



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: 82
 Company: CNX Gas Company LLC
 File Number: BU-3104
 Operations Name: CBM C19A W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 8/19/2006 Drilling Contractor: Noah Horn Well Drilling Inc
 Date drilling completed: 8/22/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,490
 Log Total Depth (feet): 2,471 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 979,686 Final Plat State Plane X: 979,691
 Permitted State Plane Y: 362,743 Final Plat State Plane Y: 362,744

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
C19A Plat	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
1,980	Damp	GPM

Coal Seams

List of Attached Items:

Description	FileName
C19A Exhibit A	Exhibit A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
C19A Gas Show	C19A Gas Show.doc

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
C19A Deviation	Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
C19A Casing	C19A 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/occurrence.

8. Drillers Log

Compiled By: Noah Horn Wel Drilling Inc

List of Attached Items:

Description	FileName
C19A Drill Data	Drill Data1.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 12/9/2006 (Company)

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

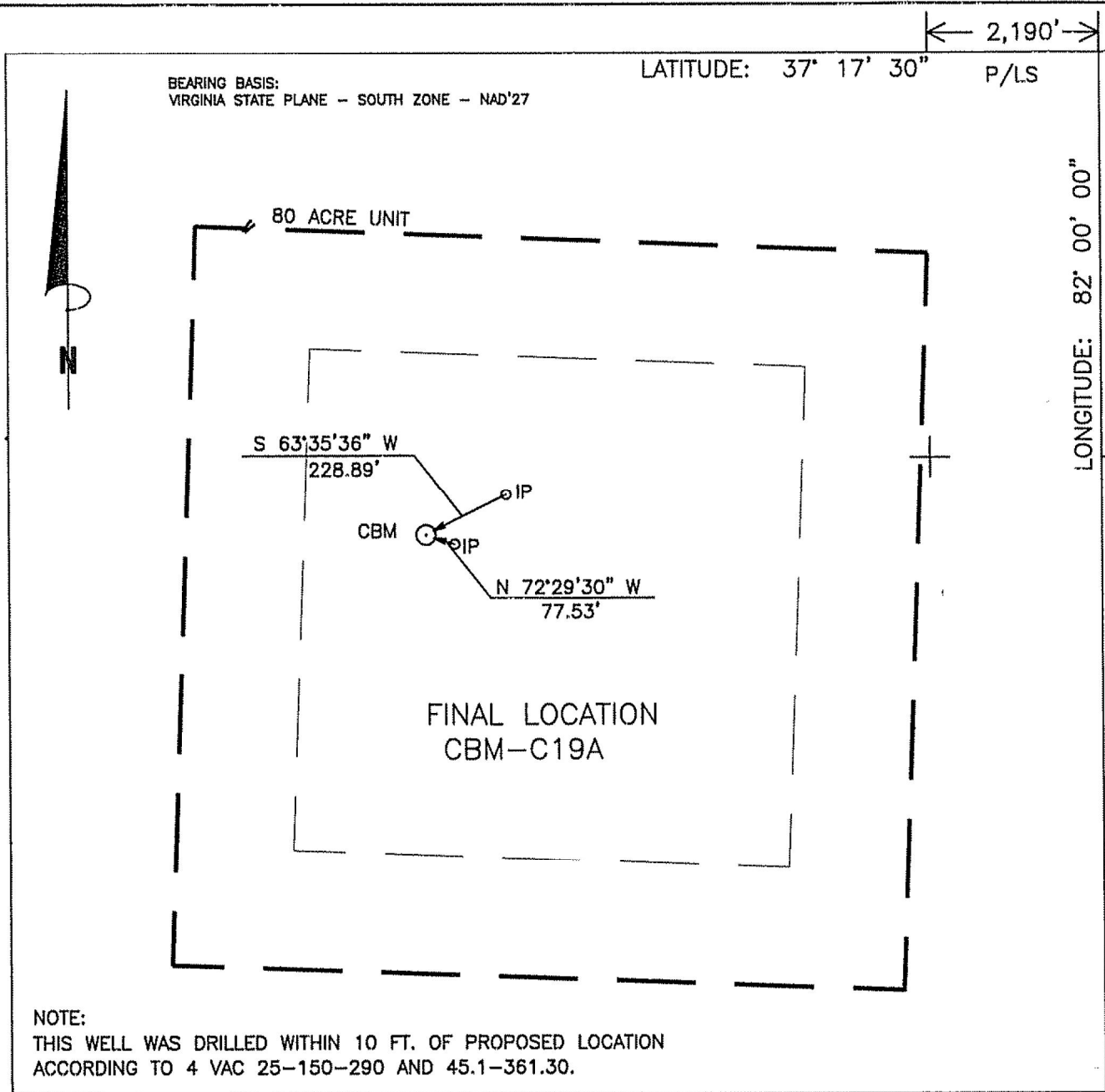
INTERNAL USE ONLY

Submit Date: 12/9/2006

Status: Inspr Approved

Date: 12/15/2006

Final PDF Date: 1/24/2007

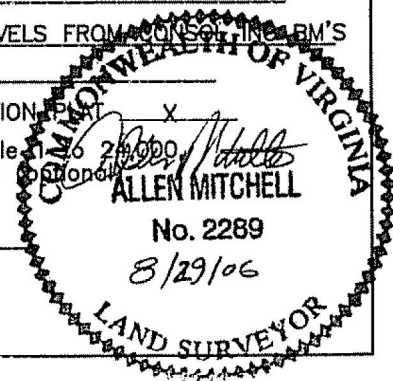


WELL LOCATION PLAT

C18AFNL
1N13/125-0802/64

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-C19A
 TRACT NUMBER BUCHANAN REALTY QUADRANGLE GRUNDY
 DISTRICT: GARDEN
 WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 362,743.77 E 979,690.56
 ELEVATION: 2314.83' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONTROL POINT
 COUNTY BUCHANAN Scale: 1" = 400' Date 08-29-06
 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 on map.



Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

Exhibit A

Well Name: CBM-C19A

SURFACE ELEV: 2314.83 EASTING: 979690.56 NORTHING: 362743.77

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	1.00	40.70	2313.83	39.70	
COAL	40.70	42.20	2274.13	1.50	
	42.20	180.90	2272.63	138.70	
COAL	180.90	181.60	2133.93	0.70	
	181.60	210.80	2133.23	29.20	
COAL	210.80	211.00	2104.03	0.20	
	211.00	350.00	2103.83	139.00	
SD1	350.00	351.20	1964.83	1.20	
	351.20	371.80	1963.63	20.60	
SD2	371.80	373.10	1943.03	1.30	
	373.10	381.00	1941.73	7.90	
COAL	381.00	382.00	1933.83	1.00	
	382.00	501.00	1932.83	119.00	
LB1	501.00	502.00	1813.83	1.00	
	502.00	703.20	1812.83	201.20	
KN2	703.20	704.80	1611.63	1.60	
	704.80	915.30	1610.03	210.50	
RA2	915.30	916.90	1399.53	1.60	
	916.90	1031.20	1397.93	114.30	
JB1	1031.20	1032.00	1283.63	0.80	
	1032.00	1062.00	1282.83	30.00	
JB3	1062.00	1063.00	1252.83	1.00	
	1063.00	1083.00	1251.83	20.00	
T2	1083.00	1084.00	1231.83	1.00	
	1084.00	1357.70	1230.83	273.70	
*GC2	1357.70	1358.20	957.13	0.50	
	1358.20	1437.50	956.63	79.30	
*SE2	1437.50	1438.00	877.33	0.50	
	1438.00	1553.20	876.83	115.20	
*UH1	1553.20	1554.00	761.63	0.80	
	1554.00	1597.00	760.83	43.00	
*UH2	1597.00	1597.30	717.83	0.30	
	1597.30	1636.80	717.53	39.50	
*MH1	1636.80	1637.70	678.03	0.90	
	1637.70	1746.50	677.13	108.80	
*P11	1746.50	1749.00	568.33	2.50	
*P10	1749.00	1750.80	565.83	1.80	
	1750.80	1835.00	564.03	84.20	
*P91	1835.00	1836.00	479.83	1.00	
	1836.00	1917.80	478.83	81.80	
*P81	1917.80	1919.50	397.03	1.70	
	1919.50	2097.00	395.33	177.50	
*P52	2097.00	2101.90	217.83	4.90	
	2101.90	2196.58	212.93	94.68	
*P3	2196.58	2196.92	118.25	0.34	
	2196.92	2471.04	117.91	274.12	

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
 COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO TOPOGRAPHY.
 GAMMA-CALIPER LOG FROM 0 TO 798.50
 GAMMA-DENSITY LOG FROM 798.50 TO TD.

