

## HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES

MIDLAND DIVISION

HOBBS, NEW MEXICO 88240

## LABORATORY WATER ANALYSIS

No. W83-1024To Santa Fe EnergiesDate 8-29-837200 I-40 WestAmarillo, Texas

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Submitted by \_\_\_\_\_ Date Rec. 8-28-83Well No. State UTP #2 Depth 10,020' Formation BursanCounty Lea Field Anderson Ranch Source DST #1

	ToolTop	Pit Sample
Resistivity	0.219 @ 74°F.	0.804 @ 74°F.
Specific Gravity	1.028	
pH	6.3	
Calcium (Ca)	1,100	
Magnesium (Mg)	150	
Chlorides (Cl)	19,000	3,000
Sulfates (SO <sub>4</sub> )	2,200	
Bicarbonates (HCO <sub>3</sub> )	1,585	
Soluble Iron (Fe)	60	
Sampler - 100% Oil - API Gr. @ 60°F. - 424		
Top Rec. - 100% Oil - API Gr. @ 60°F. - 41.0		
Flow Sample - 100% Oil - API Gr. @ 60°F. - 38.3		

Remarks:

\*Milligrams per liter

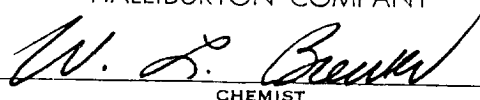
Respectfully submitted,

Analyst: Brewer

cc:

HALLIBURTON COMPANY

By



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