

MISC 1
not rated

MISC 3
not rated

MISC 5
not rated

MISC 4
not rated

PARAMOUNT RESOURCES LTD.

PARA et al CAMERON

A-73

A-73

SULPHUR POINT

MAR 03-10, 2001

Well Test Data

Contact

GRANT HARTER
Well Testing Manager

Nisku: (780) 955-7525

GENERAL INFORMATION

Client Information:

Company: PARAMOUNT RESOURCES LTD.

Contact: PARAMOUNT RESOURCES LTD.

Phone: 403-997-2295 Fax: e-mail:

Site Information:

Contact: JOHN WRIGHT

Phone: 403-997-2295 Fax: e-mail:

Well Information:

Name: PARA et al CAMERON A-73

Operator: PARAMOUNT RESOURCES LTD.

Location-Downhole: A-73

Location-Surface: A-73

Test Information:

Company: SOLID PRODUCTION SERVICES LTD.

Representative: GRANT HARTER

Supervisor: ALLEN TOWNSEND

Test Type: SINGLE POINT TEST

Job Number: 066

Test Unit: HTU-05

Start Date: 2001/03/03

Start Time: 20:30:00

End Date: 2001/03/10

End Time: 10:01:00

Report Date: 2001/04/09

Prepared By: LAURA D. DOMINICK

Remarks:

Qualified By:

Location-A-73

WELL INFORMATION

Well Name : PARA et al CAMERON A-73

Well Operator : PARAMOUNT RESOURCES LTD.

Well Location : A-73

Location-Surface : A-73

Field : SWEDE

Well Type : Vertical

Pool : UNDEFINED

Formation : SULPHUR POINT

Perforation Type :			Producing Through : Tubing	Size	73.00 mm
Pool Datum	m	KB	Elevation Referenced From	679.60m	KB
Datum Depth	m	KB	Elevation Referenced To	675.60m	GL
			Offset	4.00m	

Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

From -	m	To -	m	Depth -	m	Pressure -	kPa
1.	1369.00	1370.50		1.	1369.75		
2.				2.			
3.				3.			
4.				4.			
5.				5.			
6.				6.			
7.				7.			
8.				8.			
9.				9.			
10.				10.			
11.				11.			
12.				12.			

Remarks :

PARAMOUNT RESOURCES LTD.
A-73
Start Date: 2001/03/03
Final Test Date: 2001/03/10

FieldNotes METER REPORT

PARA et al CAMERON A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

Gas Meter 1

Meter Type:	Orifice Meter
Meter Size:	102.30 mm
Previous Gas Production:	0.000 10 ³ m ³
Tap Type:	Flange
Tap Location:	Downstream
Gas Gravity (G):	0.634
CO ₂ :	4.57 %
H ₂ S:	1.26 %
N ₂ :	1.51 %
Critical Temperature (T _C):	201.20 K
Critical Pressure (P _C):	4632.80 kPa

Water Meter 1

Meter Type:	Produced Volume
Measurement type:	Incremental
Columns for Produced Volume:	
Previous Water Production:	0.000 m ³

Condensate Meter 1

Meter Type:	Measured Level
Measurement Type:	Cumulative
Columns for Measured Level:	
Previous Condensate Production:	0.000 m ³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
1	2001/03/02	21:00:00	0.00	Arrive on Location, Spot Equipment, Return to Camp.																
2	2001/03/02	21:00:00	0.00		0.00	0			0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
3	2001/03/03	08:00:00	11.00	Arrive on Location, Start to Rig in Equipment.																
4		12:00:00	15.00	Drive to Camp, Load Propane, Drive Back to Location.																
5		15:30:00	18.50	Rig in Propane With Vapourizer.																
6		17:30:00	20.50	Wire Line on Location to Pull Plug.																
7		19:00:00	22.00	Water Truck on Location, Fill Heater and Pre-Heat.																
8		19:30:00	22.50	Unable to Pull Plug, Wire Line Rigged Off.																
9		20:00:00	23.00	Pump Methanol Down Tubing Over Night, Record Pressure.																
10		20:00:00	23.00	Gas Sample Taken by GasTec 11,000 ppm.																
11		20:30:00	23.50			7190														
12		21:00:00	24.00			7120														
13		21:30:00	24.50			7150														
14		22:00:00	25.00			7120														
15		22:30:00	25.50			7160														
16		23:00:00	26.00			7205														
17		23:30:00	26.50			7205														
18	2001/03/04	00:00:00	27.00			7205														
19		00:30:00	27.50			7205														
20		01:00:00	28.00			7205														
21		01:30:00	28.50			7205														
22		02:00:00	29.00			7205														
23		02:30:00	29.50			7205														
24		03:00:00	30.00			7205														
25		03:30:00	30.50			7205														
26		04:00:00	31.00			7205														
27		04:30:00	31.50			7205														
28		05:00:00	32.00			7205														
29		05:30:00	32.50			7067														
30		06:00:00	33.00			6998														
31				0.22m ³ of Methanol Pumped Down Tubing Over Night.																

2001/03/02 21:00:00 To 2001/03/03 19:00:00

Gas	0.000	Cum.	0.000 10 ³ m ³
Water	0.000	Cum.	0.000 m ³
Condensate	0.000	Cum.	0.000 m ³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
32	2001/03/04	06:30:00	33.50			6998														
33		07:00:00	34.00			6998														
34				Rig in to 64m ³ Tank.																
35		07:30:00	34.50			6998														
36		08:00:00	35.00			6998														
37				Wire Line on Location to pull plug and set Recorders.																
38		11:55:00	38.92	Recorders set at 1368m																
39		12:00:00	39.00	Rig Flow Line into Tubing With E.S.D. Valve.																
40		13:00:00	40.00	Hold Safety Meeting, Discuss Objectives. H ₂ s = 11000ppm.																
41		13:30:00	40.50	Separator Purged With Propane.																
42		13:55:00	40.92	Pressure Test up to Choke. OK.																
43		14:00:00	41.00	Open Well to Flow Tubing Through a 7.93 mm Adjustable Choke.																
44		14:00:00	41.00		0.00				0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
45		14:00:00	41.00	7.93		7033		276												
46		14:05:00	41.08			5102		276												
47		14:10:00	41.17			4758		276												
48		14:12:00	41.20	Fluid to Surface, Plug in 64 m ³ Tank Missing, Shut in Well and Repair.																
49		14:15:00	41.25			8412		276						100	0.00	0.00	0.18	0.18		
50		14:15:00	41.25	Open Well on a 7.93mm Choke.																
51		14:20:00	41.33	7.93		7688		276												
52		14:25:00	41.42			7584		276												
53		14:30:00	41.50			7516		276						100	0.00	0.00	0.22	0.40		
54		14:40:00	41.67	Adjust Choke to 9.52mm																
55		14:45:00	41.75	9.52		7619		276												
56		14:45:00	41.75	Adjust Choke to 11.11mm																
57		15:00:00	42.00			6412		276												
58		15:00:00	42.00	Adjust Choke to 12.70mm																
59		15:25:00	42.42	Slug of Fluid at Surface, Dumps Unable to Keep up, Shut in Well to Clear Lines.																
60		15:30:00	42.50	Grind Out of Fluid = Water/Methanol/Emulsion Mix. Unable to Measure Salinity or PH.																
61		15:40:00	42.67			8550		276						100	0.00	0.00	0.68	1.22		
62		15:40:00	42.67	Re-Open on a 9.52mm Choke.																

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas	25.577	Cum.	25.577	10 ³ m ³
Water	1.260	Cum.	1.260	m ³
Condensate	0.000	Cum.	0.000	m ³

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PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity ppm
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		
63	2001/03/04	15:45:00	42.75	9.52		8033		276												
64		15:50:00	42.83	Adjust Choke to 11.11mm																
65		15:50:00	42.83			7171		276												
66		15:55:00	42.92	Adjust Choke to 12.70mm																
67		15:58:00	42.97	Meter in Service With a 60.33mm Orifice Plate.																
68		16:00:00	43.00	12.70	60.33	6619	9	276	1758	18.92	10	155.60	12.97	100	0.00	0.00	0.03	1.25		
69				Increase Heater Temp.																
70		16:30:00	43.50			6516	10	276	1724	18.42	16	150.22	16.15							
71				Pumping Methanol Across Choke.																
72		17:00:00	44.00			6619	10	276	1724	18.92	24	149.90	19.28		0.00	0.00	0.00	1.25		
73		17:30:00	44.50			6619	10	276	1724	19.17	25	150.60	22.41							
74		18:00:00	45.00			6619	10	276	1793	19.17	25	153.54	25.58	100	0.00	0.00	0.01	1.26		
75				Gas Samples Obtained From Meter Run. # 00018206 # 00017865																
76		18:30:00	45.50			6619	10	276	1793	19.17	25	153.54	28.78							
77		19:00:00	46.00			6619	10	276	1793	18.92	25	152.53	31.96	100	0.00	0.00	0.01	1.27		
78		19:30:00	46.50			6619	11	276	1793	18.92	25	152.53	35.14							
79		20:00:00	47.00	12.70	60.33	6619	12	276	1793	18.92	25	152.53	38.32	100	0.00	0.00	0.01	1.28		
80		20:30:00	47.50			6619	14	276	1793	18.92	25	152.53	41.50							
81		21:00:00	48.00			6619	14	276	1793	18.67	25	151.52	44.66		0.00	0.00	0.00	1.28		
82		21:30:00	48.50			6585	14	276	1793	18.67	26	151.23	47.82							
83		22:00:00	49.00			6585	14	276	1793	18.67	26	151.23	50.97	100	0.00	0.00	0.01	1.29	8	19556
84				Grind Out of Fluid = 100 % H ₂ O Salinity = 19,556 ppm. PH = 8																
85		22:30:00	49.50			6585	14	310	1793	18.67	27	150.94	54.12							
86		23:00:00	50.00			6619	16	310	1793	18.67	27	150.94	57.26	100	0.00	0.00	0.01	1.30	8	19556
87		23:30:00	50.50			6619	17	310	1793	18.67	27	150.94	60.41							
88	2001/03/05	00:00:00	51.00			6619	17	310	1793	18.67	27	150.94	63.55	100	0.00	0.00	0.01	1.31	8	19556
89				H ₂ s = 14000ppm.(Gastec)																
90		00:30:00	51.50			6619	17	310	1793	18.67	27	150.94	66.69							
91		01:00:00	52.00			6619	17	310	1793	18.67	27	150.94	69.84		0.00	0.00	0.00	1.31		
92		01:30:00	52.50			6619	17	310	1793	18.67	27	150.94	72.98							
93		02:00:00	53.00			6619	17	310	1793	18.67	27	150.94	76.13		0.00	0.00	0.00	1.31		

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas 25.577 Cum. 25.577 10³m³Water 1.260 Cum. 1.260 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
94	2001/03/05																			
Condensate at Surface. Grindout = 100 % Oil																				
95		02:30:00	53.50			6654	17	310	1793	18.92	28	151.67	79.28							
96		03:00:00	54.00			6654	18	310	1793	18.92	28	151.67	82.44	0	0.01	0.01	0.00	1.31		
97		03:30:00	54.50			6688	18	310	1793	18.92	28	151.67	85.60							
98		04:00:00	55.00			6688	18	310	1793	18.92	28	151.67	88.76	0	0.01	0.02	0.00	1.31		
99		04:30:00	55.50			6723	18	310	1793	18.92	28	151.67	91.92							
100		05:00:00	56.00			6723	18	310	1793	19.17	28	152.67	95.09	0	0.01	0.03	0.00	1.31		
101		05:30:00	56.50			6723	19	310	1793	19.17	29	152.38	98.27							
102		06:00:00	57.00	12.70	60.33	6723	19	310	1793	19.17	29	152.38	101.44	0	0.02	0.05	0.00	1.31		
103																				
Cum.Hrs on Test = 16																				
104																				
Gas Flared in Last 16 Hrs. = 101.44*10 ³ m ³ .																				
105																				
Water Produced = 1.31 m ³ Salinity = 19,556 ppm. PH = 8																				
106																				
Oil Produced = 0.050 m ³ A.P.I. = 51.1 @ 15.6° C																				
107																				
Choke Size = 12.70 mm																				
108																				
Orifice Plate = 60.33 mm																				
109		06:30:00	57.50	12.70	60.33	6723	19	310	1793	19.17	29	152.38	104.62							
110		07:00:00	58.00			6723	19	310	1793	19.17	28	152.67	107.80	0	0.01	0.06	0.00	1.31		
111		07:30:00	58.50			6723	19	310	1793	19.17	28	152.67	110.98							
112		08:00:00	59.00			6723	19	310	1793	19.17	27	152.96	114.16	0	0.00	0.06	0.00	1.31		
113		08:30:00	59.50			6723	19	310	1793	19.17	27	152.96	117.35							
114		09:00:00	60.00			6688	19	310	1793	19.17	25	153.54	120.54	0	0.01	0.07	0.00	1.31		
115		09:30:00	60.50			6688	19	310	1793	19.17	24	153.83	123.74							
116		10:00:00	61.00			6688	19	310	1793	19.17	24	153.83	126.95	0	0.00	0.07	0.00	1.31		
117		10:30:00	61.50			6688	19	310	1793	18.92	23	153.12	130.14							
118		11:00:00	62.00			6688	20	310	1793	18.92	23	153.12	133.33	0	0.01	0.08	0.00	1.31		
119		11:30:00	62.50			6654	20	310	1793	18.92	22	153.41	136.53							
120		12:00:00	63.00			6654	20	310	1793	18.92	22	153.41	139.72	0	0.00	0.08	0.00	1.31		
121		12:30:00	63.50			6654	20	310	1793	18.92	21	153.71	142.92							
122		13:00:00	64.00			6654	20	310	1793	18.92	21	153.71	146.12	0	0.01	0.09	0.00	1.31		
123		13:30:00	64.50			6654	20	310	1793	18.92	21	153.71	149.33							
124		14:00:00	65.00			6619	20	310	1793	18.92	21	153.71	152.53	0	0.01	0.10	0.00	1.31		

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³
 Water 0.050 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

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Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
125	2001/03/05	14:30:00	65.50			6619	20	310	1793	18.92	21	153.71	155.73							
126		15:00:00	66.00			6619	20	310	1793	18.92	21	153.71	158.93	0	0.01	0.11	0.00	1.31		
127		15:30:00	66.50			6654	20	310	1793	18.92	21	153.71	162.14							
128		16:00:00	67.00			6654	20	310	1793	18.92	21	153.71	165.34	0	0.01	0.12	0.00	1.31		
129				A.P.I. = 52.2 @ 15.6° C																
130		16:30:00	67.50			6654	20	310	1793	18.92	21	153.71	168.54							
131		17:00:00	68.00			6654	20	310	1793	18.92	21	153.71	171.74	0	0.01	0.13	0.00	1.31		
132		17:30:00	68.50			6619	20	310	1793	18.92	21	153.71	174.94							
133		18:00:00	69.00			6619	20	310	1793	18.92	21	153.71	178.15	0	0.01	0.14	0.00	1.31		
134		18:30:00	69.50			6619	20	310	1793	18.92	21	153.71	181.35							
135		19:00:00	70.00			6619	20	310	1793	18.92	21	153.71	184.55	0	0.01	0.15	0.00	1.31		
136		19:30:00	70.50			6619	20	414	1793	18.92	21	153.71	187.75							
137		20:00:00	71.00			6619	20	414	1793	18.92	21	153.71	190.96	0	0.01	0.16	0.00	1.31		
138		20:30:00	71.50			6619	20	414	1793	18.92	20	154.01	194.16							
139		21:00:00	72.00			6619	20	414	1793	18.92	20	154.01	197.37	0	0.01	0.17	0.00	1.31		
140		21:30:00	72.50			6619	20	414	1793	18.92	20	154.01	200.58							
141		22:00:00	73.00			6619	20	483	1793	18.92	20	154.01	203.79	0	0.01	0.17	0.00	1.31		
142		22:30:00	73.50			6619	21	483	1793	18.92	20	154.01	207.00							
143		23:00:00	74.00			6619	21	483	1793	18.92	20	154.01	210.20	0	0.01	0.18	0.00	1.31		
144		23:30:00	74.50			6619	21	483	1793	18.92	20	154.01	213.41							
145	2001/03/06	00:00:00	75.00			6619	21	552	1793	18.92	20	154.01	216.62	0	0.01	0.18	0.00	1.31		
146				H ₂ S = 12,000ppm . (Gastec) , API = 52.8 @ 15.6° C																
147		00:30:00	75.50			6619	21	552	1793	18.92	20	154.01	219.83							
148		01:00:00	76.00			6619	21	552	1793	18.92	19	154.31	223.04	0	0.01	0.19	0.00	1.31		
149		01:30:00	76.50			6619	21	552	1793	18.92	20	154.01	226.25							
150		02:00:00	77.00			6619	21	552	1793	18.92	21	153.71	229.46	0	0.01	0.19	0.00	1.31		
151		02:30:00	77.50			6619	21	552	1793	18.92	21	153.71	232.66							
152		03:00:00	78.00			6619	21	552	1793	18.92	21	153.71	235.86	0	0.01	0.20	0.00	1.31		
153		03:30:00	78.50			6619	21	552	1793	18.92	21	153.71	239.07							
154		04:00:00	79.00			6619	21	552	1793	18.92	21	153.71	242.27	0	0.01	0.20	0.00	1.31		
155		04:30:00	79.50			6619	21	552	1793	18.92	21	153.71	245.47							

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³Water 0.050 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
156	2001/03/06	05:00:00	80.00			6619	21	552	1793	18.92	21	153.71	248.67	0	0.01	0.21	0.00	1.31		
157		05:30:00	80.50			6619	21	552	1793	18.92	21	153.71	251.88							
158		06:00:00	81.00	12.70	60.33	6619	21	552	1793	18.92	21	153.71	255.08	0	0.01	0.21	0.00	1.31		
159				Cumm Hrs. On Test = 40Hrs.																
160				Total Gas Flared = 255.08*10 ³ m ³ .																
161				Gas Flared In Last 24Hrs. = 155.64*10 ³ m ³ .																
162				Total Fluid Produced = 1.525m ³																
163				Total Water Produced = 1.31m ³																
164				Water Produced In Last 24Hrs. = 0.00m ³																
165				Total Oil Produced = 0.210m ³																
166				Oil Produced In Last 24Hrs. = 0.160m ³ , API = 52.2 @ 15.6°C																
167				H ² S = 13000ppm.																
168	2001/03/06	06:30:00	81.50	12.70	60.33	6619	21	552	1793	18.67	22	152.39	258.27							
169		07:00:00	82.00			6619	21	552	1793	18.67	22	152.39	261.44	0	0.01	0.22	0.00	1.31		
170		07:30:00	82.50			6619	21	552	1793	18.67	22	152.39	264.62							
171		08:00:00	83.00			6619	21	552	1793	18.67	22	152.39	267.79	0	0.00	0.22	0.00	1.31		
172		08:30:00	83.50			6619	21	552	1793	18.67	22	152.39	270.97							
173		09:00:00	84.00			6619	21	552	1793	18.67	22	152.39	274.14	0	0.01	0.22	0.00	1.31		
174		09:30:00	84.50			6619	21	552	1793	18.67	22	152.39	277.32							
175		10:00:00	85.00			6619	21	552	1793	18.67	22	152.39	280.49	0	0.00	0.22	0.00	1.31		
176		10:30:00	85.50			6619	21	552	1793	18.67	22	152.39	283.67							
177		11:00:00	86.00			6619	21	552	1793	18.67	22	152.39	286.84	0	0.01	0.23	0.00	1.31		
178		11:30:00	86.50			6654	21	552	1793	18.67	22	152.39	290.02							
179		12:00:00	87.00			6654	21	552	1793	18.67	22	152.39	293.19	0	0.00	0.23	0.00	1.31		
180				A.P.I. = 51.9 @ 15.6° C H ² s = 13,000ppm.																
181		12:30:00	87.50			6654	21	552	1793	18.92	24	152.82	296.37							
182		13:00:00	88.00			6654	21	552	1793	18.92	24	152.82	299.55	0	0.01	0.23	0.00	1.31		
183		13:30:00	88.50			6654	21	552	1793	18.92	24	152.82	302.74							
184		14:00:00	89.00			6654	21	552	1793	18.92	24	152.82	305.92	0	0.00	0.23	0.00	1.31		
185		14:30:00	89.50			6619	21	586	1793	18.92	24	152.82	309.11							
186		15:00:00	90.00			6619	21	586	1793	18.67	24	151.81	312.28	0	0.01	0.23	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas 153.128 Cum. 331.275 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
187	2001/03/06	15:30:00	90.50			6619	21	586	1793	18.67	24	151.81	315.44							
188		16:00:00	91.00			6619	21	621	1793	18.67	24	151.81	318.60	0	0.00	0.23	0.00	1.31		
189		16:30:00	91.50			6619	21	621	1793	18.67	24	151.81	321.77							
190		17:00:00	92.00			6619	21	621	1758	19.17	24	152.35	324.94	0	0.01	0.24	0.00	1.31		
191		17:30:00	92.50			6619	21	621	1758	19.17	24	152.35	328.11							
192		18:00:00	93.00	12.70	60.33	6619	21	621	1758	18.92	23	151.64	331.28	0	0.00	0.24	0.00	1.31		
193		18:30:00	93.50	12.70	60.33	6619	21	621	1758	18.92	23	151.64	334.43							
194		19:00:00	94.00			6619	21	621	1758	18.92	23	151.64	337.59	0	0.00	0.24	0.00	1.31		
195		19:30:00	94.50			6619	21	517	1758	18.92	23	151.64	340.75							
196		20:00:00	95.00			6550	21	517	1758	18.92	23	151.64	343.91	0	0.00	0.25	0.00	1.31		
197		20:30:00	95.50			6550	21	517	1758	18.92	23	151.64	347.07							
198		21:00:00	96.00			6550	21	517	1758	18.92	22	151.93	350.23	0	0.00	0.25	0.00	1.31		
199		21:30:00	96.50			6550	21	517	1758	18.92	22	151.93	353.40							
200		22:00:00	97.00			6550	21	517	1758	18.92	22	151.93	356.56	0	0.00	0.25	0.00	1.31		
201		22:30:00	97.50			6550	21	517	1758	18.92	22	151.93	359.73							
202		23:00:00	98.00			6550	21	517	1758	18.92	22	151.93	362.89	0	0.00	0.26	0.00	1.31		
203		23:30:00	98.50			6550	21	517	1758	18.92	22	151.93	366.06							
204	2001/03/07	00:00:00	99.00			6550	21	517	1758	18.92	22	151.93	369.22	0	0.00	0.26	0.00	1.31		
205						H ² S = 10000ppm , API = 51.3 @ 15.6°C.														
206		00:30:00	99.50			6550	21	517	1758	18.92	22	151.93	372.39							
207		01:00:00	100.00			6585	21	517	1758	18.92	22	151.93	375.55	0	0.00	0.26	0.00	1.31		
208		01:30:00	100.50			6585	21	517	1758	18.92	22	151.93	378.72							
209		02:00:00	101.00			6585	21	517	1758	18.68	22	150.96	381.88	0	0.00	0.26	0.00	1.31		
210		02:30:00	101.50			6585	21	517	1758	18.68	22	150.96	385.02							
211		03:00:00	102.00			6585	21	517	1758	18.68	22	150.96	388.17	0	0.00	0.27	0.00	1.31		
212		03:30:00	102.50			6585	21	517	1758	18.68	22	150.96	391.31							
213		04:00:00	103.00			6585	21	517	1758	18.68	22	150.96	394.46	0	0.00	0.27	0.00	1.31		
214		04:30:00	103.50			6585	21	552	1758	18.68	22	150.96	397.60							
215		05:00:00	104.00			6585	21	552	1758	18.68	22	150.96	400.75	0	0.01	0.27	0.00	1.31		
216		05:30:00	104.50			6585	21	552	1758	18.68	22	150.96	403.89							
217		06:00:00	105.00			6585	21	552	1758	18.68	22	150.96	407.04	0	0.00	0.28	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas	153.128	Cum.	331.275	10 ³ m ³
Water	0.000	Cum.	1.310	m ³
Condensate	0.000	Cum.	0.000	m ³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
218	2001/03/07	06:30:00	105.50			6585	21	552	1758	18.92	22	151.93	410.19							
219		07:00:00	106.00			6585	21	552	1758	18.92	22	151.93	413.36	0	0.00	0.28	0.00	1.31		
220		07:30:00	106.50			6585	21	552	1758	18.92	22	151.93	416.52							
221		08:00:00	107.00			6585	21	552	1758	18.92	22	151.93	419.69	0	0.00	0.28	0.00	1.31		
222		08:30:00	107.50			6585	21	552	1758	18.92	22	151.93	422.85							
223		09:00:00	108.00			6585	21	552	1758	19.17	23	152.64	426.02	0	0.00	0.29	0.00	1.31		
224		09:30:00	108.50			6619	21	552	1758	19.17	23	152.64	429.20							
225		10:00:00	109.00			6619	21	586	1758	19.17	24	152.35	432.38	0	0.00	0.29	0.00	1.31		
226		10:30:00	109.50			6619	21	586	1758	19.17	24	152.35	435.55							
227		11:00:00	110.00			6619	21	621	1758	19.17	23	152.64	438.73	0	0.00	0.29	0.00	1.31		
228		11:30:00	110.50			6619	21	621	1758	19.17	23	152.64	441.91							
229		12:00:00	111.00			6619	21	621	1758	19.17	23	152.64	445.09	0	0.00	0.30	0.00	1.31		
230		12:30:00	111.50			6619	21	621	1758	18.92	22	151.93	448.26							
231		13:00:00	112.00			6619	21	621	1758	18.92	22	151.93	451.43	0	0.00	0.30	0.00	1.31		
232		13:30:00	112.50			6619	21	621	1758	18.92	22	151.93	454.59							
233		14:00:00	113.00			6619	21	621	1758	18.92	22	151.93	457.76	0	0.00	0.30	0.00	1.31		
234		14:30:00	113.50			6619	21	621	1758	18.92	22	151.93	460.93							
235		15:00:00	114.00			6619	21	621	1758	18.92	22	151.93	464.09	0	0.00	0.30	0.00	1.31		
236		15:30:00	114.50			6619	21	621	1758	19.17	22	152.93	467.27							
237		16:00:00	115.00			6585	21	621	1758	19.17	22	152.93	470.45	0	0.00	0.31	0.00	1.31		
238		16:30:00	115.50			6585	21	621	1758	19.17	22	152.93	473.64							
239		17:00:00	116.00			6585	21	621	1758	19.17	22	152.93	476.82	0	0.00	0.31	0.00	1.31		
240		17:30:00	116.50			6585	21	621	1758	19.17	22	152.93	480.01							
241		18:00:00	117.00	12.70	60.33	6585	21	621	1758	19.17	22	152.93	483.20	0	0.00	0.31	0.00	1.31		
242				Gas Flared in Last 24 Hrs. = 151.92*10 ³ m ³ .							Cum. Gas = 483.20*10 ³ m ³ .									
243				Water Produced in Last 24 Hrs. = 0.00 m ³							Cum. Water = 1.31 m ³									
244				Oil Produced in Last 24 Hrs. = 0.036 m ³							Cum. Oil = 0.313 m ³									
245				Cum. Fluid Produced = 1.623 m ³																
246				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																
247				Tubing Pressure High = 6619 kpa. Tubing Pressure Low = 6550 kpa.																
248				Tubing Temp = 21° C																

2001/03/06 18:00:00 To 2001/03/07 18:00:00

Gas 151.921 Cum. 483.197 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Clock	Cum	Choke Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³	ppm
249	2001/03/07				Choke Size = 12.70 mm Orifice Plate = 60.33 mm													
250					Gas Rate at 18:00 Hrs. = 152.93*10 ³ m ³ .													
251					Cum. Hrs. on Test = 76													
252		18:30:00	117.50	12.70	60.33	6585	21	621	1758	19.17	22	152.93	486.38					
253		19:00:00	118.00			6585	21	621	1758	19.17	22	152.93	489.57	0	0.00	0.31	0.00	1.31
254		19:30:00	118.50			6550	21	621	1758	19.17	23	152.64	492.75					
255		20:00:00	119.00			6550	21	552	1758	19.17	23	152.64	495.93	0	0.01	0.32	0.00	1.31
256		20:30:00	119.50			6550	21	552	1758	19.17	23	152.64	499.11					
257		21:00:00	120.00			6550	21	552	1758	19.17	23	152.64	502.29	0	0.01	0.32	0.00	1.31
258		21:30:00	120.50			6550	21	552	1758	19.17	23	152.64	505.47					
259		22:00:00	121.00			6550	21	552	1758	18.92	23	151.64	508.64	0	0.00	0.33	0.00	1.31
260		22:30:00	121.50			6550	21	552	1758	18.92	23	151.64	511.80					
261		23:00:00	122.00			6550	21	552	1758	18.92	23	151.64	514.96	0	0.01	0.33	0.00	1.31
262		23:30:00	122.50			6585	21	552	1758	18.92	22	151.93	518.12					
263	2001/03/08	00:00:00	123.00			6585	21	552	1758	18.92	22	151.93	521.29	0	0.01	0.34	0.00	1.31
264						H ² S = 7000ppm API = 51.1 @ 15.6°C												
265		00:30:00	123.50			6585	21	552	1758	18.92	22	151.93	524.45					
266		01:00:00	124.00			6585	21	552	1758	18.92	22	151.93	527.62	0	0.01	0.34	0.00	1.31
267		01:30:00	124.50			6550	21	552	1758	18.92	22	151.93	530.78					
268		02:00:00	125.00			6550	21	552	1758	18.92	22	151.93	533.95	0	0.01	0.35	0.00	1.31
269		02:30:00	125.50			6550	21	552	1758	18.92	22	151.93	537.11					
270		03:00:00	126.00			6550	21	552	1758	18.92	22	151.93	540.28	0	0.01	0.35	0.00	1.31
271		03:30:00	126.50			6550	21	552	1758	18.92	22	151.93	543.44					
272		04:00:00	127.00			6550	21	552	1758	18.92	22	151.93	546.61	0	0.01	0.36	0.00	1.31
273		04:30:00	127.50			6550	21	552	1758	18.92	22	151.93	549.77					
274		05:00:00	128.00			6550	21	552	1758	18.92	22	151.93	552.94	0	0.01	0.36	0.00	1.31
275		05:30:00	128.50			6550	21	552	1758	18.92	22	151.93	556.10					
276		06:00:00	129.00			6550	21	552	1758	18.92	22	151.93	559.27	0	0.01	0.37	0.00	1.31
277		06:30:00	129.50			6550	21	552	1758	18.92	22	151.93	562.43					
278		07:00:00	130.00			6550	21	552	1758	18.92	21	152.22	565.60	0	0.00	0.37	0.00	1.31
279		07:30:00	130.50			6550	21	552	1758	18.92	21	152.22	568.77					

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas 152.176 Cum. 635.372 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
280	2001/03/08	08:00:00	131.00			6550	21	552	1758	18.92	21	152.22	571.95	0	0.00	0.37	0.00	1.31		
281		08:30:00	131.50			6550	21	552	1758	18.92	21	152.22	575.12							
282		09:00:00	132.00			6550	21	552	1758	18.92	21	152.22	578.29	0	0.00	0.37	0.00	1.31		
283		09:30:00	132.50			6550	21	552	1758	18.92	21	152.22	581.46							
284		10:00:00	133.00			6550	21	552	1758	18.92	21	152.22	584.63	0	0.00	0.38	0.00	1.31		
285		10:30:00	133.50			6550	21	552	1758	18.92	21	152.22	587.80							
286		11:00:00	134.00			6550	21	552	1758	18.92	21	152.22	590.97	0	0.00	0.38	0.00	1.31		
287		11:30:00	134.50			6550	21	552	1758	18.92	21	152.22	594.15							
288		12:00:00	135.00			6550	21	552	1758	18.92	21	152.22	597.32	0	0.00	0.38	0.00	1.31		
289				Gas Samples Taken From Meter Run, # 00021788, # 00017431																
290		12:30:00	135.50			6550	21	552	1758	18.92	21	152.22	600.49							
291		13:00:00	136.00			6550	21	552	1758	18.92	21	152.22	603.66	0	0.00	0.39	0.00	1.31		
292		13:30:00	136.50			6550	21	552	1758	18.92	21	152.22	606.83							
293		14:00:00	137.00			6550	21	552	1758	18.92	21	152.22	610.00	0	0.00	0.39	0.00	1.31		
294		14:30:00	137.50			6550	21	552	1758	18.92	21	152.22	613.17							
295		15:00:00	138.00			6550	21	552	1758	18.92	21	152.22	616.34	0	0.00	0.39	0.00	1.31		
296		15:30:00	138.50			6550	21	552	1758	18.92	21	152.22	619.52							
297		16:00:00	139.00			6550	21	553	1758	18.92	21	152.22	622.69	0	0.00	0.40	0.00	1.31		
298		16:30:00	139.50			6550	21	552	1758	18.92	21	152.22	625.86							
299		17:00:00	140.00			6550	21	552	1758	18.92	21	152.22	629.03	0	0.00	0.40	0.00	1.31		
300		17:30:00	140.50			6550	21	552	1758	18.92	21	152.22	632.20							
301		18:00:00	141.00	12.70	60.33	6550	21	552	1758	18.92	21	152.22	635.37	0	0.00	0.40	0.00	1.31		
302				Gas Flared in Last 24 Hrs. = 152.17*10 ³ m ³ . Cum. Gas = 635.37*10 ³ m ³ .																
303				Water Produced in Last 24 Hrs. = 0.00 m ³ Cum. Water = 1.31 m ³																
304				Oil Produced in Last 24 Hrs. = 0.089 m ³ Cum. Oil = 0.402 m ³																
305				Cum. Fluid Produced = 1.712 m ³																
306				Grindout = 100 % Oil A.P.I. = 52.2 @ 15.6° C																
307				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.																
308				Tubing Temp. = 21° C																
309				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																
310				Gas Rate at 18:00 Hrs. = 152.22*10 ³ m ³ .																

