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ENTEST CORP.

ALL NAME / No. PARAMOUNT ET AL LIARD

TYPE TEST: 1ST AND 2ND INTERVAL

COMPANY REP: BERT BLAKELY

FIELD OR AREA: LIARD

ZONE: MATTSON SAND

METER RUN: 164.00 mm

GAS DENSITY: 0.623 Air = 1

UNIT NUMBER: 14

SUPERVISOR: R.LUTZ

[illegible]

ENTEST CORP.

CUSTOMER: PARAMOUNT RESOURCES LTD.

JL NAME / No. PARAMOUNT ET AL LIARD

TYPE TEST: 1ST AND 2ND INTERVAL

COMPANY REP: BERT BLAKELY

FIELD OR AREA: LIARD

ZONE: MATTSON SAND

METER RUN: 154.05 mm

GAS DENSITY: 0.623 Air = 1

UNIT NUMBER: 14

SUPERVISOR: R.LUTZ

[illegible]

ZONE: MATTSON SAND

SUPERVISOR: R.LUTZ

[illegible]

ENTESTcorp.

CUSTOMER: PARAMOUNT RESOURCES LTD.

J. NAME / No. PARAMOUNT ET AL LIARD

TYPE TEST: 1ST AND 2ND INTERVAL

COMPANY REP: BERT BLAKELY

FIELD OR AREA: LIARD

ZONE: MATTSON SAND

METER RUN: 154.05 mm

GAS DENSITY: 0.623 Air = 1

UNIT NUMBER: 14

SUPERVISOR: R.LUTZ

Date dd/mm/yy	Time hh:mm	Elp. flow Time Decimal	Choke size mm	Tubing Press. kPa	Casing Press. kPa	Flow Temp °C	Static Press. kPa	Diff. Press. kPa	Meter Temp °C	Orifice Size mm	Gas Rate 10³M³/day	Cum. Gas 10³M³	Fluid Volume M³ / hr	Calc. Inc. HC/hr M³	Cum HC M³	Calc. Inc. H₂O/hr M³	Cum H₂O M³	BS&W %	P.H.	SAL %
	11:30	2.50	19.05	N/A	7750	8	517	64.74	15	76.20	240.98	20.30	0.00							
	12:00	3.00	19.05	N/A	7200	9	607	66.73	18	76.20	261.67	26.03	0.00							
	12:30	3.50	19.05	N/A	7296	10	621	67.73	18	76.20	266.30	31.78	0.00							
			WELL PRESSURE ELECTRONICALLY DEADWEIGHTED.																	
	13:00	4.00	19.05	N/A	7446	10	586	64.24	19	76.20	252.46	37.14	3.22	2.80	2.80	0.42	0.42	13	7	2.2
	13:30	4.50	19.05	N/A	7227	11	634	69.72	14	76.20	274.53	43.00								
02/03/99	14:00	5.00	19.05	N/A	7200	12	607	65.74	12	76.20	262.69	48.55	0.88	0.77	3.58	0.11	0.52	12	7	2.8
			ZERO METER. INCREASE BACKPRESSURE.																	
	14:30	5.50	19.05	N/A	6858	13	841	60.26	17	76.20	291.13	54.73								
	15:00	6.00	19.05	N/A	6843	13	848	59.76	19	76.20	290.06	60.87	0.65	0.57	4.14	0.08	0.61	13	7	2.8
	15:30	6.50	19.05	N/A	6816	13	848	58.27	16	76.20	288.16	66.95								
	16:00	7.00	19.05	N/A	7653	13	772	54.28	15	76.20	266.93	72.55	0.70	0.62	4.76	0.08	0.69	12	7	2.6
	16:30	7.50	19.05	N/A	7788	14	772	54.78	15	76.20	268.10	78.16								
			H2S BY KITAGAWA= 0 PPM																	
	17:00	8.00	19.05	N/A	7473	14	814	57.77	14	76.20	282.49	84.09	0.67	0.64	5.39	0.03	0.73	5	7	2.4
	17:30	8.50	19.05	N/A	6996	13	841	58.76	14	76.20	289.24	90.16								
	18:00	9.00	19.05	N/A	6885	13	827	57.77	15	76.20	284.09	96.12	0.65	0.61	6.00	0.04	0.77	6	7	2.2
			SPIN-OUTS CONTAIN 3-5% SEDIMENT.																	
	18:30	9.50	19.05	N/A	6772	14	827	57.77	16	76.20	283.57	102.06								

