

<b>Container Identification</b>					
AGAT 742					
<b>Operator Name</b>					
PARAMOUNT RESOURCES LTD.					
<b>Unique Well Identifier</b>		<b>Well Name</b>			<b>Laboratory Number</b>
NOT AVAILABLE		PARAMOUNT et al LIARD K-29A			05G146283B
<b>Field or Area</b>		<b>Pool or Zone</b>		<b>Elevation</b>	
LIARD		NAHANNI		KB m	416.40 GRD m 409.60
<b>Test Type</b>		<b>Test No.</b>	<b>Sampler's Company</b>		
			OPSCO		
		<b>Test Recovery</b>			<b>Name of Sampler</b>
<b>Test Interval or Perfs</b>		<b>Sampling Point</b>		<b>Separator</b>	<b>Reservoir</b>
OPEN HOLE		SEPARATOR		Pressure (kPa)	621
				Temperature	92
				<b>Source</b>	<b>Sampled</b>
				621	750
				92	21
<b>Date Sampled</b>		<b>Date Received</b>	<b>Date Reported</b>	<b>Entered By</b>	
Nov 02, 2005		Nov 23, 2005	Nov 29, 2005	GE	
				<b>Certified By</b>	
				GE	
<b>Other Information</b>					
FIELD H <sub>2</sub> S = 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
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	mL / m³
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
<b>Total</b>	1.0000	1.0000	4.0

Exceeds normal limits:  
CO2

**GROSS HEATING VALUE MJ/m<sup>3</sup>**  
**15° C AND 101.325 kPa**

<b>Air Free As Received</b>	<b>Moisture &amp; Acid Gas Free</b>	<b>C7+, Air Free As Received</b>
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		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
5102	210.9	4552	188.4

### RELATIVE MOLECULAR MASS

Total Gas	C <sub>7</sub> <sup>+</sup>
21.9	100.2

**VAPOUR PRESSURE**  
(Pentanes +)

11.17 kPa $\text{H}_2\text{S}$  g/m<sup>3</sup>0.14