



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: 21
 Company: CNX Gas Company LLC
 File Number: BU-2471
 Operations Name: CBM P(-2)
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 8/4/2003 Drilling Contractor: NOAH HORN WELL DRILLING
 Date drilling completed: 8/8/2003 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,556
 Log Total Depth (feet): 2,511 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 939,327 Final Plat State Plane X: 939,327
 Permitted State Plane Y: 339,638 Final Plat State Plane Y: 339,639
 Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
P(-2)	P(-2) FINAL PLAT.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
60	DAMP	GPM

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
P(-2)	P(-2) EXHIBIT A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
P(-2)	P(-2) GAS SHOWS.jpg

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

List all logs run: GAMMA,CALIPER,DEVIATION,DENSITY,TEMP

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
P(-2)	P(-2) DEVIATION LOG.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
P(-2)	P(-2) CASING.jpg

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.

CIRCULATED 7" AND 4 1/2 "

8. Drillers Log

Compiled By: LES ARRINGTON

List of Attached Items:

Description	FileName
P(-2)	P(-2) DRILLERS LOG.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 11/2/2006 (Company)

Signed By: LES ARRINGTON Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 11/2/2006

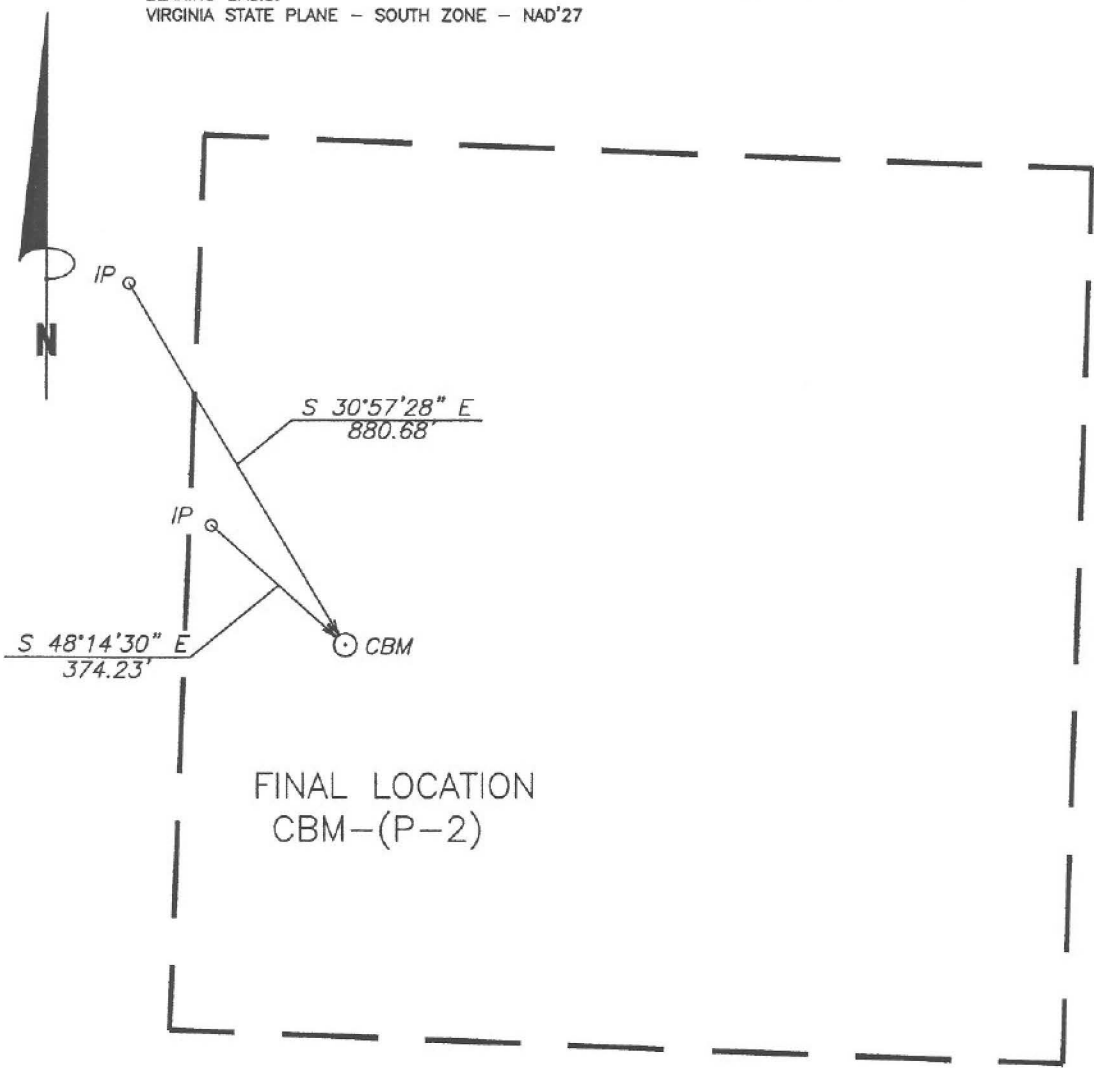
Status: Inspr Approved

Date: 11/3/2006

Final PDF Date: 1/23/2007

LATITUDE: 37°15' 00" LONGITUDE: 82° 07' 30"

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



FINAL LOCATION
CBM-(P-2)

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

VP3 P-2FNL
3-2/02 - 0001/25

WELL LOCATION PLAT

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-(P-2)
TRACT NUMBER GARDEN REALITY ET AL QUADRANGLE PRATER
DISTRICT: PRATER

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 339,638.85 E 939,327.33
