

Nutro Products Corporation

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WATER ANALYSIS

Date 01/12/95 Nutro Rep TERRY SOLANSKY

Code W-3217

Sampling Point

State TEXAS

Company POGO PRODUCING

County

Field

Lease AFC FEDERAL

Well 1

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na ⁺ (Calc.)	60,490	2,630
Total Hardness as Ca ⁺⁺	32,400	0
Calcium, Ca ⁺⁺	24,640	1,232
Magnesium, Mg ⁺⁺	4,732	394
Barium, Ba ⁺⁺	3	0
Iron (Total) Fe ⁺⁺⁺	52	3

ANIONS

Chlorides, Cl ⁻	151,000	4,254
Sulfate, SO ₄ ⁻	160	3
Carbonate, CO ₃ ⁻	0	0
Bicarbonate, HCO ₃ ⁻	146	2
Sulfide, S ⁻	0	0
Total Dissolved Solids (Calc.)	241,223	

OTHER PROPERTIES

pH [*]	6.700
Specific Gravity, 60°/60 F	1.162
TURBIDITY	>500

Remarks SAMPLE TAKEN ON 12/22/94

SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO₃</u>	<u>CASO₄*2H₂O</u>	<u>CA SO₄</u>	<u>BA SO₄</u>
80	1.8475	-0.3587	-0.7041	0.0854
120	2.3741	-0.3729	-0.5378	-0.0704
160	3.1714	-0.3972	-0.3894	-0.2818