



Container Identification		Laboratory Number	
PB-2		O42149B	
Operator Name			
PARAMOUNT RESOURCES LTD.			
Unique Well Identifier	Well Name		Elevation
	PARAMOUNT et al FORT LIARD F-36		KB m GRD m
Field or Area	Pool or Zone	Sampler's Company	
FORT LIARD		AGAT	
Test Type	Test No.	Test Recovery	Name of Sampler
Test Interval or Perfs		Sampling Point	Separator Reservoir Source Sampled Received
		TEST SEPARATOR	
		Pressure (kPa)	
		Temperature (°C)	
Date Sampled	Date Received	Date Reported	Analyst
Aug 19, 1999	Aug 27, 1999	Aug 31, 1999	V,J
Other Information			

Sample Properties

Colour of Clean Oil	Colour Number ASTM D-1500
Colorless	L-1 A.S.T.M.

B.S. & W. (Volume Fraction)

Water	Sediment	Total
Trace	Trace	Trace
Free Sediment		
2.56 vol%		

Density - After Cleaning

API Gravity @ 15°C	Relative Absolute
45.71	0.7985 797.8

Total Sulphur Mass Fraction	Pour Point / °C (A.S.T.M. D-97)
0.000068	-48

Viscosity

Temp °C	Absolute mPa·s	Kinematic mm²s⁻¹
25	1.03	1.30
38	0.84	1.08
50	0.73	0.95

Distillation

Volume Fraction	Temp / °C
0.05	96.2
0.10	111.3
0.15	126.5
0.20	137.6
0.25	145.7
0.30	154.8
0.35	163.9
0.40	173.0
0.45	180.1
0.50	188.2
0.55	196.3
0.60	204.4
0.65	212.5
0.70	221.6
0.75	231.7
0.80	241.8
0.85	252.9
0.90	270.1
0.95	308.6
F.B.P.	309.6

Method
A.S.T.M. -D86*

Initial Boiling Point
67.9

Absolute Barometric Pressure (kPa)
88.6

Room Temp (°C)
16.0

Characterization Factor
11.7

200 °C Naptha	275 °C Kerosene	350 °C Light Gas Oil
0.57	0.91	0.97
Recovered	Residue	Distillation Loss
0.97	0.02	0.01

Remarks:

The distillation temperatures have been corrected to 101.3 kPa (abs).
BS&W PERFORMED ON OIL PORTION ONLY.

