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:	35
Company:	CNX Gas Company LLC
File Number:	BU-3127
Operations Name:	CBM T37D W/PL
Operation Type:	Coalbed/Pipeline
Drilling Report Type:	Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 7/29/2006
Date drilling completed: 8/13/2006
Driller's Total Depth (feet): 2,145
Log Total Depth (feet): 2,142
Drilling Contractor: Noah Horn Well Drilling Inc
Rig Type: ☑ Rotary ☐ Cable Tool
Coal Seam At Total Depth: Pocahontas

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

Permitted State Plane X: 1,011,874
Permitted State Plane Y: 330,373
Final Plat State Plane X: 1,011,873
Final Plat State Plane Y: 330,376
☐ Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
T37D Plat	T37D 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
T37D Exhibit A	T37D Exhibit A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
T37D Gas Show	T37D Gas Show.doc

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

List all logs run: Caliper, Gamma, 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
T37D Deviation	T37D Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
T37D Casing	T37D Casing.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/occurence.

*Circulated gel to surface ahead of cement, cement to surface on 13 3/8"

8. Drillers Log

Compiled By: Noah Horn Well Drilling Inc

List of Attached Items:

Description	FileName
T37D Drill Log	T-37D Drill Log.doc

9. Comments

10. Signature

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

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

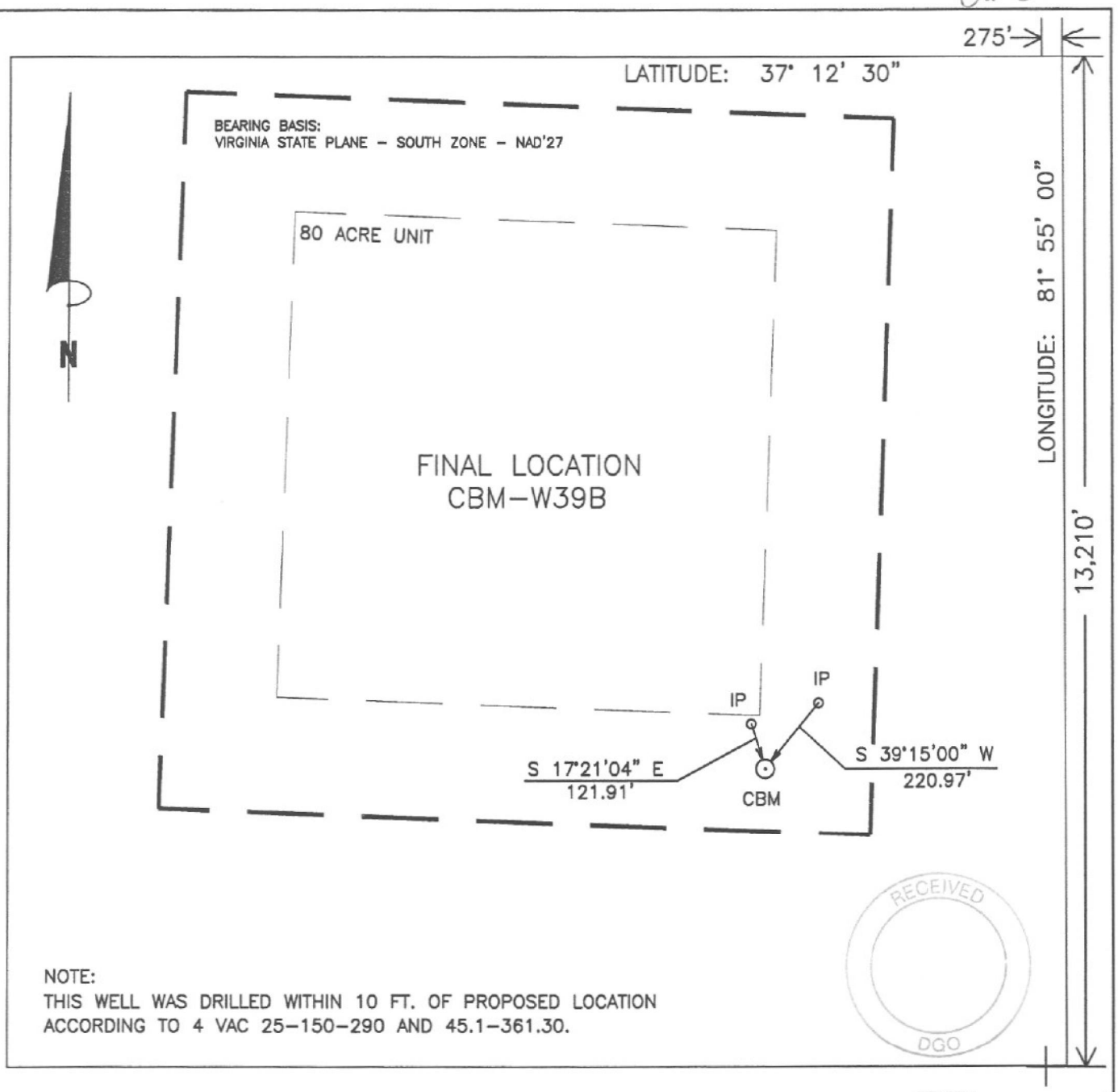
INTERNAL USE ONLY

Submit Date: 11/11/2006

Status: Inspr Approved Date: 1/18/2007

Final PDF Date: 1/31/2007

BU-3150



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

W39BFNL
PGP27/70–0601/15

WELL LOCATION PLAT

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM–W39B

TRACT NUMBER COAL MOUNTAIN MINING CO QUADRANGLE KEEN MOUNTAIN

DISTRICT: GARDEN

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 322,959.26 E 1,016,574.19

ELEVATION: 2494.01' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S

COUNTY BUCHANAN Scale: 1" = 400' Date 08–24–06

