

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

RESULT OF WATER ANALYSES

TO: XL Transportation Company
114 North Third, Jal, New Mexico

LABORATORY NO. 881184
SAMPLE RECEIVED 8-18-81
RESULTS REPORTED 8-19-81

COMPANY XL Transportation Company LEASE As Listed

FIELD OR POOL _____

SECTION _____ BLOCK _____ SURVEY _____ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Brine water - taken from Salado brine station @ Jul. 8-18-81

NO. 2 Brine water - taken from Permian brine station @ Jal. 8-18-81

NO. 3 Brine water - taken from McCasland brine station @ Kumica, 8-18-81

NO. 4 _____

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.2027	1.1563	1.2022	
pH When Sampled				
pH When Received	6.70	7.65	6.96	
Bicarbonate as HCO ₃	207	134	124	
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	5,300	5,800	8,600	
Calcium as Ca	1,720	1,280	1,640	
Magnesium as Mg	243	632	1,094	
Sodium and/or Potassium	129,610	89,364	134,545	
Sulfate as SO ₄	4,331	3,550	4,402	
Chloride as Cl	200,274	139,197	210,216	
Iron as Fe	1.5	1.5	2.2	
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	336,385	234,157	352,018	
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide				
Resistivity, ohms/m at 77° F.	0.0	0.0	0.0	
Suspended Oil	0.042	0.052	0.041	
Filtrable Solids as mg/l				
Volume Filtered, ml				
Weight, lbs/gal.	10.0	9.6	10.0	

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks

Additional Determinations And Remarks: Please contact us if we can be of any assistance in interpretation of the above results.

By _____

Waylan C. Martin, M. A.