Box 22

N.E.B. COPY

Paramount Chevron et al Liard 2M-25
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Nahanni Formation

Clean Up Test (PRD)
August 29- September 05, 2004

Opsco

GENERAL INFORMATION

Client Information:

Company: PARAMOUNT RESOURCES LTD

Contact: DAVE BLOCK

Phone: 403-390-4660 Fax: e-mail:

Site Information:

Contact: RICK BALL

Phone: 780-849-9195 Fax: e-mail:

Well Information:

Name: PARAMOUNT CHEVRON et al LIARD 2M-25

Operator: PARAMOUNT RESOURCES LTD

Location-Downhole: 2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')

Location-Surface: 2M-25

Test Information:

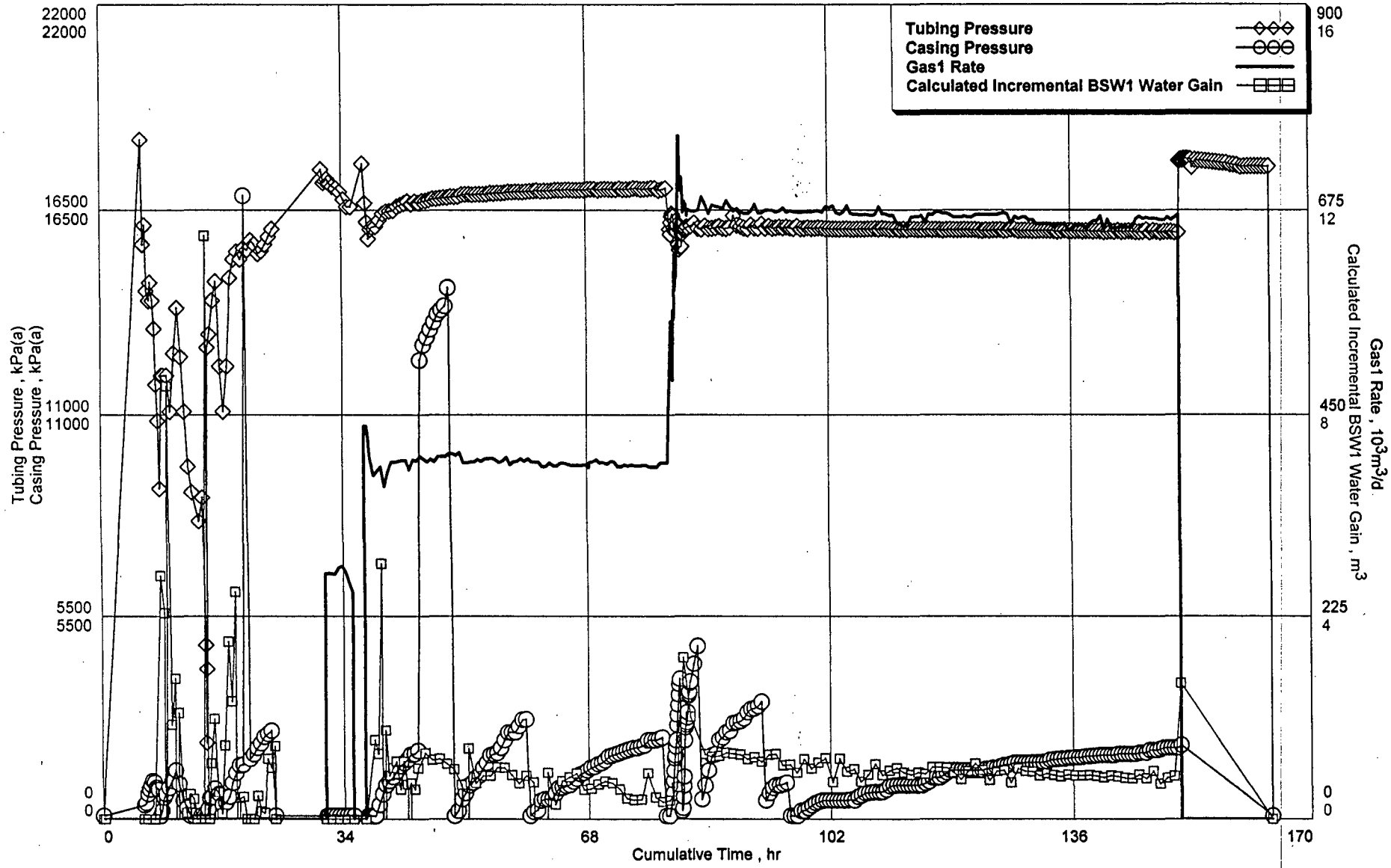
Company:	OPSCO ENERGY INDUSTRIES LTD		
Representative:	LAWRENCE BEWS		
Supervisor:	JIM OLSEN		
Test Type:	CLEAN UP TEST	Job Number:	
Test Unit:	41		
Start Date:	2004/08/29	Start Time:	15:30:00
End Date:	2004/09/05	End Time:	06:00:00
Report Date:		Prepared By:	
Remarks:		Qualified By:	

