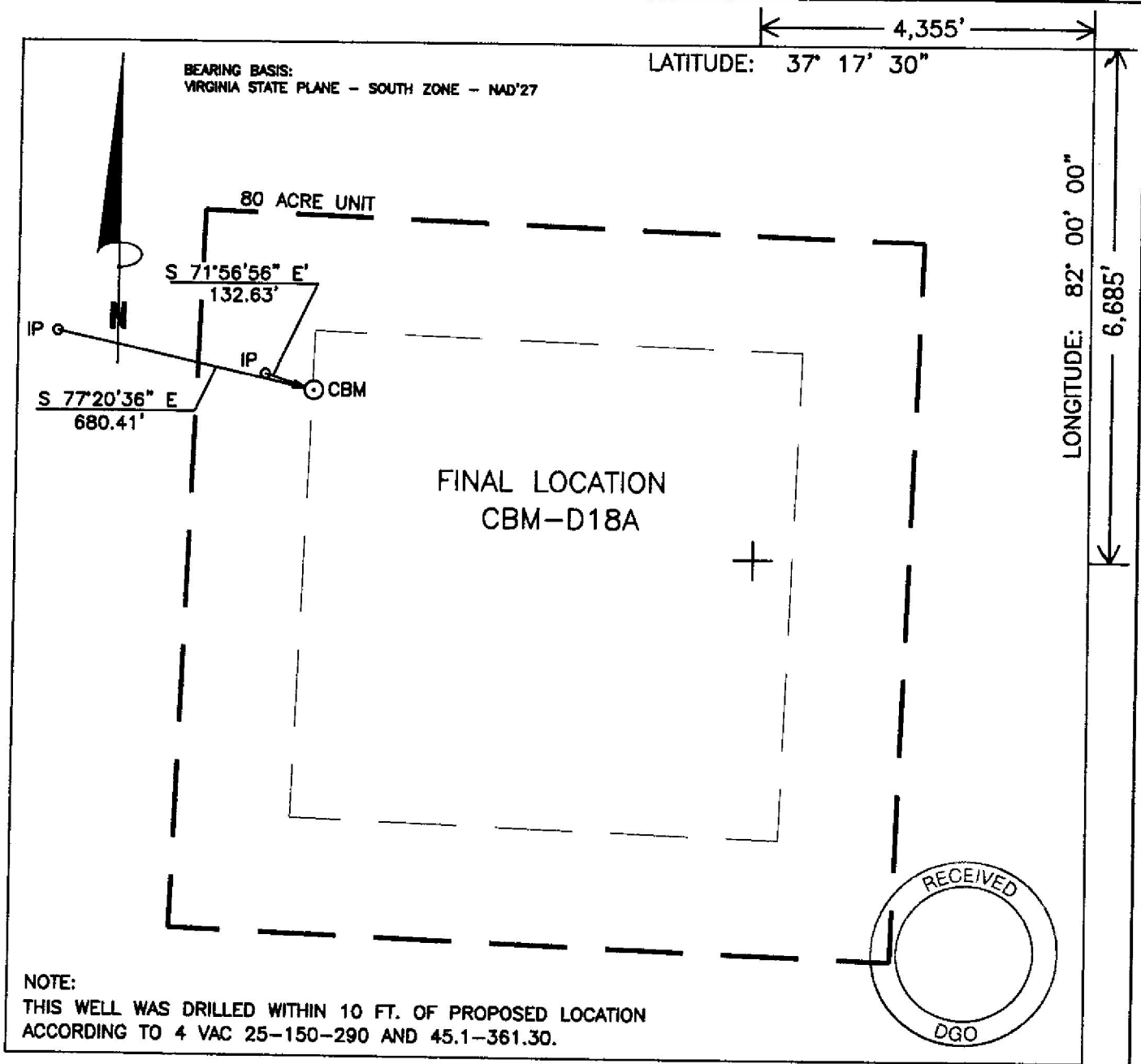Signed By: LES ARRINGTON   Title: MGR ENVIRONMENTAL/PERMITTING   *(Signature)*