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas	152.176	Cum.	635.372	10 ³ m ³
Water	0.000	Cum.	1.310	m ³
Condensate	0.000	Cum.	0.000	m ³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
311	2001/03/08			Cum. Hrs. on Test = 100																
312		18:30:00	141.50	12.70	60.33	6550	21	552	1758	18.92	20	152.52	638.55							
313		19:00:00	142.00			6550	21	552	1758	18.92	20	152.52	641.72	0	0.00	0.41	0.00	1.31		
314		19:30:00	142.50			6550	21	552	1758	18.92	20	152.52	644.90							
315		20:00:00	143.00			6550	21	552	1758	18.92	21	152.22	648.08	0	0.00	0.41	0.00	1.31		
316		20:30:00	143.50			6550	21	552	1758	18.92	21	152.22	651.25							
317		21:00:00	144.00			6550	21	552	1758	18.92	21	152.22	654.42	0	0.00	0.41	0.00	1.31		
318		21:30:00	144.50			6550	21	552	1758	18.92	21	152.22	657.59							
319		22:00:00	145.00			6550	21	552	1758	18.92	21	152.22	660.76	0	0.00	0.41	0.00	1.31		
320		22:30:00	145.50			6550	21	552	1758	18.92	21	152.22	663.93							
321		23:00:00	146.00			6550	21	552	1758	18.92	21	152.22	667.10	0	0.00	0.42	0.00	1.31		
322		23:30:00	146.50			6550	21	552	1758	18.92	21	152.22	670.28							
323	2001/03/09	00:00:00	147.00			6550	21	552	1758	18.68	21	151.25	673.44	0	0.00	0.42	0.00	1.31		
324				H ² S = 7000ppm API = 51.1 @ 15.6°C																
325		00:30:00	147.50			6550	21	552	1758	18.68	21	151.25	676.59							
326		01:00:00	148.00			6550	21	552	1758	18.68	21	151.25	679.74	0	0.01	0.42	0.00	1.31		
327		01:30:00	148.50			6550	21	552	1758	18.68	21	151.25	682.89							
328		02:00:00	149.00			6550	21	552	1758	18.68	21	151.25	686.04	0	0.01	0.43	0.00	1.31		
329		02:30:00	149.50			6550	21	552	1758	18.68	21	151.25	689.19							
330		03:00:00	150.00			6550	21	552	1758	18.68	21	151.25	692.34	0	0.01	0.44	0.00	1.31		
331		03:30:00	150.50			6550	21	552	1758	18.68	20	151.55	695.50							
332		04:00:00	151.00			6550	21	552	1758	18.68	20	151.55	698.66	0	0.01	0.44	0.00	1.31		
333		04:30:00	151.50			6550	21	552	1758	18.68	20	151.55	701.81							
334		05:00:00	152.00			6550	21	552	1758	18.68	20	151.55	704.97	0	0.01	0.45	0.00	1.31		
335		05:30:00	152.50			6550	21	552	1758	18.68	20	151.55	708.13							
336		06:00:00	153.00			6550	21	552	1758	18.68	20	151.55	711.28	0	0.01	0.45	0.00	1.31		
337				H ² S = 7000ppm API = 51 @ 15.6°C																
338		06:30:00	153.50			6550	21	552	1758	18.68	20	151.55	714.44							
339		07:00:00	154.00			6550	21	552	1758	18.68	20	151.55	717.60	0	0.01	0.46	0.00	1.31		
340		07:30:00	154.50			6550	21	552	1758	18.68	20	151.55	720.76							
341		08:00:00	155.00			6550	21	552	1758	18.68	20	151.55	723.91	0	0.01	0.46	0.00	1.31		

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas 151.748 Cum. 787.121 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
342	2001/03/09	08:30:00	155.50			6550	21	552	1758	18.68	20	151.55	727.07							
343		09:00:00	156.00			6550	21	552	1758	18.68	20	151.55	730.23	0	0.01	0.46	0.00	1.31		
344		09:30:00	156.50			6550	21	552	1758	18.68	21	151.25	733.38							
345		10:00:00	157.00			6550	21	552	1758	18.68	21	151.25	736.53	0	0.01	0.47	0.00	1.31		
346		10:30:00	157.50			6550	21	552	1758	18.68	22	150.96	739.68							
347		11:00:00	158.00			6550	21	552	1758	18.68	22	150.96	742.83	0	0.00	0.47	0.00	1.31		
348		11:30:00	158.50			6585	21	586	1758	18.92	24	151.35	745.97							
349		12:00:00	159.00			6585	21	586	1758	18.92	24	151.35	749.13	0	0.00	0.48	0.00	1.31		
350		12:30:00	159.50			6585	21	586	1758	18.92	24	151.35	752.28							
351		13:00:00	160.00			6585	21	586	1758	18.92	24	151.35	755.43	0	0.00	0.48	0.00	1.31		
352		13:30:00	160.50			6585	21	586	1758	18.92	24	151.35	758.59							
353		14:00:00	161.00			6586	21	586	1758	18.92	24	151.35	761.74	0	0.00	0.48	0.00	1.31		
354		14:30:00	161.50			6550	21	586	1758	19.17	24	152.35	764.90							
355		15:00:00	162.00			6550	21	586	1758	19.17	24	152.35	768.08	0	0.00	0.49	0.00	1.31		
356		15:30:00	162.50			6550	21	586	1758	19.17	24	152.35	771.25							
357		16:00:00	163.00			6550	21	586	1758	19.17	24	152.35	774.43	0	0.00	0.49	0.00	1.31		
358		16:30:00	163.50			6550	21	586	1758	19.17	24	152.35	777.60							
359		17:00:00	164.00			6550	21	586	1758	19.17	24	152.35	780.77	0	0.00	0.49	0.00	1.31		
360		17:30:00	164.50			6550	21	586	1758	19.17	24	152.35	783.95							
361		18:00:00	165.00	12.70	60.33	6550	21	586	1758	19.17	24	152.35	787.12	0	0.00	0.49	0.00	1.31		
362				Gas Flared in Last 24 Hrs. = 151.95*10 ³ m ³ .										Cum. Gas = 787.12*10 ³ m ³ .						
363				Water Produced in Last 24 = 0.00 m ³										Cum. Water = 1.31 m ³						
364				Oil Produced in Last 24 Hrs. = 0.092 m ³										Cum. Oil = 0.494 m ³						
365				Cum. Fluid Produced = 1.804 m ³																
366				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																
367				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.																
368				Tubing Temp = 21° C H ₂ s = 0.8 %																
369				Gas Rate at 18:00 Hrs. = 152.35*10 ³ m ³ .																
370				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																
371				Cum. Hrs. = 124																
372		18:30:00	165.50	12.70	60.33	6550	21	586	1758	19.17	24	152.35	790.29							

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas 151.748 Cum. 787.121 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
373	2001/03/09	19:00:00	166.00			6550	21	586	1758	19.17	24	152.35	793.47	0	0.00	0.50	0.00	1.31		
374		19:30:00	166.50			6550	21	586	1758	19.17	24	152.35	796.64							
375		20:00:00	167.00			6550	21	586	1758	19.17	24	152.35	799.82	0	0.00	0.50	0.00	1.31		
376		20:30:00	167.50			6550	21	586	1758	19.17	24	152.35	802.99							
377		21:00:00	168.00			6550	21	586	1758	19.17	24	152.35	806.16	0	0.00	0.50	0.00	1.31		
378		21:30:00	168.50			6550	21	586	1758	19.17	24	152.35	809.34							
379		22:00:00	169.00			6550	21	586	1758	19.17	24	152.35	812.51	0	0.00	0.51	0.00	1.31		
380		22:30:00	169.50			6550	21	586	1758	19.17	24	152.35	815.69							
381		23:00:00	170.00			6550	21	586	1758	19.17	24	152.35	818.86	0	0.00	0.51	0.00	1.31		
382		23:30:00	170.50			6550	21	586	1758	19.17	24	152.35	822.03							
383	2001/03/10	00:00:00	171.00			6550	21	586	1758	18.68	22	150.96	825.19	0	0.00	0.51	0.00	1.31		
384				H ₂ S = 7000ppm API = 51.2 @ 15.6°C																
385		00:30:00	171.50			6550	21	586	1758	18.68	22	150.96	828.34							
386		01:00:00	172.00			6550	21	586	1758	18.68	22	150.96	831.48	0	0.00	0.52	0.00	1.31		
387		01:30:00	172.50			6550	21	586	1758	18.68	22	150.96	834.63							
388		02:00:00	173.00			6550	21	586	1758	18.68	22	150.96	837.77	0	0.00	0.52	0.00	1.31		
389		02:30:00	173.50			6550	21	586	1758	18.68	22	150.96	840.92							
390		03:00:00	174.00			6550	21	586	1758	18.68	22	150.96	844.06	0	0.00	0.52	0.00	1.31		
391		03:30:00	174.50			6550	21	586	1758	18.68	22	150.96	847.21							
392		04:00:00	175.00			6550	21	586	1758	18.68	22	150.96	850.35	0	0.00	0.52	0.00	1.31		
393		04:30:00	175.50			6550	21	586	1758	18.68	22	150.96	853.50							
394		05:00:00	176.00			6550	21	586	1758	18.68	22	150.96	856.64	0	0.00	0.53	0.00	1.31		
395		05:30:00	176.50			6550	21	586	1758	18.68	22	150.96	859.79							
396		06:00:00	177.00			6550	21	586	1758	18.68	22	150.96	862.93	0	0.00	0.53	0.00	1.31		
397		06:30:00	177.50			6550	21	586	1758	18.68	22	150.96	866.08							
398		07:00:00	178.00			6550	21	586	1758	18.68	22	150.96	869.22	0	0.01	0.54	0.00	1.31		
399		07:30:00	178.50			6550	21	586	1758	18.68	22	150.96	872.37							
400		08:00:00	179.00			6550	21	586	1758	18.68	22	150.96	875.51	0	0.01	0.54	0.00	1.31		
401		08:30:00	179.50			6550	21	586	1758	18.68	22	150.96	878.66							
402		09:00:00	180.00			6550	21	586	1758	18.68	22	150.96	881.80	0	0.01	0.55	0.00	1.31		
403		09:30:00	180.50			6550	21	586	1758	18.68	22	150.96	884.95							

2001/03/09 18:00:00 To 2001/03/10 14:00:00

Gas 100.973 Cum. 888.094 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
404	2001/03/10	10:00:00	181.00	12.70	60.33	6550	21	586	1758	18.68	22	150.96	888.09	0	0.01	0.55	0.00	1.31		
405		10:01:00	181.02		0.00				0	0.00	0	0.00	888.09							
406		10:01:00	181.02	Shut in Well, Record Build up. Start to Rig out Equipment.																
407		10:05:00	181.08			7998														
408		10:10:00	181.17			8274														
409		10:15:00	181.25			8343														
410		10:30:00	181.50			8377														
411		10:45:00	181.75			8446														
412		11:00:00	182.00			8481														
413		11:30:00	182.50			8515														
414		12:00:00	183.00			8515														
415		12:30:00	183.50			8515														
416		13:00:00	184.00			8550														
417		13:30:00	184.50			8550														
418		14:00:00	185.00			8584														
419				End of Build ups.																
420				DAY SUMMARY																
421				Gas Flared in Last 16 Hrs. = 100.97*10 ³ m ³ .																
422				Water Produced in Last 16 Hrs. = 0.00 m ³																
423				Oil Produced in Last 16 Hrs. = 0.056 m ³																
424				Tubing Pressure High = 6550 kpa Tubing Pressure Low = 6550 kpa																
425																				
426				JOB SUMMARY:																
427				Cum. Gas Flared = 888.09*10 ³ m ³ .																
428				Cum. Water Produced = 1.31 m ³																
429				Cum. Oil Produced = 0.550 m ³																
430				Cum. Fluid Produced = 1.860 m ³																
431				Grindout = 100% Oil A.P.I. = 52.2 @ 15.6° C																
432				Tubing Temp = 21° C H ₂ s = 0.8 %																
433				Gas Rate at Shut in = 150.96*10 ³ m ³ .																
434				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

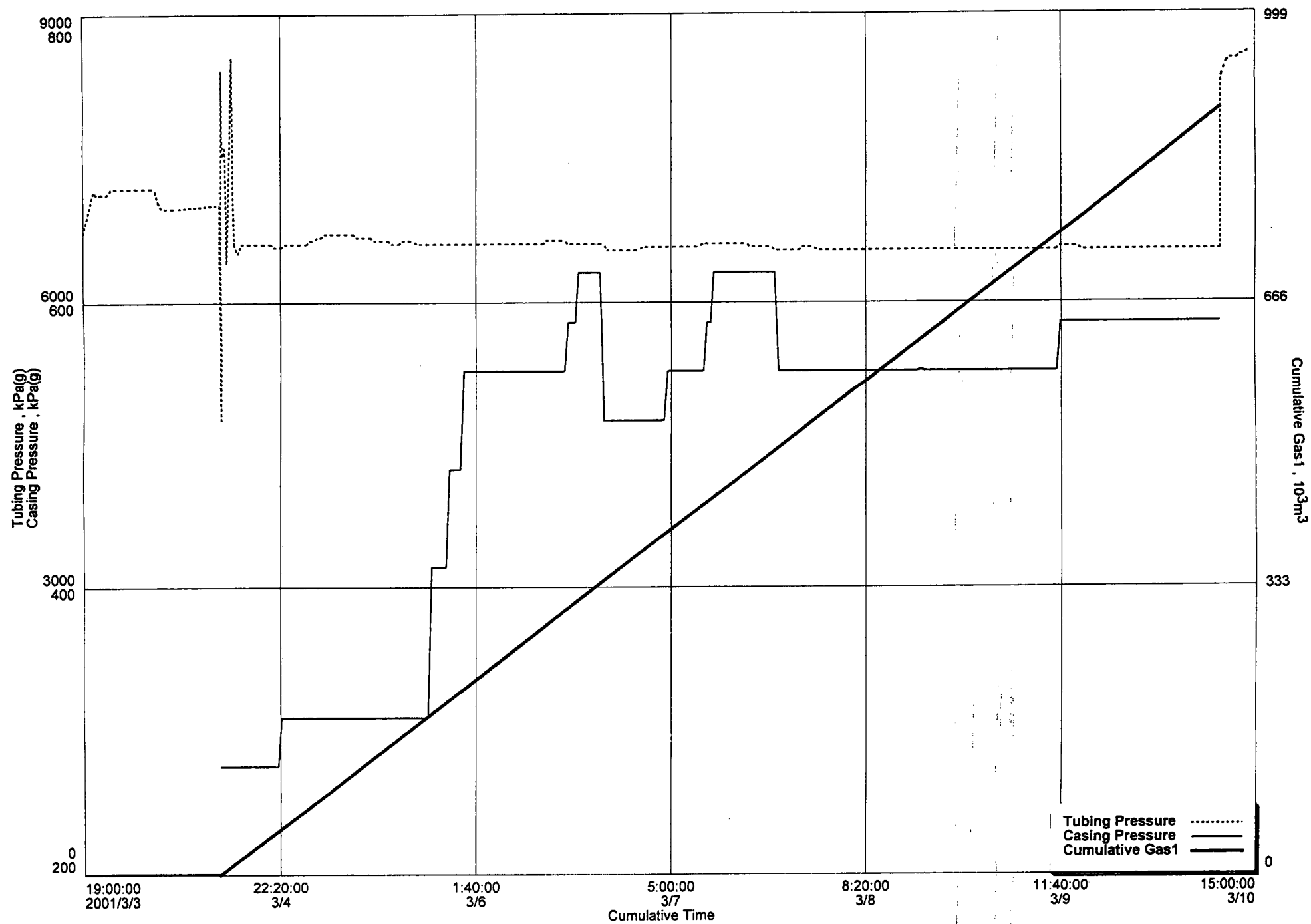
Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm

435 2001/03/10

Cum. Hrs. on Test = 148.0

PARAMOUNT RESOURCES LTD.
A-73
Start Date: 2001/03/03
Final Test Date: 2001/03/10

PARA et al CAMERON A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066





Container Identification
17865E

Laboratory Number
GE70314E

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
NOT AVAILABLE	A73 PARAMOUNT et al SWEDE	KB m 679.60 GRD m 675.60

Field or Area	Pool or Zone	Sampler's Company
SWEDE	SLAVE POINT	SOLID PRODUCTION SERVICES

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
	METER RUN	Pressure (kPa)		1793	1793	1400
		Temperature (°C)		25	25	21

Date Sampled	Date Received	Date Reported	Analyst
Mar 04, 2001	Mar 30, 2001	Apr 09, 2001	PL

Other Information
FIELD H2S 1.2%

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0000	0.0000	
He	0.0010	0.0011	
N2	0.0173	0.0184	
CO2	0.0471	0.0000	
H2S	0.0120	0.0000	
C1	0.8965	0.9529	
C2	0.0134	0.0142	
C3	0.0065	0.0069	23.9
IC4	0.0011	0.0012	4.8
NC4	0.0024	0.0026	10.1
IC5	0.0007	0.0007	3.4
NC5	0.0007	0.0007	3.4
C6	0.0007	0.0007	3.8
C7+	0.0006	0.0006	3.8
Total	1.0000	1.0000	53.2

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

Air Free As Received	Moisture & Acid Gas Free
36.56	38.51

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.638	0.586

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.1	4571	193.7

RELATIVE MOLECULAR MASS

Total Gas	C7+
18.5	102.5

VAPOUR PRESSURE
(Pentanes +)

75.46 kPa

H₂S g/m³

17.26

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.





