

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

No. WS-87-243

To Mr. M. Y. Merchant

Date 12-12-87

PENROC

P. O. Box 5970

Hobbs NM 88240

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 M.Y. Merchant

Date Rec. 12-10-87

Well No. N.A.

Depth N.A.

Formation _____

County Lea Co. NM

Field Buckeye Area

Source water well / Devonian well

	<u>water well</u>	<u>Devonian well</u>
Resistivity	<u>3.41 @ 68°F</u>	<u>.09 @ 68°F</u>
Specific Gravity	<u>1.002</u>	<u>1.066</u>
pH	<u>7.2</u>	<u>7.6</u>
Calcium (Ca)	<u>45</u>	<u>2150</u>
Magnesium (Mg)	<u>30</u>	<u>330</u>
Chlorides (Cl)	<u>950</u>	<u>55000</u>
Sulfates (SO ₄)	<u>nil</u>	<u>heavy</u>
Bicarbonates (HCO ₃)	<u>240</u>	<u>1284</u>
Soluble Iron (Fe)	<u>nil</u>	<u>nil</u>

Remarks: water taken from wells in the same area for comparison purposes.

*Milligrams per liter

C. R. Moore

Respectfully submitted,

Charles Ray Moore

Analyst: crm

HALLIBURTON COMPANY

By crm

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.

