



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: 146
 Company: CNX Gas Company LLC
 File Number: BU-3114
 Operations Name: CBM B21A W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/26/2006 Drilling Contractor: NOAH HORN
 Date drilling completed: 7/31/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 1,865
 Log Total Depth (feet): 1,846 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 983,340 Final Plat State Plane X: 983,340
 Permitted State Plane Y: 364,865 Final Plat State Plane Y: 364,865

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
B21A	B21A WELL LOCATION PLAT(FINAL).pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
32	2-3	INCH

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
B21A	B21A EXHIBIT A(COAL SEAMS).pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
B21A	B21A GAS AND OIL SHOWS.jpg

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
B21A	B21A PLAN DATA-DEVIATION LOG (SURVEY).pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
B21A	B21A CASING AND TUBING.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.

BASKET@50'

8. Drillers Log

Compiled By: LESLIE ARRINGTON

List of Attached Items:

Description	FileName
B21A	B21A DRILL DATA HOLE.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 1/24/2007 (Company)

Signed By: LESLIE ARRINGTON Title: MANAGER (Signature)

INTERNAL USE ONLY

Submit Date: 1/24/2007

Status: Inspr Approved

Date: 10/5/2007

Final PDF Date: 10/5/2007

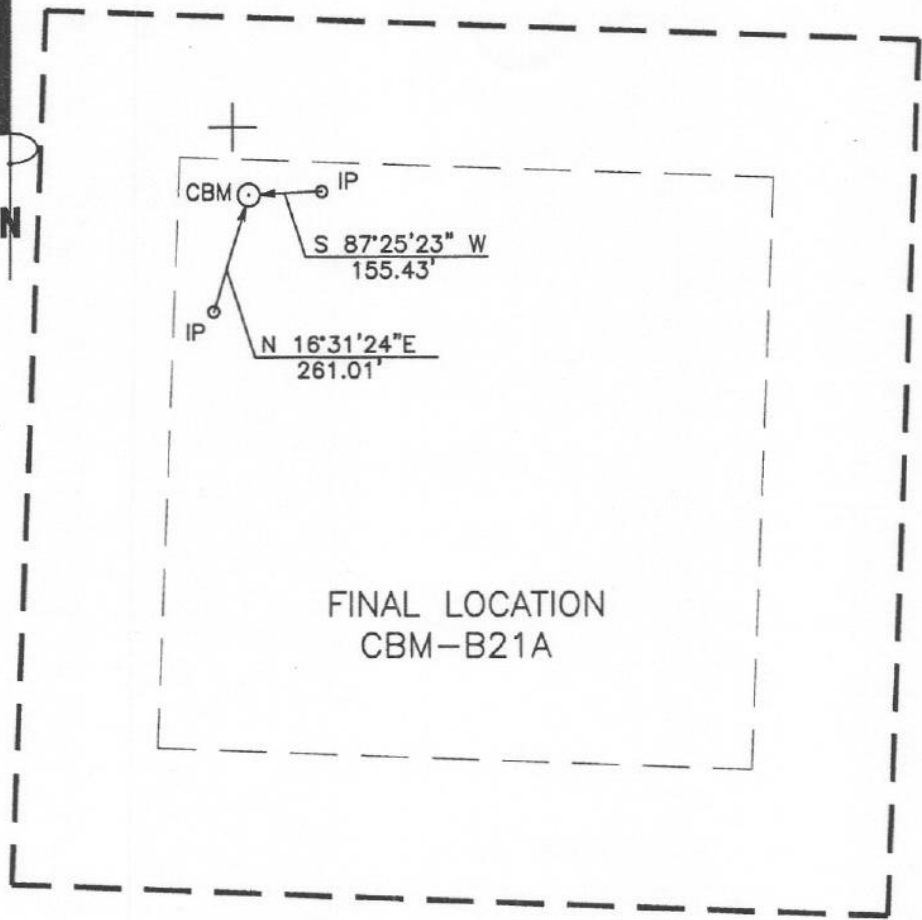
BU-3114

10,750'

