



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: 9
 Company: CNX Gas Company LLC
 File Number: RU-0350
 Operations Name: CBM BI110 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/23/2006 Drilling Contractor: NOAH HORN WELL DRILLING
 Date drilling completed: 7/26/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,575
 Log Total Depth (feet): 2,579 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 984,601 Final Plat State Plane X: 984,602
 Permitted State Plane Y: 284,802 Final Plat State Plane Y: 284,802
 Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
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3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
1,255	DAMP	GPM
30	4	GPM

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
BI110 EXHIBIT A	BI110 EXHIBIT A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
BI110 GAS	BI110 GAS.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
BI110	BI110 DEVIATION.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
BI110 CASING	BI110 CASING.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.

8. Drillers Log

Compiled By: LES ARRINGTON

List of Attached Items:

Description	FileName
BI110 DRIL	BI110 DRILL LOG.pdf

9. Comments

HARDCOPY APPROVED BY INSPECTOR

10. Signature

Permitee: CNX Gas Company LLC Date: 10/27/2006 (Company)

Signed By: LES ARRINGTON Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 10/27/2006

Status: Inspr Approved

Date: 10/27/2006

Final PDF Date: 1/5/2007

Exhibit A

Well Name: CBM-BI110

SURFACE ELEV: 2294.04 EASTING: 984602.24 NORTHING: 284801.64

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION TOSE)	THK. (FT)	REMARKS
	1.00	193.00	2293.04	192.00	
KN2	193.00	194.20	2101.04	1.20	
	194.20	285.00	2099.84	90.80	
COAL	285.00	286.00	2009.04	1.00	
	286.00	319.20	2008.04	33.20	
AL1	319.20	319.90	1974.84	0.70	
	319.90	381.90	1974.14	62.00	
AL2	381.90	383.20	1912.14	1.30	
	383.20	487.00	1910.84	103.80	
RA2	487.00	489.00	1807.04	2.00	
	489.00	621.80	1805.04	132.80	
COAL	621.80	622.00	1672.24	0.20	
	622.00	638.20	1672.04	16.20	
JB1	638.20	640.30	1655.84	2.10	
	640.30	663.00	1653.74	22.70	
JB3	663.00	664.20	1631.04	1.20	
	664.20	728.00	1629.84	63.80	
T2	728.00	729.90	1566.04	1.90	
	729.90	799.80	1564.14	69.90	
*T1	799.80	800.70	1494.24	0.90	
	800.70	804.70	1493.34	4.00	
*TI	804.70	804.80	1489.34	0.10	
	804.80	935.60	1489.24	130.80	
*US1	935.60	937.20	1358.44	1.60	
	937.20	966.40	1356.84	29.20	
*LC4	966.40	969.10	1327.64	2.70	
	969.10	1113.80	1324.94	144.70	
*GC1	1113.80	1114.50	1180.24	0.70	
	1114.50	1114.80	1179.54	0.30	
*GC1	1114.80	1116.00	1179.24	1.20	
	1116.00	1225.10	1178.04	109.10	
*SE1	1225.10	1225.50	1068.94	0.40	
	1225.50	1258.10	1068.54	32.60	
*SE2	1258.10	1259.10	1035.94	1.00	
	1259.10	1291.70	1034.94	32.60	
*COAL	1291.70	1291.90	1002.34	0.20	
	1291.90	1304.10	1002.14	12.20	
*COAL	1304.10	1304.50	989.94	0.40	
	1304.50	1305.40	989.54	0.90	
*LS1	1305.40	1306.60	988.64	1.20	
	1306.60	1375.30	987.44	68.70	
*LS3	1375.30	1379.00	918.74	3.70	
	1379.00	1408.80	915.04	29.80	
*COAL	1408.80	1409.40	885.24	0.60	
	1409.40	1414.70	884.64	5.30	
*UH2	1414.70	1416.00	879.34	1.30	
	1416.00	1418.00	878.04	2.00	
*COAL	1418.00	1418.30	876.04	0.30	
	1418.30	1436.00	875.74	17.70	
*UH3	1436.00	1436.70	858.04	0.70	
	1436.70	1483.00	857.34	46.30	
*MH1	1483.00	1485.00	811.04	2.00	
	1485.00	1564.20	809.04	79.20	
*MH2	1564.20	1566.00	729.84	1.80	

