



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

April 8, 1963

BOX 1858
1601 WILCO BUILDING
MIDLAND, TEXAS

Major and Giebel
Grafa Building
Midland, Texas

Attention: Mr. Major

CORROSION CONTROL ON ROBINSON #1

1. The water analysis on the above well indicates that it is not scale prone; however, the iron count of 24 PPM does indicate that it is corrosive and should receive treatment to eliminate this problem.
2. The corrosion problem can be corrected by using Corban 210 WD. The corban should be injected into the power oil flow and displaced down the tubing. One gallon per day should be used for the first week and then reduced to one quart per day for the next week. At this time another water analysis should be run, and from the iron count, we can determine if this treatment is sufficient; and if so, it can possibly be reduced.
3. Water analysis should be run each month until the iron count shows we are getting the desired protection.

T. B. McKinney
T. B. McKinney
Products Engineer

TBM/jb

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
<i>Check</i> EXHIBIT NO. <u>6</u>
CASE NO. <u>2787</u>



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

FIELD LABORATORY REPORT

WATER ANALYSIS

TO: Norman Krey

LABORATORY LOCATION	Midland, Texas	REPORT NUMBER	12612
COMPANY	Sam Boren	WELL	Robinson #1
POOL	Wildcat	LOCATION	
COUNTY	Rossevelt	STATE	Texas
FORMATION	Bough "C"	DEPTH	9644'-9651'
SUBMITTED BY	Krey	TESTS DESIRED	Analysis

DATE SAMPLE SUBMITTED

4-4-63

SAMPLE SOURCE

Separator

	PPM	EPM		PPM	EPM
CALCIUM	3,190	160	CHLORIDE	49,000	1,382
MAGNESIUM	628	52	SULFATE	150	3
SODIUM	27,000	1,176	BICARBONATE	229	4
IRON	24	1	CARBONATE	0	
HYDROGEN SULFIDE	0		HYDROXIDE	0	

SPECIFIC GRAVITY

1.067

AT 65

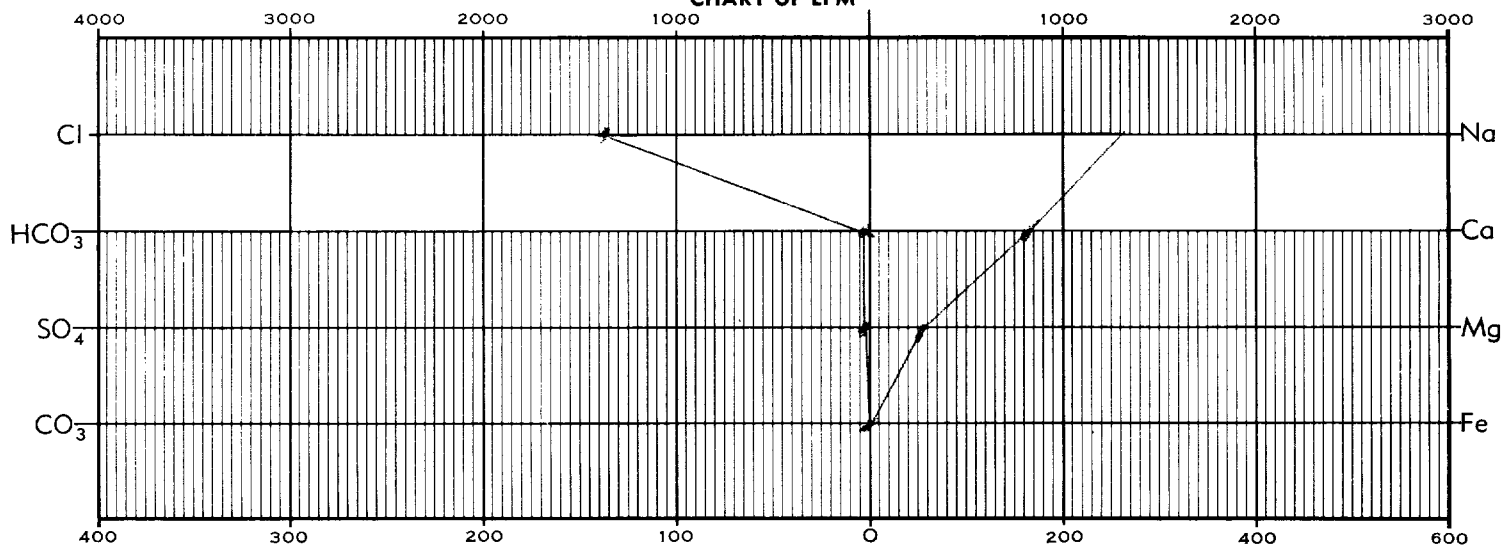
°F pH

5.7

CaCl₂/MgCl₂

% SALT SATURATION

CHART OF EPM



REMARKS:

Corrosion tests showed this sample to be corrosive.

cc: Bill Coulter-Tulsa Lab

Krey

Horton

Greer

George N. Greer, Jr. 4-8-63 GNG/fg

CHEMIST

DATE