

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES
MIDLAND DIVISION
HOBBS, NEW MEXICO 88240

LABORATORY WATER ANALYSIS

TICKET #186331

No. W81-749To Dorchester Exploration CompanyDate 8-27-81Box 96Hobbs, New Mexico

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Submitted by _____ Date Rec. 8-27-81Well No. Saunders State #1 Depth 10,550' Formation Upper PennCounty Lea Field Cerca Source DST #1

	Sampler	Tool Top	Fluid Change
Resistivity	0.074 @ 74°F.	0.074 @ 74°F.	0.086 @ 74°F.
Specific Gravity	1.083		
pH	6.2		
Calcium (Ca)	4,200		*MPL
Magnesium (Mg)	480		
Chlorides (Cl)	72,000	72,000	56,000
Sulfates (SO ₄)	2,450		
Bicarbonates (HCO ₃)	730		
Soluble Iron (Fe)	140		

Top of Recovery - Res. @ 74°F. - 0.530 Chlorides, mpl - 3,500

Pit Sample - Res. @ 74°F. - 0.530 Chlorides, mpl - 3,500

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Brewer

cc:

HALLIBURTON COMPANY

By W. L. Brewer

CHEMIST

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