

**AGA****Laboratories**

9211-P33-4-4RE



CALGARY

EDMONTON

GRANDE PRAIRIE

CALGARY COPY**OIL ANALYSIS**

CONTAINER IDENTIFICATION

PB #4

LABORATORY NUMBER

05267A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

ELEVATIONS KB m GRD m

PARAMOUNT et al CAMERON A-68

746.12 742.42

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

MUSKEG

NORTHLAND

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

1418.0-1424.0
mKB

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY/ Ω m

SWAB

@25° C

GAUGE PRESSURE kPa	SEPARATOR	TREATER	RESERVOIR	SOURCE	SAMPLED	RECEIVED
TEMPERATURE °C						

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

91-03-01

91-03-11

91-03-15

B.C.L

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL

WATER

SEDIMENT

TOTAL

DARK BROWN

TRACE

0.006

0.006

COLOUR NUMBER ASTM D-155

D8 A.S.T.M.

DENSITY

ABSOLUTE kg/m^3

RELATIVE

AS RECEIVED

AFTER CLEANING

AS RECEIVED

AFTER CLEANING

API GRAVITY @ 15°C

34.24

TOTAL SULPHUR
(MASS FRACTION)TOTAL SALT g/m^3

U.S.B.M.

A.S.T.M.

0.00793

-12

POUR POINT / °C

CONRADSON

RAMSBOTTOM

RVP/kPa

VISCOSITY

TEMP / °C

ABSOLUTE/mPa·s

KINEMATIC/mm²·s⁻¹

25

6.17

7.29

38

4.51

5.38

50

3.46

4.16

VOLUME FRACTION	TEMP. / °C
0.05	111.7
0.10	129.9
0.15	153.2
0.20	175.4
0.25	198.7
0.30	217.9
0.35	239.2
0.40	261.5
0.45	283.7
0.50	305.0
0.55	330.3
0.60	352.6
0.65	369.8
0.70	380.9
0.75	390.0
0.80	397.1
0.85	
0.90	
0.95	
1.00	
F.B.P.	397.1
CRACKED	

DISTILLATION

METHOD

A.S.T.M.-D86*

INITIAL BOILING POINT
89.4

ABS BAROM PRESS/kPa

87.7

ROOM TEMP. / °C
22.0

DISTILLATION SUMMARY

(VOLUME FRACTION)

200°C NAPHTHA
0.25275°C KEROSENE
0.43350°C LIGHT GAS OIL
0.59

RECOVERED

0.90

RESIDUE

0.08

DISTILLATION LOSS

CHARACTERIZATION FACTOR
11.9

REMARKS: * THE DISTILLATION TEMPERATURES HAVE
BEEN CORRECTED TO 101.3 KPA(ABS).
SAMPLE CONTAINED 12% OF FREE WATER
BY VOLUME. BS&W PERFORMED ON OIL
PORTION ONLY.

