

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming

WATER ANALYSIS REPORT

OPERATOR Continental Energy Corp.

DATE February 24, 1970 LAB NO. 3289

WELL NO. #1 Penrose et al

LOCATION NE NW 35-1N-95W

FIELD Wildcat

FORMATION 1824-43 Wasatch "G"

COUNTY Rio Blanco

INTERVAL 1824-43

STATE Colorado

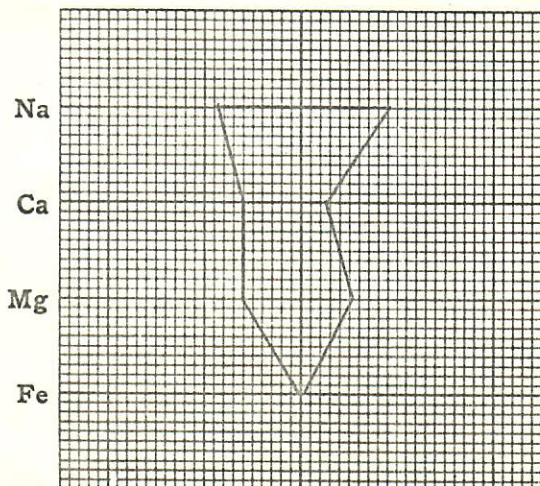
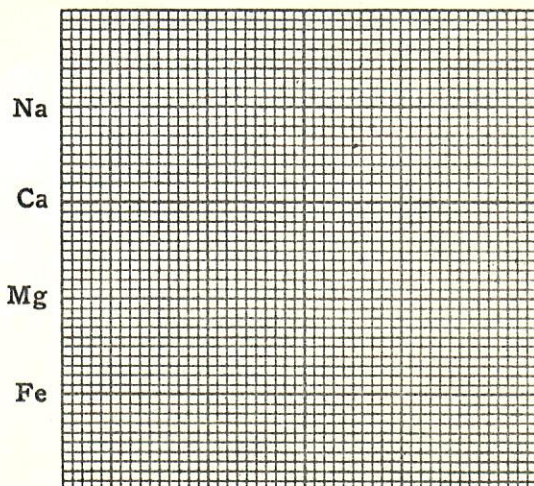
SAMPLE FROM Swabbing (2-16-70)

REMARKS & CONCLUSIONS: Clear water.

This is probably formation water, but we are unable to make definite correlation at this time.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	3903	169.76	Sulfate	476	9.90
Potassium	105	2.69	Chloride	6420	181.04
Lithium	-	-	Carbonate	Trace	-
Calcium	245	12.23	Bicarbonate	305	5.00
Magnesium	137	11.26	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		195.94	Total Anions		195.94
Total dissolved solids, mg/l 11,436			Specific resistance @ 68°F.:		
NaCl equivalent, mg/l 11,255			Observed 0.61 ohm-meters		
Observed pH 8.3			Calculated 0.59 ohm-meters		

WATER ANALYSIS PATTERN

Sample above described Scale
MEQ per UnitC1 20
HCO₃ 2
SO₄ 2
CO₃ 2C1
HCO₃
SO₄
CO₃

(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