ELEVATION: 2160.08' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S
COUNTY BUCHANAN Scale: 1" = 400' Date 08-07-03

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" to 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)

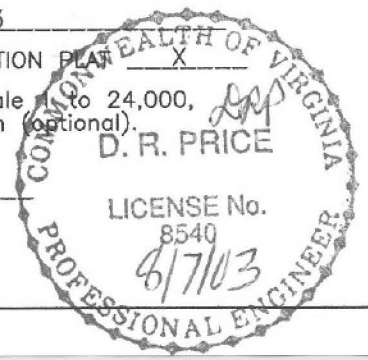


Exhibit A

Well Name: 03-CNXP--2

SURFACE ELEV: 2160.08 EASTING: 939327.33 NORTHING: 339638.85

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
NR1	60.50	63.40	2099.58	2.90	
	63.40	74.50	2096.68	11.10	
NR2	74.50	75.00	2085.58	0.50	
	75.00	89.00	2085.08	14.00	
COAL	89.00	91.00	2071.08	2.00	
	91.00	307.00	2069.08	216.00	
HG1	307.00	310.10	1853.08	3.10	
	310.10	414.00	1849.98	103.90	
SD1	414.00	415.50	1746.08	1.50	
	415.50	432.00	1744.58	16.50	
SD2	432.00	432.20	1728.08	0.20	
	432.20	448.10	1727.88	15.90	
COAL	448.10	448.30	1711.98	0.20	
	448.30	461.00	1711.78	12.70	
SD3	461.00	461.70	1699.08	0.70	
	461.70	462.00	1698.38	0.30	
SD3	462.00	462.90	1698.08	0.90	
	462.90	495.30	1697.18	32.40	
UB1	495.30	496.20	1664.78	0.90	
	496.20	621.40	1663.88	125.20	
LB2	621.40	621.50	1538.68	0.10	
	621.50	742.00	1538.58	120.50	
KN1	742.00	742.10	1418.08	0.10	
	742.10	761.50	1417.98	19.40	
KN2	761.50	763.00	1398.58	1.50	
	763.00	864.00	1397.08	101.00	
AL1	864.00	864.30	1296.08	0.30	
	864.30	893.40	1295.78	29.10	
AL2	893.40	894.70	1266.68	1.30	
	894.70	977.10	1265.38	82.40	
RA2	977.10	978.40	1182.98	1.30	
	978.40	995.40	1181.68	17.00	
RA3	995.40	995.50	1164.68	0.10	
	995.50	1080.90	1164.58	85.40	
JB1	1080.90	1081.40	1079.18	0.50	
	1081.40	1083.90	1078.68	2.50	
JB2	1083.90	1084.50	1076.18	0.60	
	1084.50	1097.00	1075.58	12.50	
JB3	1097.00	1097.80	1063.08	0.80	
	1097.80	1178.00	1062.28	80.20	
T1	1178.00	1179.00	982.08	1.00	
	1179.00	1283.10	981.08	104.10	
COAL	1283.10	1283.30	876.98	0.20	
	1283.30	1284.50	876.78	1.20	
*US1	1284.50	1285.00	875.58	0.50	
	1285.00	1450.30	875.08	165.30	
*SE1	1450.30	1451.00	709.78	0.70	
	1451.00	1451.60	709.08	0.60	
*SE1	1451.60	1452.40	708.48	0.80	
	1452.40	1478.20	707.68	25.80	

