



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: 262
 Company: CNX Gas Company LLC
 File Number: BU-3179
 Operations Name: CBM YYY20 W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 10/26/2006 Drilling Contractor: Noah Horn
 Date drilling completed: 10/30/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,650
 Log Total Depth (feet): 2,591 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 982,740 Final Plat State Plane X: 982,744
 Permitted State Plane Y: 369,431 Final Plat State Plane Y: 369,433

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	YYY20 Plat.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	YYY20 Exhibit A.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas Show	YYY-20Gas Show.doc

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

List all logs run: Caliper Gamma Temp Sensity 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	YYY20 Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casing	YYY-20Casing.doc

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.

Grouted 7" casing to surface

8. Drillers Log

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	YYY20 Drill Data.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 4/2/2007 (Company)

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

INTERNAL USE ONLY

Submit Date: 4/2/2007

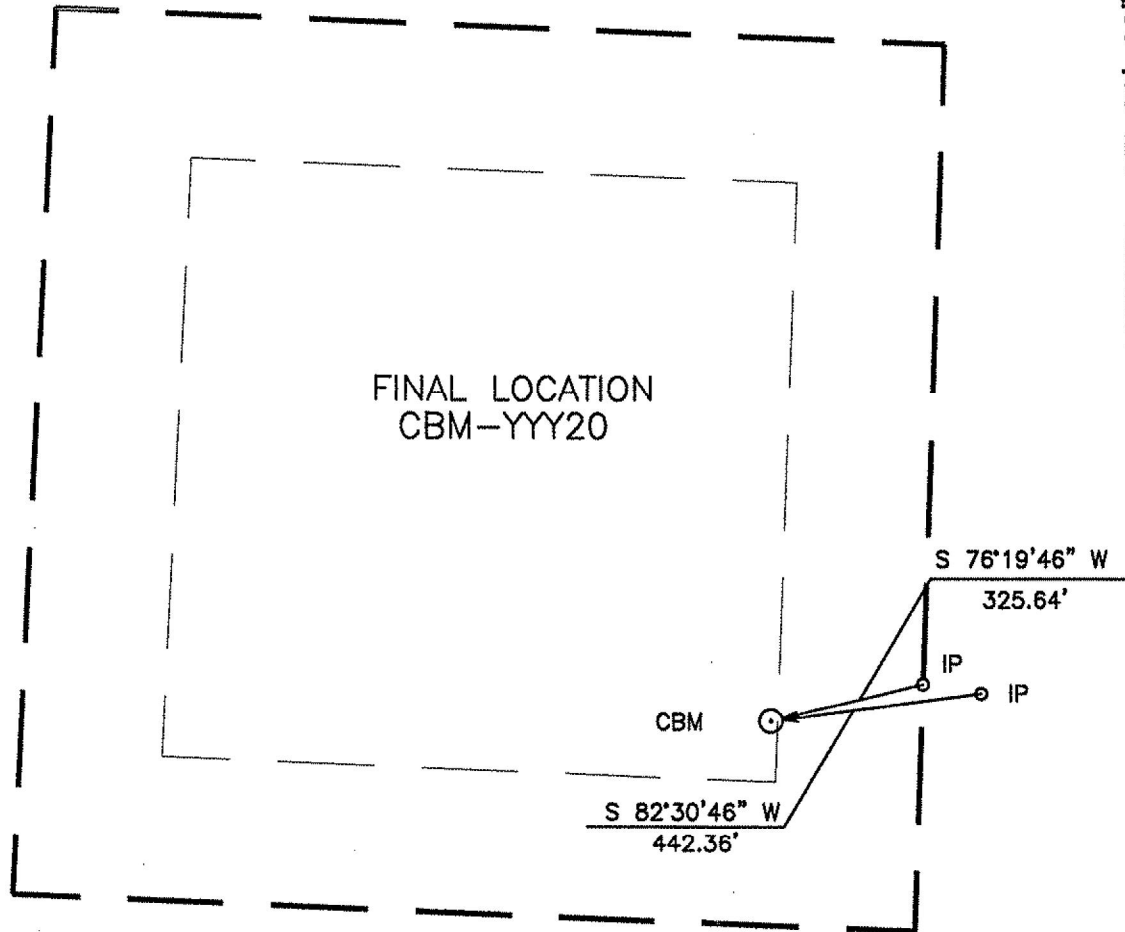
Status: Inspr Approved

Date: 4/27/2007

Final PDF Date: 6/5/2007

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

LATITUDE: 37° 20' 00" P/LS



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

YY20FNL
1N14/27-556/20

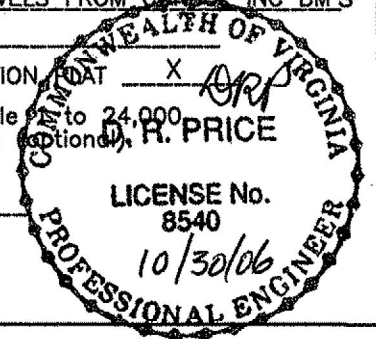
COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-YYY20
TRACT NUMBER C.L. RITTER QUADRANGLE PATTERSON
DISTRICT: GARDEN

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 369,432.60 E 982,744.41
ELEVATION: 2395.01' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S
