

Nutro Products Corporation

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WATER ANALYSIS

Date 11/14/94 Nutro Rep TERRY SOLANSKY

Code W-2831

Sampling Point S.W.D.

State TEXAS

Company POGO PRODUCING

County EDDY N.M.

Field

Lease RED TANK

Well 3

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na ⁺ (Calc.)	78,729	3,423
Total Hardness as Ca ⁺⁺	22,160	0
Calcium, Ca ⁺⁺	15,600	780
Magnesium, Mg ⁺⁺	4,000	333
Barium, Ba ⁺⁺	21	0
Iron (Total) Fe ⁺⁺⁺	50	3

ANIONS

Chlorides, Cl ⁻	161,000	4,535
Sulfate, SO ₄ ⁻	140	3
Carbonate, CO ₃ ⁻	0	0
Bicarbonate, HCO ₃ ⁻	73	1
Sulfide, S ⁻	0	0
Total Dissolved Solids (Calc.)	259,613	

OTHER PROPERTIES

pH [*]	5.800
Specific Gravity, 60°/60 F	1.176
TURBIDITY	>500

Remarks SAMPLE TAKEN ON 11/04/94

SCALING INDICIES

TEMP, F	CA CO ₃	CASO ₄ *2H ₂ O	CA SO ₄	BA SO ₄
80	0.4636	-0.5931	-0.9427	0.8757
120	0.9926	-0.6075	-0.7767	0.7321
160	1.7936	-0.6301	-0.6266	0.5216