*SE2	1478.20	1479.40	681.88	1.20
	1479.40	1482.00	680.68	2.60
*SE3	1482.00	1482.90	678.08	0.90
	1482.90	1587.30	677.18	104.40
*UH1	1587.30	1587.70	572.78	0.40
	1587.70	1635.90	572.38	48.20
*COAL	1635.90	1636.00	524.18	0.10
	1636.00	1646.50	524.08	10.50
*MH1	1646.50	1647.50	513.58	1.00
	1647.50	1712.00	512.58	64.50
*P11	1712.00	1712.60	448.08	0.60
	1712.60	1753.00	447.48	40.40
*P10	1753.00	1753.50	407.08	0.50
	1753.50	1769.60	406.58	16.10
*LH1	1769.60	1769.80	390.48	0.20
	1769.80	1808.90	390.28	39.10
*LH3	1808.90	1809.00	351.18	0.10
	1809.00	1946.10	351.08	137.10
*COAL	1946.10	1946.30	213.98	0.20
	1946.30	2256.00	213.78	309.70
*P31	2256.00	2257.10	-95.92	1.10
*P32	2257.10	2258.80	-97.02	1.70
	2258.80	2259.00	-98.72	0.20
*P33	2259.00	2260.20	-98.92	1.20
*P34	2260.20	2260.90	-100.12	0.70
	2260.90	2273.90	-100.82	13.00
*P21	2273.90	2274.10	-113.82	0.20
	2274.10	2511.34	-114.02	237.24

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
 COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
 WELL'S PROXIMITY TO SHORT RIDGE BRANCH.
 GAMMA-CALIPER LOG FROM 0 TO 355.00
 GAMMA-DENSITY LOG FROM 355.00 TO TD.

FILE: C:\VP\GAS\P-2.CMP

DATE: 09/30/03

*SE2	1478.20	1479.40	681.88	1.20
	1479.40	1482.00	680.68	2.60
*SE3	1482.00	1482.90	678.08	0.90
	1482.90	1587.30	677.18	104.40
*UH1	1587.30	1587.70	572.78	0.40
	1587.70	1635.90	572.38	48.20
*COAL	1635.90	1636.00	524.18	0.10
	1636.00	1646.50	524.08	10.50
*MH1	1646.50	1647.50	513.58	1.00
	1647.50	1712.00	512.58	64.50
*P11	1712.00	1712.60	448.08	0.60
	1712.60	1753.00	447.48	40.40
*P10	1753.00	1753.50	407.08	0.50
	1753.50	1769.60	406.58	16.10
*LH1	1769.60	1769.80	390.48	0.20
	1769.80	1808.90	390.28	39.10
*LH3	1808.90	1809.00	351.18	0.10
	1809.00	1946.10	351.08	137.10
*COAL	1946.10	1946.30	213.98	0.20
	1946.30	2256.00	213.78	309.70
*P31	2256.00	2257.10	-95.92	1.10
*P32	2257.10	2258.80	-97.02	1.70
	2258.80	2259.00	-98.72	0.20
*P33	2259.00	2260.20	-98.92	1.20
*P34	2260.20	2260.90	-100.12	0.70
	2260.90	2273.90	-100.82	13.00
*P21	2273.90	2274.10	-113.82	0.20
	2274.10	2511.34	-114.02	237.24

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 WELL'S PROXIMITY TO SHORT RIDGE BRANCH.
 GAMMA-CALIPER LOG FROM 0 TO 355.00
 GAMMA-DENSITY LOG FROM 355.00 TO TD.

