

## TREAT-RITE CHEMICAL CO.

INCORPORATED

MONAHANS, TEXAS

## RESULT OF WATER ANALYSES

LABORATORY NO. M6562TO: Mr. Barney CockburnSAMPLE RECEIVED 6-4-56Box 105, Artesia, New MexicoRESULTS REPORTED 6-6-56

COMPANY Barney Cockburn LEASE Federal  
 FIELD OR POOL E. Maljamar Township: 18 S, 33 E  
 SECTION \_\_\_\_\_ BLOCK \_\_\_\_\_ SURVEY \_\_\_\_\_ COUNTY Lea STATE N. Mex.  
 SOURCE OF SAMPLE, AND DATE TAKEN:  
 NO. 1 Raw water-taken from well E. Maljamar At 125' depth.  
 NO. 2 \_\_\_\_\_  
 NO. 3 \_\_\_\_\_  
 NO. 4 \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

## CHEMICAL AND PHYSICAL PROPERTIES

	NO. 1	NO. 2	NO. 3	NO. 4
SPECIFIC GRAVITY AT 60--60° F	1.000			
PH WHEN SAMPLED				
PH WHEN RECEIVED	7.4			
TOTAL ALKALINITY AS CaCO <sub>3</sub>	124			
SUPERSATURATION AS CaCO <sub>3</sub>	-			
UNDERSATURATION AS CaCO <sub>3</sub>	30			
TOTAL HARDNESS AS CaCO <sub>3</sub>	112			
CALCIUM AS CaCO <sub>3</sub>	57			
MAGNESIUM AS CaCO <sub>3</sub>	55			
SODIUM AND/OR POTASSIUM	91			
SULFATE AS SO <sub>4</sub>	19			
CHLORIDE <u>1444</u> as Cl	12			
SILICA AS SiO <sub>2</sub>	12.4			
IRON AS Fe	none			
MANGANESE AS Mn	none			
BARIUM AS Ba	none			
TURBIDITY ELECTRIC	none			
COLOR AS Pt	none			
DISSOLVED SOLIDS AT 103 °C.	246			
TOTAL SOLIDS AT 103 °C.	246			
TEMPERATURE °F				
CARBON DIOXIDE CALCULATED	10			
DISSOLVED OXYGEN WINKLER				
HYDROGEN SULPHIDE	none			
RESIDUAL CHLORINE	none			
<u>Chlorides as NaCl</u>	20			

BEFORE THE  
 OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO  
 EXHIBIT No. 4  
 CASE 10-7

NOTE: ND-Not Determined. All Results Reported as Parts Per Million. Divide by 17.1 to Convert Grains Per Gallon

Additional Determinations and Remarks

Letter of recommendations attached.

cc: Buckles &amp; Hostetler

By

Harlan C. Martin M.A.