

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

WATER ANALYSIS REPORT

Typical

TO: HUMBLE OIL + REFINING COMPANY  
~~PO BOX 3166~~  
~~MIDLAND TEXAS 79707~~

Sample  
taken  
from stock tank  
(Prod. fluids had  
been treated w/ Enjay 7847  
Demulsifier.)

LABORATORY NO.: HOBBS015  
DATE: MAY 29, 1970

WELL NAME + NO.: DESMET # 1  
FIELD: DOUBLEL  
COUNTY: LEA-Chaves  
SAMPLE PT.: WELL

DEPTH: 2000 FT  
FORMATION: QUEEN  
STATE: NEW MEXICO  
SAMPLE ID: PRODUCED

DISSOLVED SOLIDS

OTHER PROPERTIES

CATIONS	MG/L	MEQ/L
SODIUM, NA	103928	4510
CALCIUM, CA	4000	199
MAGNESIUM, MG	9245	760

PH = 5.50  
SP GR = 1.200  
RESISTIVITY = .0000

ANIONS

CHLORIDES, CL	191467	5399
SULFATES, SO4	3200	66
BICARBONATES, HCO3	274	4

THE CALCIUM SULFATE STABILITY INDEX IS 16.99

A POSITIVE NUMBER INDICATES THE CALCIUM SULFATE IN SOLUTION EXCEEDS THE SATURATION LIMIT AND CAN PRECIPITATE.

REMARKS AND RECOMMENDATIONS:

BEFORE EXAMINER UTZ  
CONSERVATION COMMISSION  
EXHIBIT NO. 2  
CASE NO. 4388