

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

WATER ANALYSIS

ANALYSIS NO.

GENERAL INFORMATION

OPERATOR <i>Yates</i>	DATE SAMPLED <i>2-1-91</i>
WELL <i>MARTHA-ARK 141</i>	DATE RECEIVED <i>2-1-91</i>
FIELD	SUBMITTED BY <i>Crew</i>
FORMATION <i>Delaware</i>	WORKED BY <i>Shepherd</i>
COUNTY <i>Lea Co.</i>	SAMPLE DESCRIPTION:
STATE <i>NM.</i>	
DEPTH <i>7900</i>	

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY <i>1.155</i> AT <i>71 °F</i>	TOTAL DISSOLVED SOLIDS	PPM
pH <i>5.7</i>	RESISTIVITY <i>.047 @ 68</i>	PPM
IRON <i>250 ppm Fe²⁺</i>	SULFATE <i>350</i>) <i>303</i>	PPM
HYDROGEN SULFIDE	BICARBONATE <i>3063</i>	PPM
<i>7.5</i> HARDNESS	CHLORIDE <i>121212</i>	PPM
<i>5.9</i> CALCIUM <i>20432</i>	SODIUM CHLORIDE	PPM
<i>4.6</i> MAGNESIUM <i>3366</i> PPM	SODIUM	PPM
SODIUM & POTASSIUM <i>50096</i> PPM	POTASSIUM	PPM
PHOSPHATE		

REMARKS: *20 % oil in sample water is cloudy*

for Stiff type plot (in meq./l.)

