

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, NME
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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