

02143775

CHEM LAB

686

WATER ANALYSIS EXCHANGE REPORT

100548 → 081-05721

~~100548~~

MEMBER Mountain Fuel Supply Company LAB NO. 21673 REPORT NO. 3-166
OPERATOR Mountain Fuel Supply Company LOCATION SW SW 25-12N-101W
WELL NO. 5 Lasher FORMATION Lewis & Fort Union
FIELD West Hiawatha INTERVAL Perfs: 4602-21; 4539-91; 4332-60
COUNTY Moffat SAMPLE FROM 1190-1243
STATE Colorado DATE November 1, 1965

REMARKS & CONCLUSIONS: Slightly muddy water, quebracho colored filtrate.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	668	29.07	Sulfate	385	8.00
Potassium	125	3.20	Chloride	440	11.28
Lithium	2	0.29	Carbonate	-	-
Calcium	78	3.89	Bicarbonate	1,403	23.01
Magnesium	71	5.84	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		42.29	Total Anions		42.29

Total dissolved solids, mg/l 2,460
NaCl equivalent, mg/l 2,022
Observed pH 8.0

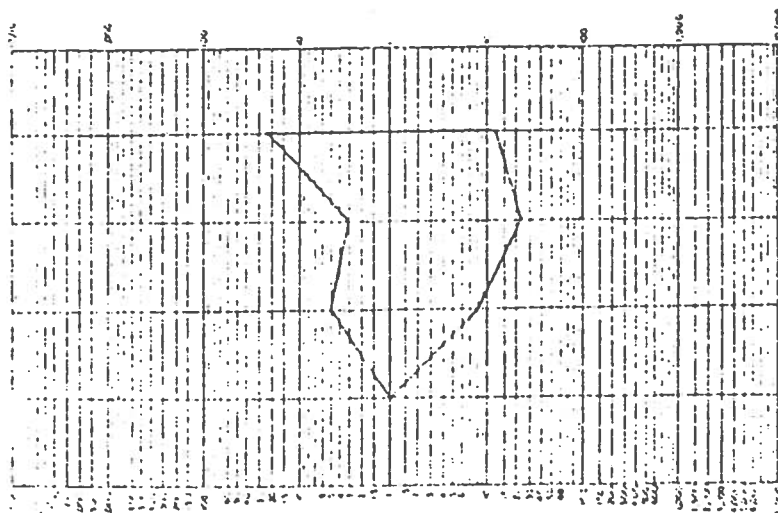
Specific resistance @ 68° F.:

Observed 3.00 ohm-meters
Calculated 3.00 ohm-meters

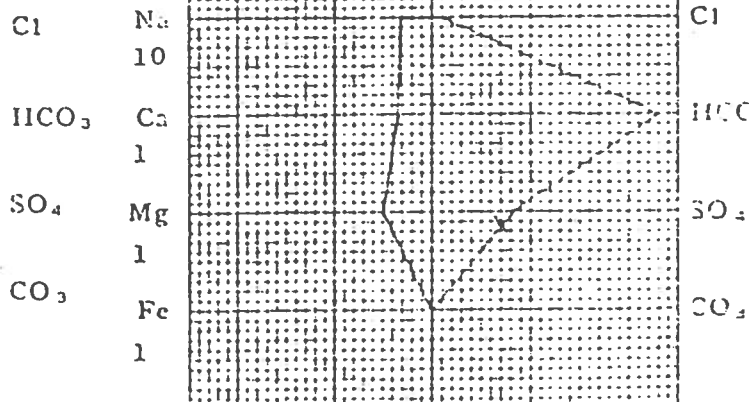
WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC



STANDARD



(Na value in above graphs includes Na, K, and Li)

NOTE: Mg/l = Milligrams per liter (ppm); Meq/l = Milliequivalents per liter
Sodium chloride equivalent by Dupont & Baumann calculation from components

Fig C-26