



CALGARY

EDMONTON

GRANDE PRAIRIE

OIL ANALYSIS

CONTAINER IDENTIFICATION

PB #2

LABORATORY NUMBER

05385A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON C-19

786.5

782.8

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

KEG RIVER

SAME

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

1549.0-1555.5
mKB

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/ Ω m

SWAB

@ 25° C

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

91-03-17

91-03-26

91-04-02

B.C.L

60 08' N 117 32' W

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

WATER

SEDIMENT

TOTAL

DARK BROWN

0.017

0.008

0.025

COLOUR NUMBER ASTM D-155

DB A.S.T.M.

RELATIVE

DENSITY

ABSOLUTE $\rho/\text{kg}\cdot\text{m}^{-3}$

AS RECEIVED

AFTER CLEANING

AS RECEIVED

AFTER CLEANING

0.8693

868.5

API GRAVITY @ 15° C

31.28

TOTAL SULPHUR
(MASS FRACTION)TOTAL SALT $\text{g}\cdot\text{m}^{-3}$

U.S.B.M.

A.S.T.M.

0.01149

-21

CARBON RESIDUE
(MASS FRACTION)

RVP/kPa

CONRADSON

RAMSBOTTOM

VISCOSITY

TEMP / °C	ABSOLUTE/mPa*s	KINEMATIC/mm ² *s-1
25	10.90	12.64
38	7.02	8.22
50	5.10	6.02

VOLUME FRACTION	TEMP. / °C
0.05	
0.10	
0.15	
0.20	
0.25	
0.30	
0.35	
0.40	
0.45	
0.50	
0.55	
0.60	
0.65	
0.70	
0.75	
0.80	
0.85	
0.90	
0.95	
1.00	
F.B.P.	
CRACKED	

DISTILLATION

METHOD

INITIAL
BOILING POINT

ABS BAROM PRESS/kPa

ROOM TEMP./°C

DISTILLATION SUMMARY
(VOLUME FRACTION)200° C
NAPHTHA275° C
KEROSENE350° C
LIGHT GAS OIL

RECOVERED

RESIDUE

DISTILLATION
LOSSCHARACTERIZATION
FACTOR

11.9

REMARKS:

SAMPLE CONTAINED 91.5% OF FREE H2O
BY VOLUME. BS&W PERFORMED ON OIL
PORTION ONLY. INSUFFICIENT AMOUNT
OF OIL FOR FURTHER ANALYSIS.

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA
APR 16 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTRÔLE