



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

WATER ANALYSIS

COMPANY	Santa Fe Energy	
SAMPLE	Billbrey 27 Fed. #1	
SAMPLED BY	Ray Ables-Pro Well	
DATE TAKEN	6/28/93	
REMARKS	Middle Morrow (H) Sand	14.426'-14.436'
Nitrate	79.2	
Barium as Ba	0	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	316	
pH At Lab	6.40	
Specific Gravity @ 60 F	1.00	
Magnesium as Mg	696	
Total Hardness as CaCO ₃	1,200	
Chlorides as CL	882	
Sulfate as SO ₄	87.5	
Iron as Fe	147.5	
Potassium	4.0	
Hydrogen Sulfide	0	
Resistivity Ohms	5.6	@ 24.1° C
Total Dissolved Solids	2,250	
Carbonate as CO ₃ G/L	0	
Calcium as CA	504	

Results reported as Parts Per Million Unless Stated.

Langelier Saturation Index - 0.46

Analysis By: Vickie Walker
Date: 6/28/93