

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

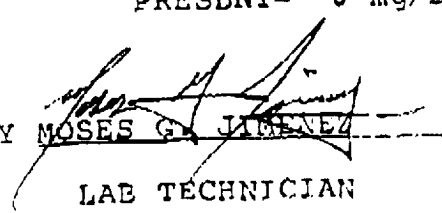
WATER ANALYSIS REPORT

Report for: EDDIE CARPENTER
cc: STEVE BLEVINS
cc:
cc:
Company: MERIDIAN
Address:
Service Engineer: KENNY KEARNEYDate sampled: 3-4-92
Date reported: 3-15-92
Lease or well #: WELLS B-5 #2
County: State:
Formation:
Depth:
Submitted by: KENNY KEARNEY

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	62000	1749
Iron (Fe) (total)	8.0	
Total hardness	24100	
Calcium (Ca)	280	14
Magnesium (Mg)	5686	457
Bicarbonates (HCO ₃)	1000	16
Carbonates (CO ₃)	n/a	
Sulfates (SO ₄)	1645	34
Hydrogen sulfide (H ₂ S)	143	
Carbon dioxide (CO ₂)	373	
Sodium (Na)	30568	1329
Total dissolved solids	101181	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.072	
Density (#/gal.)	8.934	
pH	7.100	
IONIC STRENGTH	2.05	

Stiff-Davis (CaCO₃) Stability Index :
 $SI = pH - pCa - pAlk - K$

SI @ 86 F	= -0.06
104 F	= +0.17
122 F	= +0.43
140 F	= +0.72
158 F	= +1.04

This water is 6880 mg/l (%-100.00%) under ITS CALCULATED
CaSO₄ saturation value at 82 F.
SATURATION= 6880 mg/L PRESENT= 0 mg/LREPORTED BY  MOSES G. JUAREZ

LAB TECHNICIAN