

"301 J"
30-30N-19E

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O. BOX 1527
WILLISTON, ND. 58801

701-572-3632

WATER ANALYSIS REPORT

OPERATOR: PENNZOIL COMPANY

DATE: 10/28/87

WELL NO. Van Bremmer 30-33

LAB NO.: W-87-1962

FIELD:

FORMATION: not listed

COUNTY: Colfax

INTERVAL: not listed

STATE: New Mexico

DST #:

LOC:

SAMPLE Sample Date - 10/16/87.

CATIONS	MG/L	MEQ/L	ANIONS	MG/L	MEQ/L
SODIUM	2990.0	130.1	CHLORIDE	4018.6	113.4
CALCIUM	94.8	4.7	CARBONATE	7.5	0.3
MAGNESIUM	18.4	1.5	BICARBONATE	651.7	10.7
IRON	1.2	0.1	SULFATE	20.3	0.4
POTASSIUM	12.0	0.3	NITRATE	0.0	0.0
BARIUM	10.8	0.2			
CHROMIUM	0.1	0.0			

SPECIFIC GRAVITY @ 77°F

1.000 PH 7.77

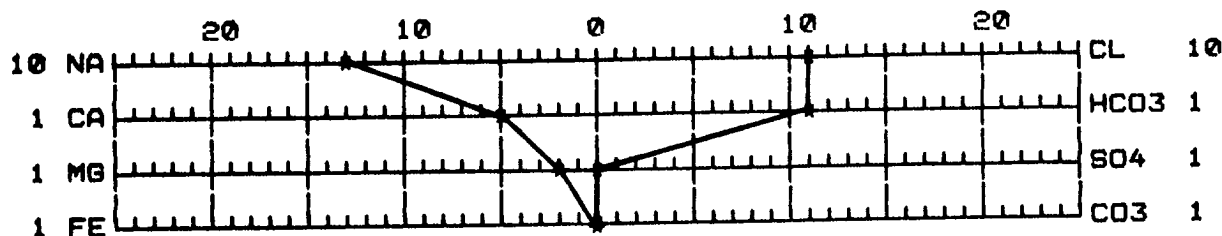
RESISTIVITY @ 77°F, ohm-meters

0.837 NAEL (Calc.) 6626.5

TOTAL DISSOLVED SOLIDS (Calc.) MG/L

7825.3 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - Sample received from Mark Shumway 10/26/87.

DISTRIBUTION OF RESULTS

2cc-Sidney, MT-Attn: Mark Shumway