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 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)

COMMONWEALTH OF VIRGINIA
D. R. PRICE
LICENSE No.
8540
8/24/06
PROFESSIONAL ENGINEER

Form DGO–GO–7
Rev. 10/96

Exhibit A

Well Name: CBM-W39B
SURFACE ELEV: 2494.01 EASTING: 1016574.19 NORTHING: 322959.26

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	1.00	136.00	2493.01	135.00	
AL1	136.00	136.70	2358.01	0.70	
	136.70	248.90	2357.31	112.20	
RA2	248.90	249.60	2245.11	0.70	
	249.60	408.70	2244.41	159.10	
JB1	408.70	409.80	2085.31	1.10	
	409.80	447.60	2084.21	37.80	
JB2	447.60	449.80	2046.41	2.20	
	449.80	549.30	2044.21	99.50	
TI	549.30	550.00	1944.71	0.70	
	550.00	923.00	1944.01	373.00	
*GC2	923.00	924.00	1571.01	1.00	
	924.00	944.80	1570.01	20.80	
*COAL	944.80	945.50	1549.21	0.70	
	945.50	1019.50	1548.51	74.00	
*SE2	1019.50	1020.00	1474.51	0.50	
*SE3	1020.00	1020.80	1474.01	0.80	
	1020.80	1070.00	1473.21	49.20	
*LS1	1070.00	1071.00	1424.01	1.00	
*LS2	1071.00	1072.00	1423.01	1.00	
	1072.00	1121.00	1422.01	49.00	
*LS3	1121.00	1122.00	1373.01	1.00	
	1122.00	1178.80	1372.01	56.80	
*UH2	1178.80	1180.70	1315.21	1.90	
	1180.70	1234.40	1313.31	53.70	
*MH1	1234.40	1235.90	1259.61	1.50	
	1235.90	1299.00	1258.11	63.10	
*MH2	1299.00	1299.50	1195.01	0.50	
	1299.50	1342.80	1194.51	43.30	
*P11	1342.80	1343.70	1151.21	0.90	
	1343.70	1344.70	1150.31	1.00	
*COAL	1344.70	1345.10	1149.31	0.40	
	1345.10	1363.30	1148.91	18.20	
*P10	1363.30	1364.00	1130.71	0.70	
	1364.00	1432.80	1130.01	68.80	
*LH1	1432.80	1433.30	1061.21	0.50	
	1433.30	1500.40	1060.71	67.10	
*P91	1500.40	1501.90	993.61	1.50	
	1501.90	1504.90	992.11	3.00	
*COAL	1504.90	1505.10	989.11	0.20	
	1505.10	1523.00	988.91	17.90	
*COAL	1523.00	1523.60	971.01	0.60	
	1523.60	1597.60	970.41	74.00	
*P82	1597.60	1598.10	896.41	0.50	
	1598.10	1666.00	895.91	67.90	
*COAL	1666.00	1666.70	828.01	0.70	
	1666.70	1783.70	827.31	117.00	
*P62	1783.70	1783.90	710.31	0.20	
	1783.90	1810.20	710.11	26.30	
*P51	1810.20	1811.50	683.81	1.30	
	1811.50	1910.60	682.51	99.10	
*P42	1910.60	1911.20	583.41	0.60	
	1911.20	2005.98	582.81	94.78	
*P3	2005.98	2011.37	488.03	5.39	

	2011.37	2135.40	482.64	124.03
*COAL	2135.40	2136.00	358.61	0.60
	2136.00	2152.00	358.01	16.00
*P1L	2152.00	2152.70	342.01	0.70
	2152.70	2177.60	341.31	24.90
*SJ2	2177.60	2178.80	316.41	1.20
	2178.80	2313.65	315.21	134.85

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO TOPOGRAPHY
AND DUE TO THE WELL'S PROXIMITY TO WATER WELL X39-1.
GAMMA-CALIPER LOG FROM 0 TO 620.00
GAMMA-DENSITY LOG FROM 620.00 TO 2051.00
GAMMA-CALIPER LOG FROM 2051.00 TO TD.
FILE: C:\VP\APPS\W39B.CMP
DATE: 09/07/06

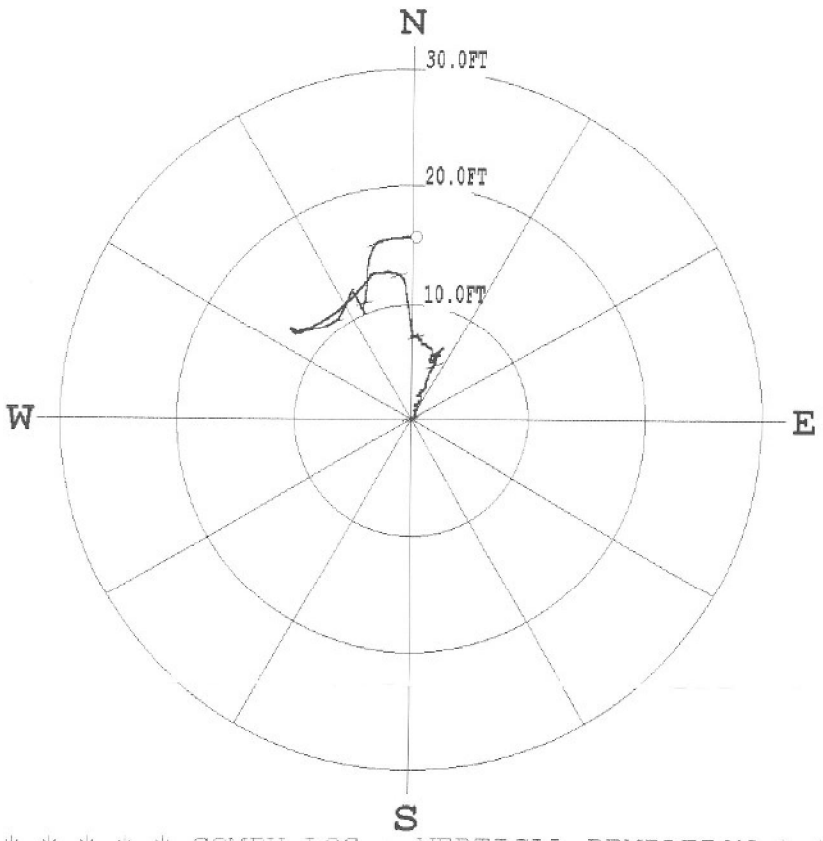
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	923	1502	579	No Show		
Pocahontas	1810	2179	369	No Show		

PLAN VIEW
COMPU-LOG DEVIATION

CLIENT: Consol Energy
LOCATION:
HOLE ID: 06-CNX-W-39-B
DATE OF LOG: 08/14/06
PROBE: 9136CA 956

MAG DECL: -6.9

SCALE: 10 FT/IN
TRUE DEPTH: 2304.00 FT
AZIMUTH: 1.2
DISTANCE: 15.6 FT
+ = 300 FT INCR
○ = BOTTOM OF HOLE



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

CLIENT	: Consol Energy	HOLE ID.	: 06-CNX-W-39-B
FIELD OFFICE	: Vansant,Va	DATE OF LOG	: 08/14/06
DATA FROM	:	PROBE	: 9136CA , 956
MAG. DECL.	: -6.900	DEPTH UNITS	: FEET

