AGAT® Laboratories

GAS ANALYSIS

Container Identification
AGAT 742

Operator Name	Laboratory Number
PARAMOUNT RESOURCES LTD.	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
OPEN HOLE		SEPARATOR

	Separator	Reservoir	Source	Sampled	Received
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
	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
Total	1.0000	1.0000	4.0

Exceeds normal limits:
CO2

GROSS HEATING VALUE MJ/m³
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) **DENSITY**

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_7+
21.9	100.2

VAPOUR PRESSURE (Pentanes +)

11.17 kPa

H2S g/m³

0.14

AGAT® Laboratories

GAS ANALYSIS

Container Identification
AGAT 5115

Operator Name	Laboratory Number
PARAMOUNT RESOURCES LTD.	05G146283A

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
OPEN HOLE	SURFACE CASING VENT

	Separator	Reservoir	Source	Sampled	Received
Pressure (kPa)			1144	1144	1200
Temperature					21

Date Sampled	Date Received	Date Reported	Entered By	Certified By
Nov 02, 2005	Nov 23, 2005	Nov 29, 2005	GE	GE

Other Information

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	0.0005	0.0005	
N2	0.0121	0.0121	
CO2	0.0015	0.0000	
H2S	0.0000	0.0000	
C1	0.9775	0.9790	
C2	0.0051	0.0051	
C3	0.0013	0.0013	4.8
IC4	0.0003	0.0003	1.3
NC4	0.0006	0.0006	2.5
IC5	0.0002	0.0002	1.0
NC5	0.0002	0.0002	1.0
C6	0.0002	0.0002	1.1
C7+	0.0004	0.0004	2.6
Total	1.0000	1.0000	14.3

GROSS HEATING VALUE MJ/m³
15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free	C7+, Air Free As Received
37.69	37.74	0.09

RELATIVE DENSITY (CALCULATED) **DENSITY**

Moisture Free	Moisture & Acid Gas Free	C7+, Moisture Free	C7+, Portion Whole Density	C7+ Density (kg/m3)
0.568	0.566	3.702	0.001	697.8

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4590	191.2	4585	191.0

RELATIVE MOLECULAR MASS

Total Gas	C_7+
16.4	107.2

VAPOUR PRESSURE (Pentanes +)	H_2S g/m³
59.49 kPa	0.00

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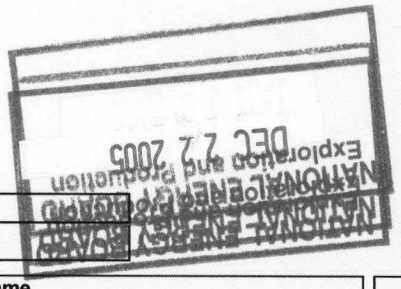
GAS ANALYSIS



Container Identification
AGAT 21108

Operator Name	Laboratory Number
PARAMOUNT RESOURCES LTD.	05G146283C

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
OPEN HOLE		METER RUN

	Separator	Reservoir	Source	Sampled	Received
Pressure (kPa)			410	410	320
Temperature			84	84	21

Date Sampled	Date Received	Date Reported	Entered By	Certified By
Nov 12, 2005	Nov 23, 2005	Nov 29, 2005	GE	GE

Other Information
FIELD H2S = 5000 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	0.0002	0.0003	
He	0.0011	0.0014	
N2	0.0283	0.0365	
CO2	0.2191	0.0000	
H2S	0.0050	0.0000	
C1	0.7461	0.9615	
C2	0.0002	0.0003	
C3	TRACE	TRACE	0.0
IC4	TRACE	TRACE	0.0
NC4	TRACE	TRACE	0.0
IC5	TRACE	TRACE	0.0
NC5	TRACE	TRACE	0.0
C6	TRACE	TRACE	0.0
C7+	TRACE	TRACE	0.0
Total	1.0000	1.0000	0.0

Exceeds normal limits:
CO2

GROSS HEATING VALUE MJ/m³
15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free
28.34	36.29

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.780	0.568

DENSITY

C7+ Density (kg/m3)
697.8

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
5195	214.3	4553	187.9

RELATIVE MOLECULAR MASS

Total Gas	C_7+
22.6	107.2

VAPOUR PRESSURE (Pentanes +)

0.00 kPa

H_2S g/m³

7.19