



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240

Telephone: (505) 397-3713

WATER ANALYSIS

COMPANY Marathon Oil Co.

SAMPLE Warn State #6 DST #1 Bottom

SAMPLED BY Marathon Oil Co.

DATE TAKEN 01-01-94

REMARKS

| | | |
|----------------------------|---------|-------|
| Barium as Ba | 25.00 | |
| Carbonate alkalinity PPM | 0.00 | |
| Bicarbonate alkilinity PPM | 1700.00 | |
| pH at Lab | 7.00 | |
| Specific Gravity @ 60° F | 1.020 | |
| Magnesium as Mg | 1,856 | |
| Total Hardness as CaCO3 | 3,200 | |
| Chlorides as Cl | 4,236 | |
| Sulfate as SO4 | 2875.00 | |
| Iron as Fe | 10.25 | |
| Potassium | 1.17 | |
| Hydrogen Sulfide | 0.00 | |
| Resistivity Ohms | 1.2400 | 22.70 |
| Total Dissolved Solids | 9,750 | |
| Carbonate as CO3 Gm/L | 8.28 | |
| Calcium as Ca | 1,344 | |
| Nitrate | 4.40 | |

Results reported as Parts per Million unless stated

Langelier Saturation Index +0.78

Analysis by Rolland Perry

Date: 01-02-94