



Cochran Chemical Company, Inc.

DE-EMULSIFIERS • WATERFLOOD CHEMICALS • PARAFFIN SOLVENTS • SCALE REMOVER & INHIBITORS

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May 23, 1977

PETROLEUM CORPORATION OF TEXAS
Dexter Federal "J" Lease
Loco Hills, New Mexico

INTRODUCTION:

A sample of water has been analyzed in our laboratory and we are pleased to submit a water analysis which includes total dissolved solids, pH, and the concentrations of chlorides and sulfates.

WATER ANALYSIS:

Total Solids-----	2,171 Mg/L
pH-----	7.20-----
Iron-----	.09 Mg/L
Calcium Bicarbonate (CaHCO ₃)-----	288 Mg/L
Calcium Sulfate (CaSO ₄)-----	141 Mg/L
Calcium Chloride (CaCl ₂)-----	222 Mg/L
Magnesium Chloride (MgCl ₂)-----	160 Mg/L
Sodium Chloride (NaCl)-----	1,360 Mg/L

BEFORE EXAMINER STAMETS
OIL CONSERVATION COMMISSION

Appn EXHIBIT NO. 4
CASE NO. 5996

Submitted by _____
Receiving Date 7-20-77

Dr. William B. Hughes
Chemist