INTERNAL USE ONLY

Submit Date: 7/18/2007

Status: Inspr Approved   Date: 7/24/2007

Final PDF Date: 7/24/2007

LATITUDE: 37° 17' 30"

← 4,355' →

BEARING BASIS:
VIRGINIA STATE PLANE – SOUTH ZONE – NAD'27

80 ACRE UNIT

S 71°56'56" E'
132.63'

IP

IP

S 77°20'36" E
680.41'

⊙ CBM

FINAL LOCATION
CBM–D18A

LONGITUDE: 82° 00' 00"

6,685'

+

RECEIVED
DGO

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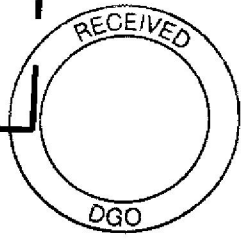
WELL LOCATION PLAT

D18AFNL
1N13/57–0602/53

COMPANY ___CNX GAS COMPANY, LLC.___ WELL NAME OR NUMBER ___CBM–D18A___

TRACT NUMBER___CONSOLIDATION COAL CO.___ QUADRANGLE ___GRUNDY___

DISTRICT: ___GARDEN___

WELL COORDINATES (VIRGINIA STATE PLANE): ___STATE PLANE: N 361,260.94 E 977,460.65___

ELEVATION:___1776.41'___ METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S

COUNTY ___BUCHANAN___ Scale: 1" = 400' Date ___07–24–06___

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).

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

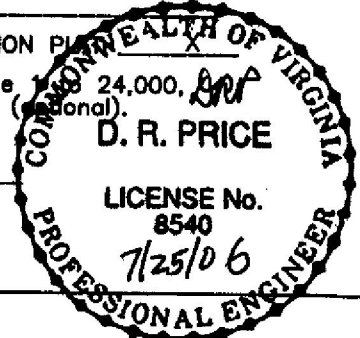COMMONWEALTH OF VIRGINIA
D. R. PRICE
LICENSE No.
8540
7/25/06
PROFESSIONAL ENGINEER

Form DGO-GO-7
Rev. 10/96

Exhibit A

Well Name: 06-CNX-D18-A
SURFACE ELEV: 1776.41   EASTING: 977460.65   NORTHING: 361260.94

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	1.00	114.70	1775.41	113.70	
KN2	114.70	116.00	1661.71	1.30	
	116.00	240.20	1660.41	124.20	
AL2	240.20	240.40	1536.21	0.20	
	240.40	315.00	1536.01	74.60	
RA2	315.00	316.40	1461.41	1.40	
	316.40	430.40	1460.01	114.00	
JB1	430.40	431.00	1346.01	0.60	
	431.00	455.00	1345.41	24.00	
JB3	455.00	455.90	1321.41	0.90	
	455.90	766.00	1320.51	310.10	
*GC2	766.00	766.80	1010.41	0.80	
	766.80	850.00	1009.61	83.20	
*SE2	850.00	850.80	926.41	0.80	
	850.80	888.00	925.61	37.20	
*LS1	888.00	888.60	888.41	0.60	
	888.60	958.00	887.81	69.40	
*UH1	958.00	958.40	818.41	0.40	
	958.40	1041.80	818.01	83.40	
*MH1	1041.80	1042.90	734.61	1.10	
	1042.90	1138.60	733.51	95.70	
*P11	1138.60	1141.80	637.81	3.20	
	1141.80	1203.50	634.61	61.70	
*LH3	1203.50	1204.90	572.91	1.40	
	1204.90	1250.00	571.51	45.10	
*P92	1250.00	1250.90	526.41	0.90	
	1250.90	1333.90	525.51	83.00	
*P81	1333.90	1335.60	442.51	1.70	
	1335.60	1617.19	440.81	281.59	
P3	1617.19	1620.54	159.22	3.35	
	1620.54	1901.27	155.87	280.73	