NAHANNI PERFORATED INTERVALS: 3880.70 - 4324.0 mKB

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

PARAMOUNT CHEVRON et al LIARD 2M-25



PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
1	2004/08/29	09:44:00	0.000	93	93	0	93	0.00	0	0.00	0.000	0.000	0.000	0	0.000	0.000		0	0
2		09:45:00	0.017	Have safety meeting															
3		10:00:00	0.267	Purge & pressure test surface equipment															
4		10:00:00	0.267	Recovered 10.44 m³ on purge															
5		13:10:00	3.433	Start in hole with coil															
6		15:30:00	5.767	18393	388		93	0.00	0		0.000	0.000	0.000		0.000	0.000			
7		15:30:00	5.767	Open well to flow on a 9.53mm(24/64) choke															
8		15:45:00	6.017	15593	443	-2						2.511							
9		16:00:00	6.267	16093	693	-2						4.657	0.000		0.000	0.000	0.000		
10		16:05:00	6.350	Increase to 12.70mm(32/64) choke															
11		16:15:00	6.517	14343	813	1						6.931							
12		16:30:00	6.767	14093	933	3						9.586							
13		16:45:00	7.017	14568	1053	5						11.991							
14		17:00:00	7.267	14093	1013	6						14.255	0.000		0.000	0.000	0.000		
15		17:15:00	7.517	13343	873	10						16.548							
16		17:20:00	7.600	Fluid to surface, drilling mud, unable to get ph & salinity															
17		17:30:00	7.767	11843	811	16						18.544							
18		17:45:00	8.017	10843	93	16						20.167							
19		18:00:00	8.267	8993	233	16						22.020	4.800	100	4.800	4.800	0.564		
20		18:15:00	8.517	12093	593	18						24.259							
21		18:30:00	8.767	12093	693	18						26.674	8.870	100	4.070	8.870	0.820		
22		18:30:00	8.767	shipped 4.68 m³ to stock tank															
23		18:35:00	8.850										4.190		-4.680	8.870			
24		19:00:00	9.267	12093	863	18						31.940	12.770	100	8.580	17.450	1.541		
25		19:00:00	9.267	H2S by gastec = 0.3%, CO^2 by gastec = 16%															
26		19:30:00	9.767	11093	1053	18						38.114	14.650	100	1.880	19.330	0.277		
27		20:00:00	10.267	12693	1343	18						44.344	17.430	100	2.780	22.110	0.489	80000	7
28		20:00:00	10.267	Shipped 11.45 m³ to stock tank #01															
29		20:10:00	10.433										5.980		-11.450	22.110			
30		20:15:00	10.517	Decreased to a 6.35mm(16/64) choke															
31		20:30:00	10.767	13893	963	13						47.858	8.090		2.110	24.220	1.568		
32		21:00:00	11.267	12593	513	12						49.833	8.560		0.470	24.690	0.180		
33		21:30:00	11.767	11093	323	11						52.312	8.690		0.130	24.820	0.055		
34		21:30:00	11.767	Shipped 5.78 m³ to stock tank #01															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
35	2004/08/29	21:35:00	11.850										2.910		-5.780	24.820			
36		22:00:00	12.267	9593	93	10						54.570	3.410	100	0.500	25.320	0.231		
37		22:30:00	12.767	8893	93	10						56.115	3.810		0.400	25.720	0.431		
38		22:55:00	13.183	Shut in well to squeeze acid															
39		22:56:00	13.200				93	0.00	0		0.000	56.115	3.810		0.000	25.720	0.000		
40		23:30:00	13.767	8093	93														
41		23:59:59	14.266	8743	93														
42	2004/08/30	00:00:00	14.267				93	0.00	0		0.000	56.115	3.810		0.000	25.720	0.000		
43		00:15:00	14.517	Open well to flow on a 12.70mm(32/64) choke															
44		00:18:00	14.567	Increase to a 15.88mm(40/64) choke															
45		00:20:00	14.600	4743	93														
46		00:25:00	14.683	2093	93														
47		00:27:00	14.717	Increase to a 23.81mm(60/64) choke															
48		00:28:00	14.733	Fluid to surface															
49		00:30:00	14.767	4093	273	12						56.115	15.310		11.500	37.220			
50		00:30:00	14.767	Shipped 12.84 m^3 to stock tank #01															
51		00:44:00	15.000										2.470		-12.840	37.220			
52		00:45:00	15.017	12843	573	17						57.319	2.470		0.000	37.220	0.000		
53		00:50:00	15.100	Decreased to a 12.70mm(32/64) choke															
54		01:00:00	15.267	13193	603	17						58.912	3.580	100	1.110	38.330	0.560		3
55		01:30:00	15.767	14093	833	16						63.571	5.570		1.990	40.320	0.372		
56		02:00:00	16.267	14593	693	16						68.086	6.100	100	0.530	40.850	0.144		3
57		02:30:00	16.767	12343	393	11						72.277	6.210		0.110	40.960	0.023		
58		03:00:00	17.267	11093	453	11						75.917	7.670	100	1.460	42.420	0.567		3
59		03:30:00	17.767	12343	613	16						79.493	11.180		3.510	45.930	0.767		
60		04:00:00	18.267	14693	993	17						83.538	13.510	100	2.330	48.260	0.663		3
61		04:05:00	18.350	Decreased to a 10.31mm(26/64) choke															
62		04:30:00	18.767	15193	1263	17						87.186	17.990		4.480	52.740	1.185		
63		04:30:00	18.767	Shipped 11.79 m^3 to stock tank #02															
64		04:50:00	19.100										6.200		-11.790	52.740			
65		05:00:00	19.267	15393	1473	17						92.472	6.620	100	0.420	53.160	0.062		3
66		05:30:00	19.767	15193	1493	19						98.976	7.060		0.440	53.600	0.071		
67		05:59:59	20.266	15493	16893	19						105.142	7.060		0.000	53.600	0.000	130000	5
68		05:59:59	20.266	Water recovered in 13.5 hrs = 64.04 m^3															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
69	2004/08/30	05:59:59	20.266	Hrs flowed = 13.5															
70		05:59:59	20.266	Gas & N2 flowed in 13.5 hrs = 105.142 10^3m^3															
71		05:59:59	20.266	Water recovered in 13.5 hrs = 64.04 m^3															
72		05:59:59	20.266	Water recovered in 13.5 hrs = 64.04 m^3															
73		05:59:59	20.266	Gas & N2 flowed in 13.5 hrs = 105.142 10^3m^3															
74		06:00:00	20.267	Total Gas flowed to date =															
75		06:30:00	20.767	15443	1653	19						110.898	7.060		0.000	53.600	0.000		
76		07:00:00	21.267	15693	1773	19						116.395	7.060	100	0.000	53.600	0.000	130000	5
77		07:30:00	21.767	15593	1953	19						122.018	7.520		0.460	54.060	0.082		
78		08:00:00	22.267	15343	2073	20						127.648	7.670	100	0.150	54.210	0.027	94000	5
79		08:30:00	22.767	15418	2253	20						133.331	7.790		0.120	54.330	0.021		
80		09:00:00	23.267	15593	2333	24						138.930	8.990	100	1.200	55.530	0.220	104000	5
81		09:30:00	23.767	15793	2413	24						144.126	10.010		1.020	56.550	0.206		
82		09:30:00	23.767	Choke freezing, fix restriction															
83		10:00:00	24.267	15993	93	24	93	0.00	0	0.00	0.000	149.004	11.460	100	1.450	58.000	0.301	120000	5
84		10:01:00	24.283	Shut in well, rig out coil, rig in wireline to run recorders															
85		10:02:00	24.300				93	0.00	0		0.000	149.004	11.460		0.000	58.000	0.000		
86		16:55:00	31.183	17593								149.004	8.870		-2.590	58.000			
87		17:00:00	31.267	Open well on a 10.32mm(26/64) choke through high stage seperater															
88		17:08:00	31.400	Washed choke, shut in															
89		17:09:00	31.417				93	0.00	0		0.000	149.004	8.870		0.000	58.000			
90		17:12:00	31.467	Reopen on a 10.32mm(26/64) bean choke															
91		17:15:00	31.517	17243	93														
92		17:30:00	31.767	17293	93														
93		17:45:00	32.017	17343	93														
94		18:00:00	32.267	17243	93	20	5402	16.19	-24	63.50	272.550	158.657	8.870		0.000	58.000	0.000		
95		18:30:00	32.767	17143	93	20	5264	16.68	-24		272.060	164.330							
96		19:00:00	33.267	17093	93	21	5471	16.68	-24	63.50	278.940	170.069	8.870		0.000	58.000	0.000		
97		19:30:00	33.767	16993	93	21	5471	16.93	-24		281.025	175.902							
98		20:00:00	34.267	16793	93	22	5402	16.43	-24	63.50	274.565	181.690	8.870		0.000	58.000	0.000		
99		20:30:00	34.767	16593	93	23	5402	15.19	-23		262.890	187.288							
100		20:50:00	35.100	Switch flow down pipeline															
101		21:00:00	35.267	16593	93	24	8643	9.21	0	63.50	251.731	192.649	8.870		0.000	58.000	0.000		
102		21:05:00	35.350	Increase to a 1905mm(48/64)choke															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
103	2004/08/30	21:20:00	35.600	Hydrate in valve blew off sample point, shut in well															
104		22:40:00	36.933	17746			93	0.00	0		0.000	192.649	8.870		0.000	58.000			
105		22:50:00	37.100	Open well to flow on a 13.49mm(34/64) bean choke															
106		23:00:00	37.267	16693	93	23	9470	23.90	-4	63.50	437.844	198.730							
107		23:15:00	37.517	16188	93	24	9470	22.66	-2		422.381	203.210							
108		23:30:00	37.767	15743	93	24	9367	21.17	0		401.778	207.503							
109		23:35:00	37.850	Fluid to surface															
110		23:45:00	38.017	15996	93	25													
111		23:59:59	38.266	16053	93	25	9401	20.42	8	63.50	382.652	215.670	10.440	100	1.570	59.570	0.074		
112	2004/08/31	00:30:00	38.767	16068	393	28	9332	20.92	7		387.061	223.692	11.740		1.300	60.870	0.161		
113		01:00:00	39.267	16228	683	29	9401	21.41	8	63.50	391.825	231.805	16.780	100	5.040	65.910	0.617		
114		01:00:00	39.267	Shipped 7.79 m^3 to stock tank #01															
115		01:15:00	39.517										8.990		-7.790	65.910			
116		01:30:00	39.767	16408	933	30	9401	19.42	10		370.308	239.744	10.750		1.760	67.670	0.228		
117		02:00:00	40.267	16463	1053	32	9470	21.41	13	63.50	386.246	247.625	11.620	100	0.870	68.540	0.108		5
118		02:30:00	40.767	16476	1153	33	9470	22.66	13		397.370	255.788	12.640		1.020	69.560	0.123		
119		03:00:00	41.267	16497	1313	34	9436	22.91	14	63.50	397.249	264.065	13.790	100	1.150	70.710	0.139		5
120		03:30:00	41.767	16603	1453	35	9505	23.16	16		398.333	272.352	14.380		0.590	71.300	0.071		
121		04:00:00	42.267	16651	1543	36	9505	23.41	17	63.50	399.085	280.659	15.530	100	1.150	72.450	0.138		5
122		04:30:00	42.767	16686	1633	38	9539	23.66	19		399.319	288.975	16.220		0.690	73.140	0.083		
123		04:30:00	42.767	Shipped 7.94 m^3 to stock tank # 01															
124		04:45:00	43.017										8.280		-7.940	73.140			
125		05:00:00	43.267	16743	1768	40	9539	23.90	29	63.50	388.703	297.184	8.990	100	0.710	73.850	0.088		5
126		05:30:00	43.767	16677	1788	39	9539	23.90	20		399.991	305.399	9.580		0.590	74.440	0.071		
127		05:59:59	44.266	16732	1873	40	9539	23.90	21	63.50	398.661	313.714	10.590	100	1.010	75.450	0.122		5
128		05:59:59	44.266	Cum oil recovered = 0															
129		05:59:59	44.266	Hrs flowed = 17															
130		05:59:59	44.266	Gas flowed to flare in 17 hrs = 89.807 10^3m^3															
131		05:59:59	44.266	Gas flowed to pipeline in 17 hrs = 141.502 10^3m^3															
132		05:59:59	44.266	No oil recovered in 17 hrs															
133		05:59:59	44.266	Water recovered in 17 hrs = 21.85 m^3															
134		05:59:59	44.266	Draw down = 5%															
135		05:59:59	44.266	***Job Summary***															
136		05:59:59	44.266	Cum hrs flowed = 30.5															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
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PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
137	2004/08/31	05:59:59	44.266	Cum gas flowed to flare = 194.949 10^3m^3															
138		05:59:59	44.266	Cum gas flowed to pipeline = 141.502 10^3m^3															
139		05:59:59	44.266	Cum oil recovered = 0															
140		05:59:59	44.266	Cum water recovered = 85.89															
141		05:59:59	44.266	Cum water recovered = 85.89															
142		05:59:59	44.266	Cum gas flowed to pipeline = 141.502 10^3m^3															
143		05:59:59	44.266	Cum oil recovered = 0															
144		05:59:59	44.266	Cum water recovered = 85.89															
145		05:59:59	44.266	Cum gas flowed to pipeline = 141.502 10^3m^3															
146		06:00:00	44.267	Total water last 24 hrs =			Total water to date												
147		06:15:00	44.517	Increase orifice plate size to 69.85 mm.															
148		06:30:00	44.767	16698	12504	42	9642	16.67	24	69.85	403.808	322.078							
149		07:00:00	45.267	16747	12917	41	9642	16.42	24	69.85	400.782	330.459	11.900	100	1.310	76.760	0.078	45000	5
150		07:30:00	45.767	16760	13124	41	9642	16.17	24		397.732	338.777							
151		08:00:00	46.267	16788	13331	42	9642	16.42	24	69.85	400.782	347.095	13.080	100	1.180	77.940	0.071	44000	5
152		08:30:00	46.767	16813	13538	42	9642	16.17	24		397.732	355.413							
153		09:00:00	47.267	16811	13745	44	9642	16.67	24	69.85	403.808	363.762	14.280	100	1.200	79.140	0.071	64000	5
154		09:30:00	47.767	16830	13848	44	9642	16.67	24		403.808	372.175							
155		10:00:00	48.267	16841	13951	45	9642	16.67	24	69.85	403.808	380.587	15.380	100	1.100	80.240	0.065	66000	5
156		10:30:00	48.767	16844	14434	46	9642	16.92	24		406.812	389.031							
157		10:45:00	49.017	Bleed casing to zero.															
158		11:00:00	49.267	16871	93	47	9642	16.92	24	69.85	406.812	397.506	16.370	100	0.990	81.230	0.058	69000	5
159		11:30:00	49.767	16865	231	47	9677	16.92	26		405.080	405.964							
160		12:00:00	50.267	16872	541	47	9677	17.17	26	69.85	408.049	414.434	17.050	100	0.680	81.910	0.040	70000	5
161		12:00:00	50.267	Shipped 10.29m^3 to stock tank # 01.															
162		12:15:00	50.517										6.760		-10.290	81.910			
163		12:30:00	50.767	16922	714	49	9677	16.42	28		396.601	422.816							
164		13:00:00	51.267	16928	920	49	9677	16.42	28	69.85	396.601	431.078	8.160	100	1.400	83.310	0.085	69000	5
165		13:30:00	51.767	16927	989	50	9677	16.67	30		397.165	439.346							
166		14:00:00	52.267	16918	1127	50	9677	16.67	30	69.85	397.165	447.621	8.870	100	0.710	84.020	0.043	64000	5
167		14:30:00	52.767	16928	1196	50	9677	16.92	30		400.120	455.926							
168		15:00:00	53.267	16931	1403	50	9711	16.67	30	69.85	397.983	464.239	9.730	100	0.860	84.880	0.052	64000	5
169		15:30:00	53.767	16927	1541	50	9711	16.92	30		400.944	472.561							
170		16:00:00	54.267	16935	1748	46	9711	16.92	30	69.85	400.944	480.914	10.590	100	0.860	85.740	0.051	58000	

