



Container Identification		Laboratory Number	
PB#1		C69078A	
Operator Name			
PARAMOUNT RESOURCES LTD.			
Unique Well Identifier	Well Name		Elevation
N-01	PARA et al FORT LIARD N-01		KB m 492.10 GRD m 487.00
Field or Area	Pool or Zone	Sampler's Company	
NWT	MATTSON SAND	SOLID PRODUCTION SERVICES	
Test Type	Test No.	Test Recovery	Name of Sampler
		N-01 - 60 deg 10' Latitude 123 deg 15' Longitude	
Test Interval or Perfs		Sampling Point	Separator Reservoir Source Sampled Received
1739.50-1750.00	1684.00-1689.00	PRESSURE TANK	Pressure (kPa)
1731.50-1736.50	1644.0-1648.0 mKB		Temperature (°C)
Date Sampled	Date Received	Date Reported	Analyst
Mar 05, 2001	Mar 15, 2001	Mar 29, 2001	KK
Other Information			
INTERVAL 1455.00-1469.00 mKB			

COMP.	MOLE FRACTION	MASS FRACTION	VOLUME FRACTION
N2	0.0000	0.0000	0.0000
CO2	0.0000	0.0000	0.0000
H2S	0.0000	0.0000	0.0000
C1	0.0002	TRACE	0.0001
C2	0.0013	0.0004	0.0007
C3	0.0077	0.0030	0.0044
IC4	0.0067	0.0034	0.0045
NC4	0.0198	0.0102	0.0130
IC5	0.0314	0.0200	0.0240
NC5	0.0375	0.0239	0.0283
C6	0.0901	0.0682	0.0766
C7+	0.8053	0.8709	0.8484
TOTAL	1.0000	1.0000	1.0000

Observed Properties of C7+ Residue (15/15° C)

Density	Relative Density	API @ 15°
766.8 kg/m ³	0.7675	52.9

Relative Molecular Mass

122.5

Calculated Properties of Total Sample (15/15° C)

Density	Relative Density	API @ 15°
747.0 kg/m ³	0.7476	57.8

Relative Molecular Mass

113.3

Calculations for C6 and C7 are based on Boiling Point Grouping. If Carbon Number Grouping had been done, the mole fractions would be (C6: 0.2456) (C7+: 0.6498)

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.