Container Identification 21788F		Laboratory Number GE70314F																
Operator Name PARAMOUNT RESOURCES LTD.																		
Unique Well Identifier NOT AVAILABLE	Well Name A73 PARAMOUNT et al SWEDE	Elevation KB m 679.60 GRD m 675.60																
Field or Area SWEDE	Pool or Zone SLAVE POINT	Sampler's Company SAME																
Test Type	Test No.	Test Recovery	Name of Sampler															
Test Interval or Perfs		Sampling Point METER RUN	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Separator</td> <td>Reservoir</td> <td>Source</td> <td>Sampled</td> <td>Received</td> </tr> <tr> <td>Pressure (kPa)</td> <td></td> <td>1708</td> <td>1708</td> <td>1300</td> </tr> <tr> <td>Temperature (°C)</td> <td></td> <td>21</td> <td>21</td> <td>21</td> </tr> </table>	Separator	Reservoir	Source	Sampled	Received	Pressure (kPa)		1708	1708	1300	Temperature (°C)		21	21	21
Separator	Reservoir	Source	Sampled	Received														
Pressure (kPa)		1708	1708	1300														
Temperature (°C)		21	21	21														
Date Sampled Mar 08, 2001	Date Received Mar 30, 2001	Date Reported Apr 09, 2001	Analyst PL															
Other Information FIELD H2S 0.8% LAB H2S 1.26%																		

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0007	0.0007	
He	0.0009	0.0010	
N2	0.0151	0.0160	
CO2	0.0457	0.0000	
H2S	0.0126	0.0000	
C1	0.8993	0.9552	
C2	0.0133	0.0141	
C3	0.0066	0.0070	24.2
IC4	0.0010	0.0011	4.4
NC4	0.0024	0.0025	10.1
IC5	0.0007	0.0007	3.4
NC5	0.0007	0.0007	3.4
C6	0.0006	0.0006	3.3
C7+	0.0004	0.0004	2.5
Total	1.0000	1.0000	51.3

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

Air Free As Received	Moisture & Acid Gas Free
36.62	38.52

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.634	0.584

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.0	4573	193.6

RELATIVE MOLECULAR MASS

Total Gas	C7+
18.4	100.2

VAPOUR PRESSURE
(Pentanes +)

82.84 kPa

H2S g/m³

18.13

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone Information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.



SOLID PRODUCTION SERVICES PRE-JOB/SAFETY SUMMARY

Company: Paramount Resources

Location: A-73

Start Date: 03/01/01

Company Rep: John Wright

Directions to Lease: North on Hwy 35 to 1 km before Indian Cabins, turn west until you cross railroad tracks, first right at y, keep right to gates, 5-6 km to second y, right to km 32, right 8 km, right into CAMP.

Phone Numbers

Company Rep

Office

Mobile

Motel

Day Supervisor

John Wright

403-997-2295

Night Supervisor

780-955-7525

600-700-3575

Safety Supervisor

RCMP

780-926-2226

Hospital

780-926-3791

Air Ambulance

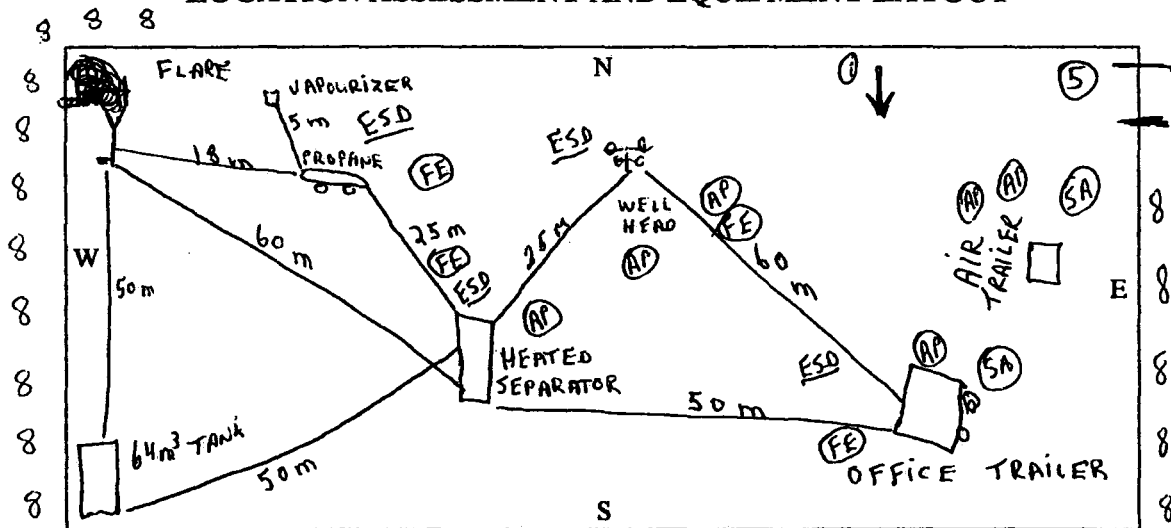
780-926-3791

OHS

Pre-Job Discussion

Safety procedure in opening sour gas wells.

LOCATION ASSESSMENT AND EQUIPMENT LAYOUT



Please note the following on your diagram:

- 1) Prevailing Wind Direction
- 2) All Sumps or Spills
- 3) ESD Locations ESD
- 4) Fire Extinguishers FE
- 5) Emergency Exit

- 6) Air Pack Locations AP
- 7) Safe Area SA
- 8) Tree Line
- 9) Distances in Meters

**SOLID PRODUCTION SERVICES
PRE-JOB/SAFETY SUMMARY con't**

	H2S	First Aid	CPR	WHMIS	TDGR
<u>Allen Townsend</u> Senior Supervisor	☒	☒	☒	☒	☒
<u>Paul Lemay</u> Night Supervisor	☒	☒	☒	☐	☐
<u> </u> Day Operator	☐	☐	☐	☐	☐
<u> </u> Night Operator	☐	☐	☐	☐	☐
<u>Cory Slusarchuk</u> Day Assistant	☒	☒	☐	☐	☐
<u>Jason Lemay</u> Night Assistant	☒	☒	☐	☐	☐

Company Rep - Personnel and Equipment Checklist

Personnel

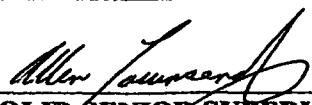
	Poor	Fair	Good	Excellent
Knowledge	☐	☐	☒	☐
Conduct	☐	☐	☐	☒

Equipment

	Poor	Fair	Good	Excellent
Condition	☐	☐	☐	☒
Performance	☐	☐	☐	☒
Cleanliness	☐	☐	☒	☐

Company Rep Comments

COMPANY REPRESENTATIVE


SOLID SENIOR SUPERVISOR

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources
LOCATION: A-73
OPERATED BY:
SAMPLE DATE: Mar. 4/2001
FLOW RATE #: 151.78 10³m³
FORMATION NAME AND ZONE: Slave Point

JOB #: 066
FIELD:
TIME: 1800 hrs.

SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00018206</u>	<u>1793 kpa</u>	<u>25°C</u>
	2. <u>00017865</u>	<u>1793kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u>Plastic</u>	<u> </u>	
	2. <u>Plastic</u>	<u> </u>	

STOCK TANK SAMPLES (WATER): 1
NO. OF SAMPLES (OIL OR CONDENSATE): 1

PRODUCTION RATES: GAS E3M³/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6619 kpa
CASING
SEPARATOR 1793 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:

[Signature]

DATE:

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources
LOCATION: A-73
OPERATED BY:
SAMPLE DATE: Mar. 8 /2001
FLOW RATE #: 150.48 10³m³
FORMATION NAME AND ZONE: Slave Point

JOB #: 066
FIELD:
TIME: 1200 hrs.

**SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412**

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1.____	____	
	2.____	____	
HIGH PRESS. GAS	1.00021788	1758 kpa	25°C
	2.00017431	1758kpa	25°C
LOW PRESS. GAS	1.____	____	
	2.____	____	
HIGH PRESS. LIQUID	1.____	____	
	2.____	____	
LOW PRESS. LIQUID	1.____	____	
	2.____	____	

STOCK TANK SAMPLES (WATER):
NO. OF SAMPLES (OIL OR CONDENSATE):

PRODUCTION RATES: GAS____ E3M[^]3/D OIL/COND____ M3D H2O____ M3D

PRESSURES: TUBING 6550 kpa
CASING
SEPARATOR 1758 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:

DATE:

Jonathan M. [Signature]

PARAMOUNT RESOURCES LTD.

PARA et al SWEDE

A-73

A-73

SULPHUR POINT

MAR 03-10, 2001

Well Test Data

Contact

GRANT HARTER
Well Testing Manager

Nisku: (780) 955-7525

GENERAL INFORMATION

Client Information:

Company: PARAMOUNT RESOURCES LTD.

Contact: PARAMOUNT RESOURCES LTD.

Phone: 403-997-2295 Fax: e-mail:

Site Information:

Contact: JOHN WRIGHT

Phone: 403-997-2295 Fax: e-mail:

Well Information:

Name: PARA et al SWEDE A-73

Operator: PARAMOUNT RESOURCES LTD.

Location-Downhole: 3/300—/

Location-Surface: A-73, 60 Deg 20' N, 117 Deg 30' W

Test Information:

Company: SOLID PRODUCTION SERVICES LTD.

Representative: GRANT HARTER

Supervisor: ALLEN TOWNSEND

Test Type: SINGLE POINT TEST

Job Number: 066

Test Unit: HTU-05

Start Date: 2001/03/03

Start Time: 20:30:00

End Date: 2001/03/10

End Time: 10:01:00

Report Date: 2001/04/09

Prepared By: LAURA D. DOMINICK

Remarks:

Qualified By:

Location-A-73

WELL INFORMATION

Well Name : PARA et al SWEDE A-73

Well Operator : PARAMOUNT RESOURCES LTD.

Well Location : 3/300-----/

Location-Surface : A-73, 60 Deg 20' N, 117 Deg 30' W

Field : SWEDE

Well Type : Vertical

Pool : UNDEFINED

Formation : SULPHUR POINT

Perforation Type :			Producing Through : Tubing	Size	73.00 mm
Pool Datum	m	KB	Elevation Referenced From	679.60 m	KB
Datum Depth	m	KB	Elevation Referenced To	675.60 m	GL
			Offset	4.00 m	

Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

	From - m	To - m	Depth - m	Pressure - kPa
1.	1369.00	1370.50	1.	1369.75
2.			2.	
3.			3.	
4.			4.	
5.			5.	
6.			6.	
7.			7.	
8.			8.	
9.			9.	
10.			10.	
11.			11.	
12.			12.	

Remarks :

PARAMOUNT RESOURCES LTD.

3/300—/

Start Date: 2001/03/03

Final Test Date: 2001/03/10

FieldNotes METER REPORT

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

Gas Meter 1

Meter Type:

Meter Size:

Previous Gas Production:

Tap Type:

Tap Location:

Orifice Meter

102.30 mm

0.000 10³m³

Flange

Downstream

Gas Gravity (G):

0.634

CO₂:

4.57 %

H₂S:

1.26 %

N₂:

1.51 %

Critical Temperature (T_c):

201.20 K

Critical Pressure (P_c):

4632.80 kPa

Water Meter 1

Meter Type:

Measurement type:

Columns for Produced Volume:

Previous Water Production:

Produced Volume

Incremental

0.000 m³

Condensate Meter 1

Meter Type:

Measurement Type:

Columns for Measured Level:

Previous Condensate Production:

Measured Level

Cumulative

0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
1	2001/03/02	21:00:00	0.00	Arrive on Location, Spot Equipment, Return to Camp.																
2	2001/03/02	21:00:00	0.00		0.00	0			0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
3	2001/03/03	08:00:00	11.00	Arrive on Location, Start to Rig in Equipment.																
4		12:00:00	15.00	Drive to Camp, Load Propane, Drive Back to Location.																
5		15:30:00	18.50	Rig in Propane With Vapourizer.																
6		17:30:00	20.50	Wire Line on Location to Pull Plug.																
7		19:00:00	22.00	Water Truck on Location, Fill Heater and Pre-Heat.																
8		19:30:00	22.50	Unable to Pull Plug, Wire Line Rigged Off.																
9		20:00:00	23.00	Pump Methanol Down Tubing Over Night, Record Pressure.																
10		20:00:00	23.00	Gas Sample Taken by GasTec 11,000 ppm.																
11		20:30:00	23.50			7190														
12		21:00:00	24.00			7120														
13		21:30:00	24.50			7150														
14		22:00:00	25.00			7120														
15		22:30:00	25.50			7160														
16		23:00:00	26.00			7205														
17		23:30:00	26.50			7205														
18	2001/03/04	00:00:00	27.00			7205														
19		00:30:00	27.50			7205														
20		01:00:00	28.00			7205														
21		01:30:00	28.50			7205														
22		02:00:00	29.00			7205														
23		02:30:00	29.50			7205														
24		03:00:00	30.00			7205														
25		03:30:00	30.50			7205														
26		04:00:00	31.00			7205														
27		04:30:00	31.50			7205														
28		05:00:00	32.00			7205														
29		05:30:00	32.50			7067														
30		06:00:00	33.00			6998														
31				0.22m ³ of Methanol Pumped Down Tubing Over Night.																

