



AGAT Laboratories

OTTAWA COPY -

EDMONTON

GRANDE PRAIRIE

GAS ANALYSIS

9211-P33-5-2RG



CONTAINER IDENTIFICATION

AGAT 18325

LABORATORY NUMBER

GR1651B

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON M-73

775.15

771.45

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

CAMERON

SULPHUR POINT

NORTLAND

TEST TYPE

NO

TEST RECOVERY

TEST INTERVAL OR PERFS

1415.5-1420.5

mKB

SAMPLING POINT

METER RUN

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

GAUGE PRESSURE kPa

TEMPERATURE °C

1340

1340

1340

28

28

22

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

91-03-24

91-04-15

91-04-16

HU

60 10°N 117 15°W

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	0.0008	0.0008	
N ₂	0.0306	0.0321	
CO ₂	0.0403	0.0000	
H ₂ S	0.0073	0.0000	
C ₁	0.8908	0.9355	
C ₂	0.0158	0.0166	
C ₃	0.0074	0.0077	27.1
IC ₄	0.0012	0.0012	5.0
NC ₄	0.0022	0.0023	9.2
IC ₅	0.0007	0.0008	3.5
NC ₅	0.0007	0.0008	3.6
C ₆	0.0008	0.0008	4.2
C ₇₊	0.0009	0.0009	5.7
C ₈			
C ₉			
C ₁₀₊			
TOTAL	1.0000	1.0000	58.3

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

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

38.19

DETERMINED DEW POINT

°C

 VAPOUR PRESSURE
PENTANES PLUS

69.1 kPa

ACTUAL GROSS HEATING VALUE: 36.55

-----RELATIVE DENSITY-----

MOISTURE FREE AS SAMPLED

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

0.636

MEASURED

CALCULATED

0.595

-----PSEUDO CRITICAL PROPERTIES (CALCULATED)-----

AS SAMPLED

ACID GAS FREE

pPc (abs)

4701 kPa

pTc

199.1 K

pPc (abs)

4555 kPa

pTc

193.4 K

-----RELATIVE MOLECULAR MASS-----

TOTAL GAS

 C₇₊

18.4

105.8

 H₂S g/m³

10.48

REMARKS:

MAY 1 1991

 ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTRÔLE

 LAB H₂S = .73%; FIELD NOT GIVEN