



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: 552
 Company: CNX Gas Company LLC
 File Number: BU-3178
 Operations Name: CBM B20A W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 4/17/2007 Drilling Contractor: Noah Horn
 Date drilling completed: 4/20/2007 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 1,890
 Log Total Depth (feet): 1,871 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 981,650 Final Plat State Plane X: 981,651
 Permitted State Plane Y: 364,480 Final Plat State Plane Y: 364,478

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	B20A Plat.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
1,380	1-2	GPM
180	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	B20A Exhibit A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas Show	B20A 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	B20A Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casing	B20A 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.

8. Drillers Log

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	B20A Drill Data.pdf

9. Comments

Inspector's report says 46' of 13 3/8" conductor. The inspector's report also states that 1-2 gallons of water was also encountered @ 1380'

10. Signature

Permitee: CNX Gas Company LLC Date: 8/1/2007 (Company)

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

INTERNAL USE ONLY

Submit Date: 8/1/2007

Status: Inspr Approved

Date: 8/10/2007

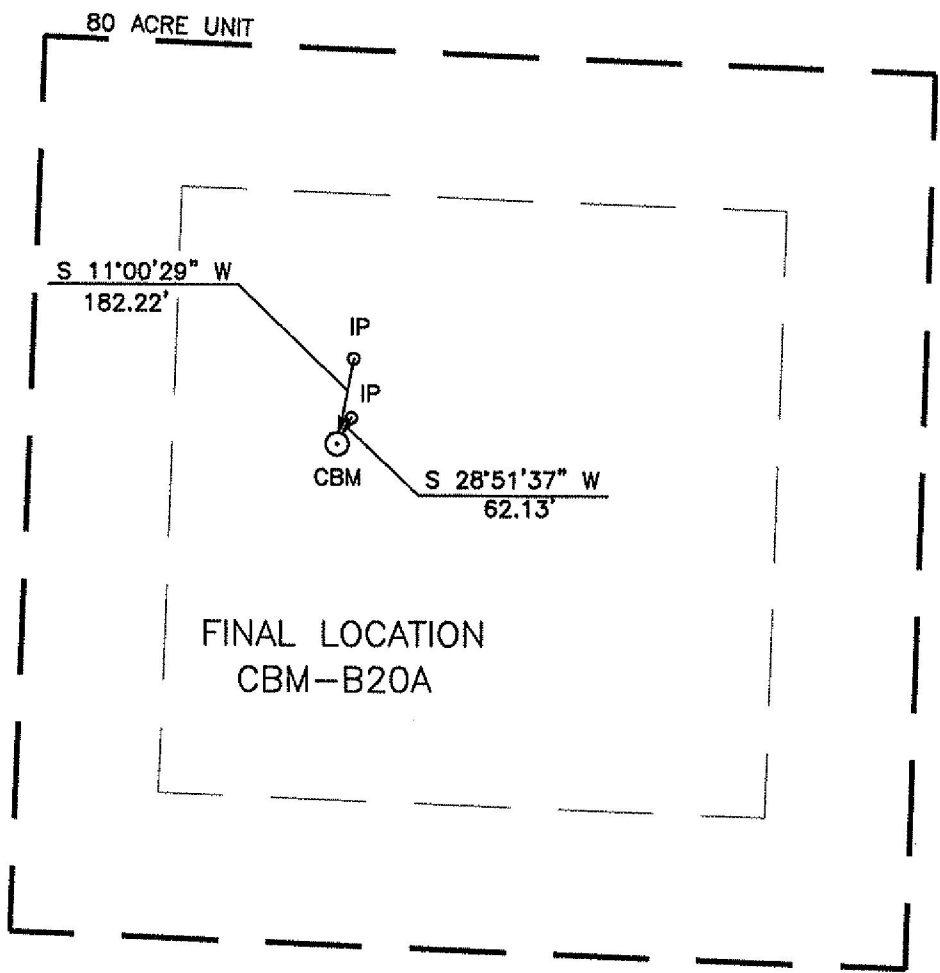
Final PDF Date: 8/10/2007

295' →

LATITUDE: 37° 17' 30"

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

LONGITUDE: 82° 00' 00"
3,315'



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

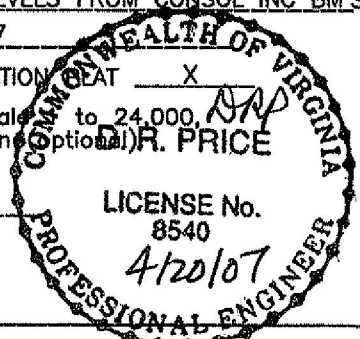
B20AFNL
1N14/200-596/10

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-B20A
 TRACT NUMBER CONSOLIDATION COAL QUADRANGLE GRUNDY
 DISTRICT: GARDEN

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 364,477.94 E 981,650.93
 ELEVATION: 1707.28' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S
 COUNTY BUCHANAN Scale: 1" = 400' Date 04-20-07
 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 to 24,000, latitude and longitude lines being represented by border lines as shown (Optional)

D. Price



Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

Exhibit A

Well Name: 07 CBM B20A

SURFACE ELEV: 1707.28 EASTING: 981650.93 NORTHING: 364477.94

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
KN2	129.00	132.00	1578.28	3.00	
	132.00	252.00	1575.28	120.00	
AL1	252.00	253.00	1455.28	1.00	
	253.00	270.00	1454.28	17.00	
AL2	270.00	271.00	1437.28	1.00	
	271.00	358.10	1436.28	87.10	
RA2	358.10	359.80	1349.18	1.70	
	359.80	479.20	1347.48	119.40	
JB1	479.20	480.20	1228.08	1.00	
	480.20	508.10	1227.08	27.90	
JB3	508.10	510.10	1199.18	2.00	
	510.10	529.80	1197.18	19.70	
T2	529.80	532.00	1177.48	2.20	
	532.00	566.00	1175.28	34.00	
T1	566.00	566.50	1141.28	0.50	
	566.50	719.00	1140.78	152.50	
*COAL	719.00	719.20	988.28	0.20	
	719.20	807.00	988.08	87.80	
*GC2	807.00	807.50	900.28	0.50	
	807.50	888.90	899.78	81.40	
*SE2	888.90	890.00	818.38	1.10	
	890.00	1006.40	817.28	116.40	
*UH1	1006.40	1006.70	700.88	0.30	
*UH1	1006.70	1007.00	700.58	0.30	
*UH1	1007.00	1008.00	700.28	1.00	
	1008.00	1008.70	699.28	0.70	
*COAL	1008.70	1009.00	698.58	0.30	
	1009.00	1039.20	698.28	30.20	
*UH2	1039.20	1040.00	668.08	0.80	
	1040.00	1080.90	667.28	40.90	
*MH1	1080.90	1082.30	626.38	1.40	
	1082.30	1184.00	624.98	101.70	
*P11	1184.00	1185.00	523.28	1.00	
*113	1185.00	1187.00	522.28	2.00	
*P10	1187.00	1188.90	520.28	1.90	
	1188.90	1233.10	518.38	44.20	
*LH3	1233.10	1235.00	474.18	1.90	
	1235.00	1276.40	472.28	41.40	
*P91	1276.40	1277.40	430.88	1.00	
	1277.40	1282.00	429.88	4.60	
*P92	1282.00	1283.50	425.28	1.50	
	1283.50	1360.20	423.78	76.70	
*P81	1360.20	1362.00	347.08	1.80	
	1362.00	1525.90	345.28	163.90	
*P51	1525.90	1526.10	181.38	0.20	
	1526.10	1577.10	181.18	51.00	
*P41	1577.10	1577.90	130.18	0.80	

	1577.90	1580.90	129.38	3.00
*COAL	1580.90	1581.20	126.38	0.30
	1581.20	1635.84	126.08	54.64
*P3	1635.84	1636.80	71.44	0.96
*P3	1636.80	1637.02	70.48	0.22
*P3	1637.02	1639.18	70.26	2.16
	1639.18	1890.00	68.10	250.82

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS WELL'S PROXIMITY TO BIG BRANCH.

