

EXXON CHEMICAL COMPANY U.S.A.
SPECIALTIES LABORATORY

8230 Stedman, Houston, Texas 77029

October 24, 1973

WATER ANALYSIS

EXXON
CHEMICALS

SAMPLE DESCRIPTION: Produced water from Mattix "A" #3 submitted for routine correlation.
Sample taken 10-23-73.

COMPANY: Skelly Oil Company

STSR NUMBER: #1073143

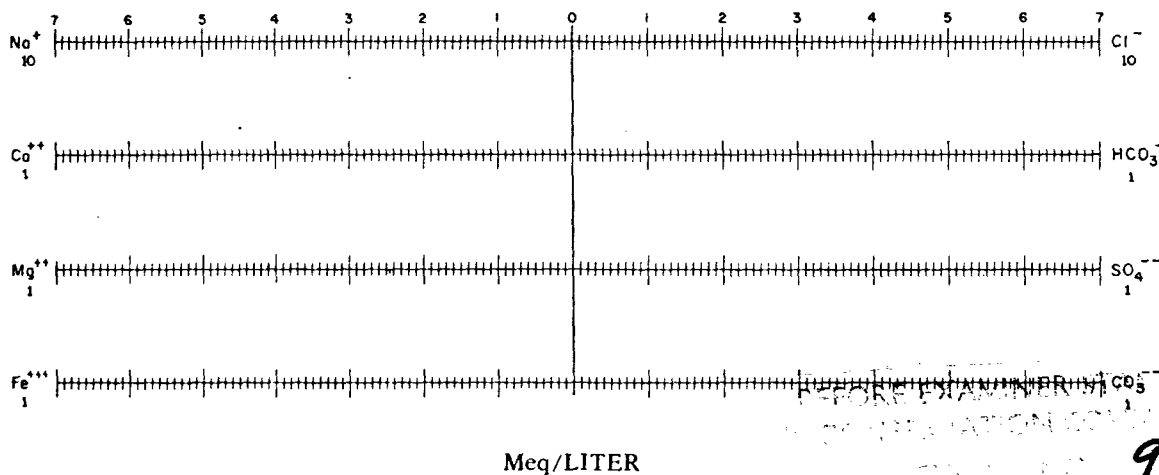
REQUESTED BY: Harold Langen

DATE RECEIVED: 10-23-73

ANALYZED BY: Gene Keil

	<u>Mg/L</u>	<u>Meq/L</u>		
Sodium	18,506	804.6	pH	8.8
Calcium	2,728	136.4	Specific Gravity at 60 °F.	1.0471
Magnesium	2,765	227.6	Resistivity, ohms/m @ 77°F.	0.136
Chloride	39,060	1,101.5		<u>Mg/L</u>
Sulfate	1,147	23.9	Oil Content	
Bicarbonate	2,001	32.8	Organic Matter	
Carbonate	312	10.4	Hydrogen Sulfide	2,600
Hydroxide	0	0.0		
TOTAL	66,519			
Dissolved Iron				
Total Iron	1.1	0.0		

WATER PATTERN (Stiff Method)



Remarks:

5087
Skelly
10-31-73

EXXON CHEMICAL COMPANY U.S.A.
SPECIALTIES LABORATORY

8230 Stedman, Houston, Texas 77029

October 5, 1973

WATER ANALYSIS

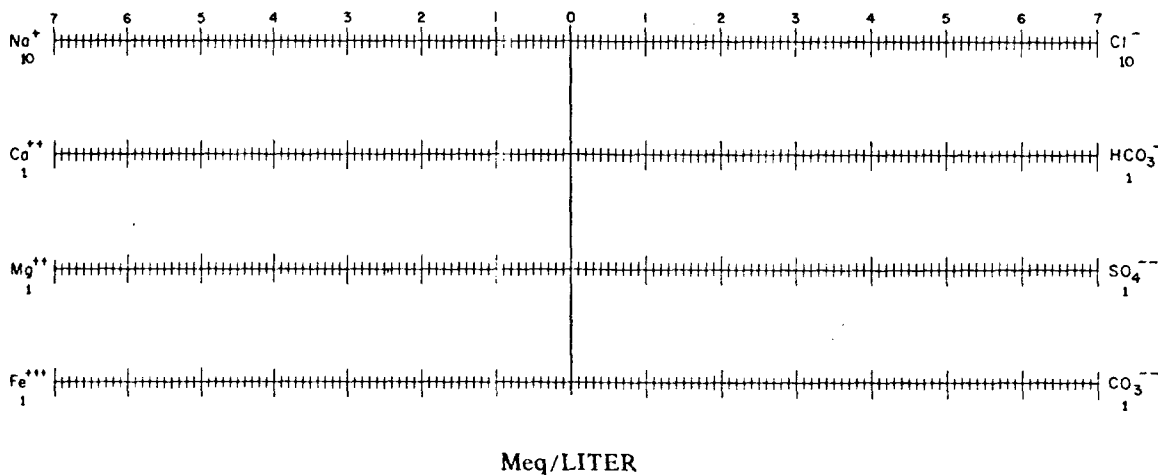
SAMPLE DESCRIPTION: Source water from Jal Water System submitted for routine correlation.
Sample taken 10-2-73.

COMPANY: Skelly Oil Company
STSR NUMBER: #107332 (Corrected Copy)
REQUESTED BY: Harold Langen

DATE RECEIVED: 10-3-73
ANALYZED BY: Gene Keil

	<u>Mg/L</u>	<u>Meq/L</u>		
Sodium	9,428	409.9	pH	7.1
Calcium	1,826	91.3	Specific Gravity at 60 °F.	1.0240
Magnesium	543	44.7	Resistivity, ohms/m @ 77°F.	0.202
Chloride	17,400	490.7		<u>Mg/L</u>
Sulfate	1,968	40.9	Oil Content	
Bicarbonate	872	14.3	Organic Matter	
Carbonate	0	0.0	Hydrogen Sulfide	375
Hydroxide	0	0.0		
TOTAL	32,037			
Dissolved Iron				
Total Iron	0.44	0.0		

WATER PATTERN (Stiff Method)



Remarks: