

Laboratory Services, Inc.
1331 Tasker Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

Water Analysis

COMPANY Santa Fe Energy

SAMPLE Hackberry 18 Fed. #1

SAMPLED BY Rice-Pro Well

DATE TAKEN 11/19/97 9:00 AM

REMARKS Very corrosive water.

Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	88	
pH at Lab	5.43	
Specific Gravity @ 60°F	Not enough sample	
Magnesium as Mg	145	
Total Hardness as CaCO ₃	250	
Chlorides as Cl	1,257	
Sulfate as SO ₄	1,375	
Iron as Fe	233	
Potassium	1.53	
Hydrogen Sulfide	0	
Resistivity Ohms	4.2	22.9° C
Total Dissolved Solids	3,000	
Calcium as Ca	105	
Nitrate	47.5	

Results reported as Parts per Million unless stated

Langelier Saturation Index **-2.57**

Analysis by: Vickie Walker
Date: 11/19/97