2001/03/02 21:00:00 To 2001/03/03 19:00:00

Gas	0.000	Cum.	0.000	10 ³ m ³
Water	0.000	Cum.	0.000	m ³
Condensate	0.000	Cum.	0.000	m ³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
32	2001/03/04	06:30:00	33.50			6998														
33		07:00:00	34.00			6998														
34				Rig in to 64m ³ Tank.																
35		07:30:00	34.50			6998														
36		08:00:00	35.00			6998														
37				Wire Line on Location to pull plug and set Recorders.																
38		11:55:00	38.92	Recorders set at 1368m																
39		12:00:00	39.00	Rig Flow Line into Tubing With E.S.D. Valve.																
40		13:00:00	40.00	Hold Safety Meeting, Discuss Objectives. H ₂ s = 11000ppm.																
41		13:30:00	40.50	Separator Purged With Propane.																
42		13:55:00	40.92	Pressure Test up to Choke. OK.																
43		14:00:00	41.00	Open Well to Flow Tubing Through a 7.93 mm Adjustable Choke.																
44		14:00:00	41.00		0.00				0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
45		14:00:00	41.00	7.93		7033		276												
46		14:05:00	41.08			5102		276												
47		14:10:00	41.17			4758		276												
48		14:12:00	41.20	Fluid to Surface, Plug in 64 m ³ Tank Missing, Shut in Well and Repair.																
49		14:15:00	41.25			8412		276						100	0.00	0.00	0.18	0.18		
50		14:15:00	41.25	Open Well on a 7.93mm Choke.																
51		14:20:00	41.33	7.93		7688		276												
52		14:25:00	41.42			7584		276												
53		14:30:00	41.50			7516		276						100	0.00	0.00	0.22	0.40		
54		14:40:00	41.67	Adjust Choke to 9.52mm																
55		14:45:00	41.75	9.52		7619		276												
56		14:45:00	41.75	Adjust Choke to 11.11mm																
57		15:00:00	42.00			6412		276												
58		15:00:00	42.00	Adjust Choke to 12.70mm																
59		15:25:00	42.42	Slug of Fluid at Surface, Dumps Unable to Keep up, Shut in Well to Clear Lines.																
60		15:30:00	42.50	Grind Out of Fluid = Water/Methanol/Emulsion Mix. Unable to Measure Salinity or PH.																
61		15:40:00	42.67			8550		276						100	0.00	0.00	0.68	1.22		
62		15:40:00	42.67	Re-Open on a 9.52mm Choke.																

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas 25.577 Cum. 25.577 10³m³
 Water 1.260 Cum. 1.260 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum	Oil	Cum	Inc	Water	
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	pH
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	ppm
63	2001/03/04	15:45:00	42.75	9.52			8033		276								
64		15:50:00	42.83	Adjust Choke to 11.11mm													
65		15:50:00	42.83				7171		276								
66		15:55:00	42.92	Adjust Choke to 12.70mm													
67		15:58:00	42.97	Meter in Service With a 60.33mm Orifice Plate.													
68		16:00:00	43.00	12.70	60.33	6619	9	276	1758	18.92	10	155.60	12.97	100	0.00	0.00	0.03 1.25
69				Increase Heater Temp.													
70		16:30:00	43.50			6516	10	276	1724	18.42	16	150.22	16.15				
71				Pumping Methanol Across Choke.													
72		17:00:00	44.00			6619	10	276	1724	18.92	24	149.90	19.28		0.00	0.00	0.00 1.25
73		17:30:00	44.50			6619	10	276	1724	19.17	25	150.60	22.41				
74		18:00:00	45.00			6619	10	276	1793	19.17	25	153.54	25.58	100	0.00	0.00	0.01 1.26
75				Gas Samples Obtained From Meter Run. # 00018206 # 00017865													
76		18:30:00	45.50			6619	10	276	1793	19.17	25	153.54	28.78				
77		19:00:00	46.00			6619	10	276	1793	18.92	25	152.53	31.96	100	0.00	0.00	0.01 1.27
78		19:30:00	46.50			6619	11	276	1793	18.92	25	152.53	35.14				
79		20:00:00	47.00	12.70	60.33	6619	12	276	1793	18.92	25	152.53	38.32	100	0.00	0.00	0.01 1.28
80		20:30:00	47.50			6619	14	276	1793	18.92	25	152.53	41.50				
81		21:00:00	48.00			6619	14	276	1793	18.67	25	151.52	44.66		0.00	0.00	0.00 1.28
82		21:30:00	48.50			6585	14	276	1793	18.67	26	151.23	47.82				
83		22:00:00	49.00			6585	14	276	1793	18.67	26	151.23	50.97	100	0.00	0.00	0.01 1.29 8 19556
84				Grind Out of Fluid = 100 % H ₂ O Salinity = 19,556 ppm. PH = 8													
85		22:30:00	49.50			6585	14	310	1793	18.67	27	150.94	54.12				
86		23:00:00	50.00			6619	16	310	1793	18.67	27	150.94	57.26	100	0.00	0.00	0.01 1.30 8 19556
87		23:30:00	50.50			6619	17	310	1793	18.67	27	150.94	60.41				
88	2001/03/05	00:00:00	51.00			6619	17	310	1793	18.67	27	150.94	63.55	100	0.00	0.00	0.01 1.31 8 19556
89				H ₂ s = 14000ppm.(Gastec)													
90		00:30:00	51.50			6619	17	310	1793	18.67	27	150.94	66.69				
91		01:00:00	52.00			6619	17	310	1793	18.67	27	150.94	69.84		0.00	0.00	0.00 1.31
92		01:30:00	52.50			6619	17	310	1793	18.67	27	150.94	72.98				
93		02:00:00	53.00			6619	17	310	1793	18.67	27	150.94	76.13		0.00	0.00	0.00 1.31

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas 25.577 Cum. 25.577 10³m³
 Water 1.260 Cum. 1.260 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
94	2001/03/05				Condensate at Surface. Grindout = 100 % Oil														
95		02:30:00	53.50		6654	17	310	1793	18.92	28	151.67	79.28							
96		03:00:00	54.00		6654	18	310	1793	18.92	28	151.67	82.44	0	0.01	0.01	0.00	1.31		
97		03:30:00	54.50		6688	18	310	1793	18.92	28	151.67	85.60							
98		04:00:00	55.00		6688	18	310	1793	18.92	28	151.67	88.76	0	0.01	0.02	0.00	1.31		
99		04:30:00	55.50		6723	18	310	1793	18.92	28	151.67	91.92							
100		05:00:00	56.00		6723	18	310	1793	19.17	28	152.67	95.09	0	0.01	0.03	0.00	1.31		
101		05:30:00	56.50		6723	19	310	1793	19.17	29	152.38	98.27							
102		06:00:00	57.00	12.70 60.33	6723	19	310	1793	19.17	29	152.38	101.44	0	0.02	0.05	0.00	1.31		
103					Cum.Hrs on Test = 16														
104					Gas Flared in Last 16 Hrs. = 101.44*10 ³ m ³ .														
105					Water Produced = 1.31 m ³ Salinity = 19,556 ppm. PH = 8														
106					Oil Produced = 0.050 m ³ A.P.I. = 51.1 @ 15.6° C														
107					Choke Size = 12.70 mm														
108					Orifice Plate = 60.33 mm														
109		06:30:00	57.50	12.70 60.33	6723	19	310	1793	19.17	29	152.38	104.62							
110		07:00:00	58.00		6723	19	310	1793	19.17	28	152.67	107.80	0	0.01	0.06	0.00	1.31		
111		07:30:00	58.50		6723	19	310	1793	19.17	28	152.67	110.98							
112		08:00:00	59.00		6723	19	310	1793	19.17	27	152.96	114.16	0	0.00	0.06	0.00	1.31		
113		08:30:00	59.50		6723	19	310	1793	19.17	27	152.96	117.35							
114		09:00:00	60.00		6688	19	310	1793	19.17	25	153.54	120.54	0	0.01	0.07	0.00	1.31		
115		09:30:00	60.50		6688	19	310	1793	19.17	24	153.83	123.74							
116		10:00:00	61.00		6688	19	310	1793	19.17	24	153.83	126.95	0	0.00	0.07	0.00	1.31		
117		10:30:00	61.50		6688	19	310	1793	18.92	23	153.12	130.14							
118		11:00:00	62.00		6688	20	310	1793	18.92	23	153.12	133.33	0	0.01	0.08	0.00	1.31		
119		11:30:00	62.50		6654	20	310	1793	18.92	22	153.41	136.53							
120		12:00:00	63.00		6654	20	310	1793	18.92	22	153.41	139.72	0	0.00	0.08	0.00	1.31		
121		12:30:00	63.50		6654	20	310	1793	18.92	21	153.71	142.92							
122		13:00:00	64.00		6654	20	310	1793	18.92	21	153.71	146.12	0	0.01	0.09	0.00	1.31		
123		13:30:00	64.50		6654	20	310	1793	18.92	21	153.71	149.33							
124		14:00:00	65.00		6619	20	310	1793	18.92	21	153.71	152.53	0	0.01	0.10	0.00	1.31		

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³
 Water 0.050 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

		Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
	Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
125	2001/03/05	14:30:00	65.50			6619	20	310	1793	18.92	21	153.71	155.73							
126		15:00:00	66.00			6619	20	310	1793	18.92	21	153.71	158.93	0	0.01	0.11	0.00	1.31		
127		15:30:00	66.50			6654	20	310	1793	18.92	21	153.71	162.14							
128		16:00:00	67.00			6654	20	310	1793	18.92	21	153.71	165.34	0	0.01	0.12	0.00	1.31		
129				A.P.I. = 52.2 @ 15.6° C																
130		16:30:00	67.50			6654	20	310	1793	18.92	21	153.71	168.54							
131		17:00:00	68.00			6654	20	310	1793	18.92	21	153.71	171.74	0	0.01	0.13	0.00	1.31		
132		17:30:00	68.50			6619	20	310	1793	18.92	21	153.71	174.94							
133		18:00:00	69.00			6619	20	310	1793	18.92	21	153.71	178.15	0	0.01	0.14	0.00	1.31		
134		18:30:00	69.50			6619	20	310	1793	18.92	21	153.71	181.35							
135		19:00:00	70.00			6619	20	310	1793	18.92	21	153.71	184.55	0	0.01	0.15	0.00	1.31		
136		19:30:00	70.50			6619	20	414	1793	18.92	21	153.71	187.75							
137		20:00:00	71.00			6619	20	414	1793	18.92	21	153.71	190.96	0	0.01	0.16	0.00	1.31		
138		20:30:00	71.50			6619	20	414	1793	18.92	20	154.01	194.16							
139		21:00:00	72.00			6619	20	414	1793	18.92	20	154.01	197.37	0	0.01	0.17	0.00	1.31		
140		21:30:00	72.50			6619	20	414	1793	18.92	20	154.01	200.58							
141		22:00:00	73.00			6619	20	483	1793	18.92	20	154.01	203.79	0	0.01	0.17	0.00	1.31		
142		22:30:00	73.50			6619	21	483	1793	18.92	20	154.01	207.00							
143		23:00:00	74.00			6619	21	483	1793	18.92	20	154.01	210.20	0	0.01	0.18	0.00	1.31		
144		23:30:00	74.50			6619	21	483	1793	18.92	20	154.01	213.41							
145	2001/03/06	00:00:00	75.00			6619	21	552	1793	18.92	20	154.01	216.62	0	0.01	0.18	0.00	1.31		
146				H ² S = 12,000ppm . (Gastec) , API = 52.8 @ 15.6° C																
147		00:30:00	75.50			6619	21	552	1793	18.92	20	154.01	219.83							
148		01:00:00	76.00			6619	21	552	1793	18.92	19	154.31	223.04	0	0.01	0.19	0.00	1.31		
149		01:30:00	76.50			6619	21	552	1793	18.92	20	154.01	226.25							
150		02:00:00	77.00			6619	21	552	1793	18.92	21	153.71	229.46	0	0.01	0.19	0.00	1.31		
151		02:30:00	77.50			6619	21	552	1793	18.92	21	153.71	232.66							
152		03:00:00	78.00			6619	21	552	1793	18.92	21	153.71	235.86	0	0.01	0.20	0.00	1.31		
153		03:30:00	78.50			6619	21	552	1793	18.92	21	153.71	239.07							
154		04:00:00	79.00			6619	21	552	1793	18.92	21	153.71	242.27	0	0.01	0.20	0.00	1.31		
155		04:30:00	79.50			6619	21	552	1793	18.92	21	153.71	245.47							

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³
Water 0.050 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
156	2001/03/06	05:00:00	80.00			6619	21	552	1793	18.92	21	153.71	248.67	0	0.01	0.21	0.00	1.31		
157		05:30:00	80.50			6619	21	552	1793	18.92	21	153.71	251.88							
158		06:00:00	81.00	12.70	60.33	6619	21	552	1793	18.92	21	153.71	255.08	0	0.01	0.21	0.00	1.31		
159				Cum Hrs. On Test = 40Hrs.																
160				Total Gas Flared = 255.08*10 ³ m ³ .																
161				Gas Flared In Last 24Hrs. = 155.64*10 ³ m ³ .																
162				Total Fluid Produced = 1.525m ³																
163				Total Water Produced = 1.31m ³																
164				Water Produced In Last 24Hrs. = 0.00m ³																
165				Total Oil Produced = 0.210m ³																
166				Oil Produced In Last 24Hrs. = 0.160m ³ , API = 52.2 @ 15.6°C																
167				H ₂ S = 13000ppm.																
168	2001/03/06	06:30:00	81.50	12.70	60.33	6619	21	552	1793	18.67	22	152.39	258.27							
169		07:00:00	82.00			6619	21	552	1793	18.67	22	152.39	261.44	0	0.01	0.22	0.00	1.31		
170		07:30:00	82.50			6619	21	552	1793	18.67	22	152.39	264.62							
171		08:00:00	83.00			6619	21	552	1793	18.67	22	152.39	267.79	0	0.00	0.22	0.00	1.31		
172		08:30:00	83.50			6619	21	552	1793	18.67	22	152.39	270.97							
173		09:00:00	84.00			6619	21	552	1793	18.67	22	152.39	274.14	0	0.01	0.22	0.00	1.31		
174		09:30:00	84.50			6619	21	552	1793	18.67	22	152.39	277.32							
175		10:00:00	85.00			6619	21	552	1793	18.67	22	152.39	280.49	0	0.00	0.22	0.00	1.31		
176		10:30:00	85.50			6619	21	552	1793	18.67	22	152.39	283.67							
177		11:00:00	86.00			6619	21	552	1793	18.67	22	152.39	286.84	0	0.01	0.23	0.00	1.31		
178		11:30:00	86.50			6654	21	552	1793	18.67	22	152.39	290.02							
179		12:00:00	87.00			6654	21	552	1793	18.67	22	152.39	293.19	0	0.00	0.23	0.00	1.31		
180				A.P.I. = 51.9 @ 15.6° C H ₂ s = 13,000ppm.																
181		12:30:00	87.50			6654	21	552	1793	18.92	24	152.82	296.37							
182		13:00:00	88.00			6654	21	552	1793	18.92	24	152.82	299.55	0	0.01	0.23	0.00	1.31		
183		13:30:00	88.50			6654	21	552	1793	18.92	24	152.82	302.74							
184		14:00:00	89.00			6654	21	552	1793	18.92	24	152.82	305.92	0	0.00	0.23	0.00	1.31		
185		14:30:00	89.50			6619	21	586	1793	18.92	24	152.82	309.11							
186		15:00:00	90.00			6619	21	586	1793	18.67	24	151.81	312.28	0	0.01	0.23	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas 153.128 Cum. 331.275 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
187	2001/03/06	15:30:00	90.50			6619	21	586	1793	18.67	24	151.81	315.44							
188		16:00:00	91.00			6619	21	621	1793	18.67	24	151.81	318.60	0	0.00	0.23	0.00	1.31		
189		16:30:00	91.50			6619	21	621	1793	18.67	24	151.81	321.77							
190		17:00:00	92.00			6619	21	621	1758	19.17	24	152.35	324.94	0	0.01	0.24	0.00	1.31		
191		17:30:00	92.50			6619	21	621	1758	19.17	24	152.35	328.11							
192		18:00:00	93.00	12.70	60.33	6619	21	621	1758	18.92	23	151.64	331.28	0	0.00	0.24	0.00	1.31		
193		18:30:00	93.50	12.70	60.33	6619	21	621	1758	18.92	23	151.64	334.43							
194		19:00:00	94.00			6619	21	621	1758	18.92	23	151.64	337.59	0	0.00	0.24	0.00	1.31		
195		19:30:00	94.50			6619	21	517	1758	18.92	23	151.64	340.75							
196		20:00:00	95.00			6550	21	517	1758	18.92	23	151.64	343.91	0	0.00	0.25	0.00	1.31		
197		20:30:00	95.50			6550	21	517	1758	18.92	23	151.64	347.07							
198		21:00:00	96.00			6550	21	517	1758	18.92	22	151.93	350.23	0	0.00	0.25	0.00	1.31		
199		21:30:00	96.50			6550	21	517	1758	18.92	22	151.93	353.40							
200		22:00:00	97.00			6550	21	517	1758	18.92	22	151.93	356.56	0	0.00	0.25	0.00	1.31		
201		22:30:00	97.50			6550	21	517	1758	18.92	22	151.93	359.73							
202		23:00:00	98.00			6550	21	517	1758	18.92	22	151.93	362.89	0	0.00	0.26	0.00	1.31		
203		23:30:00	98.50			6550	21	517	1758	18.92	22	151.93	366.06							
204	2001/03/07	00:00:00	99.00			6550	21	517	1758	18.92	22	151.93	369.22	0	0.00	0.26	0.00	1.31		
205				H ² S = 10000ppm , API = 51.3 @ 15.6°C.																
206		00:30:00	99.50			6550	21	517	1758	18.92	22	151.93	372.39							
207		01:00:00	100.00			6585	21	517	1758	18.92	22	151.93	375.55	0	0.00	0.26	0.00	1.31		
208		01:30:00	100.50			6585	21	517	1758	18.92	22	151.93	378.72							
209		02:00:00	101.00			6585	21	517	1758	18.68	22	150.96	381.88	0	0.00	0.26	0.00	1.31		
210		02:30:00	101.50			6585	21	517	1758	18.68	22	150.96	385.02							
211		03:00:00	102.00			6585	21	517	1758	18.68	22	150.96	388.17	0	0.00	0.27	0.00	1.31		
212		03:30:00	102.50			6585	21	517	1758	18.68	22	150.96	391.31							
213		04:00:00	103.00			6585	21	517	1758	18.68	22	150.96	394.46	0	0.00	0.27	0.00	1.31		
214		04:30:00	103.50			6585	21	552	1758	18.68	22	150.96	397.60							
215		05:00:00	104.00			6585	21	552	1758	18.68	22	150.96	400.75	0	0.01	0.27	0.00	1.31		
216		05:30:00	104.50			6585	21	552	1758	18.68	22	150.96	403.89							
217		06:00:00	105.00			6585	21	552	1758	18.68	22	150.96	407.04	0	0.00	0.28	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas	153.128	Cum.	331.275	10 ³ m ³
Water	0.000	Cum.	1.310	m ³
Condensate	0.000	Cum.	0.000	m ³

FieldNotes

Field Measurements

		Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water			
	Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity	
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm	
218	2001/03/07	06:30:00	105.50			6585	21	552	1758	18.92	22	151.93	410.19								
219		07:00:00	106.00			6585	21	552	1758	18.92	22	151.93	413.36	0	0.00	0.28	0.00	1.31			
220		07:30:00	106.50			6585	21	552	1758	18.92	22	151.93	416.52								
221		08:00:00	107.00			6585	21	552	1758	18.92	22	151.93	419.69	0	0.00	0.28	0.00	1.31			
222		08:30:00	107.50			6585	21	552	1758	18.92	22	151.93	422.85								
223		09:00:00	108.00			6585	21	552	1758	19.17	23	152.64	426.02	0	0.00	0.29	0.00	1.31			
224		09:30:00	108.50			6619	21	552	1758	19.17	23	152.64	429.20								
225		10:00:00	109.00			6619	21	586	1758	19.17	24	152.35	432.38	0	0.00	0.29	0.00	1.31			
226		10:30:00	109.50			6619	21	586	1758	19.17	24	152.35	435.55								
227		11:00:00	110.00			6619	21	621	1758	19.17	23	152.64	438.73	0	0.00	0.29	0.00	1.31			
228		11:30:00	110.50			6619	21	621	1758	19.17	23	152.64	441.91								
229		12:00:00	111.00			6619	21	621	1758	19.17	23	152.64	445.09	0	0.00	0.30	0.00	1.31			
230		12:30:00	111.50			6619	21	621	1758	18.92	22	151.93	448.26								
231		13:00:00	112.00			6619	21	621	1758	18.92	22	151.93	451.43	0	0.00	0.30	0.00	1.31			
232		13:30:00	112.50			6619	21	621	1758	18.92	22	151.93	454.59								
233		14:00:00	113.00			6619	21	621	1758	18.92	22	151.93	457.76	0	0.00	0.30	0.00	1.31			
234		14:30:00	113.50			6619	21	621	1758	18.92	22	151.93	460.93								
235		15:00:00	114.00			6619	21	621	1758	18.92	22	151.93	464.09	0	0.00	0.30	0.00	1.31			
236		15:30:00	114.50			6619	21	621	1758	19.17	22	152.93	467.27								
237		16:00:00	115.00			6585	21	621	1758	19.17	22	152.93	470.45	0	0.00	0.31	0.00	1.31			
238		16:30:00	115.50			6585	21	621	1758	19.17	22	152.93	473.64								
239		17:00:00	116.00			6585	21	621	1758	19.17	22	152.93	476.82	0	0.00	0.31	0.00	1.31			
240		17:30:00	116.50			6585	21	621	1758	19.17	22	152.93	480.01								
241		18:00:00	117.00	12.70	60.33	6585	21	621	1758	19.17	22	152.93	483.20	0	0.00	0.31	0.00	1.31			
242				Gas Flared in Last 24 Hrs. = 151.92*10 ³ m ³ .								Cum. Gas = 483.20*10 ³ m ³ .									
243				Water Produced in Last 24 Hrs. = 0.00 m ³								Cum. Water = 1.31 m ³									
244				Oil Produced in Last 24 Hrs. = 0.036 m ³								Cum. Oil = 0.313 m ³									
245				Cum. Fluid Produced = 1.623 m ³																	
246				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																	
247				Tubing Pressure High = 6619 kpa. Tubing Pressure Low = 6550 kpa.																	
248				Tubing Temp = 21° C																	

2001/03/06 18:00:00 To 2001/03/07 18:00:00

Gas 151.921 Cum. 483.197 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
249	2001/03/07					Choke Size = 12.70 mm Orifice Plate = 60.33 mm														
250						Gas Rate at 18:00 Hrs. = 152.93*10 ³ m ³ .														
251						Cum. Hrs. on Test = 76														
252		18:30:00	117.50	12.70	60.33	6585	21	621	1758	19.17	22	152.93	486.38							
253		19:00:00	118.00			6585	21	621	1758	19.17	22	152.93	489.57	0	0.00	0.31	0.00	1.31		
254		19:30:00	118.50			6550	21	621	1758	19.17	23	152.64	492.75							
255		20:00:00	119.00			6550	21	552	1758	19.17	23	152.64	495.93	0	0.01	0.32	0.00	1.31		
256		20:30:00	119.50			6550	21	552	1758	19.17	23	152.64	499.11							
257		21:00:00	120.00			6550	21	552	1758	19.17	23	152.64	502.29	0	0.01	0.32	0.00	1.31		
258		21:30:00	120.50			6550	21	552	1758	19.17	23	152.64	505.47							
259		22:00:00	121.00			6550	21	552	1758	18.92	23	151.64	508.64	0	0.00	0.33	0.00	1.31		
260		22:30:00	121.50			6550	21	552	1758	18.92	23	151.64	511.80							
261		23:00:00	122.00			6550	21	552	1758	18.92	23	151.64	514.96	0	0.01	0.33	0.00	1.31		
262		23:30:00	122.50			6585	21	552	1758	18.92	22	151.93	518.12							
263	2001/03/08	00:00:00	123.00			6585	21	552	1758	18.92	22	151.93	521.29	0	0.01	0.34	0.00	1.31		
264						H ² S = 7000ppm API = 51.1 @ 15.6°C														
265		00:30:00	123.50			6585	21	552	1758	18.92	22	151.93	524.45							
266		01:00:00	124.00			6585	21	552	1758	18.92	22	151.93	527.62	0	0.01	0.34	0.00	1.31		
267		01:30:00	124.50			6550	21	552	1758	18.92	22	151.93	530.78							
268		02:00:00	125.00			6550	21	552	1758	18.92	22	151.93	533.95	0	0.01	0.35	0.00	1.31		
269		02:30:00	125.50			6550	21	552	1758	18.92	22	151.93	537.11							
270		03:00:00	126.00			6550	21	552	1758	18.92	22	151.93	540.28	0	0.01	0.35	0.00	1.31		
271		03:30:00	126.50			6550	21	552	1758	18.92	22	151.93	543.44							
272		04:00:00	127.00			6550	21	552	1758	18.92	22	151.93	546.61	0	0.01	0.36	0.00	1.31		
273		04:30:00	127.50			6550	21	552	1758	18.92	22	151.93	549.77							
274		05:00:00	128.00			6550	21	552	1758	18.92	22	151.93	552.94	0	0.01	0.36	0.00	1.31		
275		05:30:00	128.50			6550	21	552	1758	18.92	22	151.93	556.10							
276		06:00:00	129.00			6550	21	552	1758	18.92	22	151.93	559.27	0	0.01	0.37	0.00	1.31		
277		06:30:00	129.50			6550	21	552	1758	18.92	22	151.93	562.43							
278		07:00:00	130.00			6550	21	552	1758	18.92	21	152.22	565.60	0	0.00	0.37	0.00	1.31		
279		07:30:00	130.50			6550	21	552	1758	18.92	21	152.22	568.77							

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas	152.176	Cum.	635.372	10 ³ m ³
Water	0.000	Cum.	1.310	m ³
Condensate	0.000	Cum.	0.000	m ³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
280	2001/03/08	08:00:00	131.00			6550	21	552	1758	18.92	21	152.22	571.95	0	0.00	0.37	0.00	1.31	
281		08:30:00	131.50			6550	21	552	1758	18.92	21	152.22	575.12						
282		09:00:00	132.00			6550	21	552	1758	18.92	21	152.22	578.29	0	0.00	0.37	0.00	1.31	
283		09:30:00	132.50			6550	21	552	1758	18.92	21	152.22	581.46						
284		10:00:00	133.00			6550	21	552	1758	18.92	21	152.22	584.63	0	0.00	0.38	0.00	1.31	
285		10:30:00	133.50			6550	21	552	1758	18.92	21	152.22	587.80						
286		11:00:00	134.00			6550	21	552	1758	18.92	21	152.22	590.97	0	0.00	0.38	0.00	1.31	
287		11:30:00	134.50			6550	21	552	1758	18.92	21	152.22	594.15						
288		12:00:00	135.00			6550	21	552	1758	18.92	21	152.22	597.32	0	0.00	0.38	0.00	1.31	
289				Gas Samples Taken From Meter Run, # 00021788, # 00017431															
290		12:30:00	135.50			6550	21	552	1758	18.92	21	152.22	600.49						
291		13:00:00	136.00			6550	21	552	1758	18.92	21	152.22	603.66	0	0.00	0.39	0.00	1.31	
292		13:30:00	136.50			6550	21	552	1758	18.92	21	152.22	606.83						
293		14:00:00	137.00			6550	21	552	1758	18.92	21	152.22	610.00	0	0.00	0.39	0.00	1.31	
294		14:30:00	137.50			6550	21	552	1758	18.92	21	152.22	613.17						
295		15:00:00	138.00			6550	21	552	1758	18.92	21	152.22	616.34	0	0.00	0.39	0.00	1.31	
296		15:30:00	138.50			6550	21	552	1758	18.92	21	152.22	619.52						
297		16:00:00	139.00			6550	21	553	1758	18.92	21	152.22	622.69	0	0.00	0.40	0.00	1.31	
298		16:30:00	139.50			6550	21	552	1758	18.92	21	152.22	625.86						
299		17:00:00	140.00			6550	21	552	1758	18.92	21	152.22	629.03	0	0.00	0.40	0.00	1.31	
300		17:30:00	140.50			6550	21	552	1758	18.92	21	152.22	632.20						
301		18:00:00	141.00	12.70	60.33	6550	21	552	1758	18.92	21	152.22	635.37	0	0.00	0.40	0.00	1.31	
302				Gas Flared in Last 24 Hrs. = 152.17*10 ³ m ³ . Cum. Gas = 635.37*10 ³ m ³ .															
303				Water Produced in Last 24 Hrs. = 0.00 m ³ Cum. Water = 1.31 m ³															
304				Oil Produced in Last 24 Hrs. = 0.089 m ³ Cum. Oil = 0.402 m ³															
305				Cum. Fluid Produced = 1.712 m ³															
306				Grindout = 100 % Oil A.P.I. = 52.2 @ 15.6° C															
307				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.															
308				Tubing Temp. = 21° C															
309				Choke Size = 12.70 mm Orifice Plate = 60.33 mm															
310				Gas Rate at 18:00 Hrs. = 152.22*10 ³ m ³ .															

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas 152.176 Cum. 635.372 10³m³
Water 0.000 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
311	2001/03/08				Cum. Hrs. on Test = 100														
312		18:30:00	141.50	12.70	60.33	6550	21	552	1758	18.92	20	152.52	638.55						
313		19:00:00	142.00			6550	21	552	1758	18.92	20	152.52	641.72	0	0.00	0.41	0.00	1.31	
314		19:30:00	142.50			6550	21	552	1758	18.92	20	152.52	644.90						
315		20:00:00	143.00			6550	21	552	1758	18.92	21	152.22	648.08	0	0.00	0.41	0.00	1.31	
316		20:30:00	143.50			6550	21	552	1758	18.92	21	152.22	651.25						
317		21:00:00	144.00			6550	21	552	1758	18.92	21	152.22	654.42	0	0.00	0.41	0.00	1.31	
318		21:30:00	144.50			6550	21	552	1758	18.92	21	152.22	657.59						
319		22:00:00	145.00			6550	21	552	1758	18.92	21	152.22	660.76	0	0.00	0.41	0.00	1.31	
320		22:30:00	145.50			6550	21	552	1758	18.92	21	152.22	663.93						
321		23:00:00	146.00			6550	21	552	1758	18.92	21	152.22	667.10	0	0.00	0.42	0.00	1.31	
322		23:30:00	146.50			6550	21	552	1758	18.92	21	152.22	670.28						
323	2001/03/09	00:00:00	147.00			6550	21	552	1758	18.68	21	151.25	673.44	0	0.00	0.42	0.00	1.31	
324				H ² S = 7000ppm API = 51.1 @ 15.6°C															
325		00:30:00	147.50			6550	21	552	1758	18.68	21	151.25	676.59						
326		01:00:00	148.00			6550	21	552	1758	18.68	21	151.25	679.74	0	0.01	0.42	0.00	1.31	
327		01:30:00	148.50			6550	21	552	1758	18.68	21	151.25	682.89						
328		02:00:00	149.00			6550	21	552	1758	18.68	21	151.25	686.04	0	0.01	0.43	0.00	1.31	
329		02:30:00	149.50			6550	21	552	1758	18.68	21	151.25	689.19						
330		03:00:00	150.00			6550	21	552	1758	18.68	21	151.25	692.34	0	0.01	0.44	0.00	1.31	
331		03:30:00	150.50			6550	21	552	1758	18.68	20	151.55	695.50						
332		04:00:00	151.00			6550	21	552	1758	18.68	20	151.55	698.66	0	0.01	0.44	0.00	1.31	
333		04:30:00	151.50			6550	21	552	1758	18.68	20	151.55	701.81						
334		05:00:00	152.00			6550	21	552	1758	18.68	20	151.55	704.97	0	0.01	0.45	0.00	1.31	
335		05:30:00	152.50			6550	21	552	1758	18.68	20	151.55	708.13						
336		06:00:00	153.00			6550	21	552	1758	18.68	20	151.55	711.28	0	0.01	0.45	0.00	1.31	
337				H ² S = 7000ppm API = 51 @ 15.6°C															
338		06:30:00	153.50			6550	21	552	1758	18.68	20	151.55	714.44						
339		07:00:00	154.00			6550	21	552	1758	18.68	20	151.55	717.60	0	0.01	0.46	0.00	1.31	
340		07:30:00	154.50			6550	21	552	1758	18.68	20	151.55	720.76						
341		08:00:00	155.00			6550	21	552	1758	18.68	20	151.55	723.91	0	0.01	0.46	0.00	1.31	

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas	151.748	Cum.	787.121	10 ³ m ³
Water	0.000	Cum.	1.310	m ³
Condensate	0.000	Cum.	0.000	m ³