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
171	2004/08/31	16:30:00	54.767	16964	1782	42	9746	16.92	30		401.765	489.276							
172		17:00:00	55.267	16954	1817	48	9711	16.92	31	69.85	399.740	497.625	11.620	100	1.030	86.770	0.062	54000	5
173		17:30:00	55.767	16968	1955	46	9711	16.67	31		396.788	505.922							
174		18:00:00	56.267	16959	2161	49	9711	16.92	32	69.85	398.552	514.207	12.640	100	1.020	87.790	0.061	51000	5
175		18:30:00	56.767	16973	2368	49	9711	17.17	31		402.670	522.553							
176		19:00:00	57.267	16994	2368	49	9711	16.67	33	69.85	394.441	530.856	13.512	100	0.872	88.662	0.053	57000	5
177		19:30:00	57.767	16988	2373	49	9725	16.92	33		397.705	539.108							
178		20:00:00	58.267	17003	2541	49	9746	16.92	33	69.85	398.189	547.398	14.220	100	0.708	89.370	0.043	55000	5
179		20:30:00	58.767	16993	2713	48	9746	17.17	33		401.107	555.724							
180		21:00:00	59.267	16996	2723	49	9746	16.92	33	69.85	398.197	564.050	15.077	100	0.857	90.227	0.052	56000	5
181		21:30:00	59.767	17008	93	51	9746	17.17	33		401.115	572.377							
182		22:00:00	60.267	17017	198	49	9711	16.92	33	69.85	397.376	580.694	15.803	100	0.726	90.953	0.044	54000	5
183		22:30:00	60.767	17018	243	50	9703	16.92	33		397.187	588.971							
184		22:30:00	60.767	Shipped 10.51 M^3 to stock tank.															
185		23:00:00	61.267	17032	503	52	9692	16.92	33	69.85	396.929	597.243	5.291	100	-10.512	90.953	0.044	53000	5
186	2004/08/31	23:30:00	61.767	17013	541	52	9656	16.67	34		392.015	605.461							
187	2004/09/01	00:00:00	62.267	17025	543	54	9677	16.67	34	69.85	392.503	613.633	6.214	100	0.923	91.876	0.028	51000	5
188		00:30:00	62.767	17023	556	55	9711	16.92	34		396.219	621.849							
189		01:00:00	63.267	17028	713	55	9708	16.67	34	69.85	393.224	630.072	6.500	100	0.286	92.162	0.017	50000	5
190		01:30:00	63.767	17044	851	55	9704	16.67	34		393.131	638.264							
191		02:00:00	64.267	17045	863	55	9704	16.92	34	69.85	396.055	646.484	7.256	100	0.756	92.918	0.046	47000	5
192		02:30:00	64.767	17043	906	56	9711	16.92	34		396.219	654.737							
193		03:00:00	65.267	17050	933	55	9704	16.92	35	69.85	394.914	662.978	8.088	100	0.832	93.750	0.051	44000	5
194		03:30:00	65.767	17053	1023	56	9697	16.92	36		393.626	671.192							
195		04:00:00	66.267	17048	1106	57	9697	16.92	36	69.85	393.626	679.393	8.994	100	0.906	94.656	0.055	435000	5
196		04:30:00	66.767	17049	1233	57	9697	16.92	36		393.626	687.593							
197		05:00:00	67.267	17047	1265	57	9697	16.92	36	69.85	393.626	695.794	9.575	100	0.581	95.237	0.035	43000	5
198		05:30:00	67.767	17048	1333	57	9732	16.92	36		394.436	704.003							
199		06:00:00	68.267	17061	1403	57	9713	16.67	36	69.85	391.087	712.185	10.180	100	0.605	95.842	0.037	42000	5
200		06:00:00	68.267	Total Gas flowed down pipeline in 105 hrs =															
201		06:00:00	68.267	Gas flowed down pipeline last 24 hrs = 442.383 10^3m^3															
202		06:00:00	68.267	Total Gas flowed down pipeline in 33 hrs = 583.885 10^3m^3															
203		06:00:00	68.267	Total Gas flowed to date = 778.834 10^3m^3															
204		06:00:00	68.267	Total water last 24 hrs = 20.392 m^3															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
205	2004/09/01	06:00:00	68.267	Total water to date = 106.282 m³															
206		06:00:00	68.267	Total oil to date = 0.0 m³															
207		06:00:00	68.267	Total hrs flowed = 54.5															
208		06:00:00	68.267	H_2S by Gastec 0.4 % CO_2 by Gastech 17%															
209		06:00:00	68.267	Total hrs flowed = 126.5 H_2s by Gastec = Co_2 =															
210		06:00:00	68.267	Total oil to date = 0.0 m³															
211		06:00:00	68.267	Total hrs flowed = 54.5															
212		06:00:00	68.267	H_2S by Gastec 0.4 % CO_2 by Gastech 17%															
213		06:01:00	68.283	17070	1418	57	9713	17.17	36	69.85	396.884	712.459							
214		06:30:00	68.767	17070	1437	57	9746	17.17	36		397.644	720.459							
215		07:00:00	69.267	17073	1506	58	9746	17.17	34	69.85	399.938	728.767	10.870	100	0.690	96.532	0.041	38000	5
216		07:30:00	69.767	17045	1541	56	9759	16.92	35		396.202	737.061							
217		08:00:00	70.267	17066	1610	58	9711	17.17	36	69.85	396.842	745.321	11.620	100	0.750	97.282	0.045	33000	5
218		08:30:00	70.767	17073	1713	56	9746	16.92	36		394.751	753.567							
219		08:40:00	70.933	Increased orifice plate size to 76.20 mm.															
220		09:00:00	71.267	17066	1748	57	9746	11.94	36	76.20	397.545	761.820	12.330	100	0.710	97.992	0.043	32000	5
221		09:07:00	71.383	Divert fluid production down pipeline.															
222		09:30:00	71.767	17058	1782	58	9746	11.94	36		397.545	770.102							
223		10:00:00	72.267	17061	1817	62	9746	11.70	37	76.20	392.269	778.330	12.920	100	0.590	98.582	0.036	30000	5
224		10:30:00	72.767	17084	1851	61	9746	11.70	37		392.269	786.502							
225		11:00:00	73.267	17061	1886	62	9780	11.70	36	76.20	394.173	794.694	13.330	100	0.410	98.992	0.025	30000	5
226		11:30:00	73.767	17067	1920	62	9780	11.70	37		393.057	802.894							
227		12:00:00	74.267	17069	1955	62	9780	11.70	36	76.20	394.173	811.095	13.710	100	0.380	99.372	0.023	26000	5
228		12:30:00	74.767	17089	1955	62	9780	11.70	37		393.057	819.295							
229		13:00:00	75.267	17088	1989	59	9780	11.70	37	76.20	393.057	827.484	14.100	100	0.390	99.762	0.024	29000	5
230		13:30:00	75.767	17069	2024	62	9849	11.70	38		393.520	835.677							
231		14:00:00	76.267	17074	2161	60	9849	11.70	38	76.20	393.520	843.875	15.010	100	0.910	100.672	0.055	29000	5
232		14:30:00	76.767	17079	2161	59	9780	11.70	38		391.954	852.057							
233		15:00:00	77.267	17097	2161	60	9953	11.45	38	76.20	391.627	860.220	15.440	100	0.430	101.102	0.026	26000	5
234		15:30:00	77.767	17089	2196	60	9780	11.70	38		391.954	868.382							
235		16:00:00	78.267	17040	2230	58	9780	11.94	38	76.20	396.103	876.591	15.780	100	0.340	101.442	0.021	26000	5
236		16:05:00	78.350	Bleed casing to zero.															
237		16:30:00	78.767	17069	93	60	9780	11.94	38		396.103	884.843							
238		17:00:00	79.267	17090	93	60	9780	11.94	38	76.20	396.103	893.095	16.150	100	0.370	101.812	0.022	26000	

