



CALGARY

EDMONTON

GRANDE PRAIRIE

OIL ANALYSIS

CONTAINER IDENTIFICATION

PB #5

LABORATORY NUMBER

05405B

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

ELEVATIONS

GRD m

PARAMOUNT et al CAMERON M-73

775.15

771.45

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

KEG RIVER

NORTHLAND

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

1516.0-1521.5
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

91-03-10

91-03-27

91-03-28

B.C.L

60 10'N 117 15'W

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

WATER

SEDIMENT

TOTAL

DARK BROWN

0.058

0.012

0.070

COLOUR NUMBER ASTM D-155

D8 A.S.T.M.

RELATIVE

DENSITY

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

AS RECEIVED

AFTER CLEANING

AS RECEIVED

AFTER CLEANING

0.8698

869.0

API GRAVITY @ 15° C

31.18

TOTAL SULPHUR
(MASS FRACTION)TOTAL SALT $\text{g}\cdot\text{m}^{-3}$ POUR POINT / °C
U.S.B.M. A.S.T.M.

0.01059

6

RVP/kPa

CARBON RESIDUE
(MASS FRACTION)
CONRADSON RAMSBOTTOM

DISTILLATION

METHOD

A.S.T.M. -D86*

INITIAL
BOILING POINT

147.1

ABS BAROM PRESS/kPa

ROOM TEMP/°C

87.6

23.0

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

0.09

0.25

0.47

RECOVERED

RESIDUE

DISTILLATION
LOSS

0.68

0.30

0.02

CHARACTERIZATION
FACTOR

12.0

VOLUME FRACTION	TEMP. / °C
0.05	172.4
0.10	203.8
0.15	231.2
0.20	256.5
0.25	275.7
0.30	292.9
0.35	310.1
0.40	327.3
0.45	345.6
0.50	358.7
0.55	374.9
0.60	384.0
0.65	
0.70	
0.75	
0.80	
0.85	
0.90	
0.95	
1.00	
F.B.P	384.0
CRACKED	

VISCOSITY		
TEMP / °C	ABSOLUTE $\text{mPa}\cdot\text{s}$	KINEMATIC $\text{mm}^2\cdot\text{s}^{-1}$
25	13.83	16.03
38	9.55	11.18
50	6.67	7.87

REMARKS: * THE DISTILLATION TEMPERATURES HAVE BEEN CORRECTED TO 101.3 KPA(ABS).
SAMPLE CONTAINED 79% OF FREE WATER BY VOLUME. BS&W PERFORMED ON OIL PORTION ONLY.

