



P.O. BOX 2187
OBBS, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Floyd Tims

cc:

cc:

cc:

Company: Meridian

Address:

Service Engineer: Kenny Kearney

Date sampled: 7-14-91

Date reported: 7-23-91

Lease or well # : Fowler State #2

County: State:

Formation:

Depth:

Submitted by: Kenny Kearney

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	33000	931
Iron (Fe) (total)	5.0	
Total hardness	14900	
Calcium (Ca)	922	46
Magnesium (Mg)	3061	246
Bicarbonates (HCO ₃)	2098	34
Carbonates (CO ₃)	n/a	
Sulfates (SO ₄)	3187	66
Hydrogen sulfide (H ₂ S)	342	
Carbon dioxide (CO ₂)	316	
Sodium (Na)	17015	740
Total dissolved solids	59285	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity

1.042

Density (#/gal.)

8.684

pH

7.400

IONIC STRENGTH

1.21

Stiff-Davis (CaCO₃) Stability Index :

SI = pH - pCa - pAlk - K

SI @ 86 F = +1.00

104 F = +1.23

122 F = +1.49

140 F = +1.78

158 F = +2.10

This water is 4934 mg/l (-86.18%) under ITS CALCULATED
CaSO₄ saturation value at 82 F.

SATURATION= 5725 mg/L

PRESENT= 791 mg/L

REPORTED BY MOSES GARCIA JIMENEZ