

AGAT® Laboratories**GAS ANALYSIS**

CONTAINER IDENTIFICATION

AGAT 124779

LABORATORY NUMBER

GF34205D

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

PARAMOUNT et al LIARD F-36

KB m ELEVATIONS GRD m

470.30

464.80

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

LIARD

MATTSON

ENTEST CORP.

TEST TYPE

NO

TEST RECOVERY

FLOW

2

60 DEG. 5' 46" latitude 123 DEG. 22' 6" longitude

TEST INTERVAL OR PERFS

SAMPLING POINT

1494.0-1565.8

METER RUN

mKB

GAUGE PRESSURE kPa

TEMPERATURE °C

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

960

960

980

21

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

98-12-28

99-01-05

99-01-11

PL NCO

SAMPLE #2D

COMP	MOLE FRACTION		PETROLEUM LIQUID CONTENT ML + M ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0000	0.0000	
H ₂	0.0001	0.0001	
N ₂	0.0120	0.0123	
CO ₂	0.0168	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.9419	0.9580	
C ₂	0.0224	0.0227	
C ₃	0.0045	0.0046	16.6
iC ₄	0.0012	0.0012	5.2
NC ₄	0.0006	0.0006	2.5
iC ₅	0.0003	0.0003	1.4
NC ₅	0.0001	0.0001	0.6
C ₆	0.0001	0.0001	0.4
C ₇	TRACE	TRACE	0.1
C ₈	0.0000	0.0000	0.0
C ₉	0.0000	0.0000	0.0
C ₁₀₊	0.0000	0.0000	0.0
TOTAL	1.0000	1.0000	26.8

GROSS HEATING VALUE MJ/m³
15 °C AND 101.325 kPaMOISTURE AND
ACID GAS FREE

38.44

AIR FREE
AS RECEIVED

37.79

VAPOUR PRESSURE
PENTANES PLUS

111.4

kPa

RELATIVE DENSITY

MOISTURE FREE AS SAMPLED

MEASURED

CALCULATED

0.594

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

0.578

PSEUDO CRITICAL PROPERTIES (CALCULATED)

AS SAMPLED

p_{Pc} (kPa)

4638 kPa

p_{Tc}

195.6 K

ACID GAS FREE

p_{Pc} (kPa)

4591 kPa

p_{Tc}

193.7 K

RELATIVE MOLECULAR MASS

TOTAL GAS

17.2

C₇₊

100.2

H₂S g/m³

0.00

REMARKS