

Pit #113749

WATER ANALYSIS



02143926

LAB NO. C82WA-070 III

Date Received April 29, 1982

Date Run May 7, 1982

Date Sampled April 29, 1982

COMPANY Champlin Petro WELL NAME Abbott Lands 1 & 2
LOCATION COUNTY Adams STATE Colorado
FIELD Baseline FORMATION D Sand DEPTH TO
SAMPLED FROM REQUESTED BY Guy Wilder SAMPLED BY

PARAMETERS

Specific Gravity 1.0046 at 60 °F

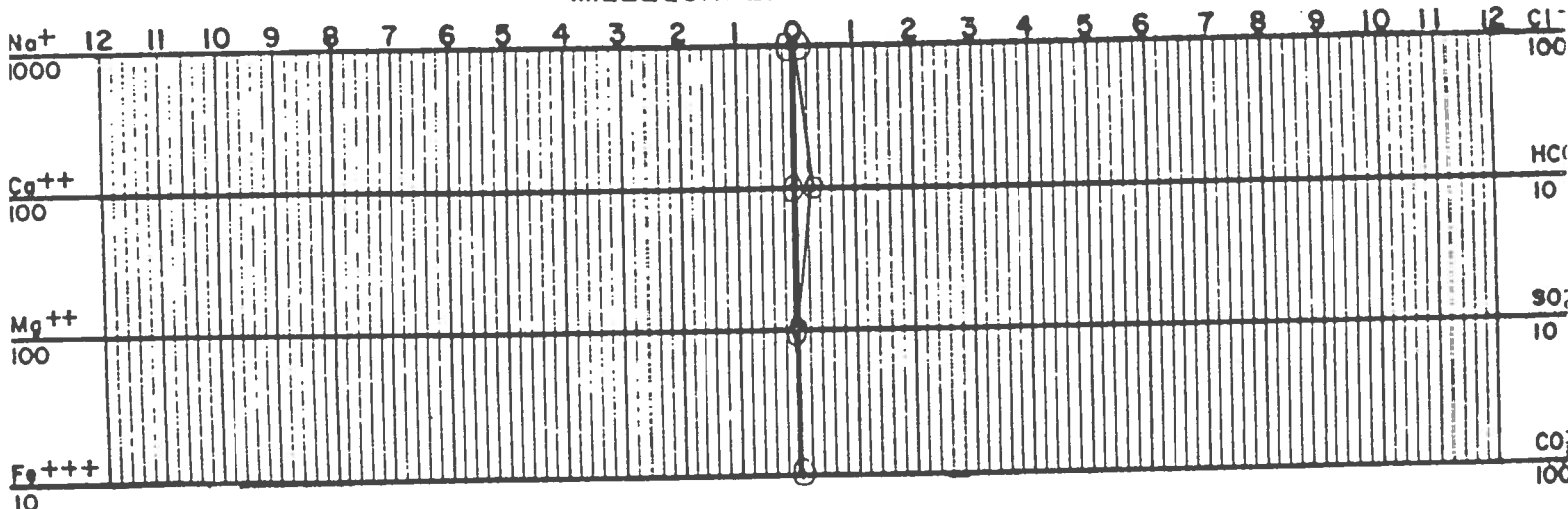
pH 6.49

Water Resistivity (calc.) 2.0 ohm meters at 60 °F

Reaction Value

	mg/l	ppm	me/l	RV%
Sodium, Na (calc.)	1287	1281	55.9	47.90
Calcium, Ca	40.9	40.7	2.0	1.75
Magnesium, Mg	4.9	4.9	0.4	0.35
Chloride, Cl	1967	1958	55.4	47.45
Carbonate, CO ₃	0	0	0	0
Bicarbonate, HCO ₃	182	181	3.0	2.55
Sulfate, SO ₄	0	0	0	0
Hydroxide, OH	0	0	0	0
Total Dissolved Solids (calc.)	3481.8	3465.6	116.7	100.00
Primary Salinity	94.89	% Total Reaction Value		
Primary Alkalinity	0.92	% Total Reaction Value		
Secondary Alkalinity	4.19	% Total Reaction Value		
CaCl ₂ /Mg Cl ₂	5.89			

REACTION VALUES MILLEQUIVALENTS PER LITER



cc: Champlin-Englewood (BWittman)
CRC-2

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