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
      COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
      WELL'S PROXIMITY TO TOWN HILL CREEK AND PROXIMITY
      TO P3 MINING.
      GAMMA-CALIPER LOG FROM 0 TO 221.00
      GAMMA-DENSITY LOG FROM 221.00 TO TD.
FILE: C:\VP\APPS\D18A.CMP
DATE: 07/27/06

Gas and Oil Shows

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	1042	1336	294	(See Below)		
Pocahontas	1617	1620.5	3	(See Below)		
Total IPF				19.9		

PLAN VIEW
COMPU-LOG DEVIATION

N
30.0FT
20.0FT
10.0FT

W --- **E**

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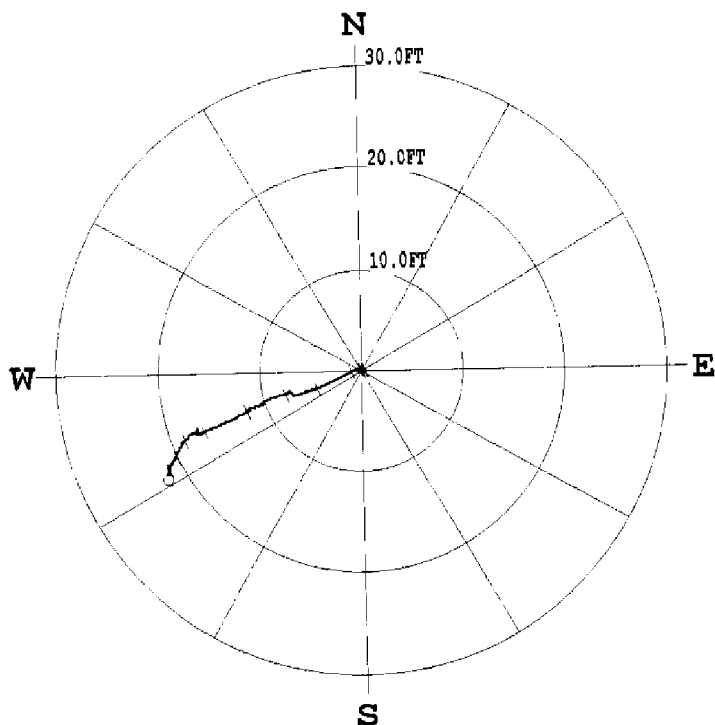
* * * * * * COMPU-LOG - VERTICAL DEVIATION * * * * * * *

CLIENT   : Consol Energy   HOLE ID.   : 06-CNX-D-18-A
FIELD OFFICE : Vansant,Va   DATE OF LOG : 07/22/06
DATA FROM   :   PROBE   : 9136CA ,   955
MAG. DECL.   :   -6.900   DEPTH UNITS : FEET
LOG: 06-CNX-D-18-A_07-22-06_21-38_9136CA_.02_-0.02_1892.53_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
50.0	49.99	-0.48	0.14	0.5	163.1	1.4	72.3
60.0	59.98	-0.28	0.24	0.4	139.1	1.3	17.7
70.0	69.98	-0.07	0.29	0.3	104.1	1.3	47.4
80.0	79.98	0.08	0.23	0.2	70.3	1.2	300.6
90.0	89.98	0.10	0.11	0.1	45.4	1.4	149.0
100.0	99.97	0.06	0.28	0.3	77.5	1.3	326.7
110.0	109.97	0.00	0.11	0.1	89.0	1.3	141.5
120.0	119.97	0.12	0.26	0.3	65.7	1.3	335.8
130.0	129.97	0.10	0.17	0.2	58.9	1.4	96.3
140.0	139.96	0.17	0.30	0.3	60.8	1.3	196.8
150.0	149.96	0.08	0.27	0.3	73.2	1.2	309.0
160.0	159.96	-0.01	0.40	0.4	91.3	1.3	351.6
170.0	169.96	-0.03	0.27	0.3	96.8	1.6	136.1
180.0	179.95	-0.06	0.24	0.3	104.5	1.2	206.6
190.0	189.95	-0.00	0.33	0.3	90.6	1.1	239.9
200.0	199.95	-0.08	0.25	0.3	107.7	1.2	272.0
210.0	209.95	-0.06	0.19	0.2	106.8	1.3	330.0
220.0	219.94	-0.08	0.36	0.4	102.0	1.4	52.8
230.0	229.94	-0.14	0.29	0.3	114.9	0.6	239.5
230.0	229.94	-0.14	0.33	0.3	118.3	0.6	346.0

