

Container Identification		AGAT 742					
Operator Name		PARAMOUNT RESOURCES LTD.					
Laboratory Number		05G146283B					
Unique Well Identifier	Well Name		Elevation				
NOT AVAILABLE	PARAMOUNT et al LIARD K-29A		KB m 416.40 GRD m 409.60				
Field or Area	Pool or Zone	Sampler's Company					
LIARD	NAHANNI	OPSCO					
Test Type	Test No.	Test Recovery	Name of Sampler				
Test Interval or Perfs		Sampling Point	Separator	Reservoir	Source	Sampled	Received
OPEN HOLE		SEPARATOR	Pressure (kPa)	621		621	750
			Temperature	92		92	21
Date Sampled	Date Received	Date Reported	Entered By	Certified By			
Nov 02, 2005	Nov 23, 2005	Nov 29, 2005	GE	GE			
Other Information							
FIELD H2S = 65 ppm/LAB = ND							

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 WebFLUIDs, a comparison, history and trending analysis system.

COMP	MOLE FRACTION		PETROLEUM LIQUID mL / m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0001	0.0001	
He	0.0015	0.0019	
N2	0.0286	0.0355	
CO2	0.1942	0.0000	
H2S	0.0001	0.0000	
C1	0.7728	0.9593	
C2	0.0017	0.0021	
C3	0.0006	0.0007	2.2
IC4	0.0001	0.0001	0.4
NC4	0.0002	0.0002	0.8
IC5	TRACE	TRACE	0.0
NC5	TRACE	TRACE	0.0
C6	TRACE	TRACE	0.0
C7+	0.0001	0.0001	0.6
Total	1.0000	1.0000	4.0

Exceeds normal limits:
CO2

GROSS HEATING VALUE MJ/m ³ 15° C AND 101.325 kPa				
Air Free As Received	Moisture & Acid Gas Free	C7+, Air Free As Received		
29.44	36.46	0.02		
RELATIVE DENSITY (CALCULATED)				
Moisture Free	Moisture & Acid Gas Free	C7+, Moisture Free	C7+, Portion Whole Density	C7+ Density (kg/m3)
0.755	0.570	3.460	0.000	688.0

PSEUDO CRITICAL PROPERTIES (CALCULATED)			
As Sampled pPc (abs) kPa	pTc K	Acid Gas Free pPc (abs) kPa	pTc K
5102	210.9	4552	188.4

RELATIVE MOLECULAR MASS	
Total Gas	C ₇ +
21.9	100.2

VAPOUR PRESSURE (Pentanes +)		H2S g/m ³
11.17 kPa		0.14