

Gas and Oil Shows

FORMATION	TOP	BOTTOM	THICKNESS	IPF (MCFD/BOPD)	PRESSURE	HOURS TESTED
Pocahontas	628.3'	2521.5'	1893.2'			

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, Deviation

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
See Deviation Survey			

Use additional sheets as necessary

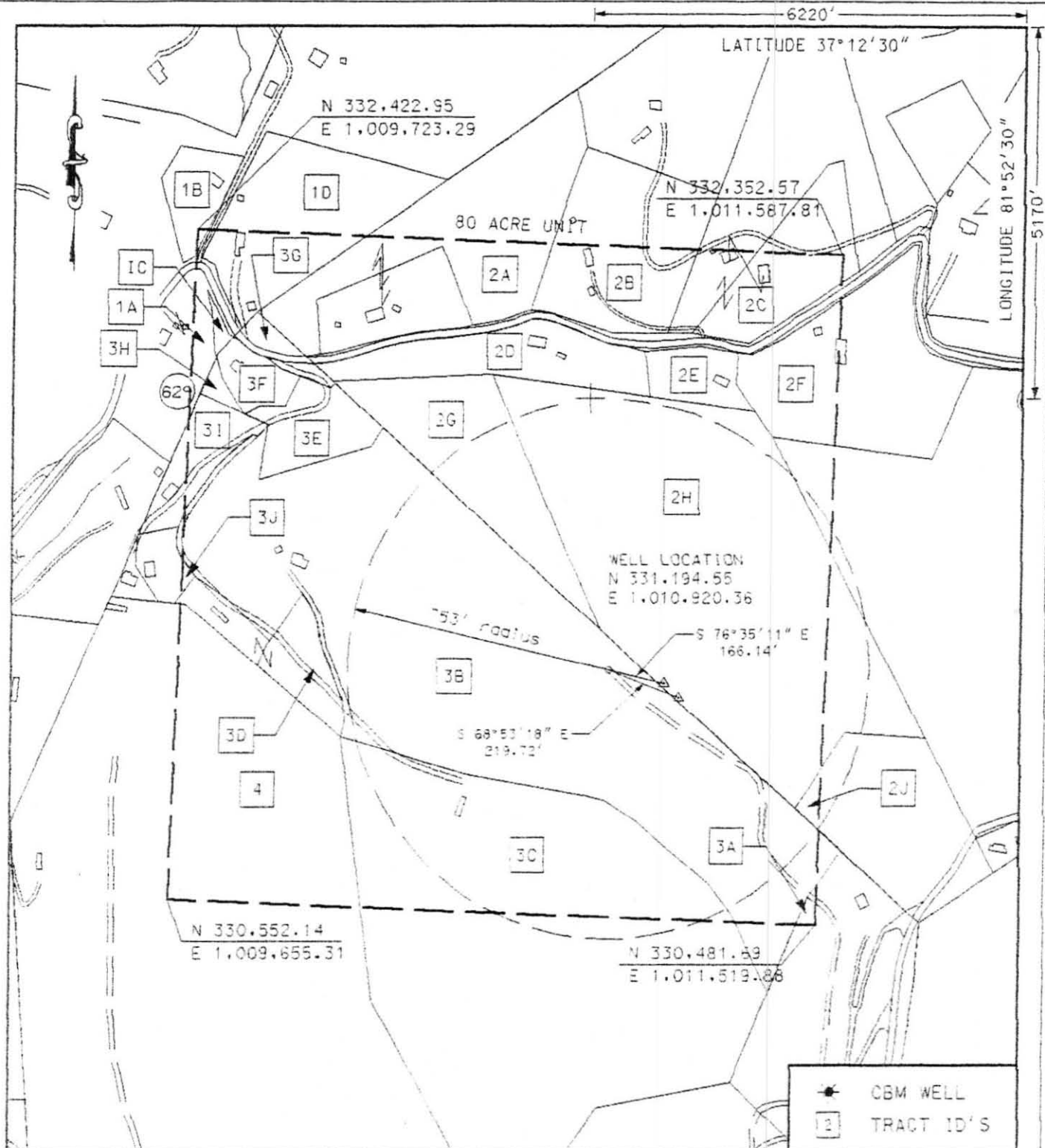
CASING AND TUBING PROGRAM

	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"	0-22.4'	15"					
Surface	12 3/4"	0-22.4'	15"					
Water Protection	4 1/2"	0-2505.32'	6 1/2"	165	X		12-10-98	
Coal Protection	4 1/2"	0-2505.32'	6 1/2"	165	X		12-10-98	
Other Casing And Tubing Left In Well								
Liners	7"	0-870.15'	8 3/4"	145	X		12-08-98	Basket at 96'

REMARKS: Shut down fishing jobs, depths and dates, caving, lost circulation, etc.: _____
 Basket set at 96'

Permittee: Pocahontas Gas Partnership (Company)

By: *Shelie K. Cunningham* (Signature)



WELL LOCATION PLAT

Company Poconthas Gas Partnership Well Name and Number CBM-PGP-336
 Tract No. HURT-MCGUIRE Elevation 2425.32' Quadrangle Keen Mountain
 County Buchanan District Garden Scale: 1" = 400' Date 1/5/99
 This plat is a new plat _____ ; an updated plat _____ ; or a final 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.

Form DGO-90-7
 Rev. 3/91

[Signature]

 Licensed Professional Engineer or Licensed Land Surveyor

Exhibit A

Well Name: 98-PGP-S-36

SURFACE ELEV: 2426.82 EASTING: 1010920.36 NORTHING: 331194.55

SEAM	DEPTH FROM (FT)	DEPTH TO (FT)	ELEVATION (TOSE)	THK. (FT)	REMARKS
*COAL	33.00	34.00	2393.82	1.00	
	34.00	102.00	2392.82	68.00	
*KN1	102.00	105.00	2324.82	3.00	
	105.00	116.80	2321.82	11.80	
*KN2	116.80	118.20	2310.02	1.40	
	118.20	230.00	2308.62	111.80	
*AL2	230.00	231.20	2196.82	1.20	
	231.20	325.40	2195.62	94.20	
*RA1	325.40	327.10	2101.42	1.70	
	327.10	364.00	2099.72	36.90	
*RA2	364.00	366.90	2062.82	2.90	
	366.90	381.00	2059.92	14.10	
*RA3	381.00	384.00	2045.82	3.00	
	384.00	390.00	2042.82	6.00	
*RA3	390.00	391.00	2036.82	1.00	
	391.00	484.00	2035.82	93.00	
*JB1	484.00	486.10	1942.82	2.10	
	486.10	530.00	1940.72	43.90	
*JB3	530.00	533.90	1896.82	3.90	
	533.90	618.20	1892.92	84.30	
*T1	618.20	621.20	1808.62	3.00	
	621.20	627.10	1805.62	5.90	
*TI	627.10	628.30	1799.72	1.20	
	628.30	1000.00	1798.52	371.70	
*SE1	1000.00	1001.00	1426.82	1.00	
	1001.00	1035.30	1425.82	34.30	
*SE2	1035.30	1037.30	1391.52	2.00	
	1037.30	1076.70	1389.52	39.40	
*LS1	1076.70	1078.50	1350.12	1.80	
	1078.50	1092.50	1348.32	14.00	
*LS2	1092.50	1093.50	1334.32	1.00	
	1093.50	1140.90	1333.32	47.40	
*UH1	1140.90	1142.30	1285.92	1.40	
	1142.30	1189.10	1284.52	46.80	
*UH2	1189.10	1190.60	1237.72	1.50	
	1190.60	1195.50	1236.22	4.90	
*UH3	1195.50	1198.10	1231.32	2.60	
	1198.10	1250.10	1228.72	52.00	
*MH1	1250.10	1252.90	1176.72	2.80	
	1252.90	1315.10	1173.92	62.20	
*MH2	1315.10	1316.70	1111.72	1.60	
	1316.70	1360.10	1110.12	43.40	
*P11	1360.10	1363.10	1066.72	3.00	
	1363.10	1385.50	1063.72	22.40	
*P10	1385.50	1387.00	1041.32	1.50	
	1387.00	1448.40	1039.82	61.40	
*LH2	1448.40	1449.90	978.42	1.50	
	1449.90	1533.00	976.92	83.10	
*P91	1533.00	1534.90	893.82	1.90	

	1534.90	1536.00	891.92	1.10
*P92	1536.00	1537.00	890.82	1.00
	1537.00	1537.60	889.82	0.60
*P92	1537.60	1539.00	889.22	1.40
	1539.00	1730.80	887.82	191.80
*COAL	1730.80	1732.00	696.02	1.20
	1732.00	1737.00	694.82	5.00
*P61	1737.00	1740.00	689.82	3.00
	1740.00	1804.20	686.82	64.20
*P51	1804.20	1806.20	622.62	2.00
	1806.20	1898.00	620.62	91.80
*P41	1898.00	1899.80	528.82	1.80
	1899.80	1975.60	527.02	75.80
*P3	1975.60	1981.20	451.22	5.60
	1981.20	2016.90	445.62	35.70
*P21	2016.90	2018.00	409.92	1.10
	2018.00	2103.00	408.82	85.00
*P01	2103.00	2104.00	323.82	1.00
	2104.00	2521.80	322.82	417.80

NOTE: FOOTAGE NOT ADJUSTED FOR DEVIATION
FILE: C:\GAS\S36.CMP
DATE: 12/16/98

DRILL DATA HOLE -- NOAH HORN WELL DRILLING, INC.

COMPANY: PGP

HOLE NO.: S-36

LOCATION: Osborne Mtn.

