



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: 261
 Company: CNX Gas Company LLC
 File Number: BU-3191
 Operations Name: CBM YYY20A
 Operation Type: Coal Bed
 Drilling Report Type: Original

DRILLING REPORT (DGO-GO-14)

1. Drilling Data

Date drilling commenced: 10/30/2006 Drilling Contractor: Noah Horn
 Date drilling completed: 11/3/2006 Rig Type: Rotary Cable Tool
 Driller's Total Depth (feet): 2,620
 Log Total Depth (feet): 2,562 Coal Seam At Total Depth Pocahontas

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

Permitted State Plane X 981,822 Final Plat State Plane X: 981,824
 Permitted State Plane Y: 370,305 Final Plat State Plane Y: 370,311

Plat Previously Submitted Or...

List of Attached Items:

Description	FileName
Plat	YYY20A Plat.pdf

3. Geological Data

Fresh Water At:

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

Salt Water At:

Depth (in feet)	Rate	Unit of Measure
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Coal Seams

List of Attached Items:

Description	FileName
Exhibit A	YYY20A_R Exhibit A.doc

Gas and Oil Shows

List of Attached Items:

Description	FileName
Gas Show	YYY20AGas 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
Deviation	YYY20A Deviation.pdf

6. Casing and Tubing Program

List of Attached Items:

Description	FileName
Casing	YYY20ACasing.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.

Mine void 120' - 128' cemented 9 5/8" on backside to surface

8. Drillers Log

Compiled By: Noah Horn

List of Attached Items:

Description	FileName
Drill Data	YYY20A Drill Data.pdf

9. Comments

10. Signature

Permitee: CNX Gas Company LLC Date: 4/2/2007 (Company)

