

DEVONIAN ANALYSIS

THE WESTERN COMPANY OF NORTH AMERICA
WATER ANALYSIS

HOBBS, NEW MEXICO LAB

ANALYSIS #: HB010501

GENERAL INFORMATION

OPERATOR: MANZANO OIL CORP.
WELL: SV SUNDOWN ST. #1
FIELD:
FORMATION:
COUNTY:
STATE:

DEPTH: 0
DATE SAMPLED: 3/30/95
DATE RECEIVED: 3/30/95
SUBMITTED BY:
WORKED BY: MIKE LEE
PHONE #: 505-392-5556

SAMPLE DESCRIPTION: MORNING SAMPLE

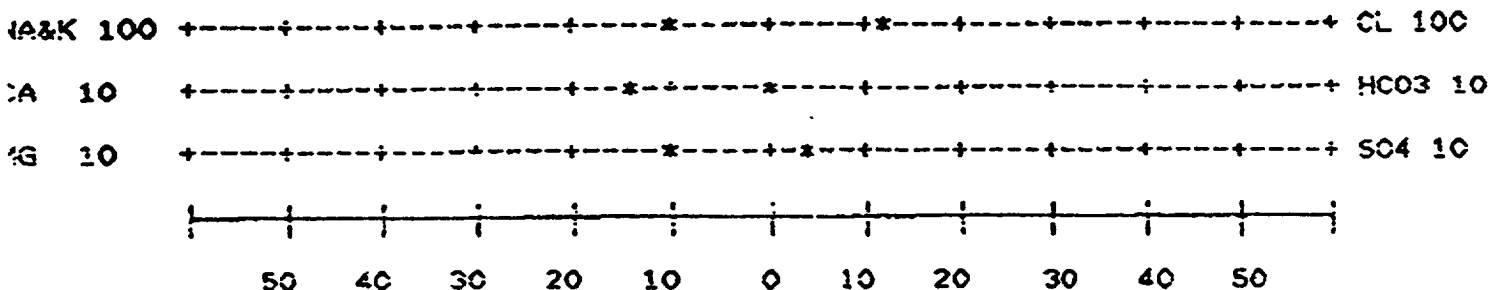
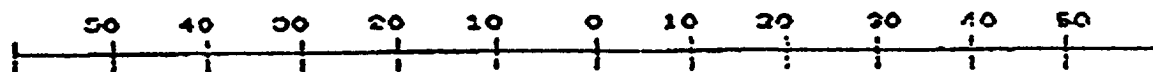
PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY: 1.050 @ 62 °F PH: 5.65
RESISTIVITY (CALC.): .095 OHMS @ 75 °F
IRON (FE++): 2500 PPM SULFATE: 1571 PPM
CALCIUM: 2667 PPM TOTAL HARDNESS: 11905 PPM
MAGNESIUM: 1273 PPM BICARBONATE: 465 PPM
CHLORIDE: 39991 PPM SODIUM CHLORIDE (CALC) 65785 PPM
SODIUM+POTASS: 21398 PPM TOT. DISSOLVED SOLIDS: 75330 PPM
H2S : NONE

REMARKS: 3PM SAMPLES DID NOT HAVE ENOUGH WATER FOR ANALYSIS.

API OIL GRAVITY FOR AFTERNOON SAMPLES WAS 37.5

STIFF TYPE PLOT (IN MEQ/L)



ANALYST MIKE LEE