COUNTY BUCHANAN Scale: 1" = 400' Date 10-30-06

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' (or other scale), latitude and longitude lines being represented by border lines as shown (optional).

DR Price



Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

Exhibit A

Well Name: 06-CNX-YYY-20

SURFACE ELEV: 2395.01 EASTING: 982744.41 NORTHING: 369432.60

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
COAL	32.60	33.10	2362.41	0.50	
	33.10	98.00	2361.91	64.90	
COAL	98.00	99.10	2297.01	1.10	
	99.10	121.40	2295.91	22.30	
COAL	121.40	123.10	2273.61	1.70	
	123.10	167.40	2271.91	44.30	
COAL	167.40	167.90	2227.61	0.50	
	167.90	178.70	2227.11	10.80	
COAL	178.70	179.00	2216.31	0.30	
	179.00	234.60	2216.01	55.60	
COAL	234.60	235.60	2160.41	1.00	
	235.60	261.00	2159.41	25.40	
NR1	261.00	262.60	2134.01	1.60	
	262.60	428.80	2132.41	166.20	
HG1	428.80	429.80	1970.21	1.00	
	429.80	459.70	1965.21	29.90	
COAL	459.70	460.30	1935.31	0.60	
	460.30	527.80	1934.71	67.50	
COAL	527.80	527.90	1867.21	0.10	
	527.90	549.80	1867.11	21.90	
COAL	549.80	550.20	1845.21	0.40	
	550.20	576.00	1844.81	25.80	
SD1	576.00	577.80	1819.01	1.80	
	577.80	590.00	1817.21	12.20	
SD2	590.00	591.00	1805.01	1.00	
	591.00	597.10	1804.01	6.10	
COAL	597.10	597.80	1797.91	0.70	
	597.80	623.00	1797.21	25.20	
SD3	623.00	623.40	1772.01	0.40	
	623.40	692.60	1771.61	69.20	
LB1	692.60	693.10	1702.41	0.50	
	693.10	750.20	1701.91	57.10	
LB2	750.20	751.00	1644.81	0.80	
	751.00	895.60	1644.01	144.60	
KN2	895.60	896.90	1499.41	1.30	
	896.90	897.50	1498.11	0.60	
COAL	897.50	897.90	1497.51	0.40	
	897.90	1000.60	1497.11	102.70	
COAL	1000.60	1000.80	1394.41	0.20	
	1000.80	1012.50	1394.21	11.70	
COAL	1012.50	1012.80	1382.51	0.30	
	1012.80	1101.40	1382.21	88.60	
RA2	1101.40	1102.70	1293.61	1.30	
	1102.70	1212.10	1292.31	109.40	
JB1	1212.10	1212.80	1182.91	0.70	
	1212.80	1235.40	1182.21	22.60	
JB3	1235.40	1236.40	1159.61	1.00	

