



WATER ANALYSIS

CALGARY COPY

CONTAINER IDENTIFICATION

PB#9

LABORATORY NUMBER

WG1736G

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

PARAMOUNT et al CAMERON M-73

ELEVATIONS

KB m

GRD m

775.15

771.50

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

GRANITE WASH

BAKER

TEST TYPE

NO

TEST RECOVERY

DST

81m

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/Ω m

BOTTOM

@ 25° C

TEST INTERVAL OR PERFS

1608.0-1629.5

1501.5-1523.0

mKB

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

91-02-18

91-02-25

91-03-05

C

DST 3&4

ION	mg/L	MASS FRACTION	mmol/L
Na	6780.0	0.281	295.0
K	44.2	0.002	1.1
Ca	598.0	0.025	14.9
Mg	11.6	TRC*	0.5
Ba	N.A.	N.A.	N.A.
Sr	N.A.	N.A.	N.A.
Fe	2.2	TRC*	TRC+

ION	mg/L	MASS FRACTION	mmol/L
Cl	916.0	0.038	25.8
Br	N.A.	N.A.	N.A.
I	N.A.	N.A.	N.A.
HCO ₃	372.0	0.015	6.1
SO ₄	15400.0	0.638	160.0
CO ₃	12.0	TRC*	0.2
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

24100.0

RELATIVE DENSITY

1.020 @ 25° C

REFRACTIVE INDEX

N.A. @ 25° C

OBSERVED pH

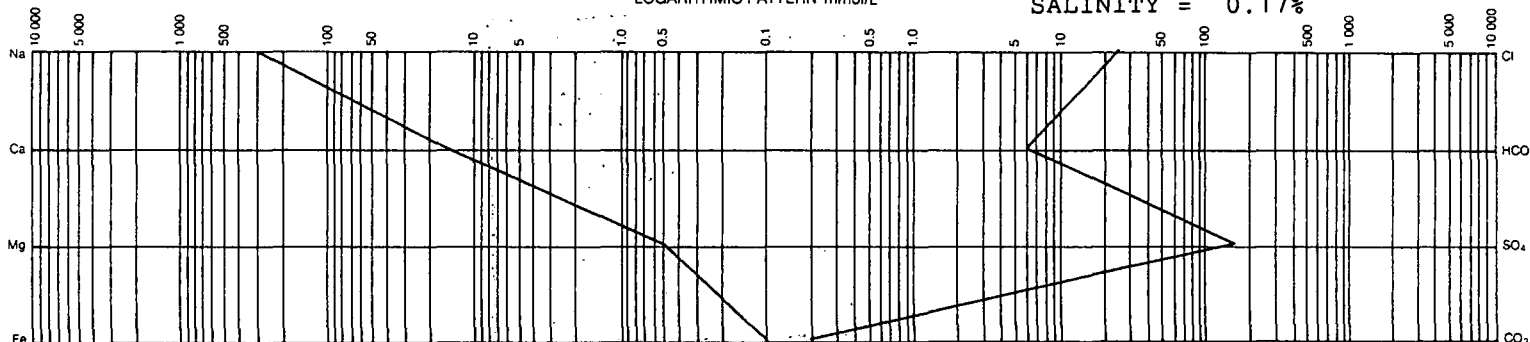
8.23 @ 25° C

RESISTIVITY/ΩM *m

0.44 @ 25° C

THE "30 MINUTE" API MUD FIL-
TRATE LOSS IS 12mls. THE
ABOVE RESULTS PERTAIN TO THE
WATER EXTRACTED FROM THE MUD
SALINITY = 0.17%

LOGARITHMIC PATTERN mmol/L



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 PÉTROLE ET DU
GAZ DES TERRES DU CANADA

MAR 18 1991

ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTRÔLE