

Analyses by Geological Survey, United States Department of the Interior
(Parts per million)

46238

Laboratory Number	17947					
Date of collection.....	12-11-51					
Silica (SiO ₂).....	---					
Iron (Fe).....	---					
Calcium (Ca).....	890					
Magnesium (Mg).....	102					
Sodium (Na).....	) 1510					
Potassium (K).....						
Bicarbonate (HCO ₃).....	994					
Sulfate (SO ₄).....	1840					
Chloride (Cl).....	2270					
Fluoride (F).....	---					
Nitrate (NO ₃).....	---					
Boron (B).....	---					
Dissolved solids:						
Sum - ppm.....	7100					
- tons/a.ft.....	9.66					
Hardness as CaCO ₃ :						
Total.....	2640					
Noncarbonate.....	1830					
Specific conductance (Micromhos at 25° C.)...	10,000					
Percent sodium.....	55					
pH.....	---					

Lab. No. - 17947 - Field No. Hoover No. 1 - Montoyo, Quay Co., New Mexico - NWSE 1/4 sec.
30 T 11 RR 28E oil test well depth 2420' - dia. 8" D.D. drilling
Owner: Dr. Hoover Ray Oil Co. - WBF yeso from 2167' to 2420' + flows
coll. by Eugene A. Chavez Box 871 Santa Fe, N. Mex., Oil conservation
Comm.