



AGAT Laboratories

9201-P33-4-7

**CALGARY COPY**

CALGARY

EDMONTON

GRANDE PRAIRIE

GAS ANALYSIS

CONTAINER IDENTIFICATION

AGAT 17199

LABORATORY NUMBER

GG1704A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON M73

775.15

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

SULPHUR POINT

SAME

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

SAMPLING POINT

1404.0-1425.0

mKB

BHS

GAUGE PRESSURE kPa

TEMPERATURE °C

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

20

22

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

91-02-12

91-02-15

91-02-25

GE LS

M73

COMP.	MOLE FRACTION		PETROLEUM LIQUID CONTENT mL · m ⁻³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0005	0.0005	
He	0.0006	0.0007	
N ₂	0.0835	0.0875	
CO ₂	0.0461	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.8268	0.8668	
C ₂	0.0193	0.0203	
C ₃	0.0137	0.0144	50.5
IC ₄	0.0022	0.0023	9.6
NC ₄	0.0031	0.0032	13.0
IC ₅	0.0010	0.0010	4.7
NC ₅	0.0010	0.0010	4.8
C ₆	0.0009	0.0009	4.7
C ₇ +	0.0013	0.0014	8.7
C ₈			
C ₉			
C ₁₀ +			
TOTAL	1.0000	1.0000	96.0

GROSS HEATING VALUE MJm⁻³
15° C AND 101.325 kPa

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

36.91

DETERMINED DEW POINT

VAPOUR PRESSURE PENTANES PLUS

67.6 kPa

ACTUAL GROSS HEATING VALUE: 35.21

RELATIVE DENSITY

MOISTURE FREE AS SAMPLED

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

0.673

MEASURED

CALCULATED

0.632

PSEUDO CRITICAL PROPERTIES (CALCULATED)

AS SAMPLED

ACID GAS FREE

pPc (abs)

pTc

pPc (abs)

pTc

4618 kPa

197.4 K

4485 kPa

192.2 K

RELATIVE MOLECULAR MASS

TOTAL GAS

C₇ +

19.5

107.2

H₂S g/m³

0.00

REMARKS:

EXCEED NORMAL LIMITS : N2

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION ON DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA
MAR 6 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTROLE