

001-07688

WATER ANALYSIS

Pit 113756

Date Received May 7, 1982

Date Run May 10, 1982

Date Sampled

LAB NO. C82WA-074 III

COMPANY Champlin Petroleum

WELL NAME

Cavender 32-11 /

LOCATION Cavender Lease

COUNTY Adams

STATE CO

FIELD Krauthead FORMATION D Sand

DEPTH

TO

SAMPLED FROM REQUESTED BY Guy Wilder

SAMPLED BY

PARAMETERS

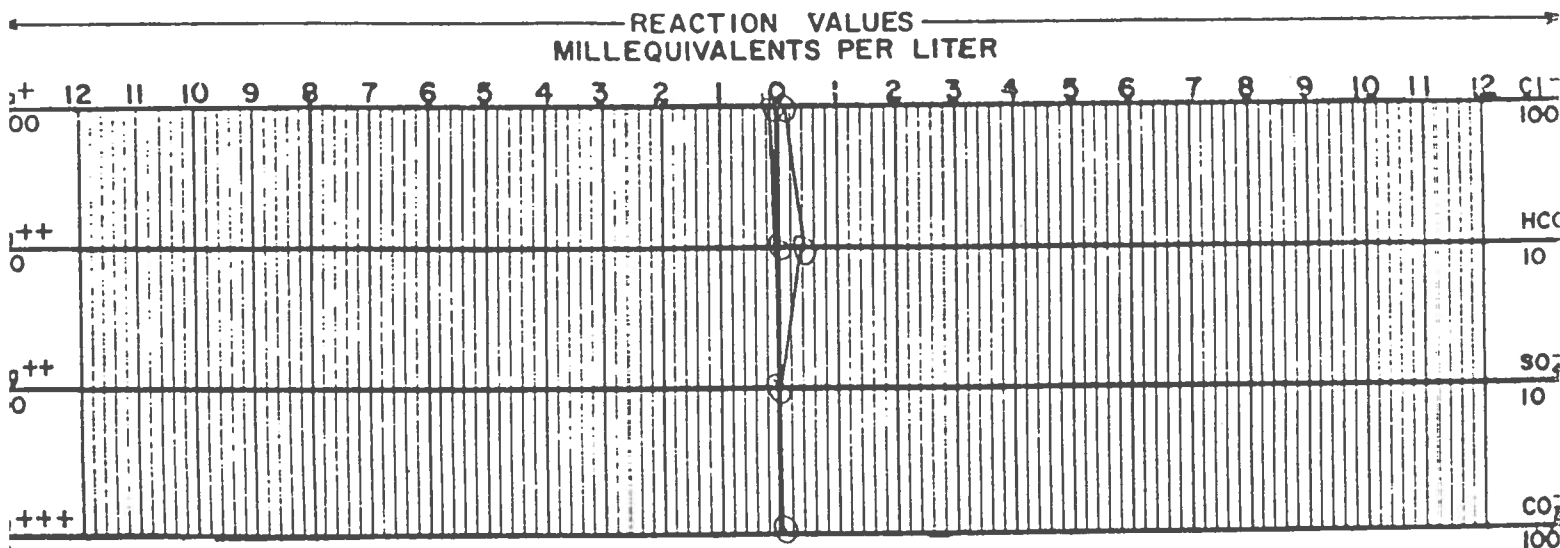
Specific Gravity 1.0074 at 60 °F

pH 6.68

Water Resistivity (calc.) 1.0 ohm meters at 60 °F

Reaction Value

	mg/l	ppm	me/l	RV%
Sodium, Na (calc.)	2617	2598	113.8	47.96
Calcium, Ca	80.2	79.6	4.0	1.69
Magnesium, Mg	10.2	10.1	0.8	0.35
Chloride, Cl	4070	4040	114.6	48.31
Carbonate, CO ₃	0	0	0	0
Bicarbonate, HCO ₃	244	242	4.0	1.69
Sulfate, SO ₄	0	0	0	0
Hydroxide, OH	0	0	0	0
Total Dissolved Solids (calc.)	7021.4	✓ 6969.7	237.2	100.00
Primary Salinity	95.92	% Total Reaction Value		
Secondary Salinity	0.71	% Total Reaction Value		
Secondary Alkalinity	3.37	% Total Reaction Value		
CaCl ₂ /Mg Cl ₂	5.55			



cc: Champlin-Englewood(BWittman)
CRC-2

Champlin Petroleum Company
P. O. Box 3158, Englewood,
Invoice CO 80150 Attn: Bob Wittman

R. W. Wittman