



Container Identification
AGAT 21771

Laboratory Number
GE60651A

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
NOT APPLICABLE	PARA et al MOUNT COTY I-02	KB m 372.95 GRD m

Field or Area	Pool or Zone	Sampler's Company
MOUNT COTY	MATTSON	ALPINE

Test Type	Test No.	Test Recovery	Name of Sampler
DST	1	300/60 deg 20' LATITUDE 123 deg 30' LONGITUDE	WEATHERFORD

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
1058.00-1068.00	NOT AVAILABLE	Pressure (kPa)		1500	1500	1700
mKB		Temperature (°C)				21

Date Sampled	Date Received	Date Reported	Analyst
Nov 01, 2000	Nov 04, 2000	Nov 06, 2000	LQ

Other Information
SAMPLED @ 19:20 hrs TIGHT HOLE

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	TRACE	TRACE	
He	0.0002	0.0002	
N2	0.0042	0.0042	
CO2	0.0017	0.0000	
H2S	0.0000	0.0000	
C1	0.8805	0.8820	
C2	0.0620	0.0621	
C3	0.0340	0.0341	124.9
IC4	0.0034	0.0034	14.8
NC4	0.0092	0.0092	38.7
IC5	0.0017	0.0017	8.3
NC5	0.0020	0.0020	9.7
C6	0.0010	0.0010	5.5
C7+	0.0001	0.0001	0.6
Total	1.0000	1.0000	202.5

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

Air Free As Received	Moisture & Acid Gas Free
42.90	42.97

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.648	0.647

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4591	207.9	4586	207.8

RELATIVE MOLECULAR MASS

Total Gas	C7+
18.8	100.2

VAPOUR PRESSURE (Pentanes +)

102.02 kPa

H₂S g/m³

0.00





Container Identification AGAT 470	Previous Number GE60651C	Laboratory Number GE60651B
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Operator Name PARAMOUNT RESOURCES LTD.
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Unique Well Identifier NOT APPLICABLE	Well Name PARA et al MOUNT COTY I-02	Elevation KB m 372.95 GRD m
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Field or Area MOUNT COTY	Pool or Zone MATTSON	Sampler's Company ALPINE
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Test Type DST	Test No. 1	Test Recovery 300/60 deg 20' LATITUDE 123 deg 30' LONGITUDE	Name of Sampler WEATHERFORD
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Test Interval or Perfs 1058.00-1068.00 mKB	Sampling Point BOTTOM HOLE SAMPLER	Separator	Reservoir	Source	Sampled	Received 1500 21
		Pressure (kPa)				
		Temperature (°C)				

Date Sampled Nov 01, 2000	Date Received Nov 04, 2000	Date Reported Nov 06, 2000	Analyst LQ
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Other Information BHS #36 TIGHT HOLE
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COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	TRACE	TRACE	
He	0.0002	0.0002	
N2	0.0032	0.0032	
CO2	0.0002	0.0000	
H2S	0.0000	0.0000	
C1	0.8820	0.8822	
C2	0.0634	0.0634	
C3	0.0337	0.0337	123.8
IC4	0.0033	0.0033	14.4
NC4	0.0092	0.0092	38.7
IC5	0.0016	0.0016	7.8
NC5	0.0019	0.0019	9.2
C6	0.0009	0.0009	4.9
C7+	0.0004	0.0004	2.5
Total	1.0000	1.0000	201.3

NOTE: The following are comparably different than the most recent sample: C3

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

Air Free As Received	Moisture & Acid Gas Free
43.02	43.03

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.647	0.647

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4588	207.9	4588	207.9

RELATIVE MOLECULAR MASS

Total Gas	C7+
18.7	100.2

VAPOUR PRESSURE (Pentanes +)

96.83 kPa

H₂S g/m³

0.00





Container Identification
AGAT 30856

Laboratory Number
GE60651C

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
NOT APPLICABLE	PARA et al MOUNT COTY I-02	KB m 372.95 GRD m

Field or Area	Pool or Zone	Sampler's Company
MOUNT COTY	MATTSON	ALPINE

Test Type	Test No.	Test Recovery	Name of Sampler
DST	1	300/60 deg 20' LATITUDE 123 deg 30' LONGITUDE	WEATHERFORD

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
1058.00-1068.00	BOTTOM HOLE SAMPLER	Pressure (kPa)				1400
mKB		Temperature (°C)				21

Date Sampled	Date Received	Date Reported	Analyst
Nov 01, 2000	Nov 04, 2000	Nov 06, 2000	LQ

Other Information
BHS #51 TIGHT HOLE

COMP	MOLE FRACTION		PETROLEUM LIQUID mL · m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	TRACE	TRACE	
He	0.0002	0.0002	
N2	0.0032	0.0032	
CO2	0.0001	0.0000	
H2S	0.0000	0.0000	
C1	0.8787	0.8788	
C2	0.0637	0.0637	
C3	0.0355	0.0355	130.4
IC4	0.0035	0.0035	15.3
NC4	0.0096	0.0096	40.4
IC5	0.0019	0.0019	9.3
NC5	0.0022	0.0022	10.6
C6	0.0009	0.0009	4.9
C7+	0.0005	0.0005	3.1
Total	1.0000	1.0000	214.0

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

Air Free As Received	Moisture & Acid Gas Free
43.28	43.28

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.651	0.651

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4586	208.6	4586	208.6

RELATIVE MOLECULAR MASS

Total Gas	C7+
18.9	103.0

VAPOUR PRESSURE (Pentanes +)

98.12 kPa

H₂S g/m³

0.00

