

**GAS ANALYSIS**

Container Identification
AGAT 70

Laboratory Number
GE63639A

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation	
NOT AVAILABLE	PARA et al FT. LIARD I-46	KB m	GRD m

Field or Area	Pool or Zone	Sampler's Company
FORT LIARD	MATTSON SAND	SAME

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
	METER RUN	Pressure (kPa)		207	207	220
		Temperature (°C)		-10	-10	21

Date Sampled	Date Received	Date Reported	Analyst
Jan 05, 2001	Jan 11, 2001	Jan 16, 2001	LQ

Other Information

COMP	MOLE FRACTION		PETROLEUM LIQUID
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	mL • m ³
H ₂	TRACE	TRACE	
He	0.0001	0.0001	
N ₂	0.0032	0.0032	
CO ₂	0.0096	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.8989	0.9078	
C ₂	0.0429	0.0433	
C ₃	0.0220	0.0222	80.8
IC ₄	0.0034	0.0034	14.8
NC ₄	0.0095	0.0096	40.0
IC ₅	0.0028	0.0028	13.7
NC ₅	0.0037	0.0037	17.9
C ₆	0.0024	0.0024	13.2
C ₇₊	0.0015	0.0015	9.3
Total	1.0000	1.0000	189.7

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

Air Free As Received	Moisture & Acid Gas Free
42.20	42.59

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.648	0.639

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4605	206.3	4578	205.3

RELATIVE MOLECULAR MASS

Total Gas	C ₇₊
18.8	101.1

VAPOUR PRESSURE
(Pentanes +)

85.58 kPa

H₂S g/m³

0.00



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ENGINEERING DIVISION
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