

VII - 4
CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

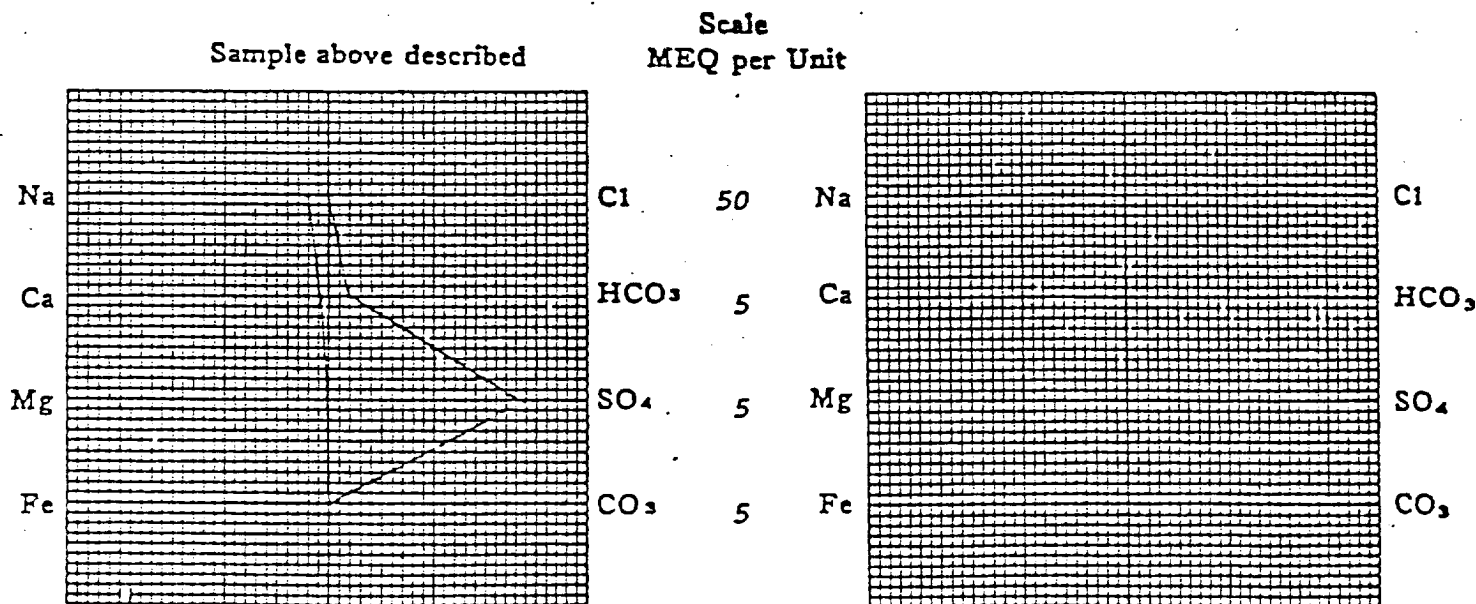
OPERATOR <u>Dome Petroleum</u>	DATE <u>March 22, 1978</u> LAB NO. <u>26805-1</u>
WELL NO. <u>Santa Fe Leqqs No. 1</u>	LOCATION _____
FIELD _____	FORMATION _____
COUNTY _____	INTERVAL _____
STATE <u>New Mexico</u>	SAMPLE FROM _____

REMARKS & CONCLUSIONS: Sample submitted by Core Lab-Farmington.

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium	2843	123.65	Sulfate	4660	96.93
Potassium	29	0.74	Chloride	700	19.74
Lithium			Carbonate	24	0.80
Calcium	66	3.29	Bicarbonate	683	11.20
Magnesium	12	0.99	Hydroxide		
Iron	-		Hydrogen sulfide	present	
Total Cations		128.67	Total Anions		128.67

Total dissolved solids, mg/l	8670	Specific resistance @ 68°F.:
NaCl equivalent, mg/l	6203	Observed
Observed pH	8.3	Calculated
		0.96 ohm-meters
		1.05 ohm-meters

WATER ANALYSIS PATTERN



(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

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MAR 27 1978