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O. C. D. ARTESIA OFFICE



Laboratory Services 1331 Tasker Drive Hobbs, New Mexico 88240 (505) 397-3713

WATER ANALYSIS

COMPANY	Pogo Producing Company
SAMPLED BY	Rolland Perry
SAMPLE Federal 1 # REMARKS	1 DATE TAKEN 12/16/91
Barium as Ba	5,0
Carbonate alkalinity PPM	0
Bicarbonate alkilinity PPM	62
pH At Lab	5,25
Specific Gravity @ 60 F	1.185
Calcium as Ca	37,423
Magnesium as Mg	51,277
Total Hardness as CaCO3	88,700
Clorides as CL	161,170
Sulfate as SO4	365
Iron as Fe	47.0
Potassium	43.75
Hydrogen Sulfide	Q
Resistance Mmhoes	485,338
Total Solids	
Carbonate as CO3 G/L	2.21
Total Dissolved Solids	236,750
Results reported as Parts	Per Million Unless Stated.

Langelier Saturation Index -0.010

Analysis By	Rolland Perry
Date:	December 16, 1991