GAMMA-CALIPER LOG FROM 0 TO 311.00

GAMMA-DENSITY LOG FROM 311.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

FILE: D:\PROJECTS\VP_JJK\GAS\B20A.CMP

DATE: 05/04/07

Oil & Gas Show

Formation	Top	Bottom	Thickness	IPF (MCFD/BOPD)	Pressure
Lee/Norton	889	1362	473		
Pocahontas	1637	1639	2		

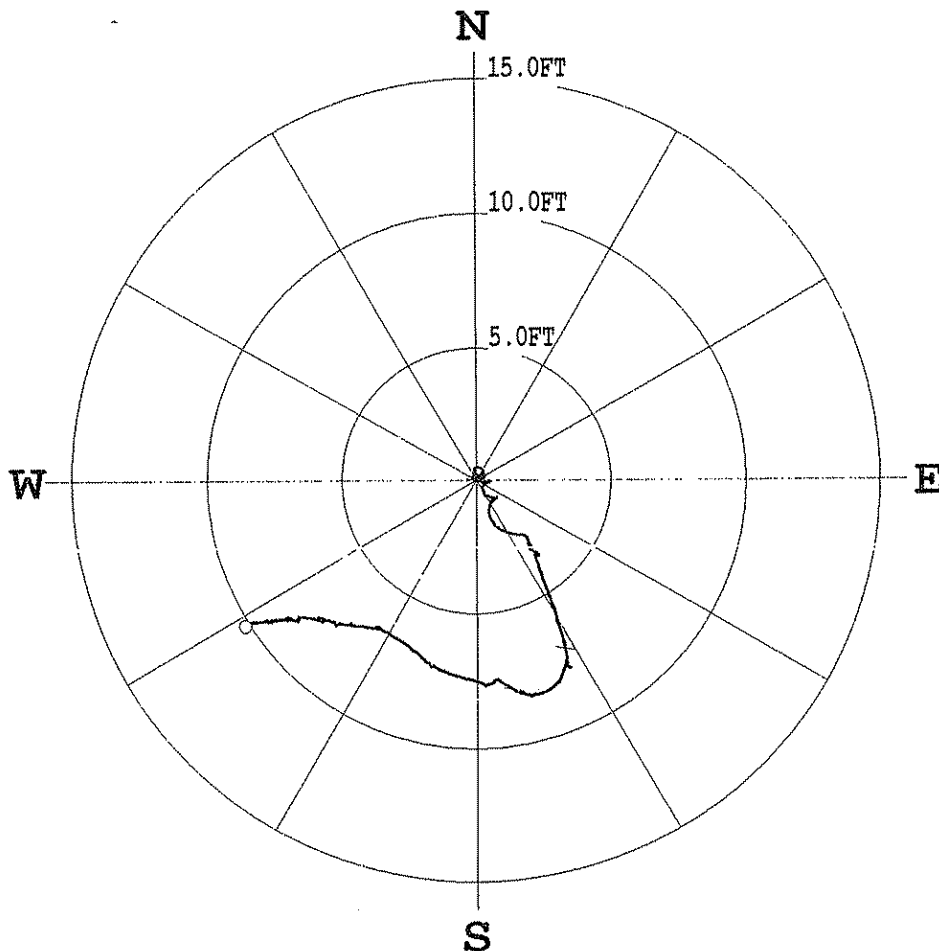
Hours Tested

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: CNX-GAS
 LOCATION: -
 WELLS ID: 07-CNX-B-20A
 DATE OF LOG: 04/20/07
 PROBE: 9136CH 1244

↑
 MAG DECL: -7.1

SCALE: 5 FT/IN
 TRUE DEPTH: 1870.82 FT
 AZIMUTH: 237.9
 DISTANCE: 10.2 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : CNX-GAS	HOLE ID. : 07-CNX-B-20A
FIELD OFFICE : O'DRISCOLL	DATE OF LOG : 04/20/07
DATA FROM : -	PROBE : 9136CH , 1244
MAG. DECL. : -7.100	DEPTH UNITS : FEET
LOG: 07-CNX-B-20A_04-20-07_09-43_9136CH_10_0.00_1871.20_DEVI.log	

