

**\*See Instruction on Reverse Side**



## Water Analysis

Date: 27-Oct-05

2708 West County Road, Hobbs NM 88240

Phone (505) 392-5556 Fax (505) 392-7307

### Analyzed For

Company	Well Name	County	State
Devon	Paloma Blanco 20 # 1	Lea	New Mexico

**Sample Source** Swab Sample **Sample #** 1

**Formation** **Depth**

Specific Gravity	1.040	SG @ 60 °F	1.042
pH	6.53	Sulfides	Absent
Temperature (°F)	70	Reducing Agents	

### Cations

Sodium (Calc)	in Mg/L	12,643	in PPM	12,134
Calcium	in Mg/L	3,200	in PPM	3,071
Magnesium	in Mg/L	960	in PPM	921
Soluble Iron (FE2)	in Mg/L	2,000.0	in PPM	1,919

### Anions

Chlorides	in Mg/L	30,000	in PPM	28,791
Sulfates	in Mg/L	200	in PPM	192
Bicarbonates	in Mg/L	449	in PPM	431
Total Hardness (as CaCO3)	in Mg/L	12,000	in PPM	11,516
Total Dissolved Solids (Calc)	in Mg/L	49,452	in PPM	47,459
Equivalent NaCl Concentration	in Mg/L	45,897	in PPM	44,047

### Scaling Tendencies

\*Calcium Carbonate Index 1,436,672

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

\*Calcium Sulfate (Gyp) Index 640,000

Below 500,000 Remote / 500,000 - 10,000,000 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** rw=.14@70f

**Report #** 2028