



RECOVERY = 200ml WATER

D.S.T.#5

B.H.S.#233

O.P. = 0kPa

AGAT Laboratories

CALGARY

EDMONTON

GRANDE PRAIRIE



WATER ANALYSIS

CALGARY COPY

CONTAINER IDENTIFICATION

PB#2

WG1736A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS

GRD m

PARAMOUNT et al CAMERON M-73

775.15

771.50

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

KEG RIVER

BAKER

TEST TYPE

NO

TEST RECOVERY

DST

5

TEST INTERVAL OR PERFS

1511.0-1530.0
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

91-02-20

91-02-25

91-03-05

C

ION	mg/L	MASS FRACTION	mmol/L
Na	5880.0	0.238	256.0
K	34.0	0.001	0.9
Ca	592.0	0.024	14.8
Mg	22.4	0.001	0.9
Ba	N.A.	N.A.	N.A.
Sr	N.A.	N.A.	N.A.
Fe	2.5	TRC*	TRC+

ION	mg/L	MASS FRACTION	mmol/L
Cl	651.0	0.026	18.4
Br	N.A.	N.A.	N.A.
I	N.A.	N.A.	N.A.
HCO ₃	494.0	0.020	8.1
SO ₄	17000.0	0.689	177.0
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

24700.0

RELATIVE DENSITY

1.027 @ 25° C

REFRACTIVE INDEX

N.A. @ 25° C

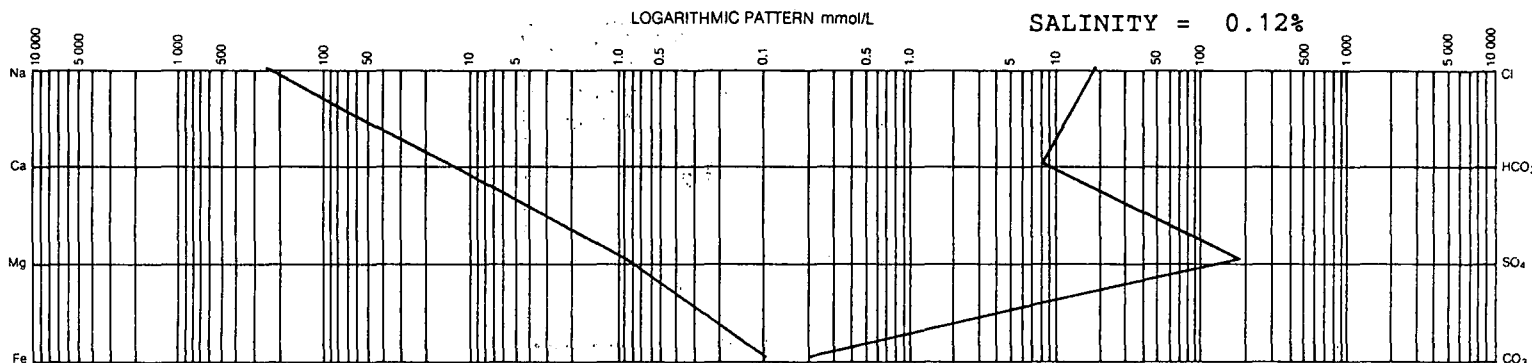
OBSERVED pH

8.25 @ 25° C

RESISTIVITY/OHM *m

0.47 @ 25° C

THE "30 MINUTE" API MUD FIL-
TRATE LOSS IS 12 mls. THE
ABOVE RESULTS PERTAIN TO THE
WATER EXTRACTED FROM THE MUD
SALINITY = 0.12%



REMARKS:

TRC+= LESS THAN 0.1 N.D.= NOT DETECTED NIL= 0.0 TRC*= LESS THAN 0.001 N.A.= NOT ANALYZED
THE IONIC BALANCE FOR THIS WATER EXCEEDS 10%, HOWEVER THE ANALYSIS HAS BEEN CONFIRMED.
THE IMBALANCE IS CAUSED BY AN CATION NOT ANALYZED IN THE ROUTINE ANALYSIS

