

**Laboratory Services, Inc.**

4016 Fiesta Drive
Hobbs, New Mexico 88240
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Water Analysis

COMPANY Louis Dreyfus Natural Gas

SAMPLE Saragosa 16 St. #1

SAMPLED BY Greg Myers-Pro Well

DATE TAKEN 1/29/01

REMARKS Strawn Formation

Moderately heavy scaling tendency.

Barium as Ba 0

Carbonate alkalinity PPM 0

Bicarbonate alkalinity PPM 848

pH at Lab 6.15

Specific Gravity @ 60°F 1.133

Magnesium as Mg 17,110

Total Hardness as CaCO₃ 29,500

Chlorides as Cl 124,962

Sulfate as SO₄ 0

Iron as Fe 219

Potassium 25

Hydrogen Sulfide 0

Rw 0.062 @ 23° C

Total Dissolved Solids 156,000

Calcium as Ca 12,390

Nitrate 429

Results reported as Parts per Million unless stated

Langelier Saturation Index 1.17

Analysis by: Vickie Biggs

Date: 1/30/01