



CALGARY

EDMONTON

GRANDE PRAIRIE

OIL ANALYSIS

CONTAINER IDENTIFICATION

PB #1

LABORATORY NUMBER

GG1704A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON M73

775.15

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

SULPHUR POINT

SAME

TEST TYPE

NO

TEST RECOVERY

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/ Ω m

BOTTOM OF TOOL

@25° C

TEST INTERVAL OR PERFS

1404.0-1425.0
mKB

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

91-02-12

91-02-15

91-02-21

B. C. L

M73

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

DARK BROWN

WATER

0.005

SEDIMENT

0.006

TOTAL

0.011

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

0.8597

858.9

API GRAVITY @ 15° C

33.10

TOTAL SULPHUR
(MASS FRACTION)

0.00747

TOTAL SALT $\text{g}\cdot\text{m}^{-3}$

U.S.B.M.

A.S.T.M.

0

POUR POINT / °C

RVP/kPa

CARBON RESIDUE
(MASS FRACTION)

CONRADSON

RAMSBOTTOM

VISCOSITY

TEMP / °C	ABSOLUTE/mPa·s	KINEMATIC/mm ² ·s ⁻¹
25	8.15	9.56
38	5.56	6.58
50	4.11	4.91

VOLUME FRACTION	TEMP. / °C
0.05	131.9
0.10	167.3
0.15	195.7
0.20	221.0
0.25	237.2
0.30	258.4
0.35	279.7
0.40	296.9
0.45	312.1
0.50	327.3
0.55	342.5
0.60	357.6
0.65	366.8
0.70	379.9
0.75	391.0
0.80	398.1
0.85	403.2
0.90	
0.95	
1.00	
F.B.P	403.2
CRACKED	

DISTILLATION

METHOD

A. S. T. M. - D86*

INITIAL BOILING POINT

93.4

ABS BAROM PRESS/kPa

87.7

ROOM TEMP / °C

23.0

DISTILLATION SUMMARY
(VOLUME FRACTION)

200° C NAPHTHA	275° C KEROSENE	350° C LIGHT GAS OIL
0.16	0.34	0.58

RECOVERED

0.92

RESIDUE

0.06

DISTILLATION LOSS

0.02

CHARACTERIZATION FACTOR

11.9

REMARKS: * THE DISTILLATION TEMPERATURES HAVE BEEN CORRECTED TO 101.3 KPA (ABS).
SAMPLE CONTAINED 14% OF FREE MUD BY VOLUME. BS&W PERFORMED ON OIL PORTION ONLY.

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