	1566.00	1588.10	728.04	22.10
*COAL	1588.10	1588.80	705.94	0.70
	1588.80	1590.10	705.24	1.30
*P11	1590.10	1591.50	703.94	1.40
	1591.50	1615.00	702.54	23.50
*P10	1615.00	1616.30	679.04	1.30
	1616.30	1661.40	677.74	45.10
*LH1	1661.40	1665.30	632.64	3.90
	1665.30	1703.00	628.74	37.70
*P91	1703.00	1706.20	591.04	3.20
	1706.20	1755.70	587.84	49.50
*P81	1755.70	1757.60	538.34	1.90
	1757.60	1758.60	536.44	1.00
*P82	1758.60	1759.10	535.44	0.50
	1759.10	1767.00	534.94	7.90
*P71	1767.00	1767.80	527.04	0.80
	1767.80	1813.30	526.24	45.50
*COAL	1813.30	1814.30	480.74	1.00
	1814.30	1904.80	479.74	90.50
*P72	1904.80	1906.80	389.24	2.00
	1906.80	1930.90	387.24	24.10
*COAL	1930.90	1931.10	363.14	0.20
	1931.10	1942.90	362.94	11.80
*COAL	1942.90	1943.10	351.14	0.20
	1943.10	2038.10	350.94	95.00
*P61	2038.10	2038.40	255.94	0.30
	2038.40	2101.60	255.64	63.20
*P51	2101.60	2102.40	192.44	0.80
	2102.40	2105.20	191.64	2.80
*COAL	2105.20	2105.90	188.84	0.70
	2105.90	2229.00	188.14	123.10
*P43	2229.00	2233.70	65.04	4.70
	2233.70	2260.30	60.34	26.60
*P31	2260.30	2261.90	33.74	1.60
	2261.90	2261.91	32.14	0.01
*P32	2261.91	2262.70	32.13	0.79
	2262.70	2307.90	31.34	45.20
*P35	2307.90	2308.60	-13.86	0.70
	2308.60	2399.10	-14.56	90.50
*P01	2399.10	2399.80	-105.06	0.70
	2399.80	2578.86	-105.76	179.06

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 266.00
 GAMMA-DENSITY LOG FROM 266.00 TO TD.

FILE: C:\VP\APPS\BI110.CMP

DATE: 08/08/06

Gas and Oil Shows

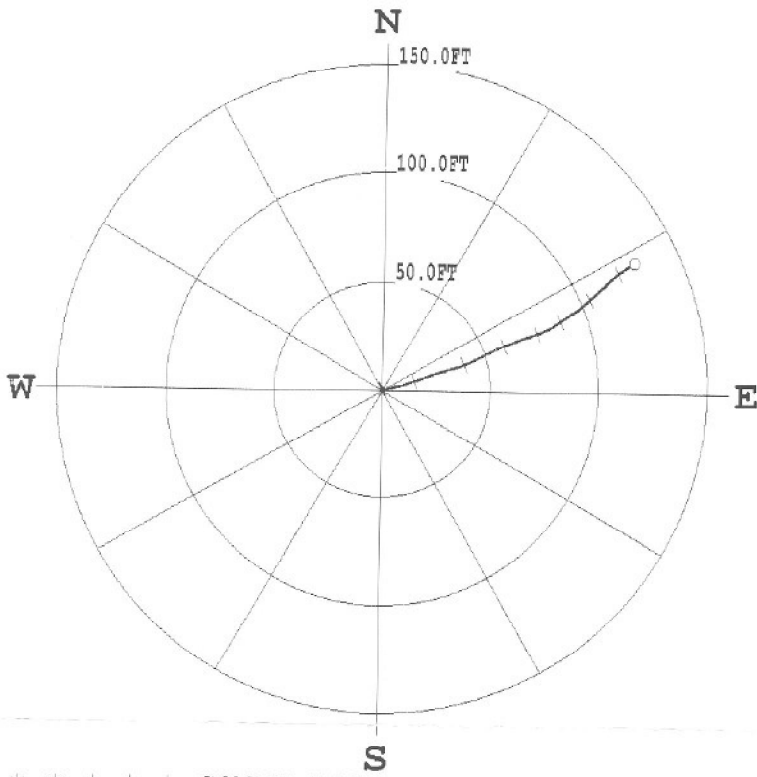
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	935	1757	822	(See Below)		
Pocahontas	1813	2262	449	(See Below)		
Total IPF				No Show		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: Consol Energy
 LOCATION:
 HOLE ID: 06-CNX-BI-110
 DATE OF LOG: 07/26/06
 PROBE: 9136CA 955



