

FORM C-108 ITEM VII(4)

EXHIBIT 1

ANALYSIS-INJECTION WATER

POGO PRODUCING COMPANY
Federal "44" Well #1
Sec. 34, T-23-S, R 31-E
Eddy County, New Mexico

dry Services
Tasker Drive
W Mexico 88240
397-3713

RECEIVED

SEP 21 1992

MIDLAND

WATER ANALYSISCOMPANY Pogo Producing Co.SAMPLE CAL MON #7SAMPLED BY Rolland PerryDATE TAKEN 9/15/92REMARKS BRUSHY CANYON FORMATION (LOWER DE AWARE)

Sodium	50
Nitrate	22.44
Barium as Ba	0
Carbonate alkalinity PPM	0
Bicarbonate alkalinity PPM	82
pH At Lab	5.62
Specific Gravity @ 60 F	1.160
Magnesium as Mg	24.418
Total Hardness as CaCO3	42.100
Chlorides as CL	145.436
Sulfate as SO4	475
Iron as Fe	45.5
Potassium	25.63
Hydrogen Sulfide	0
Resistivity Ohms	0.2288
Total Dissolved Solids	215.250
Carbonate as CO3 G/L	7.45
Calcium as CA	17.682

Results reported as Parts Per Million Unless Stated.Langlier Saturation Index + 0.12Analysis By Rolland PerryDate: 9/15/92