LATITUDE: 37° 17' 30"

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

LONGITUDE: 81° 57' 30"
2,870'



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

B21AFNL
1N13/80-0602(538)/55

COMPANY CNX GAS COMPANY, LLC WELL NAME OR NUMBER CBM-B21A
 TRACT NUMBER CONSOLIDATION COAL CO ETAL QUADRANGLE PATTERSON
 DISTRICT: GARDEN

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 364,864.92 E 983,339.56
 ELEVATION: 1633.26' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S
 COUNTY BUCHANAN Scale: 1" = 400' Date 08-02-06

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 1" = 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)

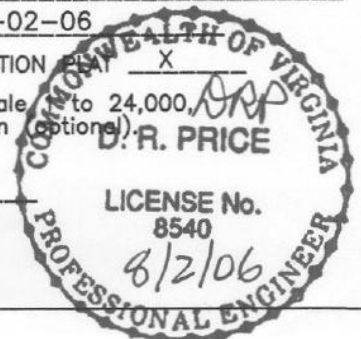


Exhibit A

Well Name: CBM-B21A

SURFACE ELEV: 1633.26 EASTING: 983339.56 NORTHING: 364864.92

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	1.00	78.00	1632.26	77.00	
KN2	78.00	79.20	1555.26	1.20	
	79.20	183.70	1554.06	104.50	
AL1	183.70	184.20	1449.56	0.50	
	184.20	195.40	1449.06	11.20	
AL2	195.40	196.00	1437.86	0.60	
	196.00	284.00	1437.26	88.00	
RA2	284.00	285.80	1349.26	1.80	
	285.80	406.40	1347.46	120.60	
JB1	406.40	407.00	1226.86	0.60	
	407.00	436.80	1226.26	29.80	
JB3	436.80	438.40	1196.46	1.60	
	438.40	460.00	1194.86	21.60	
T2	460.00	461.00	1173.26	1.00	
	461.00	494.00	1172.26	33.00	
T1	494.00	494.50	1139.26	0.50	
	494.50	601.80	1138.76	107.30	
*US1	601.80	601.90	1031.46	0.10	
	601.90	739.70	1031.36	137.80	
*GC2	739.70	739.90	893.56	0.20	
	739.90	832.00	893.36	92.10	
*SE2	832.00	832.90	801.26	0.90	
	832.90	833.40	800.36	0.50	
*SE3	833.40	833.60	799.86	0.20	
	833.60	948.20	799.66	114.60	
*UH1	948.20	949.30	685.06	1.10	
	949.30	979.30	683.96	30.00	
*UH2	979.30	980.20	653.96	0.90	
	980.20	1022.70	653.06	42.50	
*MH1	1022.70	1024.10	610.56	1.40	
	1024.10	1125.00	609.16	100.90	
*P11	1125.00	1126.00	508.26	1.00	
	1126.00	1126.20	507.26	0.20	
*113	1126.20	1126.50	507.06	0.30	
	1126.50	1126.80	506.76	0.30	
*113	1126.80	1127.10	506.46	0.30	
	1127.10	1127.20	506.16	0.10	
*113	1127.20	1127.90	506.06	0.70	
	1127.90	1128.10	505.36	0.20	
*P10	1128.10	1129.90	505.16	1.80	
	1129.90	1186.90	503.36	57.00	
*LH3	1186.90	1188.70	446.36	1.80	
	1188.70	1214.80	444.56	26.10	
*P91	1214.80	1215.30	418.46	0.50	
	1215.30	1222.30	417.96	7.00	
*P92	1222.30	1223.90	410.96	1.60	
	1223.90	1298.80	409.36	74.90	
*P81	1298.80	1301.60	334.46	2.80	
	1301.60	1473.20	331.66	171.60	
*P51	1473.20	1474.20	160.06	1.00	
	1474.20	1480.70	159.06	6.50	
*P52	1480.70	1481.00	152.56	0.30	
	1481.00	1519.40	152.26	38.40	
*P41	1519.40	1519.90	113.86	0.50	

