

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. Scott E. Gengler LABORATORY NO. 1293169-DW1233-1  
P. O. Box 50250, Midland, TX 79710 SAMPLE RECEIVED 12-22-93  
 RESULTS REPORTED 12-27-93

COMPANY Oxy U.S.A., Inc. LEASE Linom Ranch  
 FIELD OR POOL NW/4 Sec 4 T-19-S R-37-E  
 SECTION      BLOCK      SURVEY      COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

- NO. 1 Raw water - taken from water well. 12-21-93
- NO. 2
- NO. 3
- NO. 4

REMARKS:     

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0019			
pH When Sampled				
pH When Received	7.20			
Bicarbonate as HCO <sub>3</sub>	244			
Supersaturation as CaCO <sub>3</sub>				
Undersaturation as CaCO <sub>3</sub>				
Total Hardness as CaCO <sub>3</sub>	228			
Calcium as Ca	70			
Magnesium as Mg	13			
Sodium and/or Potassium	35			
Sulfate as SO <sub>4</sub>	54			
Chloride as Cl	34			
Iron as Fe	0.04			
Barium as Ba				
Turbidity, Electric				
Color as Pt				
Total Solids, Calculated	450			
Temperature °F.				
Carbon Dioxide, Calculated				
Dissolved Oxygen,				
Hydrogen Sulfide	0.0			
Resistivity, ohms/m at 77° F.	19.80			
Suspended Oil				
Filtrable Solids as mg/l				
Volume Filtered, ml				
Nitrate, as N	1.8			

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks The undersigned certifies the above to be true and correct to the best of his knowledge and belief.

NEW MEXICO  
 WATER CONSERVATION DIVISION

EXHIBIT 6A

Form No. 3

10866/10867

By

Waylan C. Martin, M.A.