WELL DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
0.5	0.50	0.00	0.00	0.0	0.0	0.0	0.0
10.0	10.00	0.04	-0.03	0.0	328.5	1.3	356.3
20.0	20.00	0.12	-0.14	0.2	310.1	1.2	240.9
30.0	29.99	0.05	-0.06	0.1	314.1	1.3	121.1
40.0	39.99	0.20	0.02	0.2	6.6	1.3	149.1
50.0	49.99	0.11	0.08	0.1	35.8	1.3	131.5
60.0	59.99	0.24	0.25	0.3	46.8	1.3	17.9
70.0	69.98	0.44	0.18	0.5	22.2	1.3	312.3
80.0	79.98	0.48	-0.02	0.5	357.6	1.1	243.7
90.0	89.98	0.30	-0.07	0.3	347.5	1.4	160.0
100.0	99.98	0.13	0.05	0.1	21.0	1.2	129.6
110.0	109.98	0.07	0.24	0.2	73.1	1.0	74.3
120.0	119.97	0.19	0.31	0.4	58.3	0.8	4.2
130.0	129.97	0.23	0.18	0.3	38.1	1.2	236.7
140.0	139.97	-0.01	0.17	0.2	94.7	1.7	142.4
150.0	149.97	-0.10	0.38	0.4	104.4	1.1	90.0
160.0	159.97	-0.04	0.50	0.5	94.3	0.5	10.0
170.0	169.96	-0.05	0.40	0.4	96.4	0.9	234.5
180.0	179.96	-0.20	0.26	0.3	127.6	1.5	217.2
190.0	189.96	-0.54	0.31	0.6	150.3	2.0	148.4
200.0	199.95	-0.64	0.56	0.8	139.0	1.2	93.4
210.0	209.95	-0.66	0.73	1.0	131.8	0.6	81.2
220.0	219.95	-0.66	0.73	1.0	132.3	0.4	217.3
230.0	229.95	-0.72	0.67	1.0	137.0	0.5	241.1
240.0	239.95	-0.83	0.54	1.0	146.7	1.7	203.5

