

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 2794
Casper, Wyoming

WATER ANALYSIS REPORT

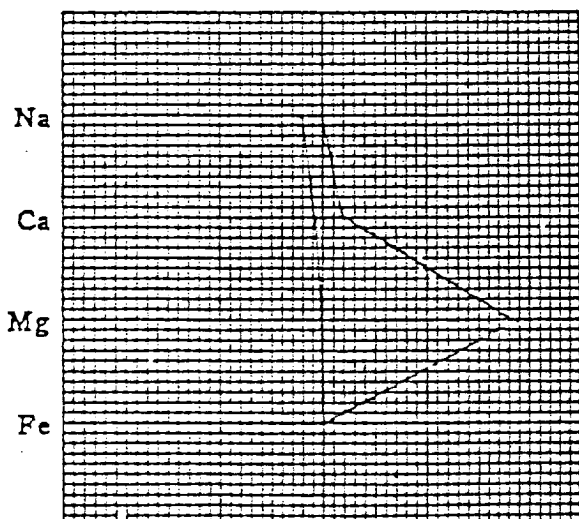
OPERATOR Dome Petroleum DATE March 22, 1978 LAB NO. 26805-1
WELL NO. Santa Fe Leggs No. 1 LOCATION _____
FIELD _____ FORMATION _____
COUNTY _____ INTERVAL _____
STATE New Mexico SAMPLE FROM _____

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

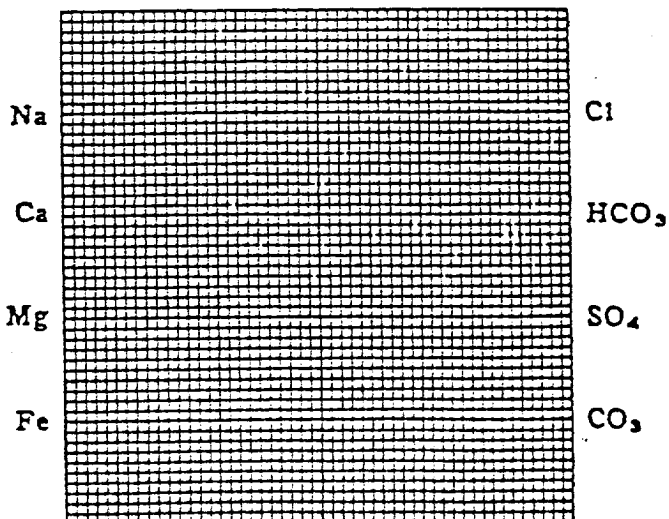
Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	2843	123.65	Sulfate	4660	96.93
Potassium	29	0.74	Chloride	700	19.74
Lithium			Carbonate	24	0.80
Calcium	66	3.29	Bicarbonate	683	11.20
Magnesium	12	0.99	Hydroxide		
Iron	-		Hydrogen sulfide	present	
Total Cations		128.67	Total Anions		128.67
Total dissolved solids, mg/l 8670			Specific resistance @ 68°F.:		
NaCl equivalent, mg/l 6203			Observed 0.96 ohm-meters		
Observed pH 8.3			Calculated 1.05 ohm-meters		

WATER ANALYSIS PATTERN

Sample above described Scale
MEQ per Unit



Cl 50
HCO₃ 5
SO₄ 5
CO₃ 5



Cl 50
HCO₃ 5
SO₄ 5
CO₃ 5

(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

RECEIVED
MAR 27 1978