

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. 16347		Date Recd. 4-11-83
Field	Legal Description	County or Parish	State	
Lease or Unit JAL PLANT #3	Well #1	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.)	276	12.0
Calcium, Ca	139	1.74
Magnesium, Mg	60.00	1.23
Barium, Ba		

ANIONS

Chloride, Cl	388	10.9
Sulfate, SO ₄	410	2.14
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	233	1.91

Total Dissolved Solids (calc.)

1.510

Iron, Fe (total)

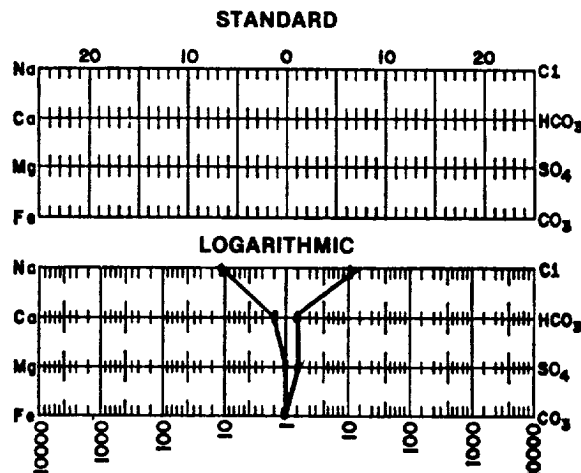
0

Sulfide, as H₂S

OTHER PROPERTIES

pH	7.1
Specific Gravity, 60/60 F.	1.0062
Resistivity (ohm-meters) 77°F.	6.70
Total Hardness, as CaCO ₃ mg/l	594
Total Alkalinity, as CaCO ₃ mg/l	210
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.
HCBBS OFFICE