	1519.90	1521.60	113.36	1.70
*P42	1521.60	1522.10	111.66	0.50
	1522.10	1772.50	111.16	250.40
*SJ3	1772.50	1773.10	-139.24	0.60
	1773.10	1776.80	-139.84	3.70
*SJ2	1776.80	1778.00	-143.54	1.20
	1778.00	1783.00	-144.74	5.00
*SJ1	1783.00	1783.70	-149.74	0.70
	1788.00	1846.04	-207.78	58.04

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
WELL'S PROXIMITY TO BIG BRANCH.

GAMMA-CALIPER LOG FROM 0 TO 322.50
GAMMA-DENSITY LOG FROM 322.50 TO TD.

FILE: C:\VP\APPS\B21A.CMP

DATE: 08/15/06

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lec/Norton	948	1301	353	No Show		
Pocahontas	1473	1778	305	No Show		

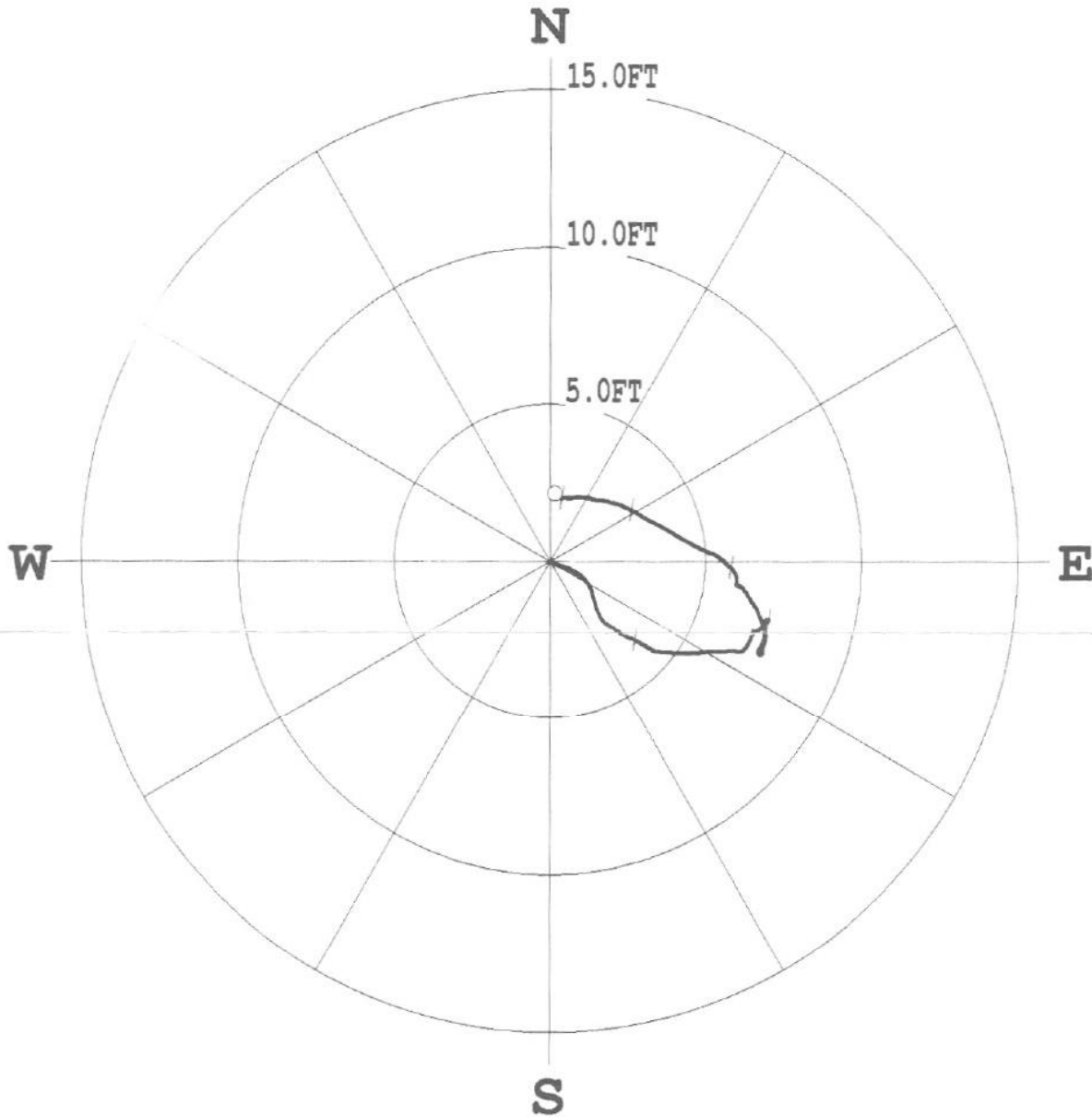
PLAN VIEW COMPU-LOG DEVIATION

CLIENT: CONSOL ENERGY
 LOCATION: -
 HOLE ID: 06-CNX-B-21A
 DATE OF LOG: 07/31/06
 PROBE: 9136CH 1244



MAG DECL: -7.1

SCALE: 5 FT/IN
 TRUE DEPTH: 1845.80 FT
 AZIMUTH: 4.2
 DISTANCE: 2.1 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT	: CONSOL ENERGY	HOLE ID.	: 06-CNX-B-21A
FIELD OFFICE	: O'DRISCOLL	DATE OF LOG	: 07/31/06
DATA FROM	: -	PROBE	: 9136CH , 1244
MAG. DECL.	: -7.100	DEPTH UNITS	: FEET
