

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

TICKET #163239
No. W81-928

To Mapco Production Company, Inc.
Box 2180
Ardmore, Oklahoma

Date 10-12-81

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Submitted by _____ Date Rec. 10-12-81

Well No. State 27-1 Depth 10,460' Formation Bough "A"

County Lea Field N.W. Lovington Source DST #1

	Sampler	Tool Top	Fluid Change #1
Resistivity	0.091 @ 74°F.	0.099 @ 74°F.	0.439 @ 74°F.
Specific Gravity	1.062		
pH	6.3		
Calcium (Ca)	3,850		*MPL
Magnesium (Mg)	300		
Chlorides (Cl)	51,000	47,000	8,000
Sulfates (SO ₄)	3,300		
Bicarbonates (HCO ₃)	695		
Soluble Iron (Fe)	Nil		

Fluid Change #2 - Res. @ 74°F. - 0.100 Chlorides, mpl - 45,000
Pit Sample - Res. @ 74°F. - 0.363 Chlorides, mpl - 8,000

Top of Recovery - 100% oil - API Gr. @ 60°F. - 37.1

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Brewer

HALLIBURTON COMPANY

cc:

By W. L. Brewer
CHEMIST

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