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
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PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
239	2004/09/01	17:15:00	79.517	Increase orifice plate size to 101.60 mm.															
240		17:20:00	79.600	Increase choke size to 15.88 mm. 40/64															
241		17:25:00	79.683	Increase choke size to 16.67 mm. 42/64															
242		17:30:00	79.767	15993	714	61	9263	7.22	40	101.60	554.373	902.996							
243		17:30:00	79.767	NOTE: Gas gravity adjustment made.															
244		17:30:00	79.767	NOTE: Gas gravity adjustment made.															
245		17:35:00	79.850	15863	1058	61	9470	6.97	42		548.628	904.911							
246		17:40:00	79.933	16180	1334	61	9470	6.97	42		548.628	906.816							
247		17:45:00	80.017	16333	1679	62	9194	5.72	42		489.030	908.617							
248		17:50:00	80.100	16413	1748	62	9470	7.47	43		566.383	910.450							
249		17:55:00	80.183	16393	1989	62	9470	7.22	43		556.864	912.400							
250		18:00:00	80.267	16334	2161	63	9608	7.47	43	101.60	571.004	914.358	16.780	100	0.630	102.442	0.026		
251		18:01:00	80.283	Increase choke size to 17.46 mm. 44/64															
252		18:05:00	80.350	16048	2575	63	10780	7.96	44		627.402	916.439							
253		18:10:00	80.433	15973	2851	62	10573	7.22	46		587.651	918.548							
254		18:15:00	80.517	15980	3127	63	10849	7.47	46		606.338	920.621							
255		18:20:00	80.600	16210	3402	63	11125	7.22	48		601.300	922.718							
256		18:25:00	80.683	16094	3678	64	11194	7.71	48		623.827	924.844							
257		18:30:00	80.767	16115	3816	64	10987	8.21	48		636.992	927.033							
258		18:35:00	80.850	Bleed CSG to 0															
259		18:40:00	80.933	Increase choke to 18.25 mm.															
260		18:45:00	81.017	15600	231	65	11953	10.20	42		756.612	934.292							
261		18:50:00	81.100	15459	300	66	11953	10.20	42		756.612	936.919							
262		18:55:00	81.183	15519	610	66	11814	9.21	44		710.018	939.465							
263		19:00:00	81.267	15526	920	66	11863	8.96	44	101.60	701.968	941.916	19.980	100	3.200	105.642	0.109		
264		19:05:00	81.350	15528	1162	67	11926	8.96	48		696.228	944.344							
265		19:10:00	81.433	15547	2161	67	12400	9.21	53		711.410	946.788							
266		19:15:00	81.517	15864	2506	67	12228	9.21	55		702.329	949.242							
267		19:20:00	81.600	15882	2575	66	11952	8.71	56		672.901	951.630							
268		19:25:00	81.683	15983	2644	67	11745	8.96	57		674.271	953.969							
269		19:30:00	81.767	15990	2775	67	11780	9.21	57		684.678	956.328							
270		19:35:00	81.850	15998	2920	67	11793	9.21	57		685.089	958.706							
271		19:40:00	81.933	16025	3368	67	11690	9.21	57		681.830	961.079							
272		19:45:00	82.017	16044	3409	66	11690	9.21	57		681.830	963.446							

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30', 123 Deg. 30')
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REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
273	2004/09/01	19:45:00	82.017	Change choke to bean choke 19.05 mm.															
274		19:50:00	82.100	15998	3471	66	11524	9.21	58		674.833	965.802							
275		19:55:00	82.183	16049	3713	68	11524	8.96	56		668.999	968.135							
276		20:00:00	82.267	16054	3747	69	11518	9.21	57	101.60	676.328	970.470	22.010	100	2.030	107.672	0.072		
277		20:30:00	82.767	16078	4230	70	11504	9.21	58		674.194	984.538							
278		21:00:00	83.267	16162	4712	72	11548	9.21	59		673.928	998.581							
279		21:25:00	83.683	Drop Backpressure on vessel. Bleed down CSG .															
280		21:30:00	83.767	16021	541	73	10835	9.95	60		675.151	1012.634							
281		22:00:00	84.267	15996	920	72	10780	10.45	60		689.909	1026.854	23.300	100	1.290	108.962	0.022		
282		22:30:00	84.767	16078	1334	73	10814	10.20	61		681.187	1041.136							
283		23:00:00	85.267	16006	1748	74	10821	9.95	62		671.471	1055.226	24.540	100	1.240	110.202	0.044		
284	2004/09/01	23:30:00	85.767	16015	1782	73	10842	10.20	62		680.530	1069.309							
285		23:59:00	86.250	16035	2161	73	10800	10.20	62	101.60	679.096	1083.000	25.800	100	1.260	111.462	0.045		
286	2004/09/02	00:30:00	86.767	16068	2230	74	10828	10.20	63		678.454	1097.613							
287		01:00:00	87.267	16023	2368	76	10828	10.20	64	101.60	676.872	1111.731	27.120	100	1.320	112.782	0.046		
288		01:30:00	87.767	16015	2410	77	10794	10.45	63		685.508	1125.922							
289		02:00:00	88.267	16047	2616	74	10794	10.33	64	101.60	679.827	1140.144	28.420	100	1.300	114.082	0.046		
290		02:30:00	88.767	16353	2644	73	10787	10.20	65		673.921	1154.246							
291		03:00:00	89.267	16098	2679	74	10780	10.20	63	101.60	676.821	1168.316	29.700	100	1.280	115.362	0.045		
292		03:30:00	89.767	16074	2747	75	10766	10.20	65		673.211	1182.379							
293		04:00:00	90.267	16026	2920	76	10763	10.20	66	101.60	671.566	1196.387	30.890	100	1.190	116.552	0.043		
294		04:30:00	90.767	16009	3003	76	10761	10.20	66		671.499	1210.377							
295		05:00:00	91.267	16105	3023	75	10746	10.20	64	101.60	674.090	1224.394	32.120	100	1.230	117.782	0.044		
296		05:30:00	91.767	16026	3078	75	10773	10.45	65		681.611	1238.516							
297	2004/09/02	06:00:00	92.267	16024	3196	77	10773	10.20	66	101.60	671.903	1252.615	33.260	100	1.140	118.922	0.041	20000	5
298		06:00:00	92.267	Total hrs flowed = 78.5															
299		06:00:00	92.267	Gas flowed down pipeline last 24 hrs = 577.027 10^3m^3															
300		06:00:00	92.267	Total Gas flowed down pipeline in 57 hrs = 1160.912 10^3m^3															
301		06:00:00	92.267	Total Gas flowed to date = 1349.501 10^3m^3															
302		06:00:00	92.267	Total water last 24 hrs = 23 .080 m^3															
303		06:00:00	92.267	Total water to date = 129.36 m^3															
304		06:00:00	92.267	Total oil / cond to date = 0.0 m^3															
305		06:00:00	92.267	Total hrs flowed = 78.5															
306		06:00:00	92.267	H_2S By Gastec 0.4 % Co_2 by Gastec 17.0 %															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
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REPORT

