



WATER ANALYSIS

CONTAINER IDENTIFICATION

PB#5

LABORATORY NUMBER

WG1696E

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

ELEVATIONS KB m GRD m

PARAMOUNT et al CAMERON

775.15

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

SLAVE POINT

B.O.T.

TEST TYPE

NO

TEST RECOVERY

DST

1

TEST INTERVAL OR PERFS

1341.0-1377.6
mKB

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/Ω m

BHS

@ 25° C

TYPE OF PRODUCTION

PUMPING

FLOWING

GAS LIFT

SWAB

PRODUCTION RATES

WATER

m³/d

OIL

m³/d

GAS

10³ m³/d

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

GAUGE PRESSURE kPa

TEMPERATURE ° C

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

91-02-08

91-02-12

91-02-18

C

M-73; BHS #230

ION	mg/L	MASS FRACTION	mmol/L
Na	12400.0	0.360	541.0
K	125.0	0.004	3.2
Ca	850.0	0.025	21.2
Mg	444.0	0.013	18.3
Ba	N.A.	N.A.	N.A.
Sr	N.A.	N.A.	N.A.
Fe	4.6	TRC*	0.1

ION	mg/L	MASS FRACTION	mmol/L
Cl	19500.0	0.567	550.0
Br	N.A.	N.A.	N.A.
I	N.A.	N.A.	N.A.
HCO ₃	160.0	0.005	2.6
SO ₄	932.0	0.027	9.7
CO ₃	NIL	NIL	NIL
OH	NIL	NIL	NIL
H ₂ S	N.D.	N.D.	N.D.

DISSOLVED

TOTAL SOLIDS mg/L

EVAPORATED AT 110° C

EVAPORATED AT 180° C

AT IGNITION

CALCULATED

34400.0

RELATIVE DENSITY

1.026 @ 25° C

REFRACTIVE INDEX

N.A. @ 25° C

OBSERVED pH

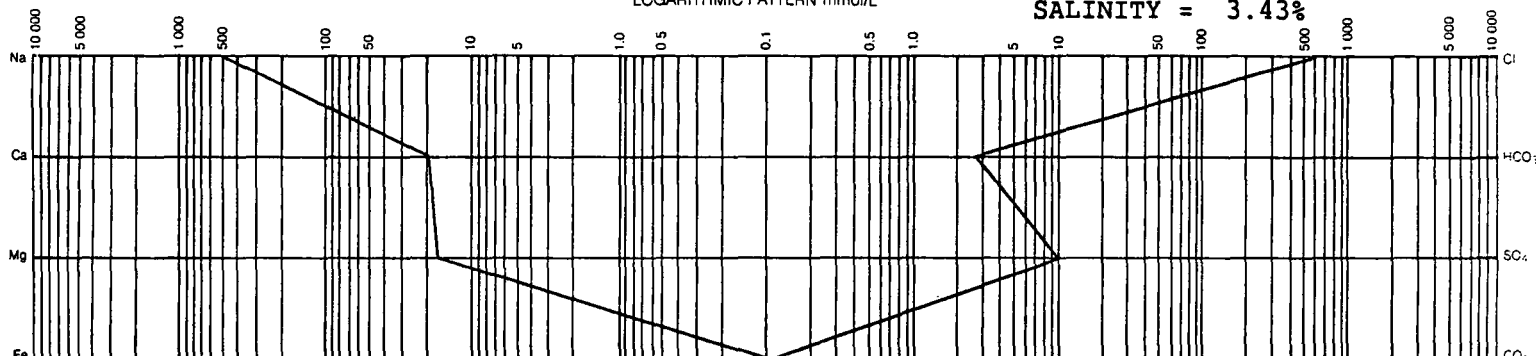
7.57 @ 25° C

RESISTIVITY/OHM •m

0.21 @ 25° C

LOGARITHMIC PATTERN mmol/L

SALINITY = 3.43%



REMARKS:

TRC* = LESS THAN 0.1 N.D. = NOT DETECTED NIL = 0.0 TRC* = LESS THAN 0.001 N.A. = NOT ANALYZED

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PETROLE ET DES
GAS OILS DU CANADA
FEB 25 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTROLE



CALGARY

— EDMONTON —

GRANDE PRAIRIE

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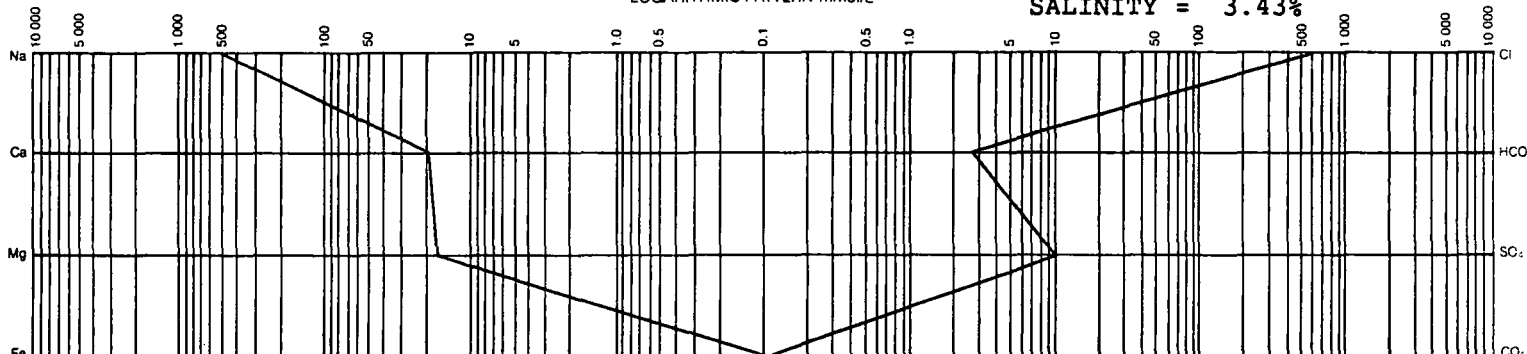
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