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

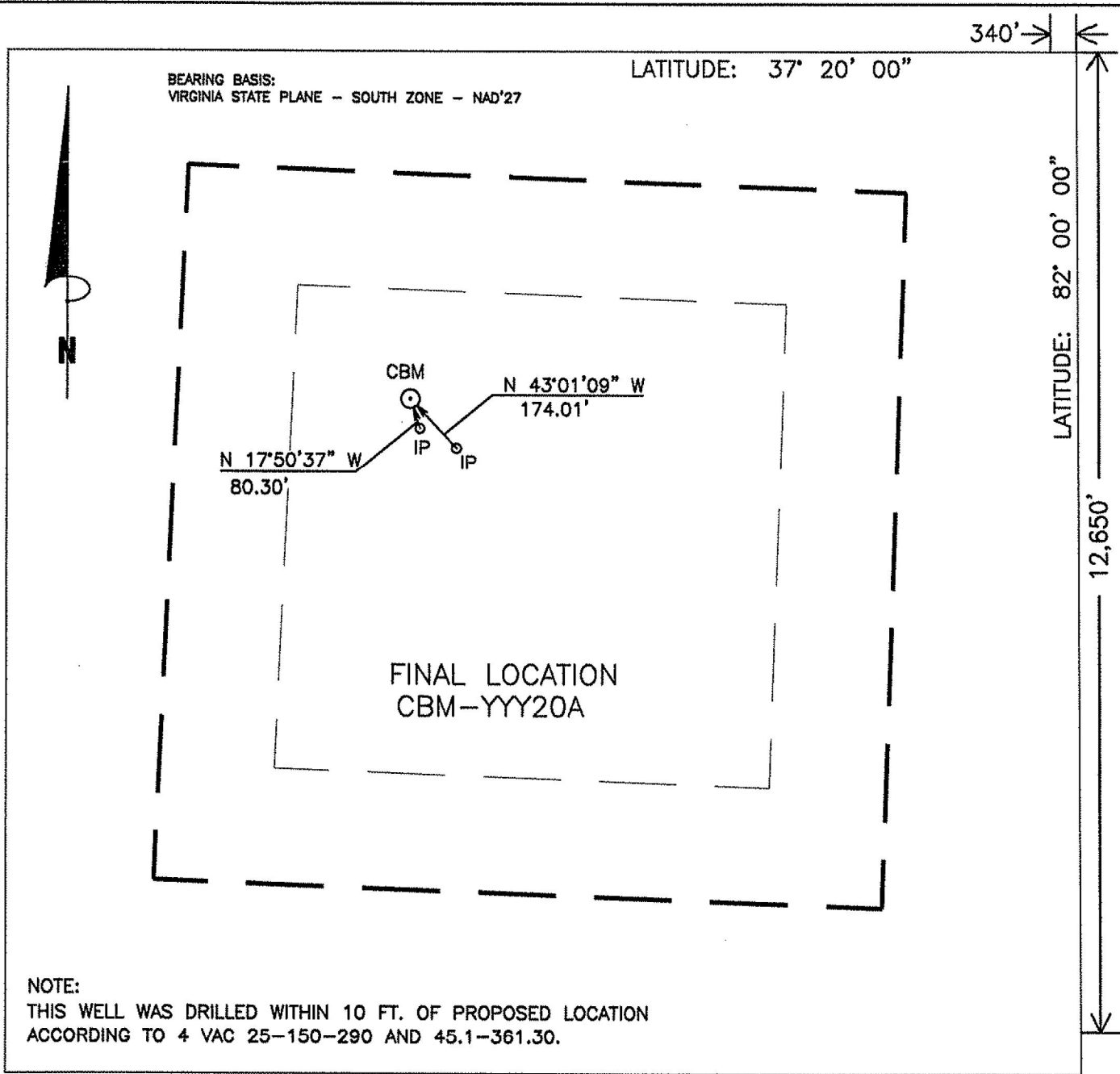
INTERNAL USE ONLY

Submit Date: 4/2/2007

Status: Inspr Approved

Date: 4/27/2007

Final PDF Date: 6/5/2007



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

YYY20AFNL
 1N14/43-556/22

COMPANY CNX GAS COMPANY, LLC. WELL NAME OR NUMBER CBM-YYY20A
 TRACT NUMBER K FIELDS ETAL QUADRANGLE GRUNDY
 DISTRICT: NORTH GRUNDY

WELL COORDINATES (VIRGINIA STATE PLANE): STATE PLANE: N 370,311.29 E 981,824.03

ELEVATION: 2372.04' METHOD USED TO DETERMINE ELEVATION: BY TRIG. LEVELS FROM CONSOL INC BM'S
 COUNTY BUCHANAN Scale: 1" = 400' Date 11-04-06

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" = 24,000, latitude and longitude lines being represented by border lines as shown (optional). D. R. PRICE

D.R. Price

Licensed Professional Engineer or Licensed Land Surveyor (Affix Seal)

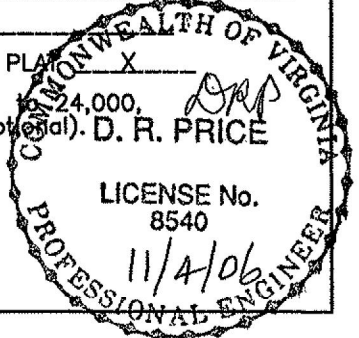


Exhibit A

Well Name: 06-CNX-YYY-20A REVISED
 SURFACE ELEV: 2372.04 EASTING: 981824.03 NORTHING: 370311.29

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
COAL	100.40	100.60	2271.64	0.20	
	100.60	120.00	2271.44	19.40	
DR	120.00	128.30	2252.04	8.30	MINED OUT
	128.30	131.80	2243.74	3.50	
COAL	131.80	133.50	2240.24	1.70	
	133.50	133.80	2238.54	0.30	
COAL	133.80	134.20	2238.24	0.40	
	134.20	163.40	2237.84	29.20	
COAL	163.40	163.70	2208.64	0.30	
	163.70	234.10	2208.34	70.40	
COAL	234.10	234.60	2137.94	0.50	
	234.60	257.80	2137.44	23.20	
NR1	257.80	258.30	2114.24	0.50	
	258.30	390.50	2113.74	132.20	
COAL	390.50	390.80	1981.54	0.30	
	390.80	397.00	1981.24	6.20	
COAL	397.00	397.20	1975.04	0.20	
	397.20	430.00	1974.84	32.80	
HG1	430.00	430.80	1942.04	0.80	
	430.80	464.70	1941.24	33.90	
COAL	464.70	465.30	1907.34	0.60	
	465.30	549.90	1906.74	84.60	
COAL	549.90	550.10	1822.14	0.20	
	550.10	551.90	1821.94	1.80	
COAL	551.90	552.30	1820.14	0.40	
	552.30	575.60	1819.74	23.30	
SD1	575.60	577.30	1796.44	1.70	
	577.30	587.80	1794.74	10.50	
SD2	587.80	588.60	1784.24	0.80	
	588.60	596.00	1783.44	7.40	
COAL	596.00	596.60	1776.04	0.60	
	596.60	624.00	1775.44	27.40	
SD3	624.00	624.55	1748.04	0.55	
	624.55	693.70	1747.49	69.15	
LB1	693.70	694.10	1678.34	0.40	
	694.10	751.00	1677.94	56.90	
LB2	751.00	751.80	1621.04	0.80	
	751.80	893.90	1620.24	142.10	
KN2	893.90	895.20	1478.14	1.30	
	895.20	895.60	1476.84	0.40	
COAL	895.60	896.20	1476.44	0.60	
	896.20	998.70	1475.84	102.50	
COAL	998.70	998.90	1373.34	0.20	
	998.90	1005.40	1373.14	6.50	
COAL	1005.40	1005.50	1366.64	0.10	
	1005.50	1099.30	1366.54	93.80	
RA2	1099.30	1100.80	1272.74	1.50	