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Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
307	2004/09/02	06:00:00	92.267	H_2S By Gastec 0.4 %			Co_2 by Gastec 17.0 %												
308		06:00:00	92.267	Total oil / cond to date = 0.0 m^3															
309		06:00:00	92.267	Total hrs flowed = 78.5															
310		06:00:00	92.267	H_2S By Gastec 0.4 %			Co_2 by Gastec 17.0 %												
311		06:01:00	92.283							101.60									
312		06:30:00	92.767	16132	507	78	10780	10.20	66		672.139	1266.615							
313		07:00:00	93.267	16020	714	76	10780	10.20	64	101.60	675.240	1280.650	34.540	100	1.280	120.202	0.045	20000	5
314		07:30:00	93.767	16073	851	77	10814	10.20	65		674.845	1294.714							
315		08:00:00	94.267	16019	920	77	10814	10.20	65	101.60	674.845	1308.773	35.830	100	1.290	121.492	0.046	20000	5
316		08:30:00	94.767	16032	920	78	10849	10.20	67		672.916	1322.812							
317		09:00:00	95.267	16057	955	80	10849	10.20	66	101.60	674.455	1336.847	36.900	100	1.070	122.562	0.038	18000	5
318		09:30:00	95.767	16033	989	80	10849	10.20	64		677.577	1350.931							
319		09:40:00	95.933	Bleed casing to zero.															
320		10:00:00	96.267	16053	93	80	10849	10.20	67	101.60	672.916	1364.999	37.980	100	1.080	123.642	0.039	13000	5
321		10:30:00	96.767	16027	93	80	10849	10.20	66		674.455	1379.034							
322		11:00:00	97.267	16017	93	80	10814	10.20	66	101.60	673.295	1393.073	38.900	100	0.920	124.562	0.033	12000	5
323		11:30:00	97.767	16075	231	81	10849	10.20	67		672.916	1407.096							
324		12:00:00	98.267	16006	231	81	10849	10.20	67	101.60	672.916	1421.115	40.090	100	1.190	125.752	0.042	12000	5
325		12:30:00	98.767	16017	300	82	10814	10.20	66		673.295	1435.138							
326		13:00:00	99.267	16037	369	82	10814	10.20	66	101.60	673.295	1449.165	41.090	100	1.000	126.752	0.036	13000	5
327		13:30:00	99.767	16018	438	78	10814	10.20	66		673.295	1463.192							
328		14:00:00	100.267	16019	472	80	10849	10.20	66	101.60	674.455	1477.231	42.210	100	1.120	127.872	0.040	12000	5
329		14:30:00	100.767	16032	507	80	10849	10.20	66		674.455	1491.282							
330		15:00:00	101.267	16026	507	80	10849	10.20	67	101.60	672.916	1505.317	43.420	100	1.210	129.082	0.043	12000	5
331		15:30:00	101.767	16008	507	77	10745	10.45	66		679.106	1519.401							
332		16:00:00	102.267	16007	507	78	10711	10.45	66	101.60	677.929	1533.537	44.150	100	0.730	129.812	0.026	12000	5
333		16:30:00	102.767	16002	507	78	10814	10.45	67		679.904	1547.681							
334		17:00:00	103.267	16002	507	78	10780	10.20	66	101.60	672.135	1561.764	45.350	100	1.200	131.012	0.043	12000	5
335		17:30:00	103.767	15994	507	78	10780	10.20	67		670.604	1575.751							
336		18:00:00	104.267	16003	513	78	10814	10.20	66	101.60	673.295	1589.750	46.290	100	0.940	131.952	0.034	17000	5
337		18:30:00	104.767	16009	527	78	10821	10.45	67		680.138	1603.848							
338		19:00:00	105.267	15995	507	78	10814	10.20	67	101.60	671.761	1617.931	47.280	100	0.990	132.942	0.035	14000	5
339		19:30:00	105.767	15997	608	78	10828	10.20	68		670.697	1631.915							
340		20:00:00	106.267	16000	651	78	10828	10.20	68	101.60	670.697	1645.887	48.020	100	0.740	133.682	0.026	12000	

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	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
341	2004/09/02	20:30:00	106.767	16005	713	78	10803	10.20	68		669.862	1659.852							
342		21:00:00	107.267	16000	721	78	10823	10.20	68	101.60	670.530	1673.814	48.900	100	0.880	134.562	0.031	12000	5
343		21:30:00	107.767	16006	728	78	10814	10.20	68		670.229	1687.780							
344		22:00:00	108.267	16008	738	78	10787	10.20	68	101.60	669.327	1701.734	49.990	100	1.090	135.652	0.039	11500	5
345		22:30:00	108.767	16018	738	78	10833	10.20	68		670.864	1715.694							
346		23:00:00	109.267	16001	743	78	10833	10.45	68	101.60	678.996	1729.755	50.860	100	0.870	136.522	0.031	11000	5
347		23:30:00	109.767	16020	800	78	10849	10.20	68		671.398	1743.822							
348	2004/09/02	23:59:00	110.250	16006	893	77	10838	10.20	68	101.60	671.031	1757.339	51.820	100	0.960	137.482	0.035	13000	5
349	2004/09/03	00:30:00	110.767	15994	913	76	10745	10.20	67		669.433	1771.768							
350		01:00:00	111.267	15995	919	77	10748	10.20	67	101.60	669.534	1785.716	52.830	100	1.010	138.492	0.036	13500	5
351		01:30:00	111.767	16008	919	75	10744	9.95	67		661.185	1799.577							
352		02:00:00	112.267	15986	919	75	10738	9.95	68	101.60	659.493	1813.334	53.750	100	0.920	139.412	0.033	15000	5
353		02:30:00	112.767	15998	923	76	10676	9.95	68		657.436	1827.052							
354		03:00:00	113.267	15985	923	75	10669	9.95	68	101.60	657.203	1840.747	54.630	100	0.880	140.292	0.032	14500	5
355		03:30:00	113.767	16006	923	75	10725	10.20	68		667.251	1854.543							
356		04:00:00	114.267	16002	923	75	10751	10.20	68	101.60	668.122	1868.453	55.550	100	0.920	141.212	0.033	10000	5
357		04:30:00	114.767	15989	923	75	10758	10.20	68		668.356	1882.375							
358		05:00:00	115.267	15984	973	77	10780	10.20	68	101.60	669.092	1896.306	56.440	100	0.890	142.102	0.032	11000	5
359		05:30:00	115.767	15982	1023	77	10808	9.95	68		661.807	1910.170							
360		06:00:00	116.267	15995	1128	78	10835	10.20	68	101.60	670.931	1924.053	57.470	100	1.030	143.132	0.037	12000	5
361		06:00:00	116.267	Total water to date = 153.57 M^3															
362		06:00:00	116.267	Total Gas flowed down pipeline in 81 hrs = 1869.62 10^3m^3															
363		06:01:00	116.283	Total Gas flowed to date = 2058.209 10^3m^3															
364		06:02:00	116.300	Total water last 24 hrs = 24.210 M^3															
365		06:05:00	116.350	Total water to date = 153.57 M^3															
366		06:10:00	116.433	Total hrs flowed = 102.5															
367		06:15:00	116.517	H_2S by Gastec 0.4 % - CO_2 - 17 %															
368		06:20:00	116.600	Total hrs flowed = 102.5															
369		06:21:00	116.617	H_2S by Gastec 0.4 % - CO_2 - 17 %															
370		06:25:00	116.683	H_2S by Gastec 0.4 % - CO_2 - 17 %															
371		06:26:00	116.700	Total water to date = 153.57 M^3															
372		06:30:00	116.767	15984	1127	78	10814	10.20	68		670.241	1938.023							
373		07:00:00	117.267	15991	1127	77	10814	10.20	66	101.60	673.295	1952.018	58.500	100	1.030	144.162	0.037	15000	5
374		07:30:00	117.767	15983	1196	78	10814	10.20	66		673.295	1966.045							

