

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

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, ohm-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.
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