

**HALLIBURTON ENERGY SERVICES  
WATER ANALYSIS REPORT  
HOBBS NEW MEXICO**

COMPANY Saga Petroleum  
Fax: 915-684-0829

REPORT 97-152  
DATE 5/2/97  
DISTRICT Hobbs

SUBMITTED BY \_\_\_\_\_

WELL Off set water well DEPTH \_\_\_\_\_ FORMATION \_\_\_\_\_  
COUNTY \_\_\_\_\_ FIELD \_\_\_\_\_ SOURCE \_\_\_\_\_

SAMPLE	<u>See below</u>		
RESISTIVITY	<u>11.0988 @ 72 °F</u>	<u>        @        °F</u>	<u>        @        °F</u>
SPECIFIC GR.	<u>0.988</u>		
pH	<u>7.46</u>		
CALCIUM	<u>150</u> mpl	<u>        </u> mpl	<u>        </u> mpl
MAGNESIUM	<u>75</u> mpl	<u>        </u> mpl	<u>        </u> mpl
CHLORIDE	<u>270</u> mpl	<u>        </u> mpl	<u>        </u> mpl
SULFATES	<u>100</u> mpl	<u>        </u> mpl	<u>        </u> mpl
BICARBONATES	<u>195</u> mpl	<u>        </u> mpl	<u>        </u> mpl
SOLUBLE IRON	<u>0</u> mpl	<u>        </u> mpl	<u>        </u> mpl
OIL GRAVITY	<u>        @        °F</u>	<u>        @        °F</u>	<u>        @        °F</u>

REMARKS Water well located approximately 1 mile north west of disposal  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ANALYST: *ALEJANDRO*

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Resistivity measured in: Ohm/m2/m