



02143695

CHEM LAB

A-927

WATER ANALYSIS EXCHANGE REPORT

103 - 05177

MEMBER Mountain Fuel Supply Company
OPERATOR Mountain Fuel Supply Company
WELL NO. Unit No. 3
FIELD Lower Horse Draw
COUNTY Moffat
STATE Colorado

LAB NO. 6618-8 REPORT NO. 11-571
LOCATION Section 14-2S-103W
FORMATION Mancos "B"
INTERVAL 2565-3000
SAMPLE FROM Dehydration unit (10/18/71)
DATE November 9, 1971

REMARKS & CONCLUSIONS: Cloudy water with slightly cloudy filtrate.
This is probably Mancos water.

Cations	mg/l	meq/l
Sodium	3172	138.00
Potassium	16	0.41
Lithium	-	-
Calcium	51	2.54
Magnesium	13	1.07
Iron	absent	-

Anions	mg/l	meq/l
Sulfate	7	0.15
Chloride	4740	133.67
Carbonate	0	-
Bicarbonate	500	8.20
Hydroxide	-	-
Hydrogen sulfide	absent	-

Total Cations - - - - 142.02

Total Anions - - - - 142.02

Total dissolved solids, mg/l - - - - 8245
NaCl equivalent, mg/l - - - - 8141
Observed pH - - - - 7.6

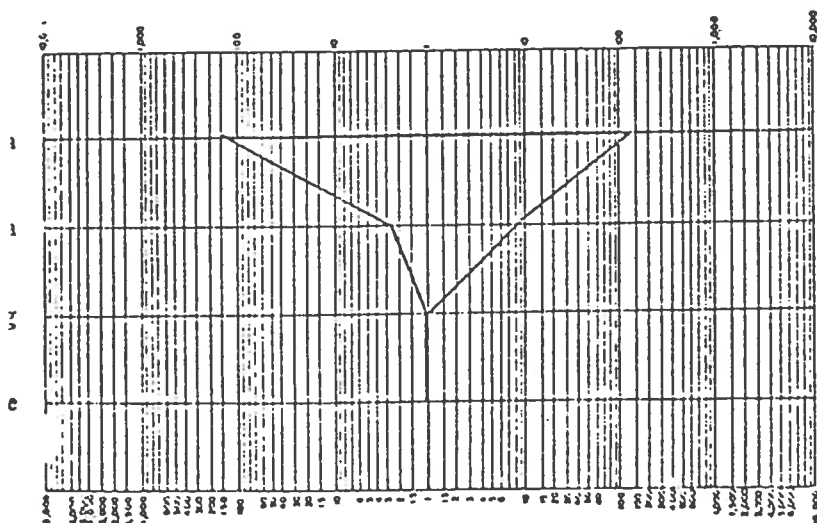
Specific resistance @ 68° F.:
Observed - - - - 0.79 ohm-meters
Calculated - - - - 0.81 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC

STANDARD



Cl

Na
20HCO₃Ca
2SO₄Mg
2CO₃Fe
2

Cl

HC

SO₄CO₃

(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

Fig. C-21