	1100.80	1218.40	1271.24	117.60
JB3	1218.40	1219.00	1153.64	0.60
	1219.00	1254.90	1153.04	35.90
T2	1254.90	1257.40	1117.14	2.50
	1257.40	1258.70	1114.64	1.30
T1	1258.70	1259.60	1113.34	0.90
	1259.60	1260.40	1112.44	0.80
COAL	1260.40	1261.00	1111.64	0.60
	1261.00	1296.40	1111.04	35.40
COAL	1296.40	1296.70	1075.64	0.30
	1296.70	1527.60	1075.34	230.90
GC2	1527.60	1527.70	844.44	0.10
	1527.70	1609.70	844.34	82.00
*SE2	1609.70	1610.30	762.34	0.60
	1610.30	1632.70	761.74	22.40
*LS1	1632.70	1633.40	739.34	0.70
	1633.40	1725.10	738.64	91.70
*UH1	1725.10	1726.40	646.94	1.30
	1726.40	1726.90	645.64	0.50
*UH1	1726.90	1727.60	645.14	0.70
	1727.60	1794.00	644.44	66.40
*MH1	1794.00	1794.70	578.04	0.70
	1794.70	1796.40	577.34	1.70
*COAL	1796.40	1796.50	575.64	0.10
	1796.50	1889.60	575.54	93.10
*P11	1889.60	1891.00	482.44	1.40
	1891.00	1900.70	481.04	9.70
*113	1900.70	1901.10	471.34	0.40
	1901.10	1902.00	470.94	0.90
*COAL	1902.00	1902.20	470.04	0.20
	1902.20	1902.70	469.84	0.50
*COAL	1902.70	1902.90	469.34	0.20
	1902.90	1905.00	469.14	2.10
*P10	1905.00	1906.00	467.04	1.00
	1906.00	1929.00	466.04	23.00
*LH3	1929.00	1930.20	443.04	1.20
	1930.20	1986.10	441.84	55.90
*P92	1986.10	1987.00	385.94	0.90
	1987.00	2055.00	385.04	68.00
*P81	2055.00	2057.10	317.04	2.10
	2057.10	2270.60	314.94	213.50
*COAL	2270.60	2271.00	101.44	0.40
	2271.00	2272.00	101.04	1.00
*P41	2272.00	2273.00	100.04	1.00
	2273.00	2274.50	99.04	1.50
*P42	2274.50	2275.50	97.54	1.00
	2275.50	2332.40	96.54	56.90
*P3	2332.40	2335.40	39.64	3.00
	2335.40	2374.00	36.64	38.60
*P01	2374.00	2374.20	-1.96	0.20
	2374.20	2377.70	-2.16	3.50
*COAL	2377.70	2377.80	-5.66	0.10
	2377.80	2561.51	-5.76	183.71

COAL SEAMS TO BE STIMULATED WERE ADJUSTED DUE TO TOPOGRAPHY.
GAMMA-CALIPER LOG FROM 0 TO 287.00
GAMMA-DENSITY LOG FROM 287.00 TO TD.

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
FILE: D:\PROJECTS\VP_JJK\GAS\YYY20A.CMP
DATE: 03/02/07

Oil & Gas Show

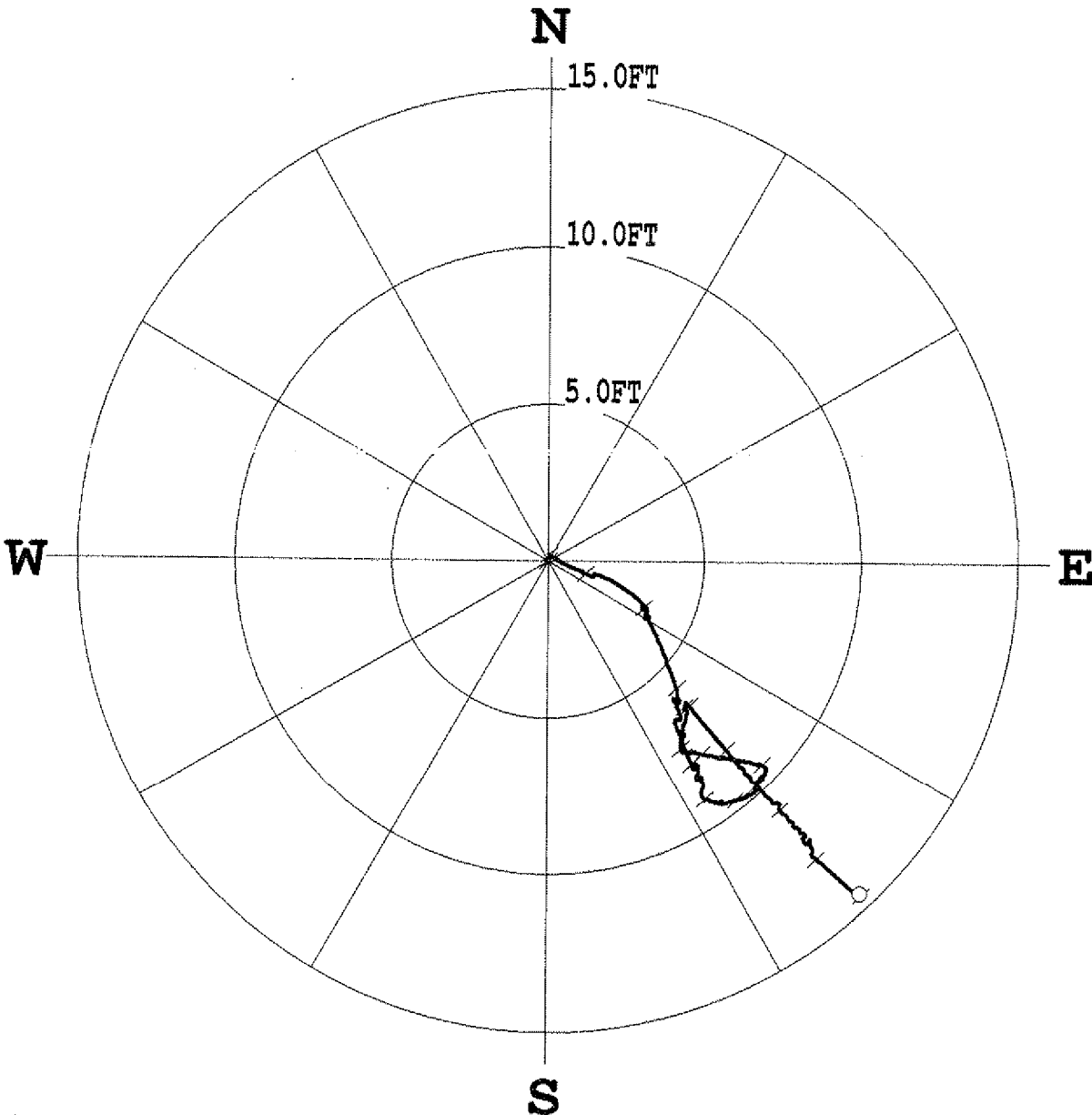
FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Lee/Norton	1725	2057	332			
Pocahontas	2272	2335	63			
TOTAL				NO SHOW		

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: CONSOL ENERGY
 LOCATION: -
 HOLE ID: 06-CNX-YYY-20A
 DATE OF LOG: 11/02/06
 PROBE: 9136CH 1244



SCALE: 5 FT/IN
 TRUE DEPTH: 2560.83 FT
 AZIMUTH: 136.4
 DISTANCE: 14.5 FT
 + = 150 FT INCR
 ○ = BOTTOM OF HOLE



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

CLIENT	: CONSOL ENERGY	HOLE ID.	: 06-CNX-YYY-20
FIELD OFFICE	: O'DRISCOLL	DATE OF LOG	: 11/02/06
DATA FROM	: -	PROBE	: 9136CH , 1244
MAG. DECL.	: -7.100	DEPTH UNITS	: FEET
LOG: 06-CNX-YYY-20A	11-02-06 23-53	9136CH	10 0 00 2561.10 DEVI 14.5