140.0	149.97	-0.10	0.38	0.4	104.4	1.1	90.0
150.0	159.97	-0.04	0.50	0.5	94.3	0.5	10.0
160.0	169.96	-0.05	0.40	0.4	96.4	0.9	234.5
170.0	179.96	-0.20	0.26	0.3	127.6	1.5	217.2
180.0	189.96	-0.54	0.31	0.6	150.3	2.0	146.4
190.0	199.95	-0.64	0.56	0.8	139.0	1.2	93.4
200.0	209.95	-0.66	0.73	1.0	131.8	0.6	81.2
210.0	219.95	-0.66	0.73	1.0	132.3	0.4	217.3
220.0	229.95	-0.72	0.67	1.0	137.0	0.5	241.1
230.0	239.95	-0.63	0.54	1.0	146.7	1.7	203.5
240.0	249.94	-1.12	0.46	1.2	157.7	2.0	181.1
250.0	259.94	-1.47	0.55	1.6	159.5	2.0	147.8
260.0	269.93	-1.75	0.78	1.9	155.9	1.8	121.4
270.0	279.92	-1.90	1.05	2.2	151.2	1.6	107.4
280.0	289.92	-1.99	1.31	2.4	146.6	1.5	102.6
290.0	299.92	-2.03	1.56	2.6	142.6	1.4	91.3
300.0	309.91	-2.09	1.80	2.8	139.3	1.9	131.6
310.0	319.91	-2.39	1.95	3.1	140.8	1.1	173.4
320.0	329.91	-2.38	1.93	3.1	141.0	1.2	342.2
330.0	339.90	-2.45	2.00	3.2	140.7	1.3	181.3
340.0	349.90	-2.62	2.07	3.3	141.7	1.3	107.1
350.0	359.90	-2.72	2.23	3.5	140.7	1.2	181.7
360.0	369.90	-2.82	2.23	3.6	141.7	1.6	54.0
370.0	379.89	-2.73	2.21	3.5	140.9	1.4	328.7
380.0	389.89	-2.88	2.18	3.6	142.9	1.1	173.2
390.0	399.89	-3.05	2.24	3.8	143.7	1.0	144.3
400.0	409.89	-3.23	2.28	4.0	144.7	1.1	169.1
410.0	419.88	-3.41	2.35	4.1	145.4	1.1	148.7
420.0	429.88	-3.56	2.40	4.3	146.0	1.0	169.0
430.0	439.88	-3.74	2.45	4.5	146.7	1.3	115.6
440.0	449.88	-3.93	2.53	4.7	147.2	1.2	157.9
450.0	459.88	-4.10	2.60	4.9	147.6	1.0	157.4
460.0	469.88	-4.26	2.65	5.0	148.1	1.0	167.1
470.0	479.87	-4.43	2.71	5.2	148.5	1.0	160.3
480.0	489.87	-4.62	2.78	5.4	149.0	1.2	157.2
490.0	499.87	-4.82	2.87	5.6	149.3	1.1	160.5
500.0	509.87	-4.99	2.91	5.8	149.7	0.8	168.4
510.0	519.87	-5.14	2.94	5.9	150.2	1.0	169.2
520.0	529.86	-5.28	2.96	6.1	150.7	0.9	159.6
530.0	539.86	-5.45	3.04	6.2	150.9	1.2	160.9
540.0	549.86	-5.63	3.10	6.4	151.2	1.1	164.6
550.0	559.86	-5.79	3.15	6.6	151.5	0.9	173.1
560.0	569.86	-5.94	3.19	6.7	151.7	0.9	160.9
570.0	579.86	-6.02	3.21	6.8	151.9	0.8	160.4
580.0	589.86	-6.09	3.22	6.9	152.1	0.8	190.3
590.0	599.85	-6.22	3.25	7.0	152.4	0.8	174.0
600.0	609.85	-6.35	3.28	7.1	152.7	0.8	163.0
610.0	619.85	-6.47	3.30	7.3	153.0	0.8	164.2
