

Bell PETROLEUM LABORATORIES

P. O. BOX 2988

Midland, Texas 79702

PHONE 563-2628 - 694-6712

API FORM 45-1

API WATER ANALYSIS REPORT FORM

Company MOBIL		Sample No. 16436		Date Recd. 4-11-83
Field	Legal Description	County or Parish	Date Sampled	
Lease or Unit JAL GENERAL WELL	Well #4	Depth	Formation	Water, B/D
Type of Water (Produced, Supply, etc.)	Sampling Point			Sampled By

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	53.3	2.32
Calcium, Ca	79.2	0.99
Magnesium, Mg	72.0	1.48
Barium, Ba		

ANIONS

Chloride, Cl	72.7	2.05
Sulfate, SO ₄	245	1.28
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	178	1.46

Total Dissolved Solids (calc.)

700

Iron, Fe (total)

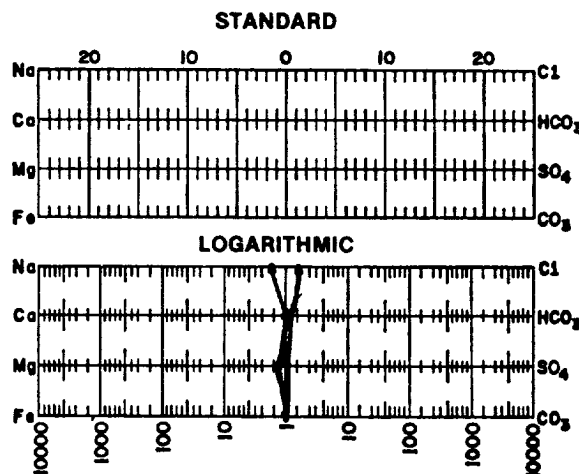
0

Sulfide, as H₂S

OTHER PROPERTIES

pH	7.7
Specific Gravity, 60/60 F.	1.0062
Resistivity (ohm-meters) 77°F.	8.70
Total Hardness, as CaCO ₃ mg/l	494
Total Alkalinity, as CaCO ₃ mg/l	160
Supersaturation, as CaCO ₃ mg/l	

WATER PATTERNS — me/l



REMARKS & RECOMMENDATIONS:

COPIES TO: INV. 3CC: KEITH BARTON - MOBIL - MIDLAND, TX

Mike Cook

ANALYSIS BY:

RECEIVED
JUN 10 1983
O.C.D.
HCSBS OFFICE