170.0	169.96	-0.03	0.27	0.3	96.8	1.6	138.1
180.0	179.95	-0.06	0.24	0.3	104.5	1.2	206.6
190.0	189.95	-0.00	0.33	0.3	90.6	1.1	239.9
200.0	199.95	-0.08	0.25	0.3	107.7	1.2	272.0
210.0	209.95	-0.06	0.19	0.2	106.8	1.3	330.0
220.0	219.94	-0.08	0.36	0.4	102.0	1.4	52.8
230.0	229.94	-0.14	0.29	0.3	114.9	0.6	239.5
240.0	239.94	-0.13	0.23	0.3	118.3	0.6	346.0
250.0	249.94	-0.09	0.28	0.3	106.9	0.6	49.1
260.0	259.94	-0.09	0.37	0.4	104.3	0.6	187.6
270.0	269.94	-0.08	0.27	0.3	106.6	0.5	297.1
280.0	279.94	-0.01	0.24	0.2	93.5	0.4	3.8
290.0	289.94	0.06	0.25	0.3	76.1	0.5	22.0
300.0	299.94	0.06	0.34	0.3	79.5	0.5	112.9
310.0	309.94	-0.03	0.33	0.3	95.0	0.6	225.4
320.0	319.94	-0.06	0.25	0.3	103.3	0.6	316.0
330.0	329.94	-0.00	0.19	0.2	91.1	0.6	331.7
340.0	339.94	0.08	0.23	0.2	71.1	0.6	44.2
350.0	349.94	0.11	0.31	0.3	70.2	0.6	112.1
360.0	359.94	0.07	0.32	0.3	78.3	0.6	278.1
370.0	369.93	0.14	0.29	0.3	64.3	0.5	6.1
380.0	379.93	0.13	0.37	0.4	70.4	0.6	201.8
390.0	389.93	0.10	0.30	0.3	72.0	0.7	280.7
400.0	399.93	0.14	0.23	0.3	57.9	0.6	54.3
410.0	409.93	0.13	0.24	0.3	61.4	0.4	232.9
420.0	419.93	0.15	0.14	0.2	41.3	0.9	290.5
430.0	429.93	0.15	0.09	0.2	31.6	0.9	242.0
440.0	439.93	0.09	0.03	0.1	19.2	0.7	292.4
450.0	449.93	0.13	-0.03	0.1	346.9	1.0	101.8
460.0	459.93	0.08	-0.10	0.1	308.2	1.1	277.5
470.0	469.93	0.13	-0.15	0.2	310.4	0.7	41.7
480.0	479.93	0.23	-0.11	0.3	334.3	0.8	61.9
490.0	489.93	0.17	-0.07	0.2	338.7	0.6	215.5
500.0	499.93	0.11	-0.14	0.2	308.5	0.6	259.6
510.0	509.93	0.13	-0.12	0.2	317.4	0.9	191.7
520.0	519.92	0.09	-0.14	0.2	302.6	0.5	290.8
530.0	529.92	0.09	-0.26	0.3	289.1	0.7	272.2
540.0	539.92	0.06	-0.26	0.3	282.7	0.7	150.2
550.0	549.92	0.05	-0.36	0.4	277.4	0.7	288.2
560.0	559.92	0.05	-0.50	0.5	276.3	0.9	250.5
570.0	569.92	0.05	-0.56	0.6	274.9	1.1	199.3
580.0	579.92	-0.02	-0.66	0.7	268.4	0.8	250.0
590.0	589.92	-0.06	-0.83	0.8	265.5	1.2	265.3
600.0	599.92	-0.15	-1.00	1.0	261.7	1.3	254.4
610.0	609.91	-0.25	-1.19	1.2	259.3	1.2	243.6
620.0	619.91	-0.36	-1.42	1.5	258.0	1.3	253.0
630.0	629.91	-0.49	-1.66	1.7	253.7	2.2	240.8
640.0	639.90	-0.61	-1.92	2.0	252.4	1.5	238.5
650.0	649.90	-0.76	-2.20	2.3	251.0	1.9	255.6
660.0	659.89	-0.85	-2.35	2.5	250.2	0.4	189.6
670.0	669.89	-0.91	-2.57	2.7	250.5	1.6	235.4
680.0	679.88	-1.06	-2.86	3.1	249.7	1.8	259.9
690.0	689.88	-1.16	-3.13	3.3	249.6	1.6	245.0
700.0	699.87	-1.22	-3.40	3.6	250.2	1.7	57.2
710.0	709.87	-1.37	-3.52	3.8	248.7	1.2	272.9
720.0	719.87	-1.45	-3.78	4.0	249.0	1.7	241.9
730.0	729.86	-1.50	-3.95	4.2	249.2	1.7	230.9
740.0	739.86	-1.60	-4.13	4.4	248.8	1.8	267.7
750.0	749.85	-1.69	-4.41	4.7	249.0	1.7	246.5
760.0	759.85	-1.79	-4.70	5.0	249.1	1.7	271.6
770.0	769.84	-1.86	-4.86	5.2	249.1	0.9	146.8
780.0	779.84	-1.90	-4.97	5.3	249.1	1.4	187.9
790.0	789.84	-1.96	-5.19	5.5	249.3	1.7	250.2
800.0	799.83	-2.06	-5.50	5.8	249.5	2.0	276.8

770.0	769.84	-1.86	-4.86	5.2	249.1	0.9	146.8
780.0	779.84	-1.90	-4.97	5.3	249.1	1.4	187.9
790.0	789.84	-1.96	-5.19	5.5	249.3	1.7	250.2
800.0	799.83	-2.06	-5.50	5.9	249.5	2.0	276.8
810.0	809.82	-2.12	-5.60	6.0	249.2	1.5	149.5
820.0	819.82	-2.14	-5.77	6.2	249.7	1.9	248.0
830.0	829.81	-2.26	-6.14	6.5	249.8	2.4	255.8
840.0	839.81	-2.34	-6.53	6.9	250.3	2.3	259.0
850.0	849.80	-2.32	-6.77	7.2	251.1	2.3	0.7
860.0	859.79	-2.12	-6.93	7.2	253.0	2.8	292.4
870.0	869.78	-1.93	-7.14	7.4	254.9	2.1	147.0
880.0	879.77	-2.03	-7.12	7.4	254.1	2.8	250.9
890.0	889.76	-2.14	-7.31	7.6	253.7	2.7	257.3
900.0	899.75	-2.19	-7.54	7.9	253.8	2.7	244.2
910.0	909.74	-2.33	-8.02	8.3	253.8	2.6	252.2
920.0	919.73	-2.48	-8.46	8.8	253.7	2.5	256.3
930.0	929.71	-2.61	-8.90	9.3	253.7	2.5	260.2
940.0	939.71	-2.75	-9.15	9.6	253.2	2.2	226.8
950.0	949.70	-2.81	-9.47	9.9	253.5	2.8	264.1
960.0	959.69	-3.14	-9.66	10.2	252.0	2.3	239.8
970.0	969.68	-3.21	-9.95	10.5	252.1	2.4	204.6
980.0	979.67	-3.30	-10.27	10.8	252.2	1.9	296.2
990.0	989.67	-3.33	-10.47	11.0	252.3	2.3	174.3
1000.0	999.66	-3.48	-10.63	11.2	251.9	2.0	269.1
1010.0	1009.65	-3.48	-10.96	11.5	252.4	2.2	238.1
1020.0	1019.65	-3.67	-10.98	11.6	251.5	2.1	180.8
1030.0	1029.64	-3.63	-11.12	11.7	251.9	1.7	290.7
1040.0	1039.64	-3.78	-11.11	11.7	251.2	1.3	310.6
1050.0	1049.63	-3.80	-11.34	12.0	251.5	1.8	257.5
1060.0	1059.63	-3.95	-11.24	11.9	250.6	1.3	331.9
1070.0	1069.63	-3.93	-11.39	12.0	251.0	1.9	233.9
1080.0	1079.62	-4.08	-11.70	12.4	250.8	2.0	248.5