620.0	629.85	-6.62	3.32	7.4	153.3	0.9	165.7
630.0	639.85	-6.77	3.33	7.5	153.8	0.6	203.7
640.0	649.85	-6.74	3.27	7.5	154.1	0.5	202.8
650.0	659.85	-6.82	3.34	7.6	153.9	0.9	116.1
660.0	669.85	-6.92	3.39	7.7	153.9	1.0	106.4
670.0	679.85	-6.94	3.41	7.7	153.9	0.9	315.5
680.0	689.84	-6.90	3.25	7.6	154.8	1.2	233.8
690.0	699.84	-7.06	3.19	7.7	155.7	0.9	189.0
700.0	709.84	-7.20	3.14	7.9	156.5	0.7	202.4
710.0	719.84	-7.34	3.09	8.0	157.2	1.4	198.1
720.0	729.84	-7.49	3.00	8.1	158.2	0.9	234.9
730.0	739.84	-7.58	2.90	8.1	159.0	0.9	225.1
740.0	749.84	-7.66	2.82	8.2	159.8	0.7	227.8
750.0	759.84	-7.73	2.73	8.2	160.6	0.6	233.1
760.0	769.84	-7.79	2.63	8.2	161.3	0.7	245.4
770.0	779.84	-7.85	2.52	8.2	162.2	0.8	239.3
780.0	789.83	-7.90	2.40	8.3	163.1	0.7	256.7
790.0	799.83	-7.93	2.28	8.2	163.9	0.7	262.2
800.0	809.83	-7.94	2.17	8.2	164.7	0.6	289.8
810.0	819.83	-7.97	2.08	8.2	165.4	0.7	232.5
820.0	829.83	-8.01	1.99	8.3	166.1	0.5	289.2
830.0	839.83	-7.95	1.90	8.2	166.6	0.8	276.4
840.0	849.83	-7.93	1.79	8.1	167.3	0.7	289.7
850.0	859.83	-7.91	1.69	8.1	167.9	0.6	277.9
860.0	869.83	-7.89	1.59	8.1	168.6	0.6	274.9
870.0	879.83	-7.85	1.50	8.0	169.2	0.5	264.4
880.0	889.83	-7.82	1.42	7.9	169.7	0.5	331.0
890.0	899.83	-7.75	1.35	7.9	170.1	0.7	308.2
900.0	909.83	-7.70	1.24	7.8	170.8	0.8	292.4
910.0	919.83	-7.64	1.15	7.7	171.4	0.7	311.9
920.0	929.83	-7.59	1.06	7.7	172.0	0.7	294.8
930.0	939.83	-7.53	0.96	7.6	172.7	0.6	310.6
940.0	949.82	-7.47	0.88	7.5	173.2	0.6	303.9
950.0	959.82	-7.41	0.80	7.5	173.8	0.6	302.8
960.0	969.82	-7.38	0.72	7.4	174.5	0.5	252.4
970.0	979.82	-7.41	0.65	7.4	175.0	0.3	278.0
980.0	989.82	-7.48	0.62	7.5	175.2	0.4	206.0
990.0	999.82	-7.51	0.57	7.5	175.7	0.4	269.5
000.0	1009.82	-7.53	0.50	7.5	176.2	0.3	247.5
010.0	1019.82	-7.56	0.44	7.6	176.6	0.4	253.5
020.0	1029.82	-7.56	0.39	7.6	177.0	0.1	117.0
030.0	1039.82	-7.58	0.35	7.6	177.3	0.3	126.4
040.0	1049.82	-7.58	0.32	7.6	177.6	0.2	224.6
050.0	1059.82	-7.60	0.31	7.6	177.7	0.0	322.3
060.0	1069.82	-7.61	0.30	7.6	177.7	0.2	176.6
070.0	1079.82	-7.62	0.30	7.6	177.7	0.1	325.9
080.0	1089.82	-7.62	0.31	7.6	177.7	0.2	180.5
090.0	1099.82	-7.61	0.31	7.6	177.7	0.2	339.6

