

Cenref Labs



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1497-8
RECEIVED

Century Refining Company, A Panhandle Eastern Company

001-06644

MAY 31 1983

WATER ANALYSIS

LAB NO. C83WA-016 III

pit 113856

Date Rcvd. January 21, 1983

Date Run January 25, 1983

Date Sampled

COMPANY Champlin Petroleum

WELL NAME

Lauridson 1 & 2

LOCATION S13-1S-64W

COUNTY

Adams

STATE

CO

FIELD Baseline

FORMATION

D Sand

DEPTH

TO

SAMPLED FROM

REQUESTED BY

Guy Wilder

SAMPLED BY

Guy Wilder

PARAMETERS

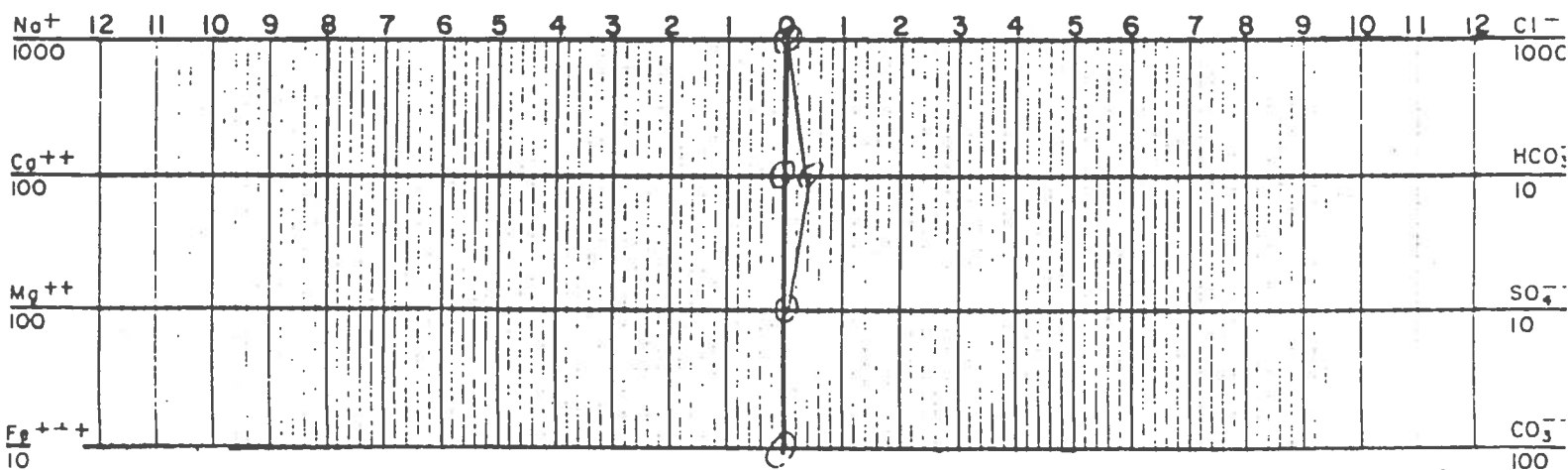
Specific Gravity 1.0056 at 60 °F

pH 7.0

Water Resistivity (calc.) 1.4 ohm meters at 60 °F

	mg/l	ppm	me/l	RV%
Sodium, Na (calc.)	1913	1903	83.2	48.41
Calcium, Ca	38.9	38.7	1.9	1.13
Magnesium, Mg	9.6	9.5	0.8	0.46
Chloride, Cl	2920	2904	82.3	47.86
Carbonate, CO ₃	0	0	0	0
Bicarbonate, HCO ₃	224	223	3.7	2.14
Sulfate, SO ₄	0	0	0	0
Hydroxide, OH	0	0	0	0
Total Dissolved Solids (calc.)	5105.5	5078.2	171.9	100.00

Primary Salinity	95.73	% Total Reaction Value
Primary Alkalinity	1.09	% Total Reaction Value
Secondary Alkalinity	3.18	% Total Reaction Value
CaCl ₂ /Mg Cl ₂	2.86	

REACTION VALUES
MILLEQUIVALENTS PER LITERcc: ChPCo-Englewood (Paul Wages)
CRC-2Champlin Petroleum Company, P. O. Box 3158
Englewood, CO 80150 Attn: Paul Wages

Invoice

Dunlop 1/14/83