



Water Analysis

Date: 09-Aug-05

2708 West County Road, Hobbs NM 88240
Phone (505) 392-5336 Fax (505) 392-7307

Analyzed For

Company	Well Name	County	State
Mewbourne	Angle Canyon 11-1	Lea	New Mexico

Sample Source	Swab Sample	Sample #	1
Formation	Morrow	Depth	
Specific Gravity	1.015	SG @ 60 °F	1.018
pH	6.60	Sulfides	Absent
Temperature (°F)	73	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	6,805	in PPM	6,687
Calcium	in Mg/L	3,200	in PPM	3,145
Magnesium	in Mg/L	480	in PPM	472
Soluble Iron (FE2)	in Mg/L	950.0	in PPM	934

Anions

Chlorides	in Mg/L	18,000	in PPM	17,689
Sulfates	in Mg/L	250	in PPM	246
Bicarbonates	in Mg/L	903	in PPM	887
Total Hardness (as CaCO3)	in Mg/L	10,000	in PPM	9,827
Total Dissolved Solids (Calc)	in Mg/L	30,588	in PPM	30,059
Equivalent NaCl Concentration	in Mg/L	28,669	in PPM	28,173

Scaling Tendencies

*Calcium Carbonate Index 2,888,960

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index 800,000

Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment.

Remarks rwf.3@73f

Report # 1967