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	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
375	2004/09/03	08:00:00	118.267	15972	1265	77	10814	10.20	67	101.60	671.761	1980.056	59.520	100	1.020	145.182	0.036	13000	5
376		08:30:00	118.767	15985	1334	80	10814	10.20	67		671.761	1994.051							
377		09:00:00	119.267	15987	1334	80	10814	10.20	68	101.60	670.241	2008.031	60.440	100	0.920	146.102	0.033	12000	5
378		09:30:00	119.767	15982	1334	80	10780	10.20	69		667.583	2021.966							
379		10:00:00	120.267	15981	1334	80	10780	10.20	69	101.60	667.583	2035.874	61.230	100	0.790	146.892	0.028	12000	5
380		10:30:00	120.767	15980	1334	80	10780	10.20	69		667.583	2049.782							
381		11:00:00	121.267	15988	1334	82	10814	10.20	69	101.60	668.731	2063.702	62.180	100	0.950	147.842	0.034	14000	5
382		11:30:00	121.767	15980	1334	81	10780	10.20	69		667.583	2077.622							
383		12:00:00	122.267	15980	1334	81	10780	10.20	69	101.60	667.583	2091.530	63.280	100	1.100	148.942	0.040	14000	5
384		12:30:00	122.767	15985	1334	82	10814	10.20	68		670.241	2105.466							
385		13:00:00	123.267	15968	1334	82	10814	10.20	68	101.60	670.241	2119.429	64.250	100	0.970	149.912	0.035	10000	5
386		13:30:00	123.767	15955	1369	82	10814	10.20	68		670.241	2133.392							
387		14:00:00	124.267	15973	1369	82	10814	10.20	68	101.60	670.241	2147.356	65.020	100	0.770	150.682	0.028	14000	5
388		14:30:00	124.767	15965	1403	82	10814	10.20	68		670.241	2161.319							
389		15:00:00	125.267	15973	1403	80	10814	10.20	68	101.60	670.241	2175.282	65.970	100	0.950	151.632	0.034	10000	5
390		15:30:00	125.767	15978	1437	80	10814	10.20	68		670.241	2189.246							
391		16:00:00	126.267	15985	1472	80	10849	10.20	68	101.60	671.392	2203.221	66.940	100	0.970	152.602	0.035	11000	5
392		16:30:00	126.767	15964	1472	80	10676	10.45	69		672.176	2217.217							
393		17:00:00	127.267	15970	1506	78	10676	10.45	70	101.60	670.679	2231.205	67.660	100	0.720	153.322	0.026	12000	5
394		17:30:00	127.767	15999	1541	80	10849	9.95	70		660.178	2245.068							
395		18:00:00	128.267	15992	1541	80	10849	10.20	70	101.60	668.380	2258.907	68.660	100	1.000	154.322	0.036	15000	5
396		18:30:00	128.767	15959	1541	79	10728	10.20	69		665.768	2272.804							
397		19:00:00	129.267	15963	1541	78	10778	10.20	69	101.60	667.437	2286.692	69.610	100	0.950	155.272	0.034	14500	5
398		19:30:00	129.767	15965	1541	78	10778	10.21	69		667.764	2300.600							
399		20:00:00	130.267	15960	1548	78	10676	10.15	68	101.60	663.887	2314.472	70.550	100	0.940	156.212	0.034	16000	5
400		20:30:00	130.767	15959	1548	79	10676	10.18	68		664.867	2328.313							
401		21:00:00	131.267	15956	1548	79	10676	10.08	69	101.60	660.109	2342.115	71.410	100	0.860	157.072	0.031	15000	5
402		21:30:00	131.767	15961	1563	79	10676	10.08	69		660.109	2355.867							
403		22:00:00	132.267	15962	1573	80	10676	10.08	69	101.60	660.109	2369.619	72.310	100	0.900	157.972	0.033	16000	5
404		22:30:00	132.767	15963	1618	80	10676	10.08	69		660.109	2383.371							
405		23:00:00	133.267	15958	1633	82	10683	10.08	69	101.60	660.343	2397.126	73.180	100	0.870	158.842	0.032	10000	5
406		23:30:00	133.767	15955	1638	82	10683	9.96	69		656.400	2410.842							
407		23:59:00	134.250	15937	1648	79	10731	10.03	69	101.60	660.296	2424.101	74.020	100	0.840	159.682	0.031	9000	5
408	2004/09/04	00:30:00	134.767	15951	1653	79	10725	10.01	69		659.439	2438.306							

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	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
409	2004/09/04	01:00:00	135.267	15970	1673	80	10731	10.03	69	101.60	660.296	2452.053	74.900	100	0.880	160.562	0.031	9000	5
410		01:30:00	135.767	15947	1679	81	10642	9.98	70		654.237	2465.746							
411		02:00:00	136.267	15947	1686	81	10638	9.98	70	101.60	654.104	2479.375	75.760	100	0.860	161.422	0.032	8000	5
412		02:30:00	136.767	15948	1686	81	10642	10.08	70		657.506	2493.037							
413		03:00:00	137.267	15957	1699	80	10642	10.08	69	101.60	658.973	2506.751	76.620	100	0.860	162.282	0.031	8000	5
414		03:30:00	137.767	15946	1713	81	10642	10.08	69		658.973	2520.479							
415		04:00:00	138.267	15952	1713	80	10621	9.98	69	101.60	654.997	2534.167	77.490	100	0.870	163.152	0.032	9500	
416		04:30:00	138.767	15947	1727	80	10621	10.13	69		659.901	2547.863							
417		05:00:00	139.267	15936	1737	80	10621	10.28	70	101.60	663.300	2561.647	78.340	100	0.850	164.002	0.031	9000	5
418		05:30:00	139.767	15953	1747	80	10621	10.28	70		663.300	2575.466							
419	2004/09/04	06:00:00	140.267	15946	1747	80	10621	10.41	69	101.60	668.969	2589.343	79.160	100	0.820	164.822	0.029	9000	5
420		06:00:00	140.267	Total Gas flowed down pipeline last 24 hrs = 701.266 10^3m^3															
421		06:00:00	140.267	Total Gas flowed down pipeline in 105 hrs = 2570.886 10^3m^3															
422		06:00:00	140.267	Total Gas flowed to date = 2759.475 10^3m^3															
423		06:00:00	140.267	Total water last 24 hrs = 21.690 M^3 Total water to date = 175.26 m^3															
424		06:01:00	140.283	Total hrs flowed = 126.5 H_2s by Gastec = 0.4 % Co_2 = 15 %															
425		06:01:00	140.283							101.60									
426		06:30:00	140.767	15926	1748	79	10621	9.95	69		654.144	2603.126							
427		07:00:00	141.267	15937	1748	80	10621	10.20	67	101.60	665.254	2616.870	80.020	100	0.860	165.682	0.031	10000	5
428		07:30:00	141.767	15943	1748	76	10621	9.95	68		655.612	2630.629							
429		08:00:00	142.267	15932	1782	75	10642	9.95	69	101.60	654.831	2644.279	80.860	100	0.840	166.522	0.031	8000	5
430		08:30:00	142.767	15957	1782	78	10642	9.95	68		656.302	2657.937							
431		09:00:00	143.267	15933	1782	78	10642	9.95	68	101.60	656.302	2671.610	81.670	100	0.810	167.332	0.030	10000	5
432		09:30:00	143.767	15934	1782	79	10642	9.95	68		656.302	2685.283							
433		10:00:00	144.267	15949	1782	78	10642	9.95	68	101.60	656.302	2698.956	82.470	100	0.800	168.132	0.029	10000	5
434		10:30:00	144.767	15943	1782	78	10642	9.95	68		656.302	2712.628							
435		11:00:00	145.267	15923	1817	76	10676	10.20	68	101.60	665.619	2726.398	83.350	100	0.880	169.012	0.032	10000	5
436		11:30:00	145.767	15927	1817	70	10676	10.20	66		668.641	2740.297							
437		12:00:00	146.267	15938	1817	70	10642	10.20	67	101.60	665.955	2754.199	84.150	100	0.800	169.812	0.029	10000	5
438		12:30:00	146.767	15975	1886	71	10676	10.20	67		667.123	2768.085							
439		13:00:00	147.267	15916	1886	70	10642	10.20	67	101.60	665.955	2781.972	85.100	100	0.950	170.762	0.034	11000	5
440		13:30:00	147.767	15955	1886	70	10642	10.20	67		665.955	2795.846							
441		14:00:00	148.267	15935	1920	70	10642	10.20	67	101.60	665.955	2809.720	85.800	100	0.700	171.462	0.025	12000	5
442		14:30:00	148.767	15920	1955	72	10642	10.20	68		664.456	2823.578							