1090.0	1089.61	-4.18	-12.02	12.7	250.8	2.0	254.1
1100.0	1099.61	-4.38	-12.32	13.1	250.4	2.2	243.9
1110.0	1109.60	-4.57	-12.68	13.5	250.2	2.5	245.8
1120.0	1119.59	-4.68	-13.03	13.8	250.2	2.4	28.8
1130.0	1129.59	-4.76	-13.22	14.1	250.2	2.0	246.4
1140.0	1139.57	-4.85	-13.40	14.3	250.1	2.9	254.1
1150.0	1149.57	-4.97	-13.61	14.5	249.9	2.5	232.9
1160.0	1159.56	-5.13	-14.02	14.9	249.9	2.7	235.0
1170.0	1169.55	-5.30	-14.41	15.4	249.8	2.4	245.5
1180.0	1179.54	-5.45	-14.82	15.8	249.8	2.6	243.5
1190.0	1189.53	-5.62	-15.23	16.2	249.8	2.4	243.2
1200.0	1199.52	-5.74	-15.50	16.5	249.7	2.4	194.9
1210.0	1209.51	-5.85	-15.79	16.8	249.7	2.4	295.6
1220.0	1219.50	-5.99	-15.84	16.9	249.3	1.8	346.9
1230.0	1229.49	-6.01	-16.19	17.3	249.6	2.3	251.4
1240.0	1239.49	-5.91	-16.12	17.2	249.9	2.1	64.4
1250.0	1249.48	-5.67	-16.08	17.1	250.6	1.4	35.3
1260.0	1259.48	-5.51	-16.16	17.1	251.2	2.2	145.4
1270.0	1269.47	-5.62	-16.16	17.1	250.8	1.7	266.3
1280.0	1279.47	-5.74	-16.35	17.3	250.7	1.9	154.6
1290.0	1289.46	-5.88	-16.48	17.5	250.4	1.4	282.7
1300.0	1299.46	-5.89	-16.70	17.7	250.6	1.6	210.4
1310.0	1309.46	-5.97	-16.95	18.0	250.6	1.7	234.6
1320.0	1319.45	-6.20	-17.07	18.2	250.0	2.0	162.6
1330.0	1329.45	-6.31	-17.13	18.3	249.8	1.1	72.9
1340.0	1339.45	-6.38	-17.20	18.3	249.6	1.5	261.6
1350.0	1349.44	-6.55	-17.44	18.6	249.4	1.8	212.1
1360.0	1359.44	-6.70	-17.66	18.9	249.2	1.6	241.3
1370.0	1369.43	-6.82	-17.70	19.0	248.9	1.5	145.0
1380.0	1379.43	-6.93	-17.73	19.0	248.6	0.9	225.4
1390.0	1389.43	-7.03	-17.78	19.1	248.4	0.8	333.2

