



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

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Eddie Carpenter
 cc: Steve Blevins
 cc:
 cc:
 Company: Meridian
 Address:
 Service Engineer: Kenny Kearney

Date sampled: 8-18-93
 Date reported: 8-27-93
 Lease or well #: Gulf Eddie Crg
 County: State:
 Formation:
 Depth:
 Submitted by: Kenny Kearney

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	49000	1382
Iron (Fe) (total)	238.0	
Total hardness	15700	
Calcium (Ca)	360	18
Magnesium (Mg)	3596	289
Bicarbonates (HCO3)	1000	16
Carbonates (CO3)	n/a	
Sulfates (SO4)	1838	38
Hydrogen sulfide (H2S)	39	
Carbon dioxide (CO2)	0	
Sodium (Na)	25993	1130
Total dissolved solids	81789	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	
Specific Gravity	1.058	
Density (#/gal.)	8.817	
pH	7.400	
IONIC STRENGTH	1.61	

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

SI @ 86 F = +0.28
 104 F = +0.51
 122 F = +0.77
 140 F = +1.06
 158 F = +1.38

This water is 6370 mg/l (-98.32%) under ITS CALCULATED
 CaSO4 saturation value at 82 F.
 SATURATION= 6479 mg/L PRESENT= 109 mg/L

REPORTED BY MOSES G. JIMENEZ
 LAB TECHNICIAN

To	Co	Dept.	Fax #
Meridian	Meridian	593-7726	593-7726
Phone #	Fax #	593-7726	593-7726

RECEIVED

SEP 08 1993

**COAST GUARD
OFFICE**