DRILL DATA HOLE-NOAH HORN WELL DRILLING, INC

COMPANY: CNX

HOLE #: YYY-20A

LOCATION: WHITE OAK, VA

DRILL RIG #: 17

DATE STARTED: 10-30-06

DATED COMPLETED: 11-03-06

ELECTRIC LOGGED: YES

GROUTED: YES

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT	DESCRIPTION, VOIDS ETC	
0	18.8	18.8	OVERBURDEN	
18.8	40	21.20	SAND	
40	100	60	SAND/SHALE	
100	127	27	SAND/SHALE/COAL	
127	137	10	VOID	
137	160	23	COAL/SHALE/SAND	
160	220	60	SAND/SHALE	
220	280	60	SAND/SHALE/COAL	
280	300	20	SAND/SHALE	
300	305	5	SAND	
305	335	30	SAND/SHALE/COAL	
335	365	30	SAND/SHALE	
365	395	30	SHALE	
395	425	30	SAND/SHALE/COAL	
425	515	90	SAND/SHALE	
515	545	30	SANDY SHALE/SHALE	
545	635	90	SAND/SHALE/COAL	
635	665	30	SAND	
665	690	25	SAND/SHALE/COAL	
690	720	30	SAND/SANDY SHALE	
720	750	30	SANDY SHALE/COAL/SAND	
750	780	30	SANDY SHALE	
780	810	30	SAND/SANDY SHALE	
810	840	30	SANDY SHALE/COAL/SANDY SHALE	
840	870	30	SANDY SHALE/SAND	
870	900	30	SANDY SHALE/COAL/SAND	
900	930	30	SAND STONE	
930	960	30	SAND/SANDY SHALE	
960	990	30	SANDY SHALE	
990	1020	30	SANDY SHALE/COAL/SANDY SHALE	
1020	1050	30	SANDY SHALE/SAND	
1050	1080	30	SAND/SANDY SHALE	
1080	1110	30	SANDY SHALE/COAL/SAND	
1110	1140	30	SAND/SANDY SHALE	
1140	1200	60	SANDY SHALE	
1200	1230	30	SANDY SHALE/COAL/SAND	
1230	1260	30	SAND/COAL/SANDY SHALE	
1260	1290	30	SANDY SHALE/COAL/SANDY SHALE	
1290	1320	30	SANDY SHALE/COAL/SAND	
1320	1350	30	SAND/SANDY SHALE	
1350	1380	30	SANDY SHALE	
1380	1410	30	SANDY SHALE/SAND	

1410	1440	30	SANDY SHALE/COAL/SAND
1440	1470	30	SAND/SANDY SHALE
1470	1500	30	SANDY SHALE
1500	1530	30	SAND/SHALE/COAL
1530	1590	60	SAND/SHALE
1590	1650	60	SAND/SHALE/COAL
1650	1710	60	SAND/SHALE
1710	1740	30	SAND/SHALE/COAL
1740	1770	30	SAND/SHALE
1770	1800	30	SAND/SHALE/COAL
1800	1830	30	SAND/SHALE
1830	1890	60	SAND
1890	1950	60	SAND/SHALE/COAL
1950	1980	30	SAND/SHALE
1980	2010	30	SAND/SHALE/COAL
2010	2040	30	SAND/SHALE
2040	2070	30	SAND/SHALE/COAL
2070	2190	120	SAND
2190	2220	30	SAND STONE
2220	2250	30	SAND/SANDY SHALE
2250	2280	30	SANDY SHALE/SAND
2280	2310	30	SAND/SANDY SHALE
2310	2340	30	SAND/COAL/SANDY SHALE P-3 2328 TO 2331
2340	2370	30	SAND/SANDY SHALE
2370	2400	30	SAND STONE
2400	2430	30	SAND/SANDY SHALE/SAND
2430	2460	30	SANDY SHALE/SAND
2460	2490	30	SAND/SANDY SHALE
2490	2520	30	SANDY SHALE
2520	2550	30	SANDY SHALE/SAND
2550	2580	30	SAND/SHALE
2580	2620	40	GREEN & RED SHALE

2620.00 FT. TOTAL DEPTH
18.80 FT. OF 13 3/8" CASING
264.00 FT. OF 9 5/8" CASING
2412.51 FT. OF 4 1/2" CASING