

## HALLIBURTON DIVISION LABORATORY

HALLIBURTON COMPANY  
LOVINGTON, NEW MEXICO

TICKET NUMBER: 298269

## LABORATORY WATER ANALYSIS

No. W77-947To Hilliard Drilling CompanyDate 11-18-771190 Midland National Bank TowerMidland, Texas

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Submitted by \_\_\_\_\_ Date Rec. 11-18-77Well No. Phillips State #1 Depth 14,081' Formation DevonianCounty Lea Field Wildcat Source DST #1

	SAMPLER	MIDDLE OF RECOVERY	TOP OF RECOVERY
Resistivity .....	0.193 @ 74°	0.193 @ 74°F	1.78 @ 74°F
Specific Gravity .....	1.038		
pH .....	6.3		
Calcium (Ca) .....	6,300		*MPL
Magnesium (Mg) .....	Nil		
Chlorides (Cl) .....	28,500	28,500	2,500
Sulfates (SO <sub>4</sub> ) .....	3,200		
Bicarbonates (HCO <sub>3</sub> ) .....	2,400		
Soluble Iron (Fe) .....	Nil		
.....			
.....			

... Pit. Samler - Res. @ 74°F - 0.590 Chlorides, mpl - 6,000

Remarks:

\*Milligrams per liter

Respectfully submitted,

Analyst: Brewer

HALLIBURTON COMPANY

cc:

By \_\_\_\_\_

CHEMIST

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