FILE: C:\VP\APPS\C19A.CMP

DATE: 09/11/06

Oil & Gas Show

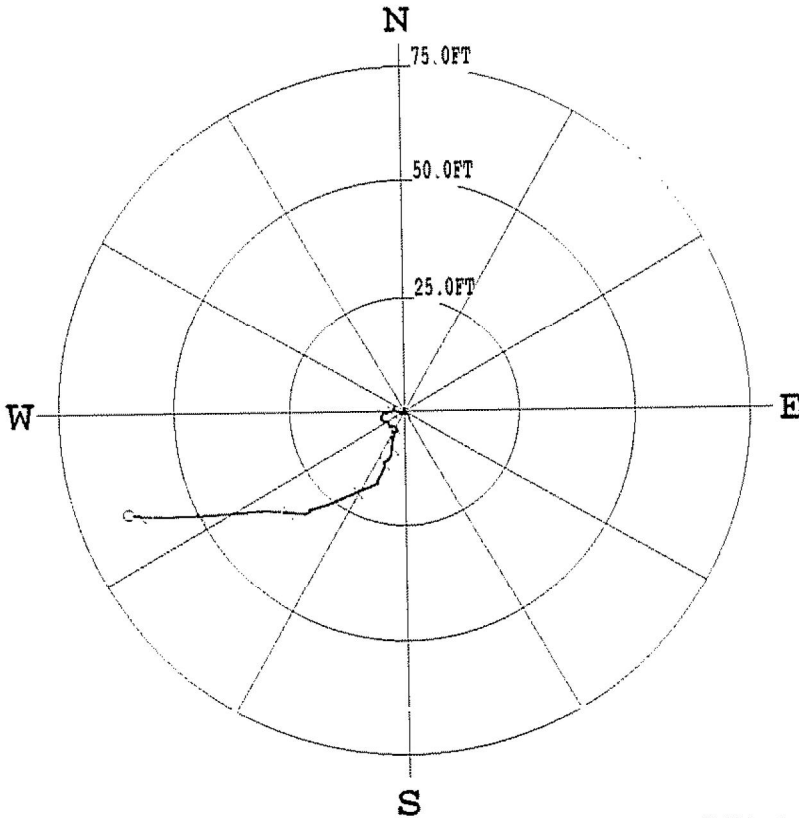
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	1746	1919	173	(See Below)		
Pocahontas	2097	2102	5	(See Below)		
Total IPF				No Show		

PLAN VIEW COMPU-LOG DEVIATION

: Consol Energy
 OH:
 D: 06-CNX-C-19-A
 F LOG: 08/23/06
 9136CA 955



SCALE: 25 FT/IN
 TRUE DEPTH: 2459.96 FT
 AZIMUTH: 249.9
 DISTANCE: 64.0 FT
 + = 300 FT INCR
 O = BOTTOM OF HOLE



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

CLIENT	: Consol Energy	HOLE ID.	: 06-CNX-C-19-A
FIELD OFFICE	: Vansant, Va	DATE OF LOG	: 08/23/06
DATA FROM	:	PROBE	: 9136CA , 955
MAG. DECL.	: -6.900	DEPTH UNITS	: FEET
LOG: 06-CNX-C-19-A_08-23-06_06-42_9136CA_.02_-0.02_2462.29_DEVI.log			

BLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
50.0	49.98	-0.73	-0.47	0.9	212.6	1.6	182.7
60.0	59.98	-0.84	-0.64	1.1	217.2	1.6	321.3
70.0	69.98	-0.57	-0.66	0.9	229.1	1.6	0.0
80.0	79.97	-0.32	-0.56	0.6	240.3	1.6	55.1
90.0	89.97	-0.23	-0.31	0.4	232.8	1.5	104.5
100.0	99.97	-0.35	-0.08	0.4	193.1	1.6	159.3
110.0	109.96	-0.49	-0.19	0.5	201.8	1.6	307.9
120.0	119.96	-0.25	-0.21	0.3	220.7	1.5	28.6
130.0	129.95	-0.31	0.00	0.3	179.2	1.6	135.8
140.0	139.95	-0.57	0.07	0.6	173.2	1.6	186.0
150.0	149.95	-0.69	-0.14	0.7	191.9	1.5	282.2
160.0	159.94	-0.55	-0.36	0.7	212.8	1.5	324.4
170.0	169.94	-0.46	-0.59	0.7	232.2	1.5	283.8