	1236.40	1272.00	1158.61	35.60
T2	1272.00	1273.00	1123.01	1.00
	1273.00	1308.60	1122.01	35.60
COAL	1308.60	1308.80	1086.41	0.20
	1308.80	1546.10	1086.21	237.30
*GC2	1546.10	1546.30	848.91	0.20
	1546.30	1632.50	848.71	86.20
*SE2	1632.50	1632.95	762.51	0.45
	1632.95	1657.60	762.06	24.65
*LS1	1657.60	1658.00	737.41	0.40
	1658.00	1748.50	737.01	90.50
*UH1	1748.50	1749.40	646.51	0.90
	1749.40	1749.90	645.61	0.50
*UH1	1749.90	1751.30	645.11	1.40
	1751.30	1770.90	643.71	19.60
*UH2	1770.90	1771.10	624.11	0.20
	1771.10	1814.35	623.91	43.25
*MH1	1814.35	1816.10	580.66	1.75
	1816.10	1910.20	578.91	94.10
*P11	1910.20	1911.30	484.81	1.10
	1911.30	1913.70	483.71	2.40
*COAL	1913.70	1913.80	481.31	0.10
	1913.80	1919.20	481.21	5.40
*COAL	1919.20	1919.30	475.81	0.10
	1919.30	1920.40	475.71	1.10
*113	1920.40	1920.60	474.61	0.20
	1920.60	1921.50	474.41	0.90
*COAL	1921.50	1921.60	473.51	0.10
	1921.60	1921.80	473.41	0.20
*COAL	1921.80	1922.00	473.21	0.20
	1922.00	1924.20	473.01	2.20
*P10	1924.20	1925.00	470.81	0.80
	1925.00	1955.80	470.01	30.80
*LH3	1955.80	1957.20	439.21	1.40
	1957.20	2013.00	437.81	55.80
*P92	2013.00	2013.95	382.01	0.95
	2013.95	2071.80	381.06	57.85
*P81	2071.80	2073.40	323.21	1.60
	2073.40	2292.30	321.61	218.90
*P41	2292.30	2293.60	102.71	1.30
	2293.60	2293.60	101.41	0.00
*P42	2293.60	2294.80	101.41	1.20
	2294.80	2357.40	100.21	62.60
*P3	2357.40	2360.60	37.61	3.20
	2360.60	2591.32	34.41	230.72

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS WELL'S PROXIMITY TO TOWN ORCHARD FORK.

GAMMA-CALIPER LOG FROM 0 TO 293.00

GAMMA-DENSITY LOG FROM 293.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION

