

THE WESTERN COMPANY OF NORTH AMERICA

WATER ANALYSIS

HOBBS, NEW MEXICO LAB

ANALYSIS #: HB010210

GENERAL INFORMATION

OPERATOR: HALLWOOD PETROLEUM INC.

DEPTH: 0

WELL: BASS FEDERAL #1

DATE SAMPLED: 9/12/94

FIELD: *South Salt Lake Deep*

DATE RECEIVED:

ANALYZED BY:

COUNTY: LEA

WORKED BY: MIKE LEE

STATE: NM

PHONE #: 505-392-5556

SAMPLE DESCRIPTION:

PRODUCED WATER TANK, MORROW FORMATION WELL

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY: 1.000 @ 80 °F

PH: 6.72

RESISTIVITY (CALC.): 3.85 OHMS @ 75 °F

IRON (FE++): 50 PPM

SULFATE: 650 PPM

CALCIUM: 80 PPM

TOTAL HARDNESS: 240 PPM

MAGNESIUM: 10 PPM

BICARBONATE: 305 PPM

CHLORIDE: 240 PPM

SODIUM CHLORIDE (CALC): 395 PPM

SODIUM+POTASS: 471 PPM

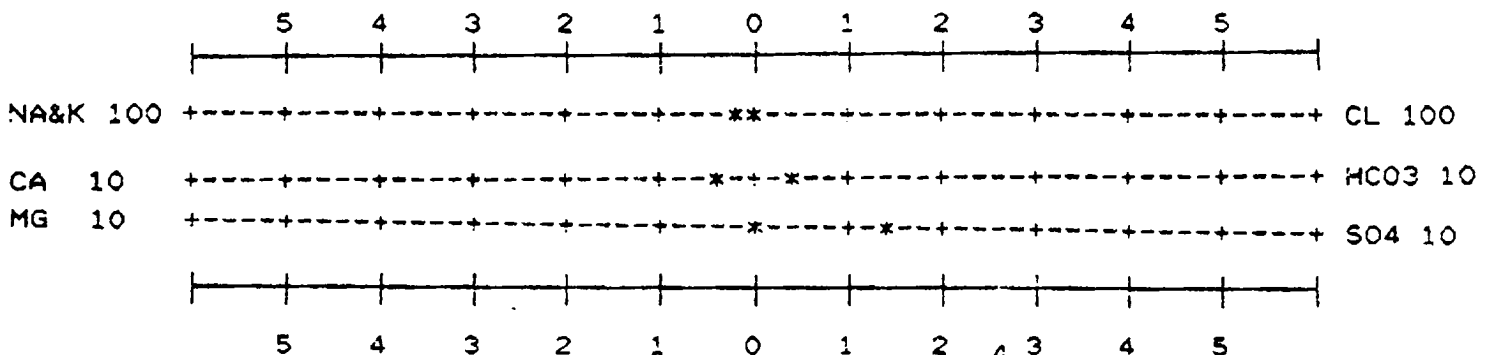
TOT. DISSOLVED SOLIDS: 1906 PPM

H2S NONE:

IRON NONE:

REMARKS:

STIFF TYPE PLOT (IN MEQ/L)



ANALYST

Mike Lee
MIKE LEE