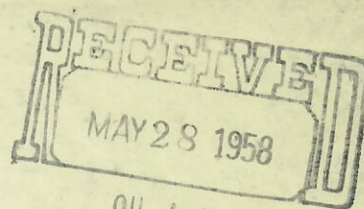




CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS
WATER ANALYSIS

WSS

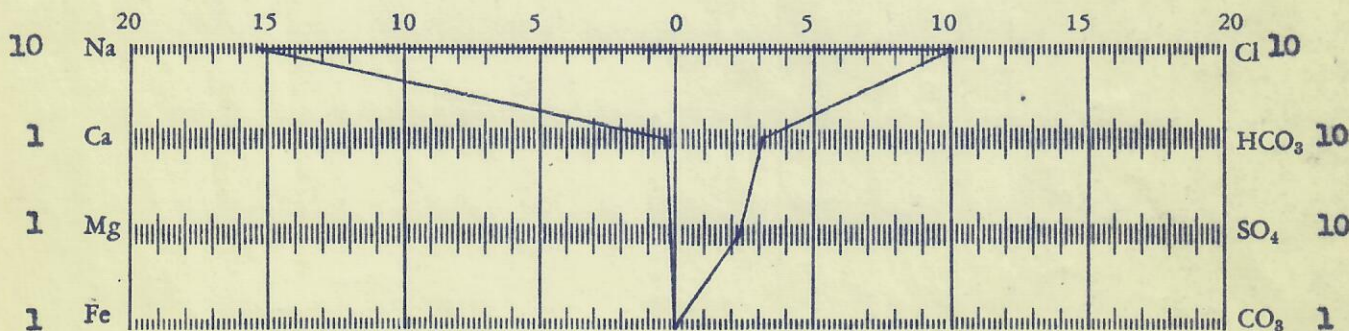


OIL & GAS
CONSERVATION COMMISSION

File RP-2-WA-13

Company ROUNDS & SANFORD Well Name ELENZ NO. 2 Sample No. 1
Formation "J" SAND Depth _____ Sampled From D.S.T.
Location NE-SE-SEC21-12n-52w Field PEBBLE County LOGAN State COLORADO
Date Sampled 4-25-58 Date Analyzed 4-28-58 Engineer HAHN

Constituents		Constituents	Meq/L	ppm	Constituents	Meq/L	ppm	
1. Total Solids	<u>10,104</u>	ppm	6. Sodium	<u>152</u>	<u>3,496</u>	11. Chloride	<u>100</u>	<u>3,550</u>
2. pH	<u>7</u>		7. Calcium	<u>2</u>	<u>43</u>	12. Bicarbonate	<u>31</u>	<u>1,850</u>
3. Sp. gr.	<u>1.006</u>	@ <u>76</u> °F.	8. Magnesium	<u>1</u>	<u>11</u>	13. Sulfate	<u>24</u>	<u>1,150</u>
4. Resistivity	<u>.68</u>	@ <u>68</u> °F.	9. Iron	<u>ABSENT</u>	<u>ABSENT</u>	14. Carbonate	<u>0</u>	<u>0</u>
5. Hydrogen Sulfide	<u>ABSENT</u>		10. Barium	<u>ABSENT</u>	<u>ABSENT</u>	15. Hydroxide	<u>0</u>	<u>0</u>



HYPOTHETICAL COMBINATIONS

Constituent	ppm	Constituent	ppm
1. Calcium Chloride	<u>119</u>	4. Sodium Chloride	<u>7,488</u>
2. Magnesium Bicarbonate	<u>2,219</u>	5. Sodium Sulfate	<u>1,704</u>
3. Magnesium Chloride	<u>0</u>		