FILE: D:\PROJECTS\VP_JJK\GAS\YYY20.CMP

DATE: 01/24/07

Oil & Gas Show

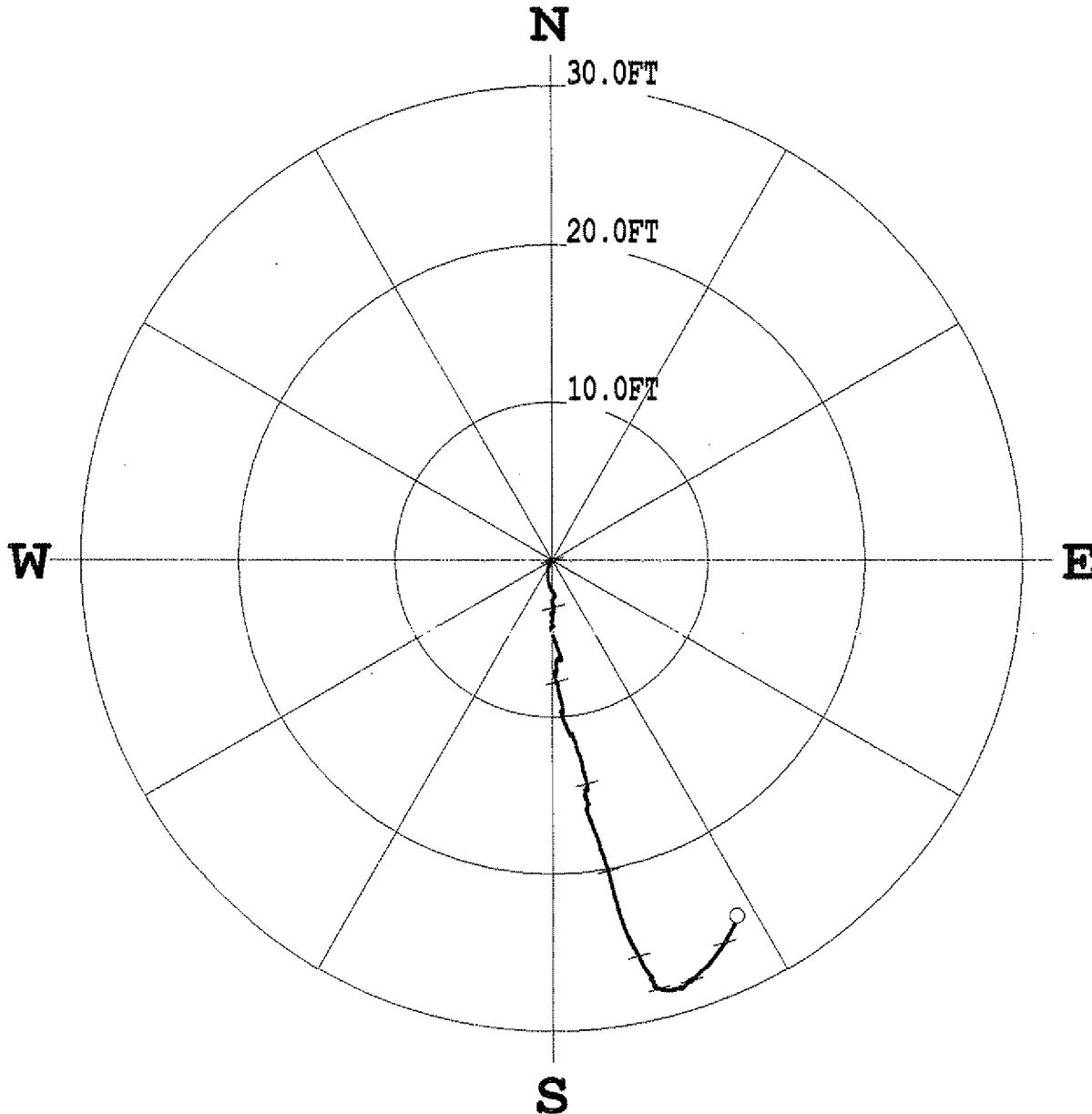
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	1750	2073	323			
Pocahontas	2292	2360	68			
TOTAL				NOT TAKEN		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: CONSOL ENERGY
 LOCATION: -
 HOLE ID: 06-CNX-YYY-20
 DATE OF LOG: 10/29/06
 PROBE: 9136CH 1244



SCALE: 10 FT/IN
 TRUE DEPTH: 2590.41 FT
 AZIMUTH: 152.4
 DISTANCE: 25.5 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT	: CONSOL ENERGY	HOLE ID.	: 06-CNX-YYY-20
FIELD OFFICE	: O'DRISCOLL	DATE OF LOG	: 10/29/06
DATA FROM	: -	PROBE	: 9136CH , 1244
MAG. DECL.	: -7.100	DEPTH UNITS	: FEET
LOG: 06-CNX-YYY-20_10-29-06_12-35_9136CH_.10_0.00_2590.80_DEVI.log			

TABLE 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	-0.00	0.00	0.0	122.3	0.1	66.0
20.0	20.00	-0.01	0.01	0.0	145.6	0.1	180.6
30.0	30.00	-0.02	-0.00	0.0	189.7	0.1	259.4
40.0	40.00	-0.02	-0.02	0.0	226.8	0.1	303.1

