

**AGA****Laboratories**

CALGARY

EDMONTON

GRANDE PRAIRIE

**GAS ANALYSIS****OTTAWA COPY**

CONTAINER IDENTIFICATION

AGAT 12776

LABORATORY NUMBER

GG1766A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

KB m ELEVATIONS GRD m

PARAMOUNT et al CAMERON C-19

786.3

784.3

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

NWT

SULPHUR POINT

BAKER

TEST TYPE

NO

TEST RECOVERY

DST

1

TEST INTERVAL OR PERFS

1439.0-1457.0
mKB

SAMPLING POINT

BHS

GAUGE PRESSURE kPa

TEMPERATURE °C

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

350

350

40

24

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

91-02-24

91-03-01

91-03-11

LS

COMP.	MOLE FRACTION		PETROLEUM LIQUID CONTENT mL • m ⁻³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.1118	0.1347	
He	0.0029	0.0035	
N ₂	0.0779	0.0938	
CO ₂	0.1694	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.6066	0.7304	
C ₂	0.0226	0.0272	
C ₃	0.0060	0.0072	22.0
iC ₄	0.0006	0.0007	2.5
NC ₄	0.0012	0.0015	5.2
iC ₅	0.0003	0.0003	1.3
NC ₅	0.0002	0.0002	0.9
C ₆	0.0002	0.0002	0.9
C ₇ +	0.0003	0.0003	1.6
C ₈			
C ₉			
C ₁₀ +			
TOTAL	1.0000	1.0000	34.4

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

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

DETERMINED
DEW POINTVAPOUR PRESSURE
PENTANES PLUS

32.13

°C

75.7 kPa

ACTUAL GROSS HEATING VALUE: 26.70

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

MOISTURE FREE AS SAMPLED

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

MEASURED

CALCULATED

0.716

0.552

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

AS SAMPLED

ACID GAS FREE

pPc (abs)

pTc

pPc (abs)

pTc

4600 kPa

191.0 K

4032 kPa

167.9 K

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

TOTAL GAS

C₇ +

20.7

103.6

H₂S g/m³

0.00

REMARKS:

D.S.T.#1

B.H.S.#Not Available

O.P. = 350 kPa Recovery = Gas, 2000 ml Sour Water

EXCEED NORMAL LIMITS : H₂ ,N₂ ,CO₂

60-08-07.253/117-32-08.031