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC**COMPANY: CNX****HOLE #: C-19A****LOCATION: LOWER BIG BRANCH****DRILL RIG #: 17****DATE STARTED: 08-19-06****DATED COMPLETED: 08-22-06****ELECTRIC LOGGED: YES****GROUTED: YES**

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	12.25	12.25	OVERBURDEN/SAND STONE	
12.25	30	17.75	SHALE/COAL/SHALE	
30	60	30	SHALE/COAL/SHALE/SAND	
60	90	30	SANDY SHALE/COAL/SHALE	
90	120	30	SHALE/SAND	
120	150	30	SAND	
150	180	30	SANDY SHALE/COAL/SHALE	
180	210	30	SHALE/COAL/SHALE	
210	240	30	SHALE/SAND	
240	270	30	SAND	
270	300	30	SAND/SHALE	
300	330	30	SHALE	
330	360	30	SHALE/SAND/SHALE	
360	420	60	SHALE/COAL/SHALE	
420	450	30	SHALE/SAND	
450	480	30	SAND/SHALE	
480	510	30	SHALE	
510	540	30	SHALE/SAND/SHALE	
540	570	30	SHALE/COAL/SHALE	
570	600	30	SHALE/SAND	
600	630	30	SAND	
630	660	30	SAND/SHALE	
660	690	30	SAND	
690	720	30	SANDY SHALE/COAL	
720	810	90	SANDY SHALE	
810	825	15	SANDY SHALE/COAL	
825	840	15	SANDY SHALE	
840	870	30	SANDY SHALE/SAND	
870	900	30	SAND/SANDY SHALE	
900	930	30	SANDY SHALE/COAL/SAND	
930	960	30	SAND	
960	990	30	SAND/SANDY SHALE	
990	1020	30	SANDY SHALE	
1020	1050	30	SANDY SHALE/COAL/SAND	
1050	1080	30	SAND/COAL/SANDY SHALE	
1080	1110	30	SANDY SHALE/COAL/SANDY SHALE	
1110	1140	30	SANDY SHALE/COAL/SAND	
1140	1200	60	SAND	
1200	1230	30	SAND/SANDY SHALE	
1230	1260	30	SANDY SHALE/COAL/SANDY SHALE	
1260	1290	30	SANDY SHALE/COAL/SANDY SHALE	
1290	1320	30	SANDY SHALE	

1320	1350	30	SAND/SANDY SHALE
1350	1380	30	SANDY SHALE/COAL/SAND
1380	1410	30	SANDY SHALE
1410	1440	30	SANDY SHALE/SAND
1440	1470	30	SANDY SHALE/COAL/SAND
1470	1500	30	SAND/SANDY SHALE/SAND
1500	1530	30	SAND STONE
1530	1560	30	SANDY SHALE/COAL
1560	1590	30	SANDY SHALE
1590	1650	60	SAND/SHALE/COAL
1650	1740	90	SAND/SHALE
1740	1770	30	SAND/SHALE/COAL
1770	1800	30	SANDY SHALE/COAL
1800	1860	60	SAND/SANDY SHALE
1860	1890	30	SANDY SHALE/COAL
1890	1920	30	SAND/SANDY SHALE/COAL
1920	2040	120	SAND
2040	2070	30	SAND
2070	2100	30	SAND/COAL/SANDY SHALE
2100	2160	60	SAND/SANDY SHALE/COAL
2160	2220	60	SANDY SHALE
2220	2250	30	SANDY SHALE/P-3 @2228-2229
2250	2280	30	SANDY SHALE
2280	2310	30	SANDY SHALE
2310	2340	30	SANDY SHALE /COAL /SHALE /SAND
2340	2370	30	SAND/SANDY SHALE/SAND
2370	2430	60	SAND STONE
2430	2460	30	SAND/SANDY SHALE
2460	2490	30	RED SHALE

2490.00 FT. TOTAL DEPTH
12.25 FT. OF 13 3/8" CASING
796.50 FT. OF 7" CASING
2262.42 FT. OF 4 1/2" CASING