

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

WATER ANALYSIS REPORT

TO: HUNBLE OIL + REFINING COMPANY
BROADMOOR BUILDING ATTENTION/BOB BEVILL
HOBBES, NEW MEXICO

LABORATORY NO.: HOBBS00166
DATE: JULY 21, 1970

WELL NAME + NO.: WATER WELL
FIELD: LITTLE LUCKY
COUNTY: CHAVES
SAMPLE PT.: WELL

DEPTH: UNKNOWN
FORMATION: UNKNOWN
STATE: NEW MEXICO
SAMPLE ID: FRESH

DISSOLVED SOLIDS

OTHER PROPERTIES

CATIONS	MG/L	MEQ/L
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SODIUM, NA	128	5
CALCIUM, CA	59	2
MAGNESIUM, MG	6	0

PH = 8.40
SP GR = 1.000
RESISTIVITY = .0000

ANIONS

CHLORIDES, CL	106	2
SULFATES, SO4	220	4
BICARBONATES, HCO3	91	1

THE CALCIUM SULFATE STABILITY INDEX IS -21.56

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

REMARKS AND RECOMMENDATIONS:
TRACE OF CARBONATE ION PRESENT

THANK FOR CALLING DOWELL. JIM RUCKER

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
EXHIBIT NO.	3
CASE NO.	4388