

STATE OF NEW MEXICO
OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO

December 21, 1951

SUPPLEMENT TO INSPECTION REPORT OF DECEMBER 12, 1951.

Ray Oil Company

Hoover No. 1, H&ME
Sec. 30; 11N - 20E
Quay County, New Mexico

On this date the Oil Conservation Commission received a complete report on quantitative analysis of a water sample collected on December 11 at the above captioned well. The water zone from drillers' observation is approximately 2100'-2/200'. The United States Geological Survey's Laboratory at Albuquerque submitted the following analysis:

DISSOLVED SOLIDS IN PARTS PER MILLION-

Calcium (Ca) - - - - -	890
Magnesium (Mg) - - - - -	102
Sodium (Na) - - - - -	1,510
Potassium (K) - - - - -	
Bicarbonate (HCO ₃) - - - - -	994
Sulfate (SO ₄) - - - - -	1,640
Chloride (Cl) - - - - -	2,270

DISSOLVED SOLIDS: Sum in ppm - - - - -	7,100
Tons / a. ft. - - - - -	9.66
Hardness as CaCO ₃	
Total - - - - -	2,640
Non Carbonate - - - - -	1,630
Percent Sodium - - - - -	55
Specific Conductance	
(Micro-ohms at 25° C.) - - - - -	10,000

E. A. Chavez
Geologist

cc: Dr. T. B. Hoover
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