

P. O. BOX 1468
 MONAHANS, TEXAS 79756
 PH. 943-3234 OR 563-1040

Martin Water Laboratories, Inc.

709 W. INDIANA
 MIDLAND, TEXAS 79701
 PHONE 683-4521

RESULT OF WATER ANALYSES

TO: Mr. Joe Clements LABORATORY NO. 894174
P. O. Box 515, Lovington, NM 88260 SAMPLE RECEIVED 8-25-94
 RESULTS REPORTED 8-26-94

COMPANY Great Western Drilling Company LEASE American Exploration

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Gaines STATE TX

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from water supply well. 8-25-94 (OGALLALA)

NO. 2 _____

NO. 3 _____

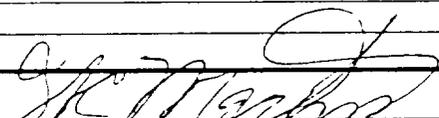
NO. 4 _____

REMARKS: _____

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F	1.0016			
pH When Sampled	7.8			
pH When Received	7.52			
Bicarbonate as HCO ₃	156			
Supersaturation as CaCO ₃	0			
Undersaturation as CaCO ₃	--			
Total Hardness as CaCO ₃	152			
Calcium as Ca	41			
Magnesium as Mg	12			
Sodium and/or Potassium	55			
Sulfate as SO ₄	81			
Chloride as Cl	43			
Iron as Fe	0.65			
Barium as Ba	0			
Turbidity, Electric	12			
Color as Pt	35			
Total Solids, Calculated	388			
Temperature °F	70			
Carbon Dioxide, Calculated	4			
Dissolved Oxygen	3.3			
Hydrogen Sulfide	0.0			
Resistivity, ohms/cm at 77° F	20.70			
Suspended Oil				
Filtrable Solids as mg/l	2.5			
Volume Filtered, ml	2,000			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks Letter of recommendation attached.

By 
 Waylan C. Martin, M.A.