040.0	1039.82	-7.58	0.35	7.6	177.3	0.3	126.4
050.0	1049.82	-7.58	0.32	7.6	177.6	0.2	224.6
060.0	1059.82	-7.60	0.31	7.6	177.7	0.0	322.3
070.0	1069.82	-7.61	0.30	7.6	177.7	0.2	176.6
080.0	1079.82	-7.62	0.30	7.6	177.7	0.1	325.9
090.0	1089.82	-7.62	0.31	7.6	177.7	0.2	180.5
100.0	1099.82	-7.61	0.31	7.6	177.7	0.2	339.6
110.0	1109.82	-7.58	0.29	7.6	177.8	0.3	331.3
120.0	1119.82	-7.54	0.23	7.5	178.3	0.4	285.6
130.0	1129.82	-7.50	0.15	7.5	178.8	0.5	282.4
140.0	1139.82	-7.47	0.07	7.5	179.5	0.6	296.1
150.0	1149.82	-7.44	-0.03	7.4	180.2	0.6	289.5
160.0	1159.82	-7.41	-0.12	7.4	181.0	0.7	297.2
170.0	1169.82	-7.38	-0.23	7.4	181.8	0.8	277.2
180.0	1179.82	-7.36	-0.36	7.4	182.8	0.7	262.9
190.0	1189.82	-7.32	-0.47	7.3	183.7	0.6	302.5
200.0	1199.82	-7.29	-0.60	7.3	184.7	0.7	283.1
210.0	1209.81	-7.25	-0.75	7.3	185.9	0.8	285.0
220.0	1219.81	-7.21	-0.89	7.3	187.0	0.8	288.6
230.0	1229.81	-7.17	-1.02	7.2	188.1	0.7	272.1
240.0	1239.81	-7.11	-1.13	7.2	189.0	0.8	317.0
250.0	1249.81	-7.05	-1.26	7.2	190.1	0.9	285.3
260.0	1259.81	-7.02	-1.41	7.2	191.4	0.8	309.5
270.0	1269.81	-6.93	-1.52	7.1	192.4	0.6	307.4
280.0	1279.81	-6.90	-1.66	7.1	193.6	1.3	265.0
290.0	1289.81	-6.78	-1.78	7.0	194.7	1.2	318.7
300.0	1299.80	-6.68	-1.93	6.9	196.1	1.1	324.7
310.0	1309.80	-6.55	-2.06	6.9	197.5	1.1	304.2
320.0	1319.80	-6.42	-2.20	6.8	198.9	1.0	316.9
330.0	1329.80	-6.31	-2.36	6.7	200.5	1.3	282.3
340.0	1339.80	-6.16	-2.50	6.6	202.1	1.2	316.7
350.0	1349.79	-6.04	-2.68	6.6	203.9	1.3	307.0
360.0	1359.79	-5.92	-2.87	6.6	205.9	1.3	305.9
370.0	1369.79	-5.80	-3.08	6.6	208.0	1.5	303.0
380.0	1379.78	-5.66	-3.29	6.5	210.2	1.4	311.2
390.0	1389.78	-5.56	-3.50	6.6	212.2	1.3	287.5
400.0	1399.78	-5.42	-3.68	6.6	214.2	1.3	290.6
410.0	1409.78	-5.45	-3.63	6.5	213.7	1.5	100.7
420.0	1419.77	-5.49	-3.73	6.6	214.2	1.0	289.1
430.0	1429.77	-5.47	-3.90	6.7	215.5	1.0	295.2
440.0	1439.77	-5.44	-4.07	6.8	216.8	1.0	291.2
450.0	1449.77	-5.41	-4.23	6.9	218.0	0.8	280.2
460.0	1459.77	-5.40	-4.39	7.0	219.1	1.0	281.2
470.0	1469.77	-5.33	-4.54	7.0	220.2	1.0	288.4
480.0	1479.76	-5.36	-4.68	7.1	221.2	0.8	223.6
490.0	1489.76	-5.29	-4.68	7.1	221.5	1.2	130.4
500.0	1499.76	-5.34	-4.79	7.2	221.9	1.0	266.5
510.0	1509.76	-5.33	-4.94	7.3	222.8	0.8	316.9
520.0	1519.76	-5.30	-5.08	7.3	223.8	0.8	276.6
530.0	1529.76	-5.37	-5.21	7.5	224.1	1.1	255.0
540.0	1539.76	-5.25	-5.28	7.4	225.2	0.9	327.4
550.0	1549.76	-5.22	-5.42	7.5	226.1	0.9	307.0
560.0	1559.75	-5.17	-5.53	7.6	227.0	0.7	282.4
570.0	1569.75	-5.14	-5.68	7.7	227.8	1.0	284.8
580.0	1579.75	-5.12	-5.81	7.7	228.6	0.9	299.6
590.0	1589.75	-5.11	-5.87	7.8	229.0	0.9	103.9
600.0	1599.75	-5.13	-5.72	7.7	228.1	1.2	150.9
610.0	1609.75	-5.21	-5.78	7.8	228.0	1.0	312.0
620.0	1619.75	-5.16	-5.90	7.8	228.8	1.0	263.5
630.0	1629.75	-5.12	-6.04	7.9	229.7	0.7	290.3
640.0	1639.74	-5.11	-6.16	8.0	230.3	0.8	296.1
650.0	1649.74	-5.10	-6.28	8.1	230.9	0.9	264.1
660.0	1659.74	-5.07	-6.41	8.2	231.7	0.8	265.9
670.0	1669.74	-5.07	-6.55	8.3	232.3	0.9	280.0
680.0	1679.74	-5.12	-6.65	8.4	232.4	0.9	160.5
690.0	1689.74	-5.19	-6.71	8.5	232.3	1.2	287.7
700.0	1699.74	-5.12	-6.91	8.6	233.4	1.2	302.7
710.0	1709.74	-5.11	-7.07	8.7	234.1	1.1	164.2
720.0	1719.73	-5.13	-6.94	8.6	233.5	0.9	215.3
730.0	1729.73	-5.17	-7.06	8.7	233.8	0.9	276.9
740.0	1739.73	-5.14	-7.17	8.8	234.4	0.8	257.3
750.0	1749.73	-5.14	-7.32	8.9	234.9	0.7	276.0
760.0	1759.73	-5.16	-7.46	9.1	235.3	0.9	290.4
770.0	1769.73	-5.17	-7.59	9.2	235.8	1.0	292.5
780.0	1779.73	-5.21	-7.72	9.3	236.0	1.0	277.2
790.0	1789.73	-5.19	-7.84	9.4	236.5	0.8	261.9
800.0	1799.72	-5.23	-7.98	9.5	236.8	0.7	187.1
810.0	1809.72	-5.23	-8.10	9.6	237.2	0.5	264.8
820.0	1819.72	-5.26	-8.21	9.8	237.4	0.8	279.1
830.0	1829.72	-5.26	-8.35	9.9	237.8	1.0	257.6
840.0	1839.72	-5.30	-8.40	9.9	237.7	0.9	30.9
850.0	1849.72	-5.27	-8.40	9.9	237.9	0.8	287.7
860.0	1859.72	-5.28	-8.55	10.0	238.3	0.9	254.8
870.0	1869.72	-5.39	-8.59	10.1	237.9	0.8	196.6
871.1	1870.82	-5.40	-8.60	10.2	237.9	0.8	270.6