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: YYY-20

LOCATION: SOUTH GRUNDY

DRILL RIG #: 17

DATE STARTED: 10-26-06

DATED COMPLETED: 10-30-06

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	9	9	OVERBURDEN/SAND STONE	
9	65	56	SAND STONE	
65	95	30	SAND/SHALE	
95	125	30	SAND/SHALE/COAL	
125	155	30	SAND/SHALE	
155	185	30	SAND/SHALE/COAL	
185	215	30	SAND	
215	275	60	SAND/SHALE	
275	305	30	SANDY SHALE	
305	330	25	CEMENT/SAND/SHALE	
330	360	30	SAND/SHALE/COAL	
360	390	30	SAND/SHALE	
390	420	30	SANDY SHALE/SHALE	
420	510	90	SAND/SHALE/COAL	
510	540	30	SAND/SHALE	
540	600	60	SAND/SHALE/COAL	
600	630	30	COAL/SAND/COAL	
630	660	30	SAND/SHALE	
660	690	30	SANDY SHALE	
690	750	60	SAND/SHALE	
750	780	30	SANDY SHALE/COAL/SAND	
780	810	30	SAND/SANDY SHALE	
810	840	30	SANDY SHALE	
840	870	30	SANDY SHALE/SAND	
870	900	30	SAND/COAL	
900	930	30	SANDY SHALE/COAL/SANDY SHALE	
930	960	30	SANDY SHALE	
960	990	30	SANDY SHALE/SAND	
990	1020	30	SAND/COAL/SANDY SHALE	
1020	1050	30	SAND/SANDY SHALE	
1050	1080	30	SANDY SHALE	
1080	1110	30	SANDY SHALE/COAL/SANDY SHALE	
1110	1140	30	SANDY SHALE/SAND	
1140	1170	30	SAND/SANDY SHALE	
1170	1200	30	SANDY SHALE	
1200	1230	30	SANDY SHALE/COAL/SANDY SHALE	
1230	1260	30	SANDY SHALE/SAND	
1260	1290	30	SAND/SANDY SHALE	
1290	1320	30	SANDY SHALE/COAL/SANDY SHALE	
1320	1350	30	SANDY SHALE/COAL/SAND	
1350	1380	30	SAND/SANDY SHALE	
1380	1410	30	SANDY SHALE	

1410	1440	30	SANDY SHALE/SAND
1440	1470	30	SAND/SANDY SHALE
1470	1500	30	SANDY SHALE
1500	1530	30	SAND/SANDY SHALE
1530	1560	30	SAND/SHALE/COAL
1560	1620	60	SAND/SHALE
1620	1650	30	SANDY SHALE/SHALE/COAL
1650	1680	30	SAND/SHALE/COAL
1680	1710	30	SAND
1710	1740	30	SAND/SHALE
1740	1800	60	SAND/SHALE/COAL
1800	1830	30	SAND/SHALE
1830	1860	30	SAND
1860	1890	30	SHALE/COAL
1890	1920	30	SAND/SHALE/COAL
1920	1950	30	SAND/SHALE
1950	1980	30	SANDY SHALE/SHALE/COAL
1980	2010	30	SAND/SHALE/COAL
2010	2040	30	SAND/SHALE
2040	2070	30	SAND/SHALE/COAL
2070	2130	60	SAND
2130	2160	30	SAND STONE
2160	2190	30	SAND/SHALE/SAND
2190	2250	60	SAND STONE
2250	2280	30	SAND/SANDY SHALE
2280	2340	60	SANDY SHALE/COAL/SAND
2340	2370	30	SAND/COAL/SANDY SHALE P-3 2353-2356
2370	2400	30	SAND/SANDY SHALE
2400	2430	30	SANDY SHALE
2430	2460	30	SANDY SHALE/SAND
2460	2490	30	SAND STONE
2490	2520	30	SAND/SANDY SHALE
2520	2550	30	SANDY SHALE/SAND
2550	2580	30	SAND/SANDY SHALE
2580	2610	30	SAND STONE/GREEN SHALE
2610	2650	40	GREEN SHALE

2650.00 FT. TOTAL DEPTH
9.00 FT. OF 13 3/8" CASING
265.20 FT. OF 7" CASING
2425.00 FT. OF 4 1/2" CASING