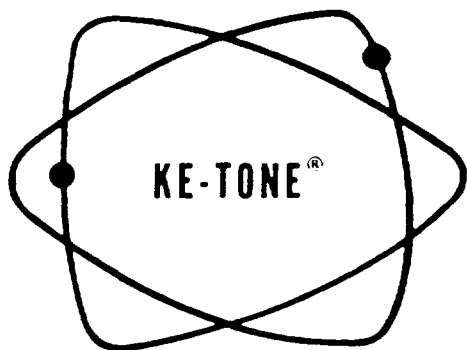


San Andres Water Analysis



UNITED CHEMICAL CORPORATION  
OF NEW MEXICO

601 NORTH LEECH

P. O. BOX 1499

HOBBS, NEW MEXICO 88240

Company Continental Oil Company

Field \_\_\_\_\_

Lease Warren McKee Well #24 Sampling Date 4-3-72

Type of Sample Source Water

WATER ANALYSIS

IONIC FORM	me/l *	mg/l *
Calcium (Ca++)	167.66	3,360
Magnesium (Mg++)	75.50	918
Sodium (Na+) <b>Calculated</b>	711.55	16,359
Iron (Total)		65
Bicarbonate (HCO <sub>3</sub> -)	12.60	768
Carbonate (CO <sub>3</sub> -)	NOT	FOUND
Hydroxide (OH-)	NOT	FOUND
Sulphate (SO <sub>4</sub> -)	45.35	2,178
Chloride (Cl-)	896.76	31,800
7.0 ph c 68 °F		
Dissolved Solids on Evap. at 103° - 105° C		
Hardness as Ca CO <sub>3</sub>	243.16	12,158
Carbonate Hardness as CaCO <sub>3</sub> (temporary)	12.60	630
Non-Carbonate Hardness as CaCO <sub>3</sub> (permanent)	230.56	11,528
Alkalinity as CaCO <sub>3</sub>	12.60	630
Specific Gravity c 68° F 1.038		

MOORE BUSINESS FORMS INC. LA

\* mg/l = milligrams per Liter

\* me/l = milliequivalents per Liter

EXHIBIT 11

BEFORE EXAMINER CATANACH  
OIL CONSERVATION DIVISION  
EXHIBIT NO. 11  
CASE NO. 9971  
Submitted by Conoco Inc.  
Hearing Date 6-27-90