

UNICHEM INTERNATIONAL
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Midland, Texas 79711

Hal J. Rasmussen

Report Date: September 23, 1993
Lab In Date: September 22, 1993
Sample Date: September 17, 1993

WINDMILL LOCATION: 250' FSL; 2500' FWL
Sec. 19 T26S R37E

Listed below please find our water analysis report from Windmill

Specific Gravity: 1.001
Total Dissolved Solids: 1018
PH: 7.81
Ionic Strength: .020

CATIONS:

mg/liter
Calcium: (Ca++) 44
Magnesium: (Mg++) 44
Sodium: (Na+) 194
Iron (Total) (Fe++) 3.10
Barium (Ba++) 0.00
Manganese: (Mn++) .18
Resistivity:

ANIONS:

Bicarbonate: (HCO3-) 368
Carbonate: (CO3--) 0
Hydroxide: (OH-) 0
Sulfate: (SO4--) 295
Chloride: (Cl-) 73

GASES:

Carbon Dioxide: (CO2) *****
Oxygen: (O2) *****
Hydrogen Sulfide: (H2S) *****

SCALE INDEX (Positive Value Indicates Scale Tendency) * indicates tests were not run.

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C	.55	-21.21
104F 40.0C	.84	-21.37
122F 50.0C	.98	-21.37
140F 60.0C	1.14	-21.21
168F 70.0C	1.31	-20.25
176F 80.0C	1.49	-19.07

If you have any questions or require further information, please contact us.

Sincerely,

Jeanne M. McMurray

Laboratory Technician

cc:

bc:

Charlie Vaden

