

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

No. W83-895To Pogo Production CompanyDate 7-26-83Box 10340Midland, Texas

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Submitted by _____ Date Rec. 7-26-83Well No. _____ State WES #1 Depth 9,937' Formation Bough "B"County Lea Field Saunders Source DST #4 - #418138

| | Sampler | Tool Top | Fluid Change |
|----------------------------------|---------------|---------------|---------------|
| Resistivity | 0.094 @ 74°F. | 0.095 @ 74°F. | 0.100 @ 74°F. |
| Specific Gravity | 1.074 | | |
| pH | 6.3 | | |
| Calcium (Ca) | 6,600 | | *MPL |
| Magnesium (Mg) | 600 | | |
| Chlorides (Cl) | 63,000 | 64,000 | 62,000 |
| Sulfates (SO ₄) | 2,150 | | |
| Bicarbonates (HCO ₃) | 290 | | |
| Soluble Iron (Fe) | 90 | | |

| | | |
|-----------------|------------------------|-------------------------|
| Top of Recovery | - Res. @ 74°F. - 0.185 | Chlorides, mpl - 24,000 |
| Pit Sample | - Res. @ 74°F. - 0.474 | Chlorides, mpl - 6,000 |

Remarks:

*Milligrams per liter

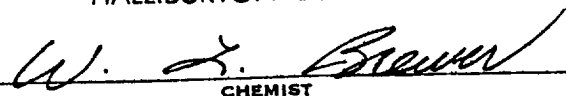
Respectfully submitted,

Analyst: Brewer

HALLIBURTON COMPANY

cc:

By



CHEMIST

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