1340.0	1339.45	-6.38	-17.20	18.3	249.6	1.5	261.6
1350.0	1349.44	-6.55	-17.44	18.6	249.4	1.8	212.1
1360.0	1359.44	-6.70	-17.66	18.9	249.2	1.6	241.3
1370.0	1369.43	-6.82	-17.70	19.0	248.9	1.5	145.0
1380.0	1379.43	-6.93	-17.73	19.0	248.6	0.9	225.4
1390.0	1389.43	-7.03	-17.78	19.1	248.4	0.8	333.2
1400.0	1399.43	-7.14	-17.77	19.1	248.1	0.6	58.3
1410.0	1409.43	-7.22	-17.94	19.3	248.1	1.5	295.6
1420.0	1419.42	-7.30	-17.94	19.4	247.9	0.7	328.6
1430.0	1429.42	-7.48	-17.99	19.5	247.4	1.2	167.7
1440.0	1439.42	-7.60	-18.07	19.6	247.2	0.9	257.3
1450.0	1449.42	-7.63	-18.18	19.7	247.2	1.3	189.5
1460.0	1459.42	-7.80	-18.19	19.8	246.8	1.0	195.9
1470.0	1469.41	-7.91	-18.21	19.9	246.5	1.1	193.0
1480.0	1479.41	-8.03	-18.22	19.9	246.2	1.2	150.5
1490.0	1489.41	-8.12	-18.30	20.0	246.1	0.9	254.8
1500.0	1499.41	-8.21	-18.31	20.1	245.9	1.2	139.4
1510.0	1509.41	-8.28	-18.38	20.2	245.8	1.2	216.6
1520.0	1519.40	-8.35	-18.41	20.2	245.6	1.1	183.1
1530.0	1529.40	-8.44	-18.47	20.3	245.4	1.1	227.7
1540.0	1539.40	-8.58	-18.62	20.5	245.3	1.2	208.1
1550.0	1549.40	-8.67	-18.74	20.6	245.2	1.2	35.4
1560.0	1559.40	-8.71	-18.68	20.6	245.0	0.9	255.8
1570.0	1569.39	-8.87	-18.77	20.8	244.7	1.1	244.2
1580.0	1579.39	-9.00	-18.93	21.0	244.6	1.2	222.9
1590.0	1589.39	-9.28	-19.08	21.2	244.3	1.1	223.6
1600.0	1599.39	-9.25	-19.09	21.2	244.1	1.2	109.2
1610.0	1609.39	-9.22	-19.04	21.2	244.2	0.5	111.1
1620.0	1619.38	-9.26	-18.96	21.1	244.0	0.6	255.0
1630.0	1629.38	-9.38	-18.91	21.1	243.6	1.1	199.7
1640.0	1639.38	-9.38	-19.03	21.2	243.8	1.2	326.7
1650.0	1649.38	-9.45	-18.96	21.2	243.5	1.0	241.8
1660.0	1659.38	-9.50	-19.03	21.3	243.5	1.0	113.6
1670.0	1669.38	-9.58	-19.01	21.3	243.2	0.8	275.9
1680.0	1679.37	-9.75	-19.10	21.4	243.0	1.2	139.0
1690.0	1689.37	-9.84	-18.98	21.4	242.6	0.6	248.3
1700.0	1699.37	-9.93	-19.02	21.5	242.4	1.0	156.2
1710.0	1709.37	-10.04	-18.97	21.5	242.1	0.4	209.6
1720.0	1719.37	-10.07	-18.98	21.5	242.0	0.9	193.0
1730.0	1729.37	-10.18	-19.02	21.6	241.9	0.9	222.4
1740.0	1739.37	-10.20	-19.06	21.6	241.8	1.1	185.6
1750.0	1749.37	-10.31	-19.02	21.6	241.5	0.9	152.6
1760.0	1759.37	-10.34	-19.03	21.7	241.5	0.6	30.9
1770.0	1769.37	-10.26	-19.08	21.7	241.7	0.7	298.9
1780.0	1779.36	-10.24	-19.18	21.7	241.9	0.8	304.0
1790.0	1789.36	-10.26	-19.15	21.7	241.8	0.1	174.8
1800.0	1799.36	-10.27	-19.05	21.6	241.7	0.4	131.6
1810.0	1809.36	-10.19	-19.03	21.6	241.8	1.0	18.3
1820.0	1819.36	-10.17	-18.97	21.5	241.8	0.7	252.6
1830.0	1829.36	-10.21	-19.02	21.6	241.8	0.9	216.3
1840.0	1839.36	-10.30	-18.99	21.6	241.5	0.8	163.0
1850.0	1849.36	-10.32	-19.07	21.7	241.6	0.8	213.3
1860.0	1859.36	-10.48	-19.08	21.8	241.2	0.9	248.9
1870.0	1869.36	-10.49	-19.19	21.9	241.3	1.0	295.7
1880.0	1879.36	-10.45	-19.13	21.8	241.3	0.7	95.2
1890.0	1889.36	-10.46	-19.10	21.8	241.3	1.1	6.9
1892.5	1891.89	-10.43	-19.10	21.8	241.4	0.0	0.0

