



AGA

Laboratories

CALGARY

EDMONTON

GRANDE PRAIRIE

OIL ANALYSIS

CALGARY COPY

CONTAINER IDENTIFICATION

PB #7

05267C

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON B-25

757.7

754.3

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

SULPHUR POINT

NORTHLAND

TEST TYPE

NO

TEST RECOVERY

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/ Ω m

@ 25° C

SWAB

TEST INTERVAL OR PERFS

1414.5-1416.0

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

91-03-07

91-03-11

91-03-14

B.C.L

#37 SWAB LINE

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

WATER

SEDIMENT

TOTAL

DARK BROWN

0.005

0.001

0.006

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

API GRAVITY @ 15° C

34.70

TOTAL SULPHUR
(MASS FRACTION)

0.00660

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

POUR POINT / ° C

U.S.B.M.

A.S.T.M.

-3

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	6.25	7.40
38	4.46	5.33
50	3.35	4.04

DISTILLATION

METHOD

A.S.T.M. - D86*

INITIAL
BOILING POINT

98.5

ABS BAROM PRESS/kPa

87.7

ROOM TEMP/° C

22.0

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

0.21

0.43

0.64

RECOVERED

0.96

RESIDUE

0.02

DISTILLATION
LOSS

0.02

CHARACTERIZATION
FACTOR

11.9

VOLUME FRACTION	TEMP. / ° C
0.05	125.8
0.10	153.2
0.15	175.4
0.20	195.7
0.25	213.9
0.30	231.1
0.35	249.3
0.40	266.5
0.45	284.8
0.50	303.0
0.55	323.2
0.60	337.4
0.65	355.6
0.70	373.8
0.75	391.0
0.80	400.1
0.85	405.2
0.90	408.2
0.95	
1.00	
F.B.P	408.2
CRACKED	

REMARKS:

* THE DISTILLATION TEMPERATURES HAVE BEEN CORRECTED TO 101.3 KPA(ABS).
SAMPLE CONTAINED 38% OF FREE WATER BY VOLUME. BS&W PERFORMED ON OIL PORTION ONLY.

