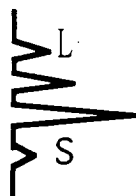


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Laboratory Services
1331 Tasker Drive
Hobbs, New Mexico 88240
(505) 397-3713

WATER ANALYSIS

COMPANY	Santa Fe Energy	
SAMPLE	White Swan 9 Fed. #1	
SAMPLED BY	B. J.	
DATE TAKEN	7-26-93	
REMARKS		
Nitrate	17.6	
Barium as Ba	5	
Carbonate alkalinity PPM	0	
Bicarbonate alkalinity PPM	96	
pH At Lab	6.02	
Specific Gravity @ 60 F	1.159	
Magnesium as Mg	23.316	
Total Hardness as CaCO ₃	40.200	
Chlorides as CL	136.964	
Sulfate as SO ₄	550	
Iron as Fe	38.5	
Potassium	41.25	
Hydrogen Sulfide	0	
Resistivity Ohms	0.058	@ 23.9° C
Total Dissolved Solids	195.500	
Carbonate as CO ₃ G/L	5.658	
Calcium as CA	16.884	
Results reported as Parts Per Million Unless Stated.		
Langelier Saturation Index	+ 0.11	

Analysis By: Vickie Walker
Date: 7-27-93