

RUSSELL ENGINEERING

Water Analysis Report

for

LAB NO. W-423

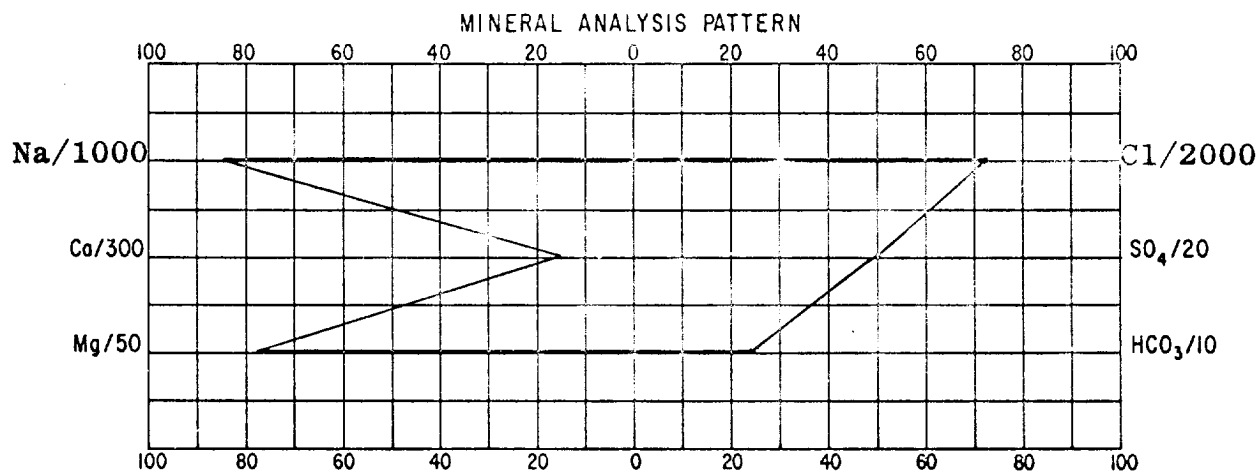
HANSON, WATERS, & WILLIAMSON

WELL Water Supply Well No. 2-X DATE SAMPLED 8-29-59 DATE ANALYZED 8-31-59

FIELD Coyote (Queen) Pool COUNTY Chaves STATE New Mexico

SOURCE Glorietta Sand, 3200' Depth

SAMPLE OF: PRODUCED WATER ☒ INJECTION WATER ☐ OTHER ☐



SUSPENDED SOLIDS PPM
 TURBIDITY as SiO₂ (Agitated) 160+
 TURBIDITY as SiO₂ (Filtered) 4
 IRON 495

DISSOLVED GASES PPM
 HYDROGEN SULPHIDE 0
 CARBON DIOXIDE 125
 OXYGEN N.D.

PHYSICAL PROPERTIES PPM
 SPECIFIC GRAVITY 1.164
 pH 6.5
 CONDUCTIVITY 0.050

DISSOLVED SOLIDS PPM
 TOTAL ALKALINITY as CaCO₃ 200
 SUPERSATURATION as CaCO₃ 4
 UNDERSATURATION as CaCO₃ -
 CALCIUM 4,540
 MAGNESIUM 3,860
 BARIUM 0
 SODIUM (Calculated) 84,500
 CHLORIDE 145,000
 SULPHATE 1,000
 SILICA 3
 IRON 5
 IRON (Total) 500
 TOTAL DISSOLVED SOLIDS (Calculated) 238,400

N.D. - Not determined.