ZONE: MATTSON SAND

SUPERVISOR: R.LUTZ

[illegible]

ZONE: MATTSON SAND

SUPERVISOR: R.LUTZ

[illegible]

ZONING: MATTSON SAND

SUPERVISOR: R.LUTZ

[illegible]

ENTEST CORP.

CORPORATION: PARAMOUNT RESOURCES LTD.

J. NAME / No. PARAMOUNT ET AL LIARD

TYPE TEST: 1ST AND 2ND INTERVAL

COMPANY REP: BERT BLAKELY

FIELD OR AREA: LIARD

ZONE: MATTSON SAND

NETTER RUN: 104.05 1000

GAS DENSITY: 0.623 Air = 1

UNIT NUMBER: 14

SUPERVISOR: R LUTZ

[illegible]

AGAT Laboratories**GAS ANALYSIS**

CONTAINER IDENTIFICATION

AGAT 194

LABORATORY NUMBER

GF36779A

OPERATOR NAME

PARAMOUNT RESOURCES LTD.

UNIQUE WELL IDENTIFIER

WELL NAME

ELEVATIONS

KB m

GRC m

PARAMOUNT et al LIARD F-36

470.30

464.80

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

COMPANY

LIARD

MATTSON SAND

ENTEST CORP.

TEST TYPE

NO

TEST RECOVERY

60 DEG. 05' 27" latitude 123 DEG. 22' 00" longitude

TEST INTERVAL OR PERFS

SAMPLING POINT

1786.0-2046.0

METER RUN

mKB

GAUGE PRESSURE kPa

TEMPERATURE °C

SEPARATOR

TREATER

RESERVOIR

SOURCE

SAMPLED

RECEIVED

793

793

880

22

22

21

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

99-03-03

99-03-15

99-04-01

PL NCO

2nd SET

COMP.	MOLE FRACTION		PETROLEUM LIQUID CONTENT mL - m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0004	0.0004	
H ₂	0.0001	0.0001	
N ₂	0.0082	0.0083	
CO ₂	0.0134	0.0000	
H ₂ S	0.0000	0.0000	
C ₁	0.9152	0.9275	
C ₂	0.0389	0.0395	
C ₃	0.0123	0.0125	45.3
IC ₄	0.0025	0.0025	10.9
NC ₄	0.0032	0.0033	13.7
IC ₅	0.0014	0.0014	6.9
NC ₅	0.0011	0.0012	5.5
C ₆	0.0014	0.0014	7.8
C ₇	0.0014	0.0014	8.6
C ₈	0.0005	0.0005	3.6
C ₉	0.0000	0.0000	0.0
C ₁₀₊	0.0000	0.0000	0.0
TOTAL	1.0000	1.0000	102.3

GROSS HEATING VALUE MJ/m³
15° C AND 101.325 kPaMOISTURE AND
ACID GAS FREE

40.62

AIR FREE
AS RECEIVED

40.08

VAPOUR PRESSURE
PENTANES PLUS

65.7 kPa

RELATIVE DENSITY

MOISTURE FREE AS SAMPLED

MEASURED

CALCULATED

0.623

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

0.611

PSEUDO CRITICAL PROPERTIES (CALCULATED)

AS SAMPLED

PFC (kPa)

4623 kPa

PFC

201.3 K

ACID GAS FREE

PFC (kPa)

4586 kPa

PFC

199.9 K

RELATIVE MOLECULAR MASS

TOTAL GAS

18.0

C₇₊

104.0

H₂S g/m³

0.00

REMARKS: