

N.E.B. COPY

AGAT[®] Laboratories

GAS ANALYSIS

Container Identification V 367		Laboratory Number G63845C																
Operator Name PARAMOUNT RESOURCES LTD.																		
Unique Well Identifier NOT AVAILABLE	Well Name PARA et al FORT LIARD N-01		Elevation KB m 492.10 GRD m															
Field or Area FORT LIARD	Pool or Zone BELLOY	Sampler's Company WEATHERFORD MCA																
Test Type DST	Test No. 8	Test Recovery LATITUDE: 60 deg 10' LONGITUDE: 123 deg 15'	Name of Sampler DW															
Test Interval or Perfs 1368.00-1379.00 mKB		Sampling Point FLARE LINE	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Separator</th> <th>Reservoir</th> <th>Source</th> <th>Sampled</th> <th>Received</th> </tr> <tr> <td>Pressure (kPa)</td> <td></td> <td></td> <td></td> <td>1</td> </tr> <tr> <td>Temperature (°C)</td> <td></td> <td></td> <td></td> <td>21</td> </tr> </table>	Separator	Reservoir	Source	Sampled	Received	Pressure (kPa)				1	Temperature (°C)				21
Separator	Reservoir	Source	Sampled	Received														
Pressure (kPa)				1														
Temperature (°C)				21														
Date Sampled Jan 11, 2001	Date Received Jan 15, 2001	Date Reported Jan 16, 2001	Analyst PL															
Other Information SAMPLE RECEIVED WITH 99.3% AIR CONTAMINATION																		

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0043	0.0105	
He	0.0139	0.0340	
N2	0.1814	0.4436	
CO2	0.5911	0.0000	
H2S	0.0000	0.0000	
C1	0.0112	0.0274	
C2	0.0070	0.0171	
C3	0.0242	0.0592	88.9
IC4	0.0003	0.0007	1.3
NC4	0.0139	0.0340	58.5
IC5	0.0107	0.0262	52.3
NC5	0.0132	0.0323	63.8
C6	0.0529	0.1294	290.5
C7+	0.0759	0.1856	492.0
Total	1.0000	1.0000	1047.3

NOTE: The following have exceeded normal limits: He, N2, CO2, IC5, NC5, C6, C7, C8

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

Air Free As Received	Moisture & Acid Gas Free
34.76	85.17

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
1.652	1.843

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
5670	302.2	3195	299.2

RELATIVE MOLECULAR MASS

Total Gas	C7+
47.8	106.9

VAPOUR
PRESSURE

34.79 kPa

H₂S g/m³

0.00

ALERT!... Received Pressure differs significantly with operating pressure. This may be indicative of a non-representative sample.

Other Comments: 300N016010123150