FILE: C:\VP\GAS\P-2.CMP

DATE: 09/30/03

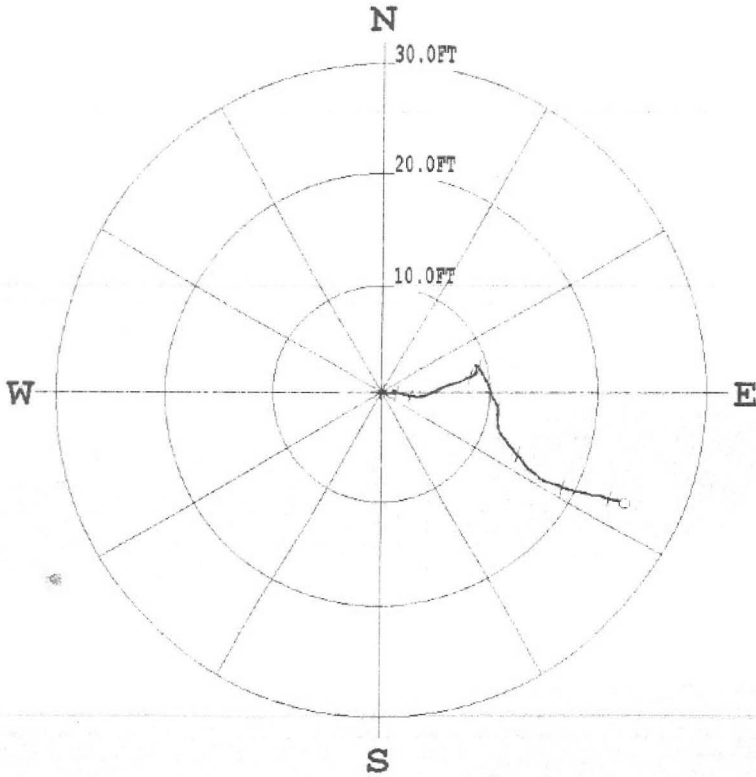
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton Fms	1478'	1647'	169'	Show		
Pocahontas Fm	2256'	2260'	4'	Show		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: CONSOL ENERGY
 FIELD OFFICE: BLUEFIELD
 DATA FROM: 03-CNX-P-(-2)
 DATE OF LOG: 08/08/03
 PROBE: 9055C 86



SCALE: 10 FT/IN
 TRUE DEPTH: 2499.57 FT
 AZIMUTH: 114.0
 DISTANCE: 24.6 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : CONSOL ENERGY	HOLE ID. : 03-CNX-P-(-2)	
FIELD OFFICE : BLUEFIELD	DATE OF LOG : 08/08/03	
DATA FROM :	PROBE : 9055C	86
MAG. DECL. : -7.100	DEPTH UNITS : FEET	
LOG: 03-CNX-P-(-2) 08-08-03 06-59 9055C .10 0.00 2500.10 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"	18'	15"			X	8-4-03	
Surface	7"	355'	8 7/8"	280 Cu/ft	X		8-5-03	Basket @88'
Water Protection	4 1/2"	2324.58'	6 1/2"	336 Cu/ft	X	<input type="checkbox"/>	8-8-03	
Coal Protection	4 1/2"	2324.58'	6 1/2"	336 Cu/ft	X	<input type="checkbox"/>	8-8-03	
Other Casing And Tubing Left In Well						<input type="checkbox"/>		
Liners					<input type="checkbox"/>	<input type="checkbox"/>		

DRILL DATA HOLE – NOAH HORN WELL DRILLING, INC.

