

**AGA****Laboratories**

CALGARY

EDMONTON

GRANDE PRAIRIE

OIL ANALYSIS

CONTAINER IDENTIFICATION

PB 5A

LABORATORY NUMBER

017120B

PARAMOUNT RESOURCES LTD.

OPERATOR NAME

UNIQUE WELL IDENTIFIER

WELL NAME
PARA et al CAMERON C75 60 10'N 117 15'W

KB m ELEVATIONS GRD m

788.47

783.62

FIELD OR AREA

CAMERON

POOL OR ZONE

SULPHUR POINT

NAME OF SAMPLER

COMPANY

SAME

TEST TYPE

DST

NO

2

TEST RECOVERY

SAMPLING POINT

SURFACE

AMT & TYPE OF CUSHION

MUD RESISTIVITY/ Ω m

@25°C

TEST INTERVAL OR PERFS

1423.30-1439.00

mKB

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

DATE SAMPLED (Y-M-D)

94-03-14

DATE RECEIVED (Y-M-D)

94-03-15

DATE REPORTED (Y-M-D)

94-03-18

ANALYST

A, C, S NCO

OTHER INFORMATION

FLOWING START

SAMPLE PROPERTIES

B.S. & W. (VOLUME FRACTION)

COLOUR OF CLEAN OIL	WATER	SEDIMENT	TOTAL
DARK BROWN	0.035	TRACE	0.035

COLOUR NUMBER ASTM D-155

D8 A.S.T.M.

DENSITY

RELATIVE	AS RECEIVED	AFTER CLEANING	AS RECEIVED	AFTER CLEANING
		0.8621		861.3

API GRAVITY @ 15°C

32.64

TOTAL SULPHUR (MASS FRACTION)

0.00851

TOTAL SALT g*m⁻³

U.S.B.M.

A.S.T.M.

-3

RVP/kPa

CARBON RESIDUE (MASS FRACTION)

CONRADSON

RAMSBOTTOM

VISCOSITY		
TEMP / °C	ABSOLUTE/mPa*s	KINEMATIC/mm ² *s ⁻¹
25	9.21	10.77
38	5.93	7.00
50	4.17	4.97

VOLUME FRACTION	TEMP. / °C
0.05	
0.10	
0.15	
0.20	
0.25	
0.30	
0.35	
0.40	
0.45	
0.50	
0.55	
0.60	
0.65	
0.70	
0.75	
0.80	
0.85	
0.90	
0.95	
1.00	
F.B.P.	
CRACKED	

DISTILLATION

METHOD

INITIAL BOILING POINT

ABS BAROM PRESS/kPa

ROOM TEMP/°C

DISTILLATION SUMMARY (VOLUME FRACTION)

200°C NAPHTHA

275°C KEROSENE

350°C LIGHT GAS OIL

RECOVERED

RESIDUE

DISTILLATION LOSS

CHARACTERIZATION FACTOR

12.0

REMARKS

SAMPLE CONTAINED 51.5% FREE WATER BY VOLUME. BS&W PERFORMED ON OIL PORTION ONLY. INSUFFICIENT SAMPLE FOR FURTHER ANALYSIS.