

AGAT Laboratories**GAS ANALYSIS**

CONTAINER IDENTIFICATION

AGAT 1221

LABORATORY NUMBER

GP34205E

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

mKB

METER RUN

GAUGE PRESSURE kPa

TEMPERATURE °C

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

715

715

900

21

DATE SAMPLED (Y-M-D)

98-12-28

DATE RECEIVED (Y-M-D)

99-01-05

DATE REPORTED (Y-M-D)

99-01-11

ANALYST

PL

NCO

OTHER INFORMATION

SAMPLE #2C

COMP	MOLE FRACTION		PETROLEUM LIQUID CONTENT mL · m ⁻³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0001	0.0001	
H ₂	0.0001	0.0001	
N ₂	0.0176	0.0179	
CO ₂	0.0150	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.9364	0.9506	
C ₂	0.0223	0.0226	
C ₃	0.0047	0.0048	17.4
iC ₄	0.0014	0.0014	6.0
nC ₄	0.0010	0.0010	4.3
iC ₅	0.0004	0.0004	2.1
nC ₅	0.0003	0.0003	1.4
C ₆	0.0005	0.0005	2.6
C ₇	0.0001	0.0001	0.7
C ₈	0.0001	0.0002	1.0
C ₉	0.0000	0.0000	0.0
C ₁₀₊	0.0000	0.0000	0.0
TOTAL	1.0000	1.0000	35.5

GROSS HEATING VALUE MJ · m⁻³
15 °C AND 101.323 kPaMOISTURE AND
ACID GAS FREE

38.42

AIR FREE
AS RECEIVED

37.84

VAPOUR PRESSURE
PENIANS PLUS

75.3

kPa

RELATIVE DENSITY

MOISTURE FREE AS SAMPLED

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

0.598

MEASURED

CALCULATED

0.584

PSEUDO CRITICAL PROPERTIES (CALCULATED)

AS SAMPLED

ACID GAS FREE

dPc (kPa)

4624

dPc

195.5

dPc (kPa)

4582

dPc

193.8

K

RELATIVE MOLECULAR MASS

TOTAL GAS

C₇ +

17.3

108.3

H₂S g/m³

0.00

REMARKS: