



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: 77
 Company: CNX Gas Company LLC
 File Number: BU-3187
 Operations Name: CBM A19A W/PL
 Operation Type: Coalbed/Pipeline
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 8/15/2006 Drilling Contractor: Noah Horn Well Drilling Inc
 Date drilling completed: 8/18/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,550
 Log Total Depth (feet): 2,521 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 980,209 Final Plat State Plane X: 980,209
 Permitted State Plane Y: 366,912 Final Plat State Plane Y: 366,912

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
A19A Plat	Plat.pdf

3. Geological Data

Fresh Water At:

Depth (in feet)	Rate	Unit of Measure
250	Damp	GPM

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
A19A Exhibit A	Exhibit A.pdf

Gas and Oil Shows

List of Attached Items:

Description	FileName
A19A Gas Show	A19A Gas Show.doc

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

List all logs run: Caliper Gamma Density Temp Deviation CBL

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
A19A Deviation	Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
A19A Casing	A19A 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 Well Drilling Inc

List of Attached Items:

Description	FileName
A19A Drill Data	Drill Data.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)

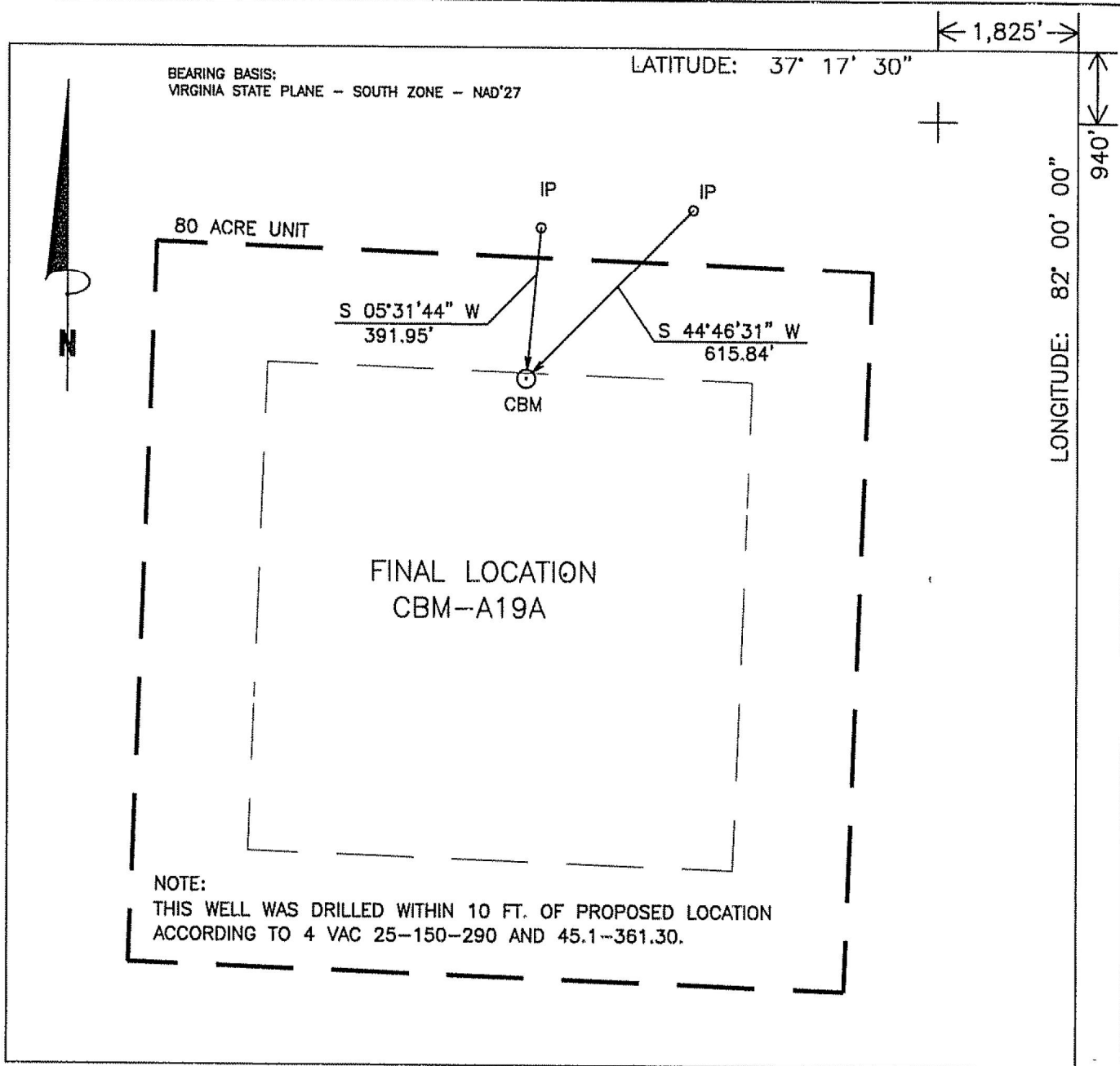
INTERNAL USE ONLY

Submit Date: 12/9/2006

Status: Inspr Approved

Date: 12/15/2006

Final PDF Date: 1/24/2007



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

A19AFNL
 1N13/116-0602/60

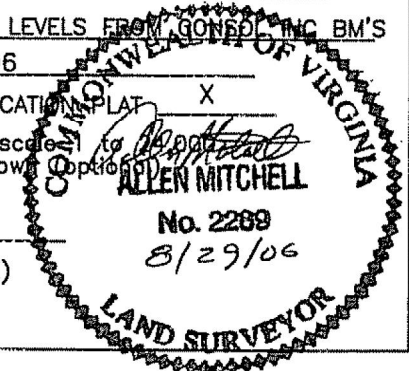
COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-A19A
 TRACT NUMBER C L RITTER QUADRANGLE GRUNDY
 DISTRICT: NORTH GRUNDY

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 366,911.14 E 980,209.01

ELEVATION: 2337.37' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM GONDOL INC BM'S
 COUNTY BUCHANAN Scale: 1" = 400' Date 08-25-06

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 to 1000'