LOG: 06-CNX-W-39-B_08-14-06_14-15_9136CA_.02_-0.02_2304.82_DEVI.log

CASING AND TUBING PROGRAM

	Casing	Casing Interval	Hole Size	Cement Used In Cu/Ft	Cemented To Surface Yes	Cemented To Surface No	Date Cemented	Packers Or Bridge Plugs Kind/Size/Set
Conductor	13 3/8"	16'	15"			X	8-8-06	
Surface	9 5/8"	352.8'	12 ¼"	204 Cu/ft	X	☐	8-9-06	
Water Protection	4 ½""	2073.84'	6 ½"	317 Cu/ft	X	☐	8-14-06	
Coal Protection	4 ½""	2073.84'	6 ½"	317 Cu/ft	X	☐	8-14-06	Basket@88'
Other Casing And Tubing Left In Well	7"	619.5'	8 7/8"	130 Cu/ft	X	☐	8-10-06	
Liners					☐	☐		

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX **HOLE #: W-39B**

LOCATION: OSBORNE MTN **DRILL RIG #: 17**

DATE STARTED: 8/8/06 **DATED COMPLETED: 08-14-06**

ELECTRIC LOGGED:YES **GROUTED:YES**

DEPTH		THICKNESS	STRATA REMARKS
FROM	TO	FT	DESCRIPTION,VOIDS ETC
0	16	16	OVERBURDEN
16	35	19	SHALE
35	65	30	SHALE/SAND
65	95	30	SAND/SHALE
95	125	30	SANDY SHALE
125	155	30	SHALE/COAL/SHALE
155	185	30	SHALE/SAND
185	215	30	SANDY SHALE
215	245	30	SAND
245	275	30	SAND/COAL
275	380	105	SAND
380	390	10	SANDY SHALE
390	420	30	SANDY SHALE/COAL/SAND
420	450	30	SAND/COAL/SANDY SHALE
450	480	30	SANDY SHALE/COAL/SANDY SHALE
480	510	30	SANDY SHALE/SAND
510	540	30	SANDY SHALE
540	570	30	SANDY SHALE/COAL/SAND
570	600	30	SAND
600	630	30	SANDY SHALE
630	640	10	SHALE
640	660	20	SAND
660	690	30	SANDY SHALE/COAL/SHALE
690	720	30	SAND
720	750	30	SANDY SHALE
750	780	30	SANDY SHALE/SAND
780	810	30	SAND
810	840	30	SANDY SHALE
840	870	30	SHALE/SAND
870	900	30	SAND
900	930	30	SANDY SHALE/COAL/SHALE
930	960	30	SHALE/SAND
960	990	30	SAND/COAL/SANDY SHALE
990	1020	30	SHALE/SAND
1020	1050	30	SANDY SHALE/COAL/SHALE
1050	1080	30	SANDY SHALE/COAL/SHALE
1080	1110	30	SHALE/SAND/SANDY SHALE
1110	1140	30	SANDY SHALE/COAL/SAND
1140	1170	30	SANDY SHALE
1170	1200	30	SHALE/SAND
1200	1230	30	SANDY SHALE/COAL/SHALE
1230	1260	30	SHALE/SAND

1260	1290	30	SANDY SHALE
1290	1380	90	SANDY SHALE/SAND
1380	1410	30	SAND
1410	1440	30	SAND/SANDY SHALE
1440	1470	30	SANDY SHALE
1470	1500	30	SAND/SHALE/COAL
1500	1530	30	SANDY SHALE/COAL
1530	1560	30	SANDY SHALE
1560	1590	30	SAND
1590	1620	30	SAND/COAL
1620	1650	30	SAND
1650	1680	30	SAND/COAL
1680	1710	30	SANDY SHALE
1710	1740	30	SHALE/SAND
1740	1770	30	SANDY SHALE
1770	1800	30	SHALE/COAL/SHALE
1800	1830	30	SHALE/COAL/SAND
1830	1890	60	SAND
1890	1920	30	SANDY SHALE
1920	1950	30	SANDY SHALE/COAL/SANDY SHALE
1950	1980	30	SANDY SHALE/SAND
1980	2004	24	SAND/SHALE
2004	2011	7	COAL P-3
2011	2040	29	SHALE/COAL/SHALE
2040	2070	30	SHALE/SAND
2070	2100	30	SAND
2100	2130	30	SANDY SHALE/COAL/SHALE
2130	2160	30	SANDY SHALE/COAL
2160	2190	30	SANDY SHALE/COAL
2190	2220	30	SAND/SANDY SHALE
2220	2310	90	SANDY SHALE

2310.00 FT. TOTAL DEPTH
16.00 FT. OF 13 3/8" CASING
352.80 FT. OF 9 5/8" CASING
619.50 FT. OF 7" CASING
2073.84 FT. OF 4 ½" CASING