

Gas and Oil Shows

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Pocahontas	934'	2682.7'	1748.7'			

Cuttings or samples: _____ are are not available for examination by a member of the Virginia Division of Mineral Resources

Cuttings or samples: _____ have have not been furnished to the Virginia Division of Mineral Resources

ELECTRIC LOGS AND SURVEYS

List logs ran on wellbore: Gamma, Caliper, Resistivity

Did logs disclose vertical location of a coal seam? Yes _____ No

SURVEY RESULTS

Depth Of Survey	Direction/Distance/ Degrees From True Vertical	Depth Of Survey	Direction/Distance Degrees From True Vertical

Use additional sheets as necessary

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	12 3/4"	0-20'	15"					
Surface	12 3/4"	0-20'	15"					
Water Protection	4 1/2"	0-2670.77'	6 1/2"	220	X		10-15-98	
Coal Protection	4 1/2"	0-2670.77'	6 1/2"	220	X		10-15-98	
Other Casing And Tubing Left In Well								
Liners	7"	0-967.75'	8 3/4"	150	X		10-13-98	Basket at 129.00'

REMARKS: Shut down fishing jobs, depths and dates, caving, lost circulation, etc.: _____
 Fished out 8 1/2" bit at 295' on 10-12-98, basket set at 129.00'

Permittee: Pocahontas Gas Partnership (Company)

By: *Susan [Signature]* (Signature)

11,900'

LATITUDE: 37° 15' 00"

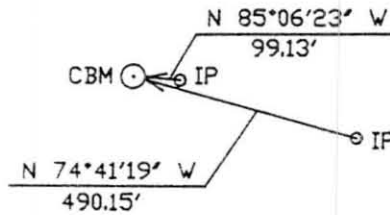
BEARING BASIS:
VIRGINIA STATE PLANE - SOUTH ZONE - NAD'27
ELEVATIONS:
BY TRIG. LEVELS FROM CONSOL INC BM'S



LONGITUDE: 81° 47' 30"

12,240'

80 ACRE UNIT



FINAL LOCATION
CBM-PGP-046

COORDINATES OF WELL:
STATE PLANE N 338,625.21 E 1,029,777.72

WELL LOCATION PLAT

PGP 046FNL
CON6/173 - 9808/03

Company POCAHONTAS GAS PARTNERSHIP Well Name and Number CBM-PGP-046
 Tract No. C. A. CLYBORNE Elevation 2875.95 Quadrangle JEWELL RIDGE
 County BUCHANAN District GARDEN Scale: 1" = 400' Date 10-13-98

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 to 24,000, latitude and longitude lines being represented by border lines as shown.

D.R. Price

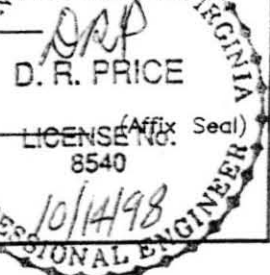


Exhibit A

Well Name: 98-PGP-O46

SURFACE ELEV: 2875.95 EASTING: 1029777.72 NORTHING: 338625.21

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
SE2	1374.20	1375.00	1501.75	0.80	
	1375.00	1416.60	1500.95	41.60	
LS1	1416.60	1417.70	1459.35	1.10	
	1417.70	1468.90	1458.25	51.20	
LS3	1468.90	1469.40	1407.05	0.50	
	1469.40	1499.40	1406.55	30.00	
UH1	1499.40	1500.10	1376.55	0.70	
	1500.10	1537.40	1375.85	37.30	
UH2	1537.40	1539.00	1338.55	1.60	
	1539.00	1555.00	1336.95	16.00	
UH3	1555.00	1557.00	1320.95	2.00	
	1557.00	1615.00	1318.95	58.00	
MH1	1615.00	1616.60	1260.95	1.60	
	1616.60	1681.10	1259.35	64.50	
MH2	1681.10	1682.20	1194.85	1.10	
	1682.20	1713.90	1193.75	31.70	
P11	1713.90	1716.30	1162.05	2.40	
	1716.30	1739.00	1159.65	22.70	
P10	1739.00	1740.00	1136.95	1.00	
	1740.00	1813.30	1135.95	73.30	
LH2	1813.30	1814.30	1062.65	1.00	
	1814.30	1919.00	1061.65	104.70	
P93	1919.00	1920.30	956.95	1.30	
	1920.30	2148.10	955.65	227.80	
P61	2148.10	2149.30	727.85	1.20	
	2149.30	2158.40	726.65	9.10	
P62	2158.40	2159.00	717.55	0.60	
	2159.00	2189.30	716.95	30.30	
P51	2189.30	2190.50	686.65	1.20	
	2190.50	2346.30	685.45	155.80	
P31	2346.30	2347.80	529.65	1.50	
	2347.80	2376.00	528.15	28.20	
P3	2376.00	2376.50	499.95	0.50	
	2376.50	2377.40	499.45	0.90	
P3	2377.40	2381.50	498.55	4.10	
	2381.50	2676.00	494.45	294.50	

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
 NO GEOPHYSICAL LOG FROM 0 TO 950 FT
 FILE: C:\GAS\O46.CMP
 DATE: 10/28/98

DRILL DATA HOLE - NOAH HORN WELL DRILLING, INC.

COMPANY: PGP

HOLE NO.: O-46

LOCATION: BUCHANAN COUNTY

DRILL: #38

DATE STARTED: 10-12-98

ELECTRIC LOGGED: Yes

DATE COMPLETED: 10-15-98

GROUTED: Yes

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC.
0.00	20.00	20.00	OVERBURDEN	15" HOLE
20.00	115.00	95.00	SANDSTONE	12 3/4" CASING
115.00	145.00	30.00	S W/ SH & COAL STRKS.	8 3/4" HOLE
145.00	205.00	60.00	SANDY SHALE W/ COAL STREAKS	
205.00	265.00	60.00	SANDY SHALE W/ SAND STREAKS	
265.00	325.00	60.00	SANDY SHALE	
325.00	355.00	30.00	SANDY SHALE W/ SAND	
355.00	385.00	30.00	SAND W/ SANDY SHALE	
385.00	445.00	60.00	SANDY SHALE	
445.00	475.00	30.00	SANDY SHALE W/ SAND & SSH	
475.00	505.00	30.00	SANDSTONE	
505.00	535.00	30.00	SAND W/ SANDY SHALE	
535.00	565.00	30.00	SANDY SHALE	
565.00	595.00	30.00	SANDY SHALE W/ COAL & SAND	
595.00	625.00	30.00	SAND W/ COAL & SANDY SHALE	
625.00	655.00	30.00	SANDY SHALE W/ SAND & COAL	
655.00	685.00	30.00	SAND W/ SANDY SHALE	
685.00	715.00	30.00	SANDY SHALE W/ SAND	
715.00	745.00	30.00	SANDSTONE	
745.00	775.00	30.00	SAND W/ SANDY SHALE	
775.00	805.00	30.00	SANDY SHALE W/ SAND	
805.00	835.00	30.00	SAND W/ COAL & SAND	
835.00	865.00	30.00	SHALE W/ SAND & COAL STREAKS	
865.00	895.00	30.00	SANDY SHALE W/ COAL STREAKS	
895.00	975.00	80.00	SANDY SHALE	7" CASING
975.00	1057.00	82.00	SANDY SHALE	6 1/2" HOLE
1057.00	1087.00	30.00	SANDY SHALE W/ SAND	
1087.00	1147.00	60.00	SANDSTONE	
1147.00	1177.00	30.00	SAND W/ SANDY SHALE	
1177.00	1207.00	30.00	SANDY SHALE	
1207.00	1215.00	8.00	SANDSTONE	
1215.00	1357.00	142.00	SANDY SHALE	

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC.
1357.00	1417.00	60.00	SANDY SHALE W/ COAL STREAKS	
1417.00	1447.00	30.00	SANDY SHALE	
1447.00	1567.00	120.00	SANDY SHALE W/ COAL STREAKS	
1567.00	1597.00	30.00	SANDY SHALE	
1597.00	1627.00	30.00	SANDY SHALE W/ COAL STREAKS	
1627.00	1657.00	30.00	SHALE W/ SAND STREAKS	
1657.00	1687.00	30.00	SHALE	
1687.00	1717.00	30.00	SHALE W/ SAND & COAL STREAKS	
1717.00	1747.00	30.00	SANDY SHALE W/ COAL STREAKS	
1747.00	1777.00	30.00	SAND W/ SANDY SHALE STREAKS	
1777.00	1807.00	30.00	SANDY SHALE W/ SHALE STREAKS	
1807.00	1837.00	30.00	SANDY SHALE W/ COAL STREAKS	
1837.00	1897.00	60.00	SANDY SHALE W/ SAND STREAKS	
1897.00	1927.00	30.00	SANDY SHALE W/ COAL STREAKS	
1927.00	1957.00	30.00	SANDY SHALE	
1957.00	2017.00	60.00	SHALE W/ SAND STREAKS	
2017.00	2047.00	30.00	SANDY SHALE W/ COAL STREAKS	
2047.00	2077.00	30.00	SANDY SHALE	
2077.00	2107.00	30.00	SANDY SHALE W/ SAND STREAKS	
2107.00	2137.00	30.00	SANDY SHALE	
2137.00	2167.00	30.00	SANDY SHALE W/ COAL STREAKS	
2167.00	2272.00	105.00	SANDY SHALE	
2272.00	2287.00	15.00	SANDY SHALE W/ SAND	
2287.00	2317.00	30.00	SAND W/ SANDY SHALE	
2317.00	2347.00	30.00	SANDY SHALE W/ COAL & SSH	
2347.00	2377.00	30.00	SANDY SHALE W/ COAL & SAND	
2377.00	2407.00	30.00	SANDSTONE	
2407.00	2437.00	30.00	SAND W/ SANDY SHALE & SAND	
2437.00	2467.00	30.00	SANDSTONE	
2467.00	2497.00	30.00	SAND W/ SANDY SHALE	
2497.00	2527.00	30.00	SANDY SHALE W/ SAND	
2527.00	2557.00	30.00	SAND W/ COAL & SANDY SHALE	
2557.00	2587.00	30.00	SANDY SHALE	
2587.00	2617.00	30.00	SANDY SHALE W/ SAND	
2617.00	2680.00	63.00	SAND W/ SANDY SHALE	
2680.00'	TOTAL DEPTH			
20.00'	12 3/4" CASING			
967.75'	7" CASING			
2672.77'	4 1/2" CASING			