FieldNotes

Field Measurements

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
342	2001/03/09	08:30:00	155.50			6550	21	552	1758	18.68	20	151.55	727.07						
343		09:00:00	156.00			6550	21	552	1758	18.68	20	151.55	730.23	0	0.01	0.46	0.00	1.31	
344		09:30:00	156.50			6550	21	552	1758	18.68	21	151.25	733.38						
345		10:00:00	157.00			6550	21	552	1758	18.68	21	151.25	736.53	0	0.01	0.47	0.00	1.31	
346		10:30:00	157.50			6550	21	552	1758	18.68	22	150.96	739.68						
347		11:00:00	158.00			6550	21	552	1758	18.68	22	150.96	742.83	0	0.00	0.47	0.00	1.31	
348		11:30:00	158.50			6585	21	586	1758	18.92	24	151.35	745.97						
349		12:00:00	159.00			6585	21	586	1758	18.92	24	151.35	749.13	0	0.00	0.48	0.00	1.31	
350		12:30:00	159.50			6585	21	586	1758	18.92	24	151.35	752.28						
351		13:00:00	160.00			6585	21	586	1758	18.92	24	151.35	755.43	0	0.00	0.48	0.00	1.31	
352		13:30:00	160.50			6585	21	586	1758	18.92	24	151.35	758.59						
353		14:00:00	161.00			6586	21	586	1758	18.92	24	151.35	761.74	0	0.00	0.48	0.00	1.31	
354		14:30:00	161.50			6550	21	586	1758	19.17	24	152.35	764.90						
355		15:00:00	162.00			6550	21	586	1758	19.17	24	152.35	768.08	0	0.00	0.49	0.00	1.31	
356		15:30:00	162.50			6550	21	586	1758	19.17	24	152.35	771.25						
357		16:00:00	163.00			6550	21	586	1758	19.17	24	152.35	774.43	0	0.00	0.49	0.00	1.31	
358		16:30:00	163.50			6550	21	586	1758	19.17	24	152.35	777.60						
359		17:00:00	164.00			6550	21	586	1758	19.17	24	152.35	780.77	0	0.00	0.49	0.00	1.31	
360		17:30:00	164.50			6550	21	586	1758	19.17	24	152.35	783.95						
361		18:00:00	165.00	12.70	60.33	6550	21	586	1758	19.17	24	152.35	787.12	0	0.00	0.49	0.00	1.31	
362				Gas Flared in Last 24 Hrs. = 151.95*10 ³ m ³ . Cum. Gas = 787.12*10 ³ m ³ .															
363				Water Produced in Last 24 = 0.00 m ³ Cum. Water = 1.31 m ³															
364				Oil Produced in Last 24 Hrs. = 0.092 m ³ Cum. Oil = 0.494 m ³															
365				Cum. Fluid Produced = 1.804 m ³															
366				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C															
367				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.															
368				Tubing Temp = 21° C H ² s = 0.8 %															
369				Gas Rate at 18:00 Hrs. = 152.35*10 ³ m ³ .															
370				Choke Size = 12.70 mm Orifice Plate = 60.33 mm															
371				Cum. Hrs. = 124															
372		18:30:00	165.50	12.70	60.33	6550	21	586	1758	19.17	24	152.35	790.29						

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas 151.748 Cum. 787.121 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
373	2001/03/09	19:00:00	166.00			6550	21	586	1758	19.17	24	152.35	793.47	0	0.00	0.50	0.00	1.31		
374		19:30:00	166.50			6550	21	586	1758	19.17	24	152.35	796.64							
375		20:00:00	167.00			6550	21	586	1758	19.17	24	152.35	799.82	0	0.00	0.50	0.00	1.31		
376		20:30:00	167.50			6550	21	586	1758	19.17	24	152.35	802.99							
377		21:00:00	168.00			6550	21	586	1758	19.17	24	152.35	806.16	0	0.00	0.50	0.00	1.31		
378		21:30:00	168.50			6550	21	586	1758	19.17	24	152.35	809.34							
379		22:00:00	169.00			6550	21	586	1758	19.17	24	152.35	812.51	0	0.00	0.51	0.00	1.31		
380		22:30:00	169.50			6550	21	586	1758	19.17	24	152.35	815.69							
381		23:00:00	170.00			6550	21	586	1758	19.17	24	152.35	818.86	0	0.00	0.51	0.00	1.31		
382		23:30:00	170.50			6550	21	586	1758	19.17	24	152.35	822.03							
383	2001/03/10	00:00:00	171.00			6550	21	586	1758	18.68	22	150.96	825.19	0	0.00	0.51	0.00	1.31		
384				H ² S = 7000ppm API = 51.2 @ 15.6°C																
385		00:30:00	171.50			6550	21	586	1758	18.68	22	150.96	828.34							
386		01:00:00	172.00			6550	21	586	1758	18.68	22	150.96	831.48	0	0.00	0.52	0.00	1.31		
387		01:30:00	172.50			6550	21	586	1758	18.68	22	150.96	834.63							
388		02:00:00	173.00			6550	21	586	1758	18.68	22	150.96	837.77	0	0.00	0.52	0.00	1.31		
389		02:30:00	173.50			6550	21	586	1758	18.68	22	150.96	840.92							
390		03:00:00	174.00			6550	21	586	1758	18.68	22	150.96	844.06	0	0.00	0.52	0.00	1.31		
391		03:30:00	174.50			6550	21	586	1758	18.68	22	150.96	847.21							
392		04:00:00	175.00			6550	21	586	1758	18.68	22	150.96	850.35	0	0.00	0.52	0.00	1.31		
393		04:30:00	175.50			6550	21	586	1758	18.68	22	150.96	853.50							
394		05:00:00	176.00			6550	21	586	1758	18.68	22	150.96	856.64	0	0.00	0.53	0.00	1.31		
395		05:30:00	176.50			6550	21	586	1758	18.68	22	150.96	859.79							
396		06:00:00	177.00			6550	21	586	1758	18.68	22	150.96	862.93	0	0.00	0.53	0.00	1.31		
397		06:30:00	177.50			6550	21	586	1758	18.68	22	150.96	866.08							
398		07:00:00	178.00			6550	21	586	1758	18.68	22	150.96	869.22	0	0.01	0.54	0.00	1.31		
399		07:30:00	178.50			6550	21	586	1758	18.68	22	150.96	872.37							
400		08:00:00	179.00			6550	21	586	1758	18.68	22	150.96	875.51	0	0.01	0.54	0.00	1.31		
401		08:30:00	179.50			6550	21	586	1758	18.68	22	150.96	878.66							
402		09:00:00	180.00			6550	21	586	1758	18.68	22	150.96	881.80	0	0.01	0.55	0.00	1.31		
403		09:30:00	180.50			6550	21	586	1758	18.68	22	150.96	884.95							

2001/03/09 18:00:00 To 2001/03/10 14:00:00

Gas 100.973 Cum. 888.094 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
404	2001/03/10	10:00:00	181.00	12.70	60.33	6550	21	586	1758	18.68	22	150.96	888.09	0	0.01	0.55	0.00	1.31	
405		10:01:00	181.02		0.00				0	0.00	0	0.00	888.09						
406		10:01:00	181.02	Shut in Well, Record Build up. Start to Rig out Equipment.															
407		10:05:00	181.08			7998													
408		10:10:00	181.17			8274													
409		10:15:00	181.25			8343													
410		10:30:00	181.50			8377													
411		10:45:00	181.75			8446													
412		11:00:00	182.00			8481													
413		11:30:00	182.50			8515													
414		12:00:00	183.00			8515													
415		12:30:00	183.50			8515													
416		13:00:00	184.00			8550													
417		13:30:00	184.50			8550													
418		14:00:00	185.00			8584													
419				End of Build ups.															
420				DAY SUMMARY															
421				Gas Flared in Last 16 Hrs. = 100.97*10 ³ m ³ .															
422				Water Produced in Last 16 Hrs. = 0.00 m ³															
423				Oil Produced in Last 16 Hrs. = 0.056 m ³															
424				Tubing Pressure High = 6550 kpa Tubing Pressure Low = 6550 kpa															
425																			
426				JOB SUMMARY:															
427				Cum. Gas Flared = 888.09*10 ³ m ³ .															
428				Cum. Water Produced = 1.31 m ³															
429				Cum. Oil Produced = 0.550 m ³															
430				Cum. Fluid Produced = 1.860 m ³															
431				Grindout = 100% Oil A.P.I. = 52.2 @ 15.6° C															
432				Tubing Temp = 21° C H ₂ s = 0.8 %															
433				Gas Rate at Shut in = 150.96*10 ³ m ³ .															
434				Choke Size = 12.70 mm Orifice Plate = 60.33 mm															

PARAMOUNT RESOURCES LTD.

3/300—/

Start Date: 2001/03/03

Final Test Date: 2001/03/10

FieldNotes

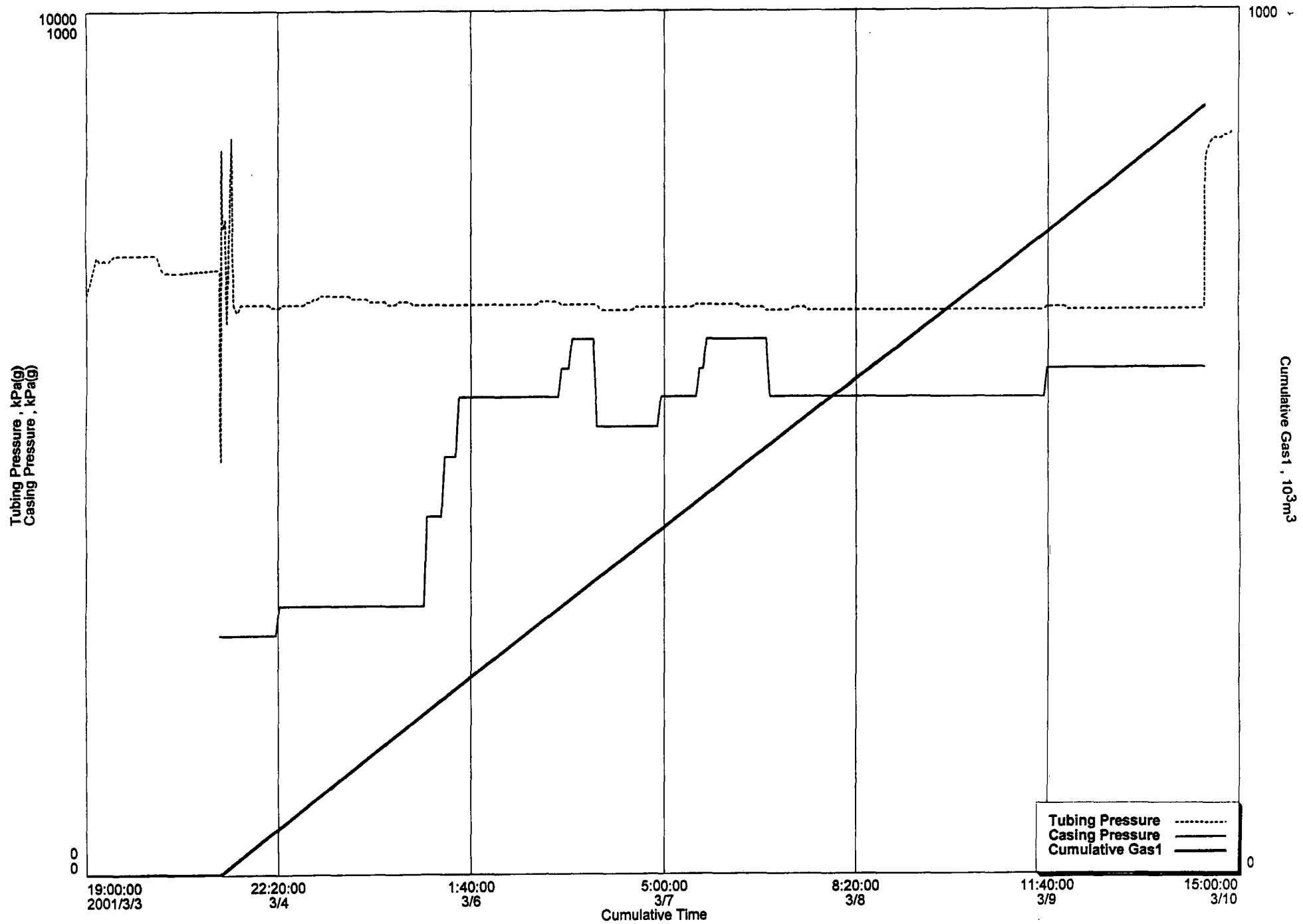
Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
435	2001/03/10				Cum. Hrs. on Test = 148.0														

PARAMOUNT RESOURCES LTD.
3/300—/
Start Date: 2001/03/03
Final Test Date: 2001/03/10

Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066



AGAT[®] Laboratories



GAS ANALYSIS

Container Identification 17865E		Laboratory Number GE70314E	
Operator Name PARAMOUNT RESOURCES LTD.			
Unique Well Identifier NOT AVAILABLE	Well Name A73 PARAMOUNT et al SWEDE	Elevation KB m 679.60 GRD m 675.60	
Field or Area SWEDE	Pool or Zone SLAVE POINT Sulphur Point	Sampler's Company SOLID PRODUCTION SERVICES	
Test Type	Test No.	Name of Sampler	
Test Interval or Perfs		Sampling Point METER RUN	
		Separator	Reservoir
		Pressure (kPa)	Source
		Temperature (°C)	Sampled
			Received
Date Sampled Mar 04, 2001	Date Received Mar 30, 2001	Date Reported Apr 09, 2001	Analyst PL
Other Information FIELD H2S 1.2%			

COMP	MOLE FRACTION		PETROLEUM LIQUID mL · m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0000	0.0000	
He	0.0010	0.0011	
N2	0.0173	0.0184	
CO2	0.0471	0.0000	
H2S	0.0120	0.0000	
C1	0.8965	0.9529	
C2	0.0134	0.0142	
C3	0.0065	0.0069	23.9
IC4	0.0011	0.0012	4.8
NC4	0.0024	0.0026	10.1
IC5	0.0007	0.0007	3.4
IC5	0.0007	0.0007	3.4
C6	0.0007	0.0007	3.8
C7+	0.0006	0.0006	3.8
Total	1.0000	1.0000	53.2

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

Air Free As Received	Moisture & Acid Gas Free
36.56	38.51

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.638	0.586

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.1	4571	193.7

RELATIVE MOLECULAR MASS

Total Gas	C7+
18.5	102.5

VAPOUR PRESSURE
(Pentanes +)

75.46 kPa

H₂S g/m³

17.26

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone Information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.



AGAT[®] Laboratories



GAS ANALYSIS

Container Identification

21788F

Laboratory Number

GE70314F

Operator Name

PARAMOUNT RESOURCES LTD.

Unique Well Identifier

NOT AVAILABLE

Well Name

A73 PARAMOUNT et al SWEDE

Elevation

KB m 679.60 GRD m 675.60

Field or Area

SWEDE

Pool or Zone

~~SEAVE POINT~~
Sulphur Point

Sampler's Company

SAME

Test Type

Test No.

Test Recovery

Name of Sampler

Test Interval or Perfs

Sampling Point

METER RUN

Separator

Reservoir

Source

Sampled

Received

Pressure (kPa)

1708

1708

1300

Temperature (°C)

21

21

21

Date Sampled

Mar 08, 2001

Date Received

Mar 30, 2001

Date Reported

Apr 09, 2001

Analyst

PL

Other Information

FIELD H₂S 0.8% LAB H₂S 1.26%

COMP	MOLE FRACTION		PETROLEUM LIQUID mL · m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0007	0.0007	
He	0.0009	0.0010	
N ₂	0.0151	0.0160	
CO ₂	0.0457	0.0000	
H ₂ S	0.0126	0.0000	
C ₁	0.8993	0.9552	
C ₂	0.0133	0.0141	
C ₃	0.0066	0.0070	24.2
IC ₄	0.0010	0.0011	4.4
NC ₄	0.0024	0.0025	10.1
IC ₅	0.0007	0.0007	3.4
IC ₅	0.0007	0.0007	3.4
C ₆	0.0006	0.0006	3.3
C ₇₊	0.0004	0.0004	2.5
Total	1.0000	1.0000	51.3

GROSS HEATING VALUE MJ/m³

15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free
36.62	38.52

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.634	0.584

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.0	4573	193.6

RELATIVE MOLECULAR MASS

Total Gas	C ₇₊
18.4	100.2

VAPOUR PRESSURE

(Pentanes +)

H₂S g/m³

82.84 kPa

18.13

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.



SOLID PRODUCTION SERVICES PRE-JOB/SAFETY SUMMARY

Company: Paramount Resources

Location: A-73

Start Date: 03/01/01

Company Rep: John Wright

Directions to Lease: North on Hwy 35 to 1 km before Indian Cabins, turn west until you cross railroad tracks, first right at y, keep right to gates, 5-6 km to second y, right to km 32, right 8 km, right into CAMP.