Casing & Tubing Program

	Casing	Casing Interval	Hole Size	Cement used in cu/ft	Cemented to Surface		Date Cemented
					Yes	No	
Conductor	13 3/8"	46.65'	15"			X	4/17/07
Surface	7"	310.10'	8 7/8"	94.4	X		4/18/07
Water Protection	4 1/2"	1715'	6 1/2"	261.95	X		4/20/07
Coal Protection	4 1/2"	1715'	6 1/2"	261.95	X		4/20/07
Other Casing & Tubing							
Other Casing & Tubing							
Liners							

Packers or Bridge Plugs Kind/Size/Set
Bkt@88'

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: B-20A

LOCATION: LOWER BIG BRANCH

DRILL RIG #: 17

DATE STARTED: 04-17-07

DATED COMPLETED: 04-20-07

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	44	44	OVERBURDEN	
44	60	16	SANDY SHALE	
60	90	30	SAND STONE/COAL/SHALE	
90	120	30	SANDY SHALE/SAND STONE	
120	150	30	SANDY SHALE/COAL/SANDY SHALE	
150	180	30	SANDY SHALE/SAND STONE	
180	210	30	SAND STONE/SANDY SHALE	
210	240	30	SANDY SHALE	
240	270	30	SANDY SHALE/COAL/SANDY SHALE	
270	300	30	SAND STONE	
300	330	30	SAND STONE/SANDY SHALE	
330	360	30	SAND STONE/COAL/SANDY SHALE	
360	390	30	SAND STONE	
390	420	30	SAND STONE/SANDY SHALE	
420	450	30	SANDY SHALE/SHALE	
450	480	30	SANDY SHALE/COAL/SHALE	
480	510	30	SANDY SHALE/SHALE	
510	540	30	SAND STONE/COAL/SANDY SHALE	
540	570	30	SANDY SHALE/COAL/SANDY SHALE	
570	600	30	SANDY SHALE/SAND STONE	
600	630	30	SAND STONE/SANDY SHALE	
630	660	30	SANDY SHALE/SHALE	
660	690	30	SHALE/SAND STONE/SANDY SHALE	
690	720	30	SAND STONE	
720	780	60	SANDY SHALE	
780	810	30	SHALE	
810	840	30	SHALE/COAL/SANDY SHALE	
840	870	30	SANDY SHALE	
870	900	30	SANDY SHALE/SHALE	
900	960	60	SHALE	
960	990	30	SAND STONE/SANDY SHALE/SHALE	
990				
990	1020	30	SANDY SHALE	
1020	1050	30	SANDY SHALE/COAL/SANDY SHALE	
1050	1080	30	SANDY SHALE/COAL/SHALE	
1080	1110	30	SANDY SHALE	
1110	1140	30	SANDY SHALE/SHALE	
1140	1170	30	SANDY SHALE	
1170	1200	30	SANDY SHALE/COAL/SAND	
1200	1230	30	SAND/SANDY SHALE	
1230	1260	30	SANDY SHALE/COAL/SANDY SHALE	
1260	1290	30	SANDY SHALE/SAND	

1290	1320	30	SAND STONE
1320	1350	30	SAND/COAL/SHALE
1350	1380	30	SHALE/SAND
1380	1410	30	SAND/SANDY SHALE
1410	1500	90	SAND STONE
1500	1530	30	SANDY SHALE/COAL/SHALE
1530	1560	30	SANDY SHALE/SAND STONE
1560	1590	30	SANDY SHALE/COAL/SHALE
1590	1620	30	SAND STONE/SHALE
1620	1625	5	SANDY SHALE
1625	1627	2	COAL P-3
1627	1650	23	SANDY SHALE
1650	1710	60	SANDY SHALE/SHALE
1710	1740	30	SHALE/SANDY SHALE
1740	1800	60	SANDY SHALE
1800	1830	30	SHALE
1830	1860	30	SHALE/SANDY SHALE
1860	1890	30	SANDY SHALE/SHALE/RED SHALE

1890' – TOTAL DEPTH

46' – 13 3/8" CASING

310.10' – 7" CASING

1715' – 4 1/2" CASING