

HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES
MIDLAND DIVISION
HOBBS, NEW MEXICO 88240

TICKET NO. 163582

LABORATORY WATER ANALYSIS

No. W82-195

o Kimbark Oil & Gas Company

Date 2-22-82

1580 Lincoln Street, Suite 700

D enver, Colorado 80203

This report is the property of Halliburton Company and neither it nor any part thereof nor a copy thereof is to be published or disclosed without first securing the express written approval of laboratory management; it may however, be used in the course of regular business operations by any person or concern and employees thereof receiving such report from Halliburton Company.

Submitted by _____ Date Rec. 2-22-82

Well No. NM State "4" #1 Depth 13,325' Formation Devonian

County Lea Field W. Lovington Source DST #5

	Sampler	Tool Top	Fluid Change #1
Resistivity	0.209 @ 74°F.	0.422 @ 74°F.	0.515 @ 74°F.
Specific Gravity	1.026		
pH	6.9		
Calcium (Ca)	2,000		*MPL
Magnesium (Mg)	90		
Chlorides (Cl)	18,000	7,000	500
Sulfates (SO ₄)	2,650		
Bicarbonates (HCO ₃)	1,465		
Soluble Iron (Fe)	90		

Fluid Change #2	- Res. @ 74°F. - 0.605	Chlorides, mpl - 1,000
Fluid Change #3	- Res. @ 74°F. - 0.424	Chlorides, mpl - 7,000
Fluid Change #4	- Res. @ 74°F. - 0.246	Chlorides, mpl - 15,000
Top of Fluid	= Res. @ 74°F. - 0.532	Chlorides, mpl - 500
Pit Sample	- Res. @ 74°F. - 0.716	Chlorides, mpl - 1,000

Remarks:

*Milligrams per liter

Respectfully submitted,

Analyst: Brewer

HALLIBURTON COMPANY

C:

By W. L. Brewer
CHEMIST

NOTICE

THIS REPORT IS LIMITED TO THE DESCRIBED SAMPLE TESTED. ANY USER OF THIS REPORT AGREES THAT HALLIBURTON SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER IT BE TO ACT OR OMISSION, RESULTING FROM SUCH REPORT OR ITS USE.

12