CASING AND TUBING PROGRAM

	Casing	Casing Interval	Hole Size	Cement Used In Cu/Ft	Cemented To Surface Yes	No	Date Cemented	Packers Or Bridge Plugs Kind/Size/Set
Conductor	13 3/8"	12'	16"		☐	X	7-20-06	
Surface	7"	222'	8 7/8"	65 Cu/ft	X		7-21-06	Basket @ 88'
Water Protection	4 ½"	1679.84'	6 ½"	262 Cu/ft	X	☐	7-22-06	
Coal Protection	4 ½"	1679.84'	6 ½"	262 Cu/ft	X	☐	7-22-06	
Other Casing And Tubing Left In Well								
Liners					☐	☐		

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: D-18A

LOCATION: DISMAL

DRILL RIG #: 90

DATE STARTED: 07-20-06

DATED COMPLETED: 07-23-06

ELECTRIC LOGGED:YES

GROUTED:YES

DEPTH		THICKNESS	STRATA REMARKS
FROM	TO	FT	DESCRIPTION,VOIDS ETC
0	12	12	OVERBURDEN
12	30	18	SAND/SHALE/COAL
30	90	60	SAND/SHALE
90	120	30	SAND/SHALE/COAL
120	150	30	SAND
150	210	60	SAND/SHALE
210	240	30	SAND/SHALE/COAL
240	295	55	SAND/SHALE
295	325	30	SAND/SHALE/COAL
325	385	60	SAND/SHALE
385	415	30	SAND/SHALE/COAL
415	445	30	SAND/SHALE
445	475	30	SAND/SHALE/COAL
475	505	30	SAND/SHALE
505	535	30	SAND/SHALE/COAL
535	745	210	SAND/SHALE
745	775	30	SAND/SHALE/COAL
775	835	60	SAND/SHALE/COAL
835	865	30	SAND/SHALE
865	895	30	SAND/SHALE/COAL
895	925	30	SAND/SHALE
925	985	60	SAND
985	1045	60	SAND/SHALE/COAL
1045	1135	90	SAND/SHALE
1135	1165	30	SAND
1165	1225	60	SAND/SHALE
1225	1255	30	SAND/SHALE/COAL
1255	1285	30	SAND/SHALE
1285	1315	30	SHALE/SANDY SHALE
1315	1345	30	SAND/SHALE/COAL
1345	1375	30	SANDY SHALE
1375	1405	30	SAND
1405	1435	30	SAND/SANDY SHALE
1435	1525	90	SAND
1525	1555	30	SAND/SAND/SHALE
1555	1585	30	SAND
1585	1615	30	SANDY SHALE
1615	1620	5	SAND
1620	1625	5	COAL
1625	1660	35	SANDY SHALE
1660	1664	4	COAL P-3
1664	1675	11	SANDY SHALE

1675	1705	30	SANDY SHALE/COAL
1705	1735	30	SAND/SHALE
1735	1765	30	SANDY SHALE
1765	1825	60	SANDY SHALE
1825	1855	30	SAND
1855	1885	30	SANDY SHALE
1885	1915	30	SANDY SHALE/RED SHALE

1915.00 FT. TOTAL DEPTH
  12.00 FT. OF 13 3/8" CASING
 221.25 FT. OF 7" CASING
1679.84 FT. OF 4 ½" CASING