



HALLIBURTON DIVISION LABORATORY  
HALLIBURTON SERVICES  
MIDLAND DIVISION  
HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

No. 170

To Woodbine Petroleum

Date 04-30-91

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Submitted by Lock Pumping Date Rec. 04-30-91

Well No. Vates #4 Depth 2800 Formation \_\_\_\_\_

County \_\_\_\_\_ Field \_\_\_\_\_ Source Well Head

Resistivity ..... .26316 @ 80°F

Specific Gravity ..... 1.020

pH ..... 6.6

Calcium (Ca) ..... 1600 mpl \*MPL

Magnesium (Mg) ..... 270 mpl

Chlorides (Cl) ..... 18500 mpl

Sulfates (SO<sub>4</sub>) ..... light

Bicarbonates (HCO<sub>3</sub>) ..... 2310 mpl

Soluble Iron (Fe) ..... nil

Remarks: \_\_\_\_\_ \*Milligrams per liter

Respectfully submitted,

Analyst: \_\_\_\_\_

HALLIBURTON COMPANY

cc: \_\_\_\_\_ By \_\_\_\_\_ CHEMIST

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