



AGAT Laboratories

CALGARY

— EDMONTON —

GRANDE PRAIRIE



WATER ANALYSIS

CONTAINER IDENTIFICATION

PB#3

LABORATORY NUMBER

W5053B

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

ELEVATIONS
KB m GRD m

PARAMOUNT et al CAMERON 60 10'N117 30'W B-08

789.90

786.21

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

SULPHUR POINT

NORTHLAND

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

1403.0-1406.0

1408.0-1409.0

1412.0-1421.0

mKB

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/Ω m

SEPARATOR

@ 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)

91-02-05

DATE RECEIVED (Y-M-D)

91-02-07

DATE REPORTED (Y-M-D)

91-02-14

ANALYST

C

OTHER INFORMATION

B-08

ION	mg/L	MASS FRACTION	mmol/L
Na	666.0	0.078	29.0
K	34.4	0.004	0.9
Ca	2010.0	0.234	50.1
Mg	111.0	0.013	4.6
Ba	N.A.	N.A.	N.A.
Sr	N.A.	N.A.	N.A.
Fe	7.3	0.001	0.1

ION	mg/L	MASS FRACTION	mmol/L
Cl	5150.0	0.601	145.0
Br	N.A.	N.A.	N.A.
I	N.A.	N.A.	N.A.
HCO ₃	2.4	TRC*	TRC+
SO ₄	65.0	0.008	0.7
CO ₃	NIL	NIL	NIL
OH	NIL	NIL	NIL
H ₂ S	528.0	0.062	15.5

DISSOLVED TOTAL SOLIDS

mg/L

EVAPORATED AT 110° C

EVAPORATED AT 180° C

AT IGNITION

CALCULATED

8570.0

RELATIVE DENSITY

0.999@ 25° C

REFRACTIVE INDEX

N.A.@ 25° C

OBSERVED pH

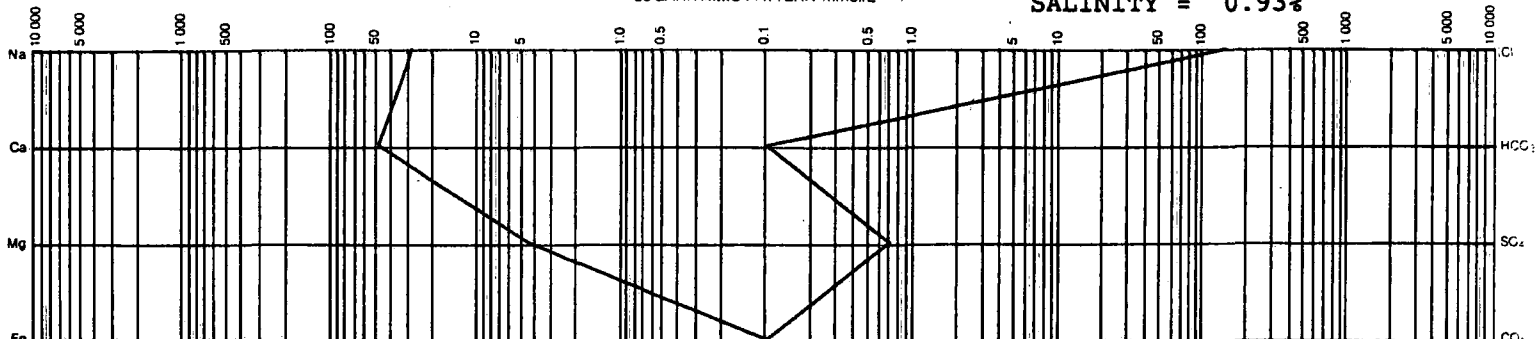
5.30 @ 25° C

RESISTIVITY/Ωm *m

0.86@ 25° C

LOGARITHMIC PATTERN mmol/L

SALINITY = 0.93%



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
GAZ DES TERRES DU CANADA
FEB 25 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTROLE