

Martin Water Laboratories

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

RESULT OF WATER ANALYSES

406 W. ILLINOIS
MIDLAND, TEXAS 79701
PHONE 693-4521

TO: Mr. Bart Belknap LABORATORY NO. 274218 (Page 3)
P. O. Box 1600 Midland, Texas SAMPLE RECEIVED 2-28-74
RESULTS REPORTED 3-6-74

COMPANY Exxon Company, U. S. A. LEASE Wildcat
FIELD OR POOL Wildcat
SECTION BLOCK SURVEY COUNTY STATE
SOURCE OF SAMPLE AND DATE TAKEN: Recovered water - swabbing 555 bbls. 3-1-74

NO. 1 Recovered water - swabbing 555 bbls. 3-1-74
NO. 2 Recovered water - swabbing 558.5 bbls. 3-1-74
NO. 3 Recovered water - swabbing 562.0 bbls. 3-1-74
NO. 4 Raw water - taken from Ranch Pond. 3-1-74

REMARKS:

CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0047	1.0050	1.0053	1.0008
pH When Sampled				
pH When Received	6.0	6.2	6.1	7.4
Bicarbonate as HCO ₃	303	329	337	299
Supersaturation as CaCO ₃				
Undersaturation as CaCO ₃				
Total Hardness as CaCO ₃	3,200	3,350	3,350	108
Calcium as Ca	952	960	968	24
Magnesium as Mg	199	231	226	20
Sodium and/or Potassium	0	30	103	230
Sulfate as SO ₄	1,747	1,870	1,961	276
Chloride as Cl	806	852	902	111
Iron as Fe	60	88	69	2.5
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	4,067	4,360	4,571	963
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen, Winkler				
Hydrogen Sulfide	0.0	0.0	0.0	0.0
Resistivity, ohms/m at 77° F.	2.10	2.03	2.00	7.60
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks

Please contact us for any details or discussions concerning the above results.

RECEIVED
U.S. GEOLOGICAL SURVEY
ARTERIA, NEW MEXICO
J. B. 1374