 latitude and longitude lines being represented by border lines as shown Option



Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

Exhibit A

Well Name: CBM-A19A

SURFACE ELEV: 2337.37 EASTING: 980209.01 NORTHING: 366911.14

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
	1.00	158.90	2336.37	157.90	
NR1	158.90	159.70	2178.47	0.80	
	159.70	329.30	2177.67	169.60	
HG1	329.30	330.00	2008.07	0.70	
	330.00	361.80	2007.37	31.80	
COAL	361.80	362.50	1975.57	0.70	
	362.50	452.80	1974.87	90.30	
COAL	452.80	453.00	1884.57	0.20	
	453.00	470.80	1884.37	17.80	
SD1	470.80	471.30	1866.57	0.50	
	471.30	485.60	1866.07	14.30	
SD2	485.60	486.20	1851.77	0.60	
	486.20	491.50	1851.17	5.30	
COAL	491.50	491.70	1845.87	0.20	
	491.70	530.20	1845.67	38.50	
SD3	530.20	530.80	1807.17	0.60	
	530.80	602.90	1806.57	72.10	
LB1	602.90	603.10	1734.47	0.20	
	603.10	655.50	1734.27	52.40	
LB2	655.50	656.00	1681.87	0.50	
	656.00	801.60	1681.37	145.60	
KN1	801.60	802.70	1535.77	1.10	
KN2	802.70	803.10	1534.67	0.40	
	803.10	910.40	1534.27	107.30	
AL2	910.40	910.50	1426.97	0.10	
	910.50	1011.00	1426.87	100.50	
RA2	1011.00	1012.00	1326.37	1.00	
	1012.00	1136.80	1325.37	124.80	
JB1	1136.80	1137.90	1200.57	1.10	
	1137.90	1161.10	1199.47	23.20	
JB3	1161.10	1162.80	1176.27	1.70	
	1162.80	1180.60	1174.57	17.80	
T2	1180.60	1181.90	1156.77	1.30	
	1181.90	1223.00	1155.47	41.10	
TI	1223.00	1223.20	1114.37	0.20	
	1223.20	1526.00	1114.17	302.80	
*SE2	1526.00	1526.30	811.37	0.30	
	1526.30	1553.00	811.07	26.70	
*LS1	1553.00	1553.60	784.37	0.60	
	1553.60	1627.50	783.77	73.90	
*UH1	1627.50	1628.50	709.87	1.00	
	1628.50	1708.50	708.87	80.00	
*MH1	1708.50	1709.50	628.87	1.00	
	1709.50	1818.60	627.87	109.10	
*P11	1818.60	1820.00	518.77	1.40	
*113	1820.00	1822.00	517.37	2.00	
*P10	1822.00	1823.00	515.37	1.00	
	1823.00	1851.00	514.37	28.00	
*LH3	1851.00	1852.40	486.37	1.40	
	1852.40	1891.70	484.97	39.30	
*P91	1891.70	1892.30	445.67	0.60	
	1892.30	1907.60	445.07	15.30	
*P92	1907.60	1908.20	429.77	0.60	
	1908.20	1974.20	429.17	66.00	

