

MEMBER Atlantic Richfield Company
 OPERATOR Atlantic Richfield Company
 WELL NO. Parke Lease
 FIELD West Padroni
 COUNTY _____
 STATE Colorado

LAB NO. 6308-2 REPORT NO. 10 897
 LOCATION _____
 FORMATION "O" Sand
 INTERVAL _____
 SAMPLE FROM Production
 DATE September 14, 1971

REMARKS & CONCLUSIONS: Facility 116190
Clear water.



Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	2425	105.43	Sulfate	309	6.43
Potassium	31	0.79	Chloride	2170	61.19
Lithium	-	-	Carbonate	-	-
Calcium	13	0.65	Bicarbonate	2403	39.41
Magnesium	2	0.16	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		107.03	Total Anions		107.03

Total dissolved solids, mg/l 6134
 NaCl equivalent, mg/l 5446
 Observed pH 7.8

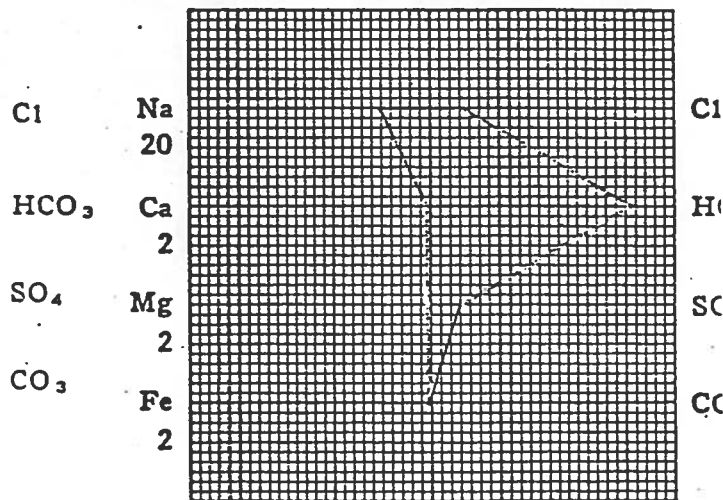
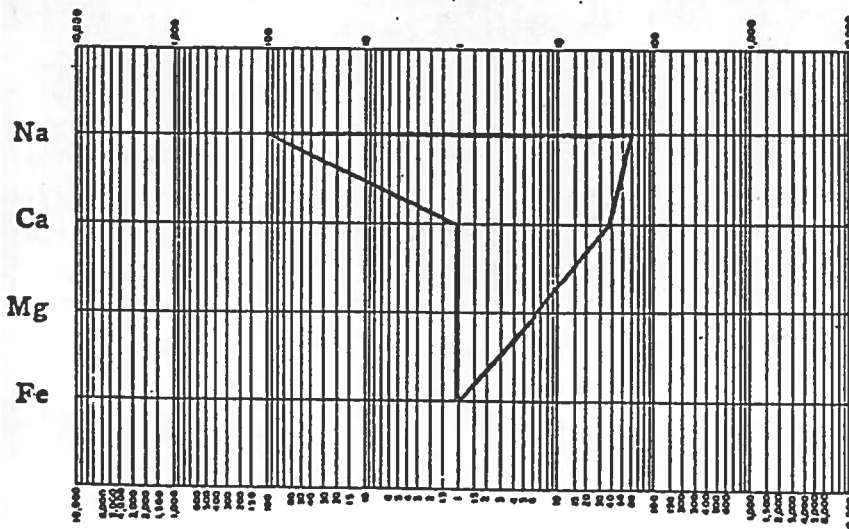
Specific resistance @ 68° F.:
 Observed 1.12 ohm-meters
 Calculated 1.15 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC

STANDARD



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter. Meq/l=Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components