

NICHEM

Division of RJ Services Company

Lab Test No : 24122

Client:

Sample Date : 4/14/89

Water Analysis

Listed below please find water analysis report from : Spear Fed

#1

Specific Gravity : 1.080

Total Dissolved Solids : 112642

pH :

Conductivity (umhos):

Ionic Strength : 2.329

Cations: mg/l

Calcium (Ca++): 11220

Magnesium (Mg++): 1617

Sodium (Na+): 29556

Iron (Fe++): 49.64

Dissolved Iron (Fe++):

Barium (Ba++): 2.60

Strontium (Sr): 1355

Manganese (Mn++): 1.41

Resistivity :

Anions:

Bicarbonate (HCO3-):

Carbonate (CO3--):

Hydroxide (OH-): 0

Sulfate (SO4--): 250

Chloride (Cl-): 70000

Gases:

Carbon Dioxide (CO2):

Oxygen (O2):

Hydrogen Sulfide (H2S):

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature

86F 30.0C

104F 40.0C

122F 50.0C

140F 60.0C

168F 70.0C

176F 80.0C

CaCO3 SI

CaSO4 SI

Comments :

cc: John Offutt
Jay Brown

P.O. Box 61427 • Midland, TX 79711 • 4312 S. County Rd. 1298, Midland, TX 79765
Office: (915) 563-0241 • Fax: (915) 563-0243

#04224 P.006/006

UNICHEM LAB

APR.21.1999 17:06 915 563 0243

#0475 P.005

HOBBS PROD SAFE & ENV

APR.22.1999 08:09 505 393 1150