

Nutro Products Corporation

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WATER ANALYSIS

Date 03/29/95 Nutro Rep TERRY SOLANSKY

Sampling Point WELL HEAD

Company POGO PRODUCING

Field

Lease PRIZE FEDERAL

Code W-1835

State TEXAS

County EDDY N.M.

Well 4

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na ⁺ (Calc.)	81,949	3,563
Total Hardness as Ca ⁺⁺	18,880	0
Calcium, Ca ⁺⁺	12,960	648
Magnesium, Mg ⁺⁺	3,610	301
Barium, Ba ⁺⁺	2	0
Iron (Total) Fe ⁺⁺⁺	35	2

ANIONS

Chlorides, Cl ⁻	160,000	4,507
Sulfate, SO ₄ ⁻	225	5
Carbonate, CO ₃ ⁻	0	0
Bicarbonate, HCO ₃ ⁻	98	2
Sulfide, S ⁻	0	0
Total Dissolved Solids (Calc.)	258,879	

OTHER PROPERTIES

pH [*]	5.300
Specific Gravity, 60°/60 F	1.178
TURBIDITY	475

Remarks SAMPLE TAKEN ON 03/23/95

SCALING INDICIES

<u>TEMP, F</u>	<u>CA CO₃</u>	<u>CASO₄*2H₂O</u>	<u>CA SO₄</u>	<u>BA SO₄</u>
80	-0.0604	-0.4752	-0.8195	0.0696
120	0.4684	-0.4892	-0.6531	-0.0868
160	1.2544	-0.5123	-0.5035	-0.2985

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