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	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
443	2004/09/04	15:00:00	149.267	15940	1955	72	10642	10.20	68	101.60	664.456	2837.421	86.610	100	0.810	172.272	0.029	12000	5
444		15:05:00	149.350	Samples Taken: 8 high pressure gas cylinders:															
445		15:05:00	149.350	Agat 00019202, 00021503, 00019030, 00040003, 000188879, 00012343, 00017152, 00019059															
446		15:05:00	149.350	Samples Taken: 6 stock water samples.															
447		15:30:00	149.767	15932	1955	74	10642	10.20	66		667.469	2851.295							
448		16:00:00	150.267	15929	1955	76	10642	10.20	68	101.60	664.456	2865.169	87.460	100	0.850	173.122	0.031	13000	5
449		16:30:00	150.767	15913	1955	76	10642	10.20	66		667.469	2879.044							
450		16:30:00	150.767	Drain separator down pipeline.															
451		17:00:00	151.267	15917	2024	76	10642	10.20	64	101.60	670.541	2892.981	90.150	100	2.690	175.812	0.096	12000	5
452		17:00:00	151.267	Shut in at wing valve. Record build ups. End of test.															
453		17:00:00	151.267				93	0.00	0		0.000	2892.981	90.150	0					
454		17:01:00	151.283	Total Gas flowed down pipeline in 92 hrs = 2189.828 10^3m^3															
455		17:02:00	151.300	Total Gas flowed to date = 3079.683 10^3m^3															
456		17:03:00	151.317	Total Gas last 11 hrs = 320.208 10^3m^3															
457		17:04:00	151.333	Total water last 24 hrs = 10.90 M^3															
458		17:05:00	151.350	Total water to date 186.250 m^3															
459		17:06:00	151.367	Total hrs flowed = 113.5 hrs															
460		17:07:00	151.383	H_2s by Gastec		CO_2													
461		17:10:00	151.433	17820															
462		17:20:00	151.600	17842															
463		17:30:00	151.767	17857															
464		17:40:00	151.933	17837															
465		17:50:00	152.100	17870															
466		18:00:00	152.267	17870															
467		18:10:00	152.433	17868															
468		18:20:00	152.600	17866															
469		18:30:00	152.767	17863															
470		18:40:00	152.933	17860															
471		18:50:00	153.100	17856															
472		19:00:00	153.267	17651															
473		19:30:00	153.767	17843															
474		20:00:00	154.267	17832															
475		20:30:00	154.767	17824															
476		21:00:00	155.267	17813															

PARAMOUNT RESOURCES LTD
2 M-25 Grid Section (60 Deg. 30' , 123 Deg. 30')
Start Test Date: 2004/08/29
Final Test Date: 2004/09/05

PARAMOUNT RESOURCES LTD
REPORT

PARAMOUNT CHEVRON et al LIARD 2M-25
Formation: NAHANNI

	Date	Clock Time	Cum Time	Tbg Pres	Csg Pres	WHT	Stat Pres	Diff Pres	MRT	Orifice	Gas Rate	Cum Gas	Fld Vol	BSW	Inc Wat	Cum Wat	WGR	Sal	pH
	yyyy/mm/d	hh:mm:s	hr	kPa(a)	kPa(a)	°C	kPa(a)	kPa	°C	mm	$10^3m^3/d$	10^3m^3	m^3	%	m^3	m^3	$m^3/10^3$	ppm	
477	2004/09/04	21:30:00	155.767	17802															
478		22:00:00	156.267	17791															
479		22:30:00	156.767	17784															
480		23:00:00	157.267	17773															
481		23:30:00	157.767	17764															
482		23:59:00	158.250	17760															
483	2004/09/05	00:30:00	158.767	17726															
484		01:00:00	159.267	17712															
485		01:30:00	159.767	17700															
486		02:00:00	160.267	17658															
487		02:30:00	160.767	17664															
488		03:00:00	161.267	17672															
489		03:30:00	161.767	17672															
490		04:00:00	162.267	17672															
491		04:30:00	162.767	17671															
492		05:00:00	163.267	17671															
493		05:30:00	163.767	17669															
494		06:00:00	164.267	17671															
495		06:00:00	164.267	93	93	0	93	0.00	0		0.000	2892.981	90.150	0	0.000	175.812		0	0
496		06:01:00	164.283	End of Buildups. End of file.															

AGAT® Laboratories

GAS ANALYSIS

Container Identification	Laboratory Number
AGAT 19202	04GG95272A

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation			
2-M-25	PARAMOUNT et al LIARD 2-M-25	KB m	919.00	GRD m	911.60

Field or Area	Pool or Zone	Sampler's Company
LIARD	NAHANNI	OPSCO

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point
3880.70 - 4324.00 mKB	METER RUN

	Separator	Reservoir	Source	Sampled	Received
Pressure (kPa)			10549	10549	10000
Temperature			68	68	21

Date Sampled	Date Received	Date Reported	Entered By	Certified By
Sep 04, 2004	Sep 09, 2004	Sep 22, 2004	NV	NV

Other Information
302M256030123301; H2S: FIELD = 4000 ppm, LAB = 0.11%

COMP	MOLE FRACTION		PETROLEUM LIQUID
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	mL / m³
H2	0.0001	0.0001	
He	0.0014	0.0018	
N2	0.0367	0.0464	
CO2	0.2053	0.0000	
H2S	0.0040	0.0000	
C1	0.7523	0.9514	
C2	0.0002	0.0003	
C3	TRACE	TRACE	0.0
IC4	TRACE	TRACE	0.0
NC4	TRACE	TRACE	0.0
IC5	TRACE	TRACE	0.0
NC5	TRACE	TRACE	0.0
C6	TRACE	TRACE	0.0
C7+	0.0000	0.0000	0.0
Total	1.0000	1.0000	0.0

Exceeds normal limits:
CO2

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

Air Free As Received	Moisture & Acid Gas Free
28.55	35.91

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.769	0.572

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
5141	212.0	4540	187.2

RELATIVE MOLECULAR MASS

Total Gas	C_7^+
22.3	0.0

VAPOUR PRESSURE (Pentanes +)

0.00 kPa

H_2S g/m³

5.75