DRILL: #23

DATE STARTED: 12-07-98

ELECTRIC LOGGED: Yes

DATE COMPLETED: 12-11-98

GROUTED: Yes

DEPTH		THICKNESS	STRATA	REMARKS
FROM	TO	FT.	DESCRIPTION	VOIDS, ETC.
0.00	22.00	22.00	OVERBURDEN	22" W/12 3/4" CASING
22.00	25.00	3.00	SANDY SHALE	2' OF 22" PIPE
25.00	56.00	31.00	SAND	
56.00	87.00	31.00	SAND	
87.00	118.00	31.00	SANDY SHALE	
118.00	149.00	31.00	SANDY SHALE	
149.00	180.00	31.00	SAND	
180.00	211.00	31.00	SAND	
211.00	242.00	31.00	SANDY SHALE	
242.00	272.00	30.00	SANDY SHALE	
272.00	302.00	30.00	SAND	
302.00	332.00	30.00	SANDY SHALE	
332.00	362.00	30.00	SANDY SHALE	
362.00	392.00	30.00	SANDY SHALE	
392.00	422.00	30.00	SAND	
422.00	452.00	30.00	SAND	
452.00	482.00	30.00	SAND	
482.00	512.00	30.00	SANDY SHALE	
512.00	542.00	30.00	SANDY SHALE	
542.00	572.00	30.00	SAND	
572.00	602.00	30.00	SAND	
602.00	632.00	30.00	SANDY SHALE / COAL	
632.00	662.00	30.00	SANDY SHALE	
662.00	692.00	30.00	SAND	
692.00	722.00	30.00	SAND	
722.00	752.00	30.00	SANDY SHALE	
752.00	782.00	30.00	SAND	
782.00	812.00	30.00	SANDY SHALE	
812.00	842.00	30.00	SANDY SHALE	
842.00	872.00	30.00	SAND	870.15' W/ 7" CASING
872.00	902.00	30.00	SAND	
902.00	927.00	25.00	SAND	

FROM	TO	FT.	DESCRIPTION
927.00	957.00	30.00	SAND
957.00	987.00	30.00	SANDY SHALE
987.00	1017.00	30.00	SANDY SHALE
1017.00	1047.00	30.00	SAND
1047.00	1077.00	30.00	SANDY SHALE / COAL
1077.00	1107.00	30.00	SANDY SHALE
1107.00	1137.00	30.00	SANDY SHALE
1137.00	1167.00	30.00	SAND
1167.00	1197.00	30.00	SANDY SHALE
1197.00	1227.00	30.00	SANDSTONE
1227.00	1257.00	30.00	SANDY SHALE
1257.00	1287.00	30.00	SANDY SHALE
1287.00	1317.00	30.00	SHALE
1317.00	1347.00	30.00	SANDSTONE
1347.00	1377.00	30.00	SANDSTONE / COAL
1377.00	1407.00	30.00	SANDSTONE
1407.00	1437.00	30.00	SANDSTONE
1437.00	1467.00	30.00	SANDY SHALE / COAL
1467.00	1497.00	30.00	SANDSTONE / SHALE
1497.00	1527.00	30.00	SHALE / SAND / COAL
1527.00	1557.00	30.00	SHALE / COAL / SAND
1557.00	1587.00	30.00	SANDY SHALE
1587.00	1617.00	30.00	SANDY SHALE
1617.00	1647.00	30.00	SANDY SHALE
1647.00	1677.00	30.00	SANDSTONE
1677.00	1707.00	30.00	SANDSTONE
1707.00	1737.00	30.00	SANDSTONE / COAL / SHALE
1737.00	1767.00	30.00	SANDY SHALE
1767.00	1797.00	30.00	SANDY SHALE / COAL
1797.00	1827.00	30.00	SANDSTONE
1827.00	1857.00	30.00	SANDSTONE
1857.00	1887.00	30.00	SAND
1887.00	1917.00	30.00	SAND
1917.00	1947.00	30.00	SAND
1947.00	1967.00	20.00	SANDY SHALE
1967.00	1971.00	4.00	COAL
1971.00	1977.00	6.00	SANDY SHALE
1977.00	2007.00	30.00	SANDY SHALE
2007.00	2037.00	30.00	SAND
2037.00	2067.00	30.00	SANDY SHALE
2067.00	2097.00	30.00	SANDY SHALE
2097.00	2127.00	30.00	SANDY SHALE
2127.00	2157.00	30.00	SHALE
2157.00	2187.00	30.00	RED SHALE
2187.00	2217.00	30.00	RED SHALE / SANDY SHALE
2217.00	2247.00	30.00	SAND
2247.00	2277.00	30.00	SAND
2277.00	2307.00	30.00	SANDSTONE
2307.00	2337.00	30.00	SANDSTONE
FROM	TO	FT.	DESCRIPTION

2337.00	2367.00	30.00	SANDY SHALE / RED AND GREY
2367.00	2397.00	30.00	SANDY SHALE
2397.00	2427.00	30.00	SANDY SHALE
2427.00	2457.00	30.00	SANDSTONE
2457.00	2487.00	30.00	SANDSTONE
2487.00	2517.00	30.00	SANDSTONE / SHALE 2505.32' W/ 4 ½" Casing

2157.00 FT. TOTAL DEPTH

22.40 FT. 12 ¼" CASING

870.15 FT. 7" CASING

2505.32 FT. 4 ½" CASING