



OIL ANALYSIS

CALGARY COPY

OPERATOR NAME

CONTAINER IDENTIFICATION

PE #3

LABORATORY NUMBER

05159A

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON

C-50

692.69

688.39

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

SEPARATOR

@ 25° C

TEST INTERVAL OR PERFS

1360.0-1362.0
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

91-02-18

91-02-25

91-03-01

B, C, L

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

LIGHT BROWN

WATER

0.000

SEDIMENT

0.002

TOTAL

0.002

COLOUR NUMBER ASTM D-155

L 1.5 A.S.T.M.

DENSITY

RELATIVE

AS RECEIVED

0.7917

AFTER CLEANING

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

AS RECEIVED

791.0

AFTER CLEANING

API GRAVITY @ 15° C

47.23

TOTAL SULPHUR
(MASS FRACTION)

0.00213

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

POUR POINT / °C

U.S.B.M.

A.S.T.M.

-50

RVPPa

CARBON RESIDUE
(MASS FRACTION)

CONRADSON

RAMSBOTTOM

VISCOSITY

TEMP / °C	ABSOLUTE/ $\text{mPa}\cdot\text{s}$	KINEMATIC/ $\text{mm}^2\cdot\text{s}^{-1}$
25	1.11	1.41
38	0.93	1.20
50	0.80	1.05

DISTILLATION

METHOD

A.S.T.M.-D86*

INITIAL
BOILING POINT

67.0

ABS BAROM PRESS/kPa

88.1

ROOM TEMP/°C

22.0

DISTILLATION SUMMARY
(VOLUME FRACTION)200° C
NAPHTHA

0.45

275° C
KEROSENE

0.94

350° C
LIGHT GAS OIL

0.98

RECOVERED

0.98

RESIDUE

0.00

DISTILLATION
LOSS

0.02

CHARACTERIZATION
FACTOR

11.9

VOLUME FRACTION	TEMP. / °C
0.05	114.6
0.10	139.9
0.15	153.0
0.20	163.1
0.25	171.2
0.30	180.3
0.35	189.4
0.40	195.5
0.45	198.6
0.50	202.6
0.55	207.7
0.60	212.7
0.65	217.8
0.70	221.8
0.75	227.9
0.80	234.0
0.85	239.0
0.90	246.1
0.95	286.6
1.00	
F.B.P	286.6
CRACKED	

REMARKS:

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

CANADA OIL AND GAS LANDS
ADMINISTRATION DU PETROLE ET DU
GAS DES TERRES DU CANADA
MAR 15 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTROLE