

Nutro Products Co

P.O. Box 21187 Houston, Texas
Phone (713) 675-3421 * Fax (713)ANALYSIS - Lower Delaware
Produced WaterWATER ANALYSISPOGO PRODUCING COMPANY
Diamond "34" State No. 1
Section 34, T-22S, R-33E
Lea County, New MexicoDate 06/08/95 Nutro Rep TERRY SOLANSKY
Sampling Point
Company POGO PRODUCING
Field

Lease COVINGTON "A"

Well 9

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na ⁺ (Calc.)	82,156	3,572
Total Hardness as Ca ⁺⁺	26,560	0
Calcium, Ca ⁺⁺	20,960	1,048
Magnesium, Mg ⁺⁺	3,415	285
Barium, Ba ⁺⁺	2	0
Iron (Total) Fe ⁺⁺⁺	30	2

ANIONS

Chlorides, Cl ⁻	174,000	4,901
Sulfate, SO ₄ ⁻	225	5
Carbonate, CO ₃ ⁻	0	0
Bicarbonate, HCO ₃ ⁻	49	1
Sulfide, S ⁻	0	0
Total Dissolved Solids (Calc.)	280,837	

OTHER PROPERTIES

pH [*]	5.200
Specific Gravity, 60°/60 F	1.179
TURBIDITY	>500

Remarks SAMPLE TAKEN ON 05/02/95

SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO₃</u>	<u>CASO₄*2H₂O</u>	<u>CA SO₄</u>	<u>BA SO₄</u>
80	0.1101	-0.1998	-0.5770	0.0270
120	0.6873	-0.2122	-0.4089	-0.1128
160	1.5588	-0.2267	-0.2508	-0.3171