



CALGARY

EDMONTON

GRANDE PRAIRIE

OIL ANALYSIS

CONTAINER IDENTIFICATION

PB #6

LABORATORY NUMBER

05053A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON 60 10'N117 30'W BO8

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

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

91-02-03

91-02-07

91-02-14

B.C.L

B-08

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

DARK BROWN

WATER

0.024

SEDIMENT

0.002

TOTAL

0.026

COLOUR NUMBER ASTM D-155

D8 A.S.T.M.

DENSITY

RELATIVE

AS RECEIVED

AFTER CLEANING

0.8504

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

AS RECEIVED

AFTER CLEANING

849.6

API GRAVITY @ 15° C

34.90

TOTAL SULPHUR
(MASS FRACTION)

0.00679

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

POUR POINT / ° C

U.S.B.M.

A.S.T.M.

-9

RVP/kPa

CARBON RESIDUE
(MASS FRACTION)

CONRADSON

RAMSBOTTOM

VISCOSITY

TEMP / °C	ABSOLUTE/ $\text{mPa}\cdot\text{s}$	KINEMATIC/ $\text{mm}^2\cdot\text{s}^{-1}$
25	5.46	6.48
38	3.90	4.67
50	3.00	3.63

VOLUME FRACTION	TEMP. / °C
0.05	120.4
0.10	141.6
0.15	159.8
0.20	178.0
0.25	195.2
0.30	210.4
0.35	228.6
0.40	242.8
0.45	261.0
0.50	276.1
0.55	293.3
0.60	311.5
0.65	329.7
0.70	343.9
0.75	359.1
0.80	372.2
0.85	380.3
0.90	383.3
0.95	
1.00	
F.B.P	383.3
CRACKED	

DISTILLATION

METHOD

A.S.T.M. - D86*

INITIAL BOILING POINT

88.0

ABS BAROM PRESS/kPa

88.8

ROOM TEMP/°C

23.0

DISTILLATION SUMMARY

(VOLUME FRACTION)

200° C
NAPHTHA

0.27

275° C
KEROSENE

0.49

350° C
LIGHT GAS OIL

0.72

RECOVERED

0.96

RESIDUE

0.02

DISTILLATION LOSS

0.02

CHARACTERIZATION FACTOR

11.9

REMARKS:

* THE DISTILLATION TEMPERATURES HAVE BEEN CORRECTED TO 101.3 KPA (ABS).