



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

PHONE: (505) 393-7720

## WATER ANALYSIS REPORT

Report for: EDDIE CARPENTER  
cc: STEVE BLEVINS  
cc:  
cc:  
Company: MERIDIAN  
Address:  
Service Engineer: KENNY KEARNEY

Date sampled: 3-3-92  
Date reported: 3-15-92  
Lease or well #: FOWLER ST.1  
County: State:  
Formation:  
Depth:  
Submitted by: KENNY KEARNEY

| CHEMICAL COMPOSITION :              | mg/L  | meq/L |
|-------------------------------------|-------|-------|
| Chloride (Cl)                       | 34000 | 959   |
| Iron (Fe) (total)                   | 3.0   |       |
| Total hardness                      | 18200 |       |
| Calcium (Ca)                        | 441   | 22    |
| Magnesium (Mg)                      | 4155  | 334   |
| Bicarbonates (HCO <sub>3</sub> )    | 3416  | 56    |
| Carbonates (CO <sub>3</sub> )       | n/a   |       |
| Sulfates (SO <sub>4</sub> )         | 5063  | 105   |
| Hydrogen sulfide (H <sub>2</sub> S) | 138   |       |
| Carbon dioxide (CO <sub>2</sub> )   | 250   |       |
| Sodium (Na)                         | 17592 | 765   |
| Total dissolved solids              | 64668 |       |
| Barium (Ba)                         | n/a   |       |
| Strontium (Sr)                      | n/a   |       |
| Specific Gravity                    | 1.046 |       |
| Density (#/gal.)                    | 8.717 |       |
| pH                                  | 7.600 |       |
| IONIC STRENGTH                      | 1.35  |       |

Stiff-Davis (CaCO<sub>3</sub>) Stability Index :  
 $SI = pH - pCa - pAlk - K$

SI @ 86 F = +1.09  
104 F = +1.32  
122 F = +1.58  
140 F = +1.87  
158 F = +2.19

This water is 4389 mg/l (%-100.00%) under ITS CALCULATED  
CaSO<sub>4</sub> saturation value at 82 F.  
SATURATION= 4389 mg/L PRESENT= 0 mg/L

REPORTED BY MOSES G. JIMENEZ

LAB TECHNICIAN