

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

WATER ANALYSIS REPORT

TO: PETROLEUM CORPORATION OF TEXAS
707 MANN
ARTESIA, NEW MEXICO 88210

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION

EXHIBIT NO. 8

CASE NO. 4689

Submitted by P. C. of Texas

Hearing Date 5/5/72

LABORATORY NO.: H401

DATE: MARCH 15, 1972

WELL NAME + NO.: JENKINS B 1

DEPTH: 3100 FT

FIELD: FLINT

FORMATION: GRAYBURG

COUNTY: EDDY

STATE: NEW MEXICO

SAMPLE PT.: SEPERATOR

SAMPLE ID: PRODUCED

DISSOLVED SOLIDS

OTHER PROPERTIES

CATIONS

MG/L

MEQ/L

SODIUM, NA

69891

3033

PH =

6.70

CALCIUM, CA

3200

159

SP GR =

1.129

MAGNESIUM, MG

851

70

RESISTIVITY=

.0000

ANIONS

CHLORIDES, CL

112398

3169

SULFATES, SO4

4200

87

BICARBONATES, HCO3

366

5

THE CALCIUM CARBONATE STABILITY INDEX= 1.65375

THE CALCIUM SULFATE STABILITY INDEX IS 7.34

A NEGATIVE NUMBER INDICATES THE SCALE IN SOLUTION DOES
NOT EXCEED THE SATURATION VALUE AND SHOULD NOT PRECIPITATE.

REMARKS AND RECOMMENDATIONS:

JACK SARFF

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