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001-06133

Pit 119084

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

WATER ANALYSIS

Corresponds to

UPRR-EHN 12-17

File RP-4-WA-192

Company CHAMPLIN PETROLEUM Well Name UPRR EHN LEASE Sample No. 1
 Formation "D" SAND Depth 6412-16' Sampled From TREATER
 Location Sec 17-T1S-R60W Field NILE County ADAMS State COLORADO
 Date Sampled 2/4/72 Date Analyzed 2/14/72 Engineer HINERMAN

Total Dissolved Solids 14,822 mg/L Calc

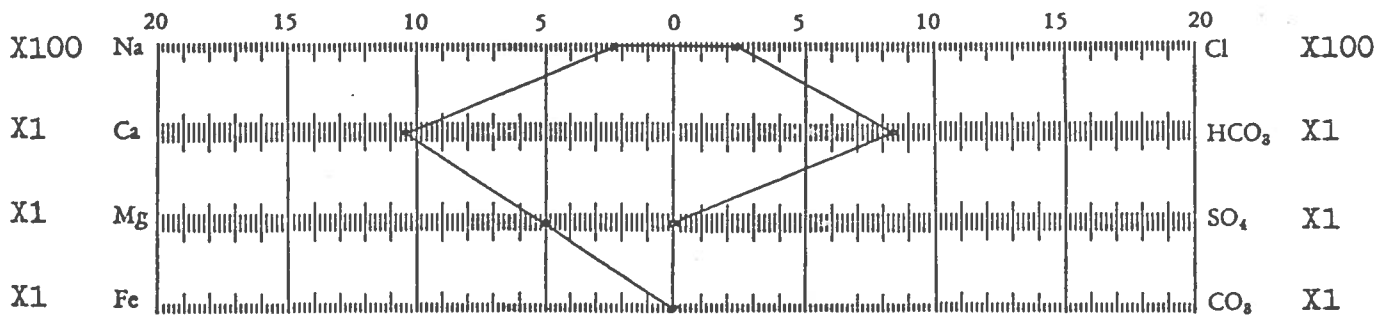
Sp. Gr. 1.015 @ 70 °F.

Resistivity 0.48 ohm-meters @ 70 °F. Meas

Hydrogen Sulfide Absent

pH 8

Constituents	meq/L	mg/L	Constituents	meq/L	mg/L
Sodium	<u>236.0</u>	<u>5,425.6</u>	Chloride	<u>243.0</u>	<u>8,615.0</u>
Calcium	<u>10.4</u>	<u>208.4</u>	Bicarbonate	<u>8.4</u>	<u>512.6</u>
Magnesium	<u>5.0</u>	<u>60.8</u>	Sulfate	<u>Nil</u>	<u>Nil</u>
Iron	<u>Nil</u>	<u>Nil</u>	Carbonate	<u>Nil</u>	<u>Nil</u>
Barium	<u>Nil</u>	<u>Nil</u>	Hydroxide	<u>Nil</u>	<u>Nil</u>



All analyses except iron determination performed on a filtered sample.