



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

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for:	Date sampled: 04-06-94
CC:	Date reported: 04-08-94
CC:	Lease or well # : Sarah B #3
CC:	County: State:
Company: Samedan Oil	Formation: .
Address:	Depth:
Service Engineer: Mike Carson	Submitted by: Mike Carson

CHEMICAL COMPOSITION :	mg/L	meq/L
Chloride (Cl)	74000	2087
Iron (Fe) (total)	1.0	
Total hardness	21000	
Calcium (Ca)	4491	224
Magnesium (Mg)	2381	191
Bicarbonates (HCO3)	170	3
Carbonates (CO3)	n/a	
Sulfates (SO4)	2158	45
Hydrogen sulfide (H2S)	n/a	
Carbon dioxide (CO2)	n/a	
Sodium (Na)	39556	1720
Total dissolved solids	122755	
Barium (Ba)	n/a	
Strontium (Sr)	n/a	

Specific Gravity 1.087
Density (#/gal.) 9.059
pH 6.200
IONIC STRENGTH 2.37

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

SI @ 86 F = -0.46
104 F = -0.23
122 F = +0.03
140 F = +0.32
158 F = +0.64

This water is 753 mg/l (-19.77%) under ITS CALCULATED
CaSO4 saturation value at 82 F.
SATURATION= 3808 mg/L PRESENT= 3055 mg/L

REPORTED BY ROZANNE JOHNSON
LAB TECHNICIAN

RECEIVED

MAY 05 1992

**JUL HODDS
OFFICE**

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