SCALE: 50 FT/IN
 TRUE DEPTH: 2561.12 FT
 AZINUTH: 62.8
 DISTANCE: 129.9 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : Consol Energy	HOLE ID. : 06-CNX-BI-110
FIELD OFFICE : Vansant, Va	DATE OF LOG : 07/26/06
DATA FROM :	PROBE : 9136CA , 955
MAG. DECL. : -6.900	DEPTH UNITS : FEET
LOG: 06-CNX-BI-110_07-26-06_09-20_9136CA_.02_-0.02_2566.96_DEVI.log	

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"	19'	16"		<input type="checkbox"/>	X	7-23-06	
Surface	7"	266'	8 7/8"	94.4 Cu/ft	X	<input type="checkbox"/>	7-24-06	Basket @ 23'
Water Protection	4 1/2"	2330.13'	6 1/2"	354.9 Cu/ft	X	<input type="checkbox"/>	7-26-06	
Coal Protection	4 1/2"	2330.13'	6 1/2"	354.9 Cu/ft	X	<input type="checkbox"/>	7-26-06	
Other Casing And Tubing Left In Well								
Liners					<input type="checkbox"/>	<input type="checkbox"/>		

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: BI-110

LOCATION: DRILL

DRILL RIG #: 90

DATE STARTED: 07-23-06

DATED COMPLETED: 07-26-06

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	19	19	OVERBURDEN	
19	30	11	SAND	
30	180	150	SAND/SHALE	
180	210	30	SAND/SHALE/COAL	
210	285	75	SAND/SHALE	
285	295	10	SAND/SHALE	
295	325	30	SAND/SHALE/COAL	
325	355	30	SAND/SHALE	
355	385	30	SAND	
385	535	150	SAND/SHALE/COAL	
535	595	60	SAND/SHALE	
595	625	30	SAND	
625	685	60	SAND/SHALE/COAL	
685	715	30	SAND	
715	745	30	SAND/SHALE/COAL	
745	775	30	SAND/SHALE	
775	805	30	SAND	
805	835	30	SAND/SHALE	
835	865	30	SAND/SHALE/COAL	
865	925	60	SAND/SHALE	
925	985	60	SAND/SHALE/COAL	
985	1045	60	SAND/SHALE	
1045	1075	30	SAND	
1075	1255	180	SAND/SHALE	
1255	1270	15	SAND/SHALE/COAL	
1270	1285	15	SAND	
1285	1315	30	SANDY SHALE/COAL	
1315	1345	30	SAND/SHALE	
1345	1375	30	SANDY SHALE	
1375	1435	60	SAND/SHALE	
1435	1465	30	SANDY SHALE	
1465	1495	30	SANDY SHALE/COAL	
1495	1555	60	SANDY SHALE	
1555	1615	60	SANDY SHALE/COAL	
1615	1645	30	SANDY SHALE/COAL	
1645	1675	30	SAND/SHALE/COAL	
1675	1705	30	SANDY SHALE/COAL	
1705	1765	60	SANDY SHALE	
1765	1795	30	SANDY SHALE/COAL	
1795	1885	90	SAND	
1885	1915	30	SAND/SHALE/COAL	
1915	1945	30	SANDY SHALE/COAL	

1945	1975	30	SAND
1975	2005	30	SANDY SHALE
2005	2035	30	SAND
2035	2125	90	SAND/SHALE
2125	2155	30	SAND/SHALE/COAL
2155	2230	75	SAND/SHALE
2230	2233	3	COAL P-3
2233	2260	27	SAND/SHALE
2260	2264	4	COAL P-3
2264	2275	11	SAND/SHALE
2275	2305	30	SAND/SHALE/COAL
2305	2335	30	SAND/SHALE
2335	2365	30	SAND/SHALE/COAL
2365	2395	30	SAND/SHALE
2395	2425	30	SAND
2425	2455	30	SAND/SHALE
2455	2545	90	SAND/SHALE
2545	2575	30	SAND

2575.00 FT. TOTAL DEPTH
19.00 FT. OF 13 3/8" CASING
265.50 FT. OF 7" CASING
2330.13 FT. OF 4 1/2" CASING