

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

## RESULT OF WATER ANALYSES

|  |                                 |
|--|---------------------------------|
| TO: <u>Mr. Hal Crabb</u>                     | LABORATORY NO. <u>119714</u>    |
| <u>P.O. Box 2267, Midland, TX 79702-2267</u> | SAMPLE RECEIVED <u>11-3-97</u>  |
|  | RESULTS REPORTED <u>11-6-97</u> |

COMPANY Enron Oil & Gas Company LEASE Sand Tank "1" Federal Com. #1  
FIELD OR POOL Sand Tank  
SECTION      BLOCK      SURVEY      COUNTY Eddy STATE NM  
SOURCE OF SAMPLE AND DATE TAKEN:     

NO.1 Recovered water - taken from Sand Tank "1" Federal Com. #1.

NO. 2 \_\_\_\_\_

NO. 3 \_\_\_\_\_

NO. 4 \_\_\_\_\_

## REMARKS:

| CHEMICAL AND PHYSICAL PROPERTIES     |        |       |       |       |
|--------------------------------------|--------|-------|-------|-------|
|                                      | NO. 1  | NO. 2 | NO. 3 | NO. 4 |
| Specific Gravity at 60° F.           | 1.0247 |       |       |       |
| pH When Sampled                      |        |       |       |       |
| pH When Received                     | 7.02   |       |       |       |
| Bicarbonate as HCO <sub>3</sub>      | 830    |       |       |       |
| Supersaturation as CaCO <sub>3</sub> |        |       |       |       |
| Undersaturation as CaCO <sub>3</sub> |        |       |       |       |
| Total Hardness as CaCO <sub>3</sub>  | 3,000  |       |       |       |
| Calcium as Ca                        | 840    |       |       |       |
| Magnesium as Mg                      | 219    |       |       |       |
| Sodium and/or Potassium              | 12,686 |       |       |       |
| Sulfate as SO <sub>4</sub>           | 343    |       |       |       |
| Chloride as Cl                       | 20,951 |       |       |       |
| Iron as Fe                           | 112    |       |       |       |
| Barium as Ba                         |        |       |       |       |
| Turbidity, Electric                  |        |       |       |       |
| Color as Pt                          |        |       |       |       |
| Total Solids, Calculated             | 35,868 |       |       |       |
| Temperature °F.                      |        |       |       |       |
| Carbon Dioxide, Calculated           |        |       |       |       |
| Dissolved Oxygen,                    |        |       |       |       |
| Hydrogen Sulfide                     | 0.0    |       |       |       |
| Resistivity, ohms/m at 77° F.        | 0.223  |       |       |       |
| Suspended Oil                        |        |       |       |       |
| Filtrable Solids as mg/l             |        |       |       |       |
| Volume Filtered, ml                  |        |       |       |       |
|                                      |        |       |       |       |
|                                      |        |       |       |       |
|                                      |        |       |       |       |

Results Reported As Milligrams Per Liter

Additional Determinations And Remarks We are not familiar with the zone being tested. However, we do note that the results are very similar to our records of Morrow in this field.