



ISPG/ IGSP

GAS ANALYSIS

Container Identification
AGAT 13017

Laboratory Number
04GR79197A

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
60o7'N 117o 13' W B-38	PARA etal CAMERON 60o7'N 117o 13' W B38	KB m 729.89 GRD m 725.29

Field or Area	Pool or Zone	Sampler's Company
CAMERON	KEG RIVER	SELECT PRODUCTION SERVICES

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
1517.50-1525.50	METER RUN	Pressure (kPa)		400	400	450
1609.50-1613.00		Temperature		-21	-21	21

Date Sampled	Date Received	Date Reported	Entered By	Certified By
Mar 30, 2004	Apr 08, 2004	Apr 19, 2004	BD	ES

Other Information
EUB UWI 300B386010117300

COMP	MOLE FRACTION		PETROLEUM LIQUID
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0000	0.0000	mL / m ³
He	0.0009	0.0009	
N2	0.0299	0.0310	
CO2	0.0253	0.0000	
H2S	0.0100	0.0000	
C1	0.8619	0.8935	
C2	0.0387	0.0401	68.7
C3	0.0187	0.0194	
IC4	0.0033	0.0034	
NC4	0.0057	0.0059	
IC5	0.0020	0.0021	
NC5	0.0017	0.0018	
C6	0.0012	0.0012	6.6
C7+	0.0007	0.0007	
Total	1.0000	1.0000	136.2

GROSS HEATING VALUE MJ/m³ 15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free	C7+, Air Free As Received
39.17	40.34	0.15

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free	C7+, Moisture Free
0.659	0.631	0.003

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4667	204.7	4551	200.3

RELATIVE MOLECULAR MASS

Total Gas	C7+
19.1	104.2

VAPOUR PRESSURE (Pentanes +)

91.40 kPa

H2S g/m³

14.39

Other Comments: H2S: FIELD = 10000 ppm LAB = 0.63%

