

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

SOURCE WATER

WATER ANALYSIS

ANALYSIS NO.

GENERAL INFORMATION

OPERATOR Petrus

DATE SAMPLED 5/29/87

WELL St. MM

DATE RECEIVED 5/29/87

FIELD

SUBMITTED BY

FORMATION

WORKED BY Dan Johnson

COUNTY Lea

SAMPLE DESCRIPTION: production water

STATE New Mexico

DEPTH

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY 1.020 AT 70 °F

TOTAL DISSOLVED SOLIDS

PPM

pH 9.2

RESISTIVITY

PPM

IRON none

SULFATE 3431

PPM

HYDROGEN SULFIDE strong

BICARBONATE 1184

PPM

HARDNESS 6569

CHLORIDE 13,725

PPM

CALCIUM 1961

SODIUM CHLORIDE

PPM

MAGNESIUM 405 PPM

SODIUM

PPM

SODIUM & POTASSIUM 7974 PPM

POTASSIUM

PPM

PHOSPHATE

REMARKS:

Stiff type plot (in meq./l.)