COMPANY : CNX

HOLE: P-2

LOCATION: LEEMASTER

DRILL: RIG 609

DATE STARTED: 08-04-03

ELECTRIC LOGGED: YES

DATE COMPLETED: 08-08-03

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC
0	18	18	OVERBURDEN	18' OF 13-3/8" CASING
18	30	12	SANDSTONE	
30	61.56	31.56	SHALEY SANDSTONE	
61.56	155.51	93.95	SANDY SHALE	
155.51	187.09	31.58	SAND/SANDY SHALE	
187.09	218.59	31.50	SANDY SHALE	
218.29	250.01	31.42	SANDY SHALE/SAND	
250.01	281.66	31.65	SANDY SHALE/SAND/SANDY SHALE	
281.66	313.46	31.80	SANDY SHALE/COAL	
313.46	344.71	31.25	SANDY SHALE/SAND	
344.71	376.11	31.40	SAND/SANDY SHALE	355' OF 7"
376.11	563.68	187.57	SANDY SHALE	
563.68	594.80	31.12	SANDY SHALE	
594.80	626.45	31.65	SANDY SHALE	
626.45	657.33	30.88	SANDY SHALE/SAND	
657.33	688.78	31.45	SAND/SANDY SHALE	
688.78	719.37	30.59	SANDY SHALE/SAND	
719.37	751.07	31.70	SANDY SHALE	
751.07	782.30	31.23	SANDY SHALE/COAL/SANDY SHALE/ COAL/SAND	
782.30	812.66	30.36	SAND/SANDY SHALE	
812.66	875.62	62.96	SANDY SHALE/COAL/SANDY SHALE	
875.62	907.72	32.10	SANDY SHALE/SAND/COAL	
907.72	939.06	31.34	SANDY SHALE	
939.06	971.06	32.00	SANDY SHALE/SAND/SANDY SHALE	
971.06	1002.59	31.53	SANDY SHALE/COAL/SANDY SHALE	
1002.59	1034.01	31.42	SANDY SHALE/SAND/SANDY SHALE	
1034.01	1064.69	30.68	SANDY SHALE	
1064.69	1093.14	28.45	SANDY SHALE/SAND/COAL	
1093.14	1124.02	30.88	SANDY SHALE/COAL/SAND	
1124.02	1155.15	31.13	SAND/SANDY SHALE	
1155.15	1186.35	31.20	SANDY SHALE/SAND/COAL	
1186.35	1218.09	31.74	SANDY SHALE/SAND/SANDY SHALE	
1218.09	1249.94	31.85	SANDY SHALE/SAND	
1249.94	1281.64	31.70	SAND	
1281.64	1312.36	30.72	SANDY SHALE/SAND/SANDY SHALE	
1312.36	1343.92	31.56	SANDY SHALE/SAND	

CNX
HOLE #P-2
PAGE 2

1343.92	1375.48	31.56	SAND	
1375.48	1407.09	31.61	SANDSTONE	
1407.09	1498.90	91.81	SANDSTONE	
1498.90	1561.85	62.95	SANDY SHALE	
1561.85	1623.96	62.11	SANDSTONE	
1623.96	1966.77	342.81	SANDY SHALE	
1966.77	2058.04	91.27	SANDSTONE	
2058.04	2089.46	31.42	SANDY SHALE/SAND/SANDY SHALE	
2089.46	2120.87	31.41	SAND/SANDY SHALE	
2120.87	2151.12	30.25	SANDY SHALE/SAND	
2151.12	2182.41	31.29	SAND	
2182.41	2213.76	31.35	SANDY SHALE/SAND	
2213.76	2245.52	31.76	SAND/SANDY SHALE/POSS.COAL	
2245.52	2277.34	31.82	SANDY SHALE	
2277.34	2309.16	31.82	SANDY SHALE/SAND	
2309.16	2339.53	30.37	SAND/SANDY SHALE	
2339.53	2368.83	29.30	SAND	
2368.83	2400.08	31.25	SAND/SANDY SHALE/SAND	
2400.08	2431.68	31.60	SANDY SHALE/SAND	
2431.68	2463.61	31.93	SANDY SHALE/SAND	
2463.61	2495.14	31.53	SANDSTONE	
2495.14	2526.14	31.00	RED SHALE	
2526.14	2556.40	30.26	RED SHALE	2413.10' OF 4-1/2"

TOTAL DEPTH: 2556.40'
18' OF 13-3/8"
355' OF 7"
2413.10' OF 4-1/2"
