

VISCO Water Analysis

Prepared for CHAVEROO
HOBBS, N.M.

DON BAMERT
NALCO Chemical Company
4-Nov-85

Well Number : GILES LEE
Water Source : HOME

DISSOLVED SOLIDS

Cations	mg/l	meq/l	mg/l
Sodium Na+	41.03	1.78	as NaCl
Calcium Ca++	560.00	28.00	as CaCO3 1,400.00
Magnesium Mg++	18.23	1.50	as CaCO3 75.00
Barium Ba++			as CaCO3
Total Cations	619.25	31.28	

Anions	mg/l	meq/l	mg/l
Chloride Cl-	728.40	20.54	as NaCl 1,200.00
Sulfate SO4=	473.20	9.84	as Na2SO4 700.00
Carbonate CO3=			as CaCO3
Bicarb. HCO3-	54.90	0.90	as CaCO3 45.00
Total Anions	1,256.50	31.28	

Total Solids 1,875.75

Total Iron, Fe
Acid to Phen, CO2

as Fe
as CaCO3

SCALING INDICES

Temp	CaCO3	CaSO4	BaSO4
50 F	+0.07	-23.84	
77 F	+0.33		
95 F	+0.51	-54.21	
122 F	+0.79	-45.45	
149 F	+1.09		
176 F	+1.40	-52.04	
203 F	+1.73		

BEFORE EXAMINER SIGNATURE
LABORATORY DIVISION

Chaveroo EXHIBIT NO. 13
8761

Positive values indicate scaling is likely.
Scaling Indices calculated using ASTM standard practices.

OTHER PROPERTIES

PH 7.50
Specific Gravity 1.00