



Laboratories



N.E.D. COPY

GAS ANALYSIS

Container Identification
AGAT 20698

Laboratory Number
GF63506A

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
NOT AVAILABLE	PARAMOUNT et al FT LIARD 1-46	KB m GRD m

Field or Area	Pool or Zone	Sampler's Company
FORT LIARD	MATTSON SAND	SOLID PRODUCTION SERVICES

Test Type	Test No.	Test Recovery	Name of Sampler
		LATITUDE 60 deg 10' LONGITUDE 123 deg 15'	

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
	PRESSURE TANK	Pressure (kPa)		585	585	1400
		Temperature (°C)		-16	-16	21

Date Sampled	Date Received	Date Reported	Analyst
Jan 04, 2001	Jan 09, 2001	Jan 12, 2001	PL

Other Information

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0002	0.0002	
He	0.0001	0.0001	
N ₂	0.0189	0.0190	
CO ₂	0.0070	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.9033	0.9098	
C ₂	0.0407	0.0410	
C ₃	0.0187	0.0188	68.7
IC ₄	0.0025	0.0025	10.9
NC ₄	0.0061	0.0061	25.7
IC ₅	0.0011	0.0011	5.4
NC ₅	0.0011	0.0011	5.3
C ₆	0.0003	0.0003	1.6
C ₇ +	TRACE	TRACE	TRACE
Total	1.0000	1.0000	117.6

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

Air Free As Received	Moisture & Acid Gas Free
40.04	40.31

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.624	0.617

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4594	200.8	4574	200.0

RELATIVE MOLECULAR MASS

Total Gas	C ₇ +
18.1	100.2

VAPOUR PRESSURE
(Pentanes +)

113.37 kPa

H₂S g/m³

0.00



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