*P81	1974.20	1976.00	363.17	1.80
	1976.00	2521.15	361.37	545.15

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO THE GAS
WELL'S PROXIMITY TO LICK BRANCH.
GAMMA-CALIPER LOG FROM 0 TO 221.00
GAMMA-DENSITY LOG FROM 221.00 TO TD.

FILE: C:\VP\APPS\A19A.CMP

DATE: 09/11/06

Oil & Gas Show

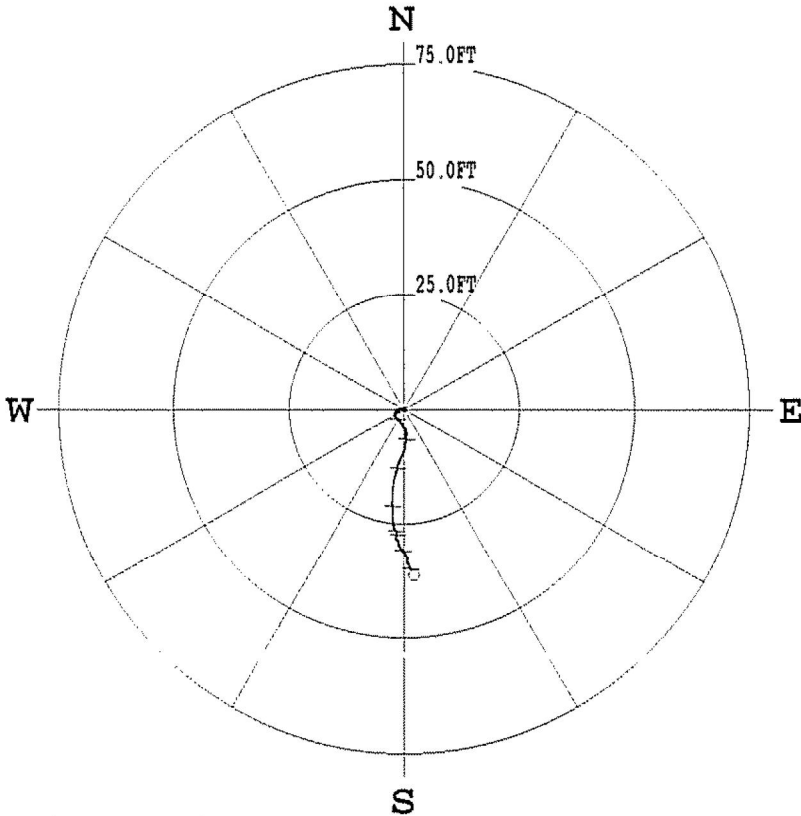
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	1627	1976	349	Not Taken		
Pocahontas	N/A	N/A	N/A	Not Taken		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: Consol Energy
 LOCATION:
 HOLE ID: 06-CNK-A-19-A
 DATE OF LOG: 08/18/06
 PROBE: 9136CA 955



SCALE: 25 FT/IN
 TRUE DEPTH: 2508.68 FT
 AZIMUTH: 176.6
 DISTANCE: 36.2 FT
 + = 300 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : Consol Energy	HOLE ID. : 06-CNK-A-19-A
FIELD OFFICE : Vansant, Va	DATE OF LOG : 08/18/06
DATA FROM :	PROBE : 9136CA , 955
MAG. DECL. : -6.900	DEPTH UNITS : FEET
LOG: 06-CNK-A-19-A_08-18-06_16-07_9136CA_.02_-0.02_2509.37_DEVI.log	

TABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
50.0	49.99	-0.07	-0.37	0.4	259.0	1.3	243.0
60.0	59.99	-0.09	-0.59	0.6	261.3	1.2	273.7
70.0	69.98	-0.08	-0.81	0.8	264.3	1.3	252.0
80.0	79.98	-0.24	-0.95	1.0	255.9	1.3	218.8
90.0	89.98	-0.37	-1.12	1.2	251.7	1.2	244.2
100.0	99.98	-0.34	-1.32	1.4	255.6	1.2	297.6
110.0	109.97	-0.22	-1.29	1.3	260.4	1.6	98.4
120.0	119.97	-0.41	-1.12	1.2	250.0	1.4	150.8
130.0	129.97	-0.64	-1.07	1.2	239.0	1.4	180.3
140.0	139.97	-0.82	-1.16	1.4	234.6	1.2	228.6
150.0	149.96	-0.89	-1.34	1.6	236.6	1.1	261.3
160.0	159.96	-0.76	-1.47	1.7	242.5	1.3	3.1

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: A-19A

LOCATION: LOWER BIG BRANCH

DRILL RIG #: 17

DATE STARTED: 08-15-06

DATED COMPLETED: 08-18-06

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	28	28		
28	30	2		SHALE
30	60	30		SHALE/COAL/SHALE
60	90	30		SHALE/SAND
90	120	30		SAND/SANDY SHALE
120	150	30		SHALE/SAND
150	180	30		SAND
180	210	30		SANDY SHALE/SAND
210	240	30		SAND
240	300	60		SANDY SHALE
300	330	30		SANDY SHALE/COAL/SAND
330	420	90		SAND
420	480	60		SAND/COAL/SANDY SHALE
480	510	30		SAND
510	540	30		SAND/COAL
540	570	30		SAND/SANDY SHALE
570	600	30		SAND/SANDY SHALE
600	630	30		SAND/SHALE
630	660	30		SAND/SHALE/COAL
660	780	120		SAND
780	810	30		SAND/COAL
810	840	30		SANDY SHALE
840	870	30		SANDY SHALE/SAND
870	900	30		SANDY SHALE
900	930	30		SHALE/COAL/SHALE
930	960	30		SHALE/SAND
960	990	30		SAND
990	1020	30		SANDY SHALE/COAL/SHALE
1020	1050	30		SHALE/SAND
1050	1080	30		SAND
1080	1110	30		SAND/SANDY SHALE
1110	1140	30		SANDY SHALE/COAL/SANDY SHALE
1140	1170	30		SAND/COAL/SANDY SHALE
1170	1200	30		SANDY SHALE /SAND /COAL /SANDY SHALE
1200	1230	30		SANDY SHALE/COAL/SHALE
1230	1260	30		SHALE/COAL/SANDY SHALE
1260	1290	30		SANDY SHALE/SAND
1290	1350	60		SAND
1350	1380	30		SAND
1380	1410	30		SAND/SANDY SHALE
1410	1440	30		SANDY SHALE
1440	1470	30		SANDY SHALE/COAL/SAND

1470	1500	30	SAND/SHALE
1500	1530	30	SHALE/COAL/SHALE/SAND
1530	1560	30	SANDY SHALE
1560	1590	30	SAND/SHALE/COAL
1590	1620	30	SANDY SHALE
1620	1650	30	SAND/SHALE/COAL
1650	1680	30	SAND/SANDY SHALE/COAL
1680	1710	30	SANDY SHALE
1710	1740	30	SANDY SHALE/SAND
1740	1770	30	SANDY SHALE/STREAKY
1770	1800	30	SANDY SHALE
1800	1830	30	SANDY SHALE/COAL/SAND
1830	1860	30	SAND/COAL
1860	1890	30	SAND/SANDY SHALE/COAL
1890	1950	60	SANDY SHALE/STREAKY
1950	1980	30	SANDY SHALE/COAL
1980	2010	30	SANDY SHALE/SAND
2010	2040	30	SAND
2040	2100	60	SAND STONE
2100	2160	60	SAND STONE
2160	2190	30	SAND/COAL/SANDY SHALE
2190	2220	30	SANDY SHALE/COAL/SANDY SHALE
2220	2250	30	SANDY SHALE/SAND
2250	2280	30	SANDY SHALE
2280	2281	1	P-3 COAL/SHALE
2281	2310	29	SHALE/SAND
2310	2340	30	SHALE
2340	2370	30	SHALE/SAND/SHALE
2370	2490	120	SAND
2490	2520	30	SANDY SHALE/SAND
2520	2550	30	SAND/RED ROCK

2550.00 FT. TOTAL DEPTH
28.65 FT. OF 13 3/8" CASING
221.00 FT. OF 7" CASING
2355.77 FT. OF 4 1/2" CASING