



GAS ANALYSIS

CONTAINER IDENTIFICATION

AGAT 22123

LABORATORY NUMBER

GF41766A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al LIARD F-36

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

LIARD

RF

AGAT

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

SAMPLING POINT

FLOW LINE

GAUGE PRESSURE kPa

TEMPERATURE °C

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

4413

4413

3585

34

34

21

DATE SAMPLED (Y-M-D)

99-08-14

DATE RECEIVED (Y-M-D)

99-08-17

DATE REPORTED (Y-M-D)

99-08-17

ANALYST

LQ

NCO

OTHER INFORMATION

COMP.	MOLE FRACTION		PETROLEUM LIQUID CONTENT mg/m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	TRACE	TRACE	
H ₆	0.0001	0.0001	
N ₂	0.0029	0.0029	
CO ₂	0.0116	0.0000	
H ₂ S	TRACE	TRACE	
C ₁	0.9471	0.9582	
C ₂	0.0231	0.0234	
C ₃	0.0075	0.0076	27.5
IC ₄	0.0015	0.0016	6.7
NC ₄	0.0023	0.0023	9.6
IC ₅	0.0009	0.0009	4.3
NC ₅	0.0008	0.0008	3.8
C ₆	0.0010	0.0010	5.3
C ₇	0.0009	0.0009	5.3
C ₈	0.0003	0.0003	2.3
C ₉	0.0000	0.0000	0.0
C ₁₀₊	0.0000	0.0000	0.0
TOTAL	1.0000	1.0000	64.8

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

39.63

AIR FREE
AS RECEIVED

39.17

VAPOUR PRESSURE
PENTANES PLUS

66.1

kPa

RELATIVE DENSITY

MOISTURE FREE AS SAMPLED

MEASURED

CALCULATED

0.599

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

0.589

PSEUDO CRITICAL PROPERTIES (CALCULATED)

AS SAMPLED

p_{Pc} (abs)

4628 kPa

p_{T0}

197.7 K

ACID GAS FREE

p_{Pc} (abs)

4595 kPa

p_{T0}

196.5 K

RELATIVE MOLECULAR MASS

TOTAL GAS

17.4

C₇₊

104.2

H₂S g/m³

0.01

REMARKS:

FIELD H₂S = 0.5ppm