LOG: 06-CNX-B-21A_07-31-06_13-46_9136CH_1_0.00_1846.00_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"	31.40'	15 1/2"		<input type="checkbox"/>	X	7-26-06	
Surface	7"	311.95'	8 7/8"	102 Cu/ft	X		7-27-06	Basket@50'
Water Protection	4 1/2"	1653.85'	6 1/2"	268 Cu/ft	X	<input type="checkbox"/>	7-31-06	
Coal Protection	4 1/2"	1653.85'	6 1/2"	268 Cu/ft	X	<input type="checkbox"/>	7-31-06	
Other Casing And Tubing Left In Well					<input type="checkbox"/>	<input type="checkbox"/>		
Liners					<input type="checkbox"/>	<input type="checkbox"/>		

1295	1325	30	SANDY SHALE/SAND
1325	1385	60	SAND/SANDY SHALE/SAND
1385	1415	30	SAND
1415	1445	30	SAND/SANDY SHALE/SAND
1445	1475	30	SAND/COAL/SANDY SHALE
1475	1505	30	SANDY SHALE/SAND
1505	1535	30	SAND/SANDY SHALE
1535	1565	30	SANDY SHALE
1565	1595	30	SANDY SHALE/SAND
1595	1625	30	SAND/SANDY SHALE
1625	1655	30	SANDY SHALE/SAND
1655	1685	30	SAND/SANDY SHALE/SAND
1685	1715	30	SAND/COAL/SANDY SHALE
1715	1745	30	SANDY SHALE/SAND
1745	1775	30	SANDY SHALE
1775	1805	30	SANDY SHALE/SAND
1805	1865	60	SAND/SANDY SHALE/SAND

1865.00 FT. TOTAL DEPTH
32.00 FT. OF 13 3/8" CASING
311.95 FT. OF 7" CASING
1653.85 FT. OF 4 1/2" CASING