Phone Numbers

Company Rep

Day Supervisor

Night Supervisor

Safety Supervisor

RCMP

Hospital

Air Ambulance

OHS

Office

John Wright

780-955-7525

780-926-2226

780-926-3791

780-926-3791

Mobile

403-997-2295

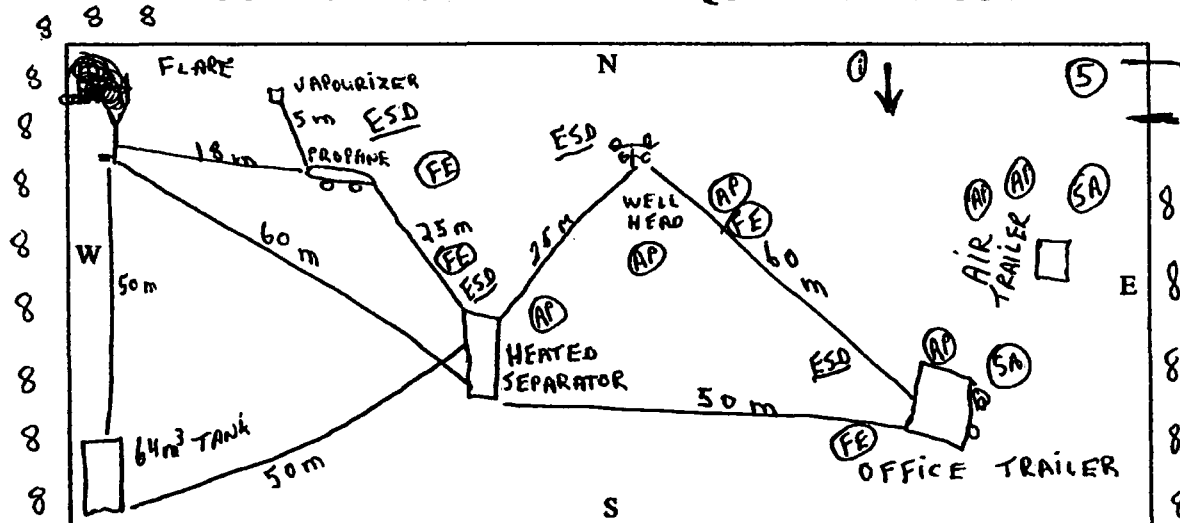
600-700-3575

Motel

Pre-Job Discussion

Safety procedure in opening sour gas wells.

LOCATION ASSESSMENT AND EQUIPMENT LAYOUT



Please note the following on your diagram:

- 1) Prevailing Wind Direction
- 2) All Sumps or Spills
- 3) ESD Locations ESD
- 4) Fire Extinguishers FE
- 5) Emergency Exit

- 6) Air Pack Locations AP
- 7) Safe Area SA
- 8) Tree Line
- 9) Distances in Meters

**SOLID PRODUCTION SERVICES
PRE-JOB/SAFETY SUMMARY con't**

	H2S	First Aid	CPR	WHMIS	TDGR
<u>Allen Townsend</u> Senior Supervisor	☒	☒	☒	☒	☒
<u>Paul Lemay</u> Night Supervisor	☒	☒	☒	☐	☐
_____ Day Operator	☐	☐	☐	☐	☐
_____ Night Operator	☐	☐	☐	☐	☐
<u>Cory Slusarchuk</u> Day Assistant	☒	☒	☐	☐	☐
<u>Jason Lemay</u> Night Assistant	☒	☒	☐	☐	☐

Company Rep - Personnel and Equipment Checklist

Personnel

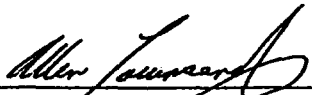
	Poor	Fair	Good	Excellent
Knowledge	☐	☐	☒	☐
Conduct	☐	☐	☐	☒

Equipment

	Poor	Fair	Good	Excellent
Condition	☐	☐	☐	☒
Performance	☐	☐	☐	☒
Cleanliness	☐	☐	☒	☐

Company Rep Comments

COMPANY REPRESENTATIVE


SOLID SENIOR SUPERVISOR

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources

JOB #: 066

LOCATION: A-73

FIELD:

OPERATED BY:

SAMPLE DATE: Mar. 4 /2001

TIME: 1800 hrs.

FLOW RATE #: 151.78 10³m³

FORMATION NAME AND ZONE: Slave Point

Sulphur Point

**SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412**

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00018206</u>	<u>1793 kpa</u>	<u>25°C</u>
	2. <u>00017865</u>	<u>1793kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u>Plastic</u>	<u> </u>	
	2. <u>Plastic</u>	<u> </u>	

STOCK TANK SAMPLES (WATER): 1
NO. OF SAMPLES (OIL OR CONDENSATE): 1

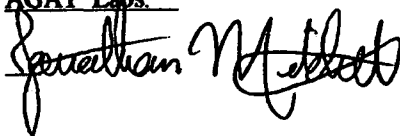
PRODUCTION RATES: GAS E3M[^]3/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6619 kpa
CASING
SEPARATOR 1793 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:



DATE:

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources

JOB #: 066

LOCATION: A-73

FIELD:

OPERATED BY:

SAMPLE DATE: Mar. 8 /2001

TIME: 1200 hrs.

FLOW RATE #: 150.48 10³m³

FORMATION NAME AND ZONE: Slave Point

Sulphur Point

SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00021788</u>	<u>1758 kpa</u>	<u>25°C</u>
	2. <u>00017431</u>	<u>1758kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	

STOCK TANK SAMPLES (WATER):
NO. OF SAMPLES (OIL OR CONDENSATE):

PRODUCTION RATES: GAS E3M[^]3/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6550 kpa
CASING
SEPARATOR 1758 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:

Jonathan M. J. [Signature]

DATE:

PARAMOUNT RESOURCES LTD.

PARA et al CAMERON

A-73

A-73

SULPHUR POINT

MAR 03-10, 2001

Well Test Data

Contact

GRANT HARTER
Well Testing Manager

Nisku: (780) 955-7525

GENERAL INFORMATION

Client Information:

Company: PARAMOUNT RESOURCES LTD.

Contact: PARAMOUNT RESOURCES LTD.

Phone: 403-997-2295 Fax: e-mail:

Site Information:

Contact: JOHN WRIGHT

Phone: 403-997-2295 Fax: e-mail:

Well Information:

Name: PARA et al CAMERON A-73

Operator: PARAMOUNT RESOURCES LTD.

Location-Downhole: A-73

Location-Surface: A-73

Test Information:

Company: SOLID PRODUCTION SERVICES LTD.

Representative: GRANT HARTER

Supervisor: ALLEN TOWNSEND

Test Type: SINGLE POINT TEST Job Number: 066

Test Unit: HTU-05

Start Date: 2001/03/03 Start Time: 20:30:00

End Date: 2001/03/10 End Time: 10:01:00

Report Date: 2001/04/09 Prepared By: LAURA D. DOMINICK

Remarks: Qualified By:

Location-A-73

WELL INFORMATION

Well Name : PARA et al CAMERON A-73

Well Operator : PARAMOUNT RESOURCES LTD.

Well Location : A-73

Location-Surface : A-73

Field : SWEDE

Well Type : Vertical

Pool : UNDEFINED

Formation : SULPHUR POINT

Perforation Type :			Producing Through : Tubing	Size	73.00mm
Pool Datum	m	KB	Elevation Referenced From	679.60m	KB
Datum Depth	m	KB	Elevation Referenced To	675.60m	GL
			Offset	4.00m	

Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

From -	m	To -	m	Depth -	m	Pressure -	kPa
1.	1369.00	1370.50		1.	1369.75		
2.				2.			
3.				3.			
4.				4.			
5.				5.			
6.				6.			
7.				7.			
8.				8.			
9.				9.			
10.				10.			
11.				11.			
12.				12.			

Remarks :

PARAMOUNT RESOURCES LTD.
A-73
Start Date: 2001/03/03
Final Test Date: 2001/03/10

FieldNotes METER REPORT

PARA et al CAMERON A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

Gas Meter 1

Meter Type:	Orifice Meter
Meter Size:	102.30 mm
Previous Gas Production:	0.000 10 ³ m ³
Tap Type:	Flange
Tap Location:	Downstream
Gas Gravity (G):	0.634
CO ₂ :	4.57 %
H ₂ S:	1.26 %
N ₂ :	1.51 %
Critical Temperature (T _C):	201.20 K
Critical Pressure (P _C):	4632.80 kPa

Water Meter 1

Meter Type:	Produced Volume
Measurement type:	Incremental
Columns for Produced Volume:	
Previous Water Production:	0.000 m ³

Condensate Meter 1

Meter Type:	Measured Level
Measurement Type:	Cumulative
Columns for Measured Level:	
Previous Condensate Production:	0.000 m ³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
1	2001/03/02	21:00:00	0.00	Arrive on Location, Spot Equipment, Return to Camp.																
2	2001/03/02	21:00:00	0.00		0.00	0			0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
3	2001/03/03	08:00:00	11.00	Arrive on Location, Start to Rig in Equipment.																
4		12:00:00	15.00	Drive to Camp, Load Propane, Drive Back to Location.																
5		15:30:00	18.50	Rig in Propane With Vapourizer.																
6		17:30:00	20.50	Wire Line on Location to Pull Plug.																
7		19:00:00	22.00	Water Truck on Location, Fill Heater and Pre-Heat.																
8		19:30:00	22.50	Unable to Pull Plug, Wire Line Rigged Off.																
9		20:00:00	23.00	Pump Methanol Down Tubing Over Night, Record Pressure.																
10		20:00:00	23.00	Gas Sample Taken by GasTec 11,000 ppm.																
11		20:30:00	23.50			7190														
12		21:00:00	24.00			7120														
13		21:30:00	24.50			7150														
14		22:00:00	25.00			7120														
15		22:30:00	25.50			7160														
16		23:00:00	26.00			7205														
17		23:30:00	26.50			7205														
18	2001/03/04	00:00:00	27.00			7205														
19		00:30:00	27.50			7205														
20		01:00:00	28.00			7205														
21		01:30:00	28.50			7205														
22		02:00:00	29.00			7205														
23		02:30:00	29.50			7205														
24		03:00:00	30.00			7205														
25		03:30:00	30.50			7205														
26		04:00:00	31.00			7205														
27		04:30:00	31.50			7205														
28		05:00:00	32.00			7205														
29		05:30:00	32.50			7067														
30		06:00:00	33.00			6998														
31				0.22m ³ of Methanol Pumped Down Tubing Over Night.																

2001/03/02 21:00:00 To 2001/03/03 19:00:00

Gas 0.000 Cum. 0.000 10³m³Water 0.000 Cum. 0.000 m³Condensate 0.000 Cum. 0.000 m³

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
32	2001/03/04	06:30:00	33.50			6998														
33		07:00:00	34.00			6998														
34				Rig in to 64m ³ Tank.																
35		07:30:00	34.50			6998														
36		08:00:00	35.00			6998														
37				Wire Line on Location to pull plug and set Recorders.																
38		11:55:00	38.92	Recorders set at 1368m																
39		12:00:00	39.00	Rig Flow Line into Tubing With E.S.D. Valve.																
40		13:00:00	40.00	Hold Safety Meeting, Discuss Objectives. H ₂ s = 11000ppm.																
41		13:30:00	40.50	Separator Purged With Propane.																
42		13:55:00	40.92	Pressure Test up to Choke. OK.																
43		14:00:00	41.00	Open Well to Flow Tubing Through a 7.93 mm Adjustable Choke.																
44		14:00:00	41.00		0.00				0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
45		14:00:00	41.00	7.93		7033		276												
46		14:05:00	41.08			5102		276												
47		14:10:00	41.17			4758		276												
48		14:12:00	41.20	Fluid to Surface, Plug in 64 m ³ Tank Missing, Shut in Well and Repair.																
49		14:15:00	41.25			8412		276						100	0.00	0.00	0.18	0.18		
50		14:15:00	41.25	Open Well on a 7.93mm Choke.																
51		14:20:00	41.33	7.93		7688		276												
52		14:25:00	41.42			7584		276												
53		14:30:00	41.50			7516		276						100	0.00	0.00	0.22	0.40		
54		14:40:00	41.67	Adjust Choke to 9.52mm																
55		14:45:00	41.75	9.52		7619		276												
56		14:45:00	41.75	Adjust Choke to 11.11mm																
57		15:00:00	42.00			6412		276												
58		15:00:00	42.00	Adjust Choke to 12.70mm																
59		15:25:00	42.42	Slug of Fluid at Surface, Dumps Unable to Keep up, Shut in Well to Clear Lines.																
60		15:30:00	42.50	Grind Out of Fluid = Water/Methanol/Emulsion Mix. Unable to Measure Salinity or PH.																
61		15:40:00	42.67			8550		276						100	0.00	0.00	0.68	1.22		
62		15:40:00	42.67	Re-Open on a 9.52mm Choke.																

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas 25.577 Cum. 25.577 10³m³
 Water 1.260 Cum. 1.260 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
63	2001/03/04	15:45:00	42.75	9.52		8033		276												
64		15:50:00	42.83	Adjust Choke to 11.11mm																
65		15:50:00	42.83			7171		276												
66		15:55:00	42.92	Adjust Choke to 12.70mm																
67		15:58:00	42.97	Meter in Service With a 60.33mm Orifice Plate.																
68		16:00:00	43.00	12.70	60.33	6619	9	276	1758	18.92	10	155.60	12.97	100	0.00	0.00	0.03	1.25		
69				Increase Heater Temp.																
70		16:30:00	43.50			6516	10	276	1724	18.42	16	150.22	16.15							
71				Pumping Methanol Across Choke.																
72		17:00:00	44.00			6619	10	276	1724	18.92	24	149.90	19.28		0.00	0.00	0.00	1.25		
73		17:30:00	44.50			6619	10	276	1724	19.17	25	150.60	22.41							
74		18:00:00	45.00			6619	10	276	1793	19.17	25	153.54	25.58	100	0.00	0.00	0.01	1.26		
75				Gas Samples Obtained From Meter Run. # 00018206 # 00017865																
76		18:30:00	45.50			6619	10	276	1793	19.17	25	153.54	28.78							
77		19:00:00	46.00			6619	10	276	1793	18.92	25	152.53	31.96	100	0.00	0.00	0.01	1.27		
78		19:30:00	46.50			6619	11	276	1793	18.92	25	152.53	35.14							
79		20:00:00	47.00	12.70	60.33	6619	12	276	1793	18.92	25	152.53	38.32	100	0.00	0.00	0.01	1.28		
80		20:30:00	47.50			6619	14	276	1793	18.92	25	152.53	41.50							
81		21:00:00	48.00			6619	14	276	1793	18.67	25	151.52	44.66		0.00	0.00	0.00	1.28		
82		21:30:00	48.50			6585	14	276	1793	18.67	26	151.23	47.82							
83		22:00:00	49.00			6585	14	276	1793	18.67	26	151.23	50.97	100	0.00	0.00	0.01	1.29	8	19556
84				Grind Out of Fluid = 100 % H ₂ O Salinity = 19,556 ppm. PH = 8																
85		22:30:00	49.50			6585	14	310	1793	18.67	27	150.94	54.12							
86		23:00:00	50.00			6619	16	310	1793	18.67	27	150.94	57.26	100	0.00	0.00	0.01	1.30	8	19556
87		23:30:00	50.50			6619	17	310	1793	18.67	27	150.94	60.41							
88	2001/03/05	00:00:00	51.00			6619	17	310	1793	18.67	27	150.94	63.55	100	0.00	0.00	0.01	1.31	8	19556
89				H ₂ s = 14000ppm.(Gastec)																
90		00:30:00	51.50			6619	17	310	1793	18.67	27	150.94	66.69							
91		01:00:00	52.00			6619	17	310	1793	18.67	27	150.94	69.84		0.00	0.00	0.00	1.31		
92		01:30:00	52.50			6619	17	310	1793	18.67	27	150.94	72.98							
93		02:00:00	53.00			6619	17	310	1793	18.67	27	150.94	76.13		0.00	0.00	0.00	1.31		

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas 25.577 Cum. 25.577 10³m³Water 1.260 Cum. 1.260 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
94	2001/03/05				Condensate at Surface. Grindout = 100 % Oil														
95		02:30:00	53.50		6654	17	310	1793	18.92	28	151.67	79.28							
96		03:00:00	54.00		6654	18	310	1793	18.92	28	151.67	82.44	0	0.01	0.01	0.00	1.31		
97		03:30:00	54.50		6688	18	310	1793	18.92	28	151.67	85.60							
98		04:00:00	55.00		6688	18	310	1793	18.92	28	151.67	88.76	0	0.01	0.02	0.00	1.31		
99		04:30:00	55.50		6723	18	310	1793	18.92	28	151.67	91.92							
100		05:00:00	56.00		6723	18	310	1793	19.17	28	152.67	95.09	0	0.01	0.03	0.00	1.31		
101		05:30:00	56.50		6723	19	310	1793	19.17	29	152.38	98.27							
102		06:00:00	57.00	12.70	60.33	6723	19	310	1793	19.17	29	152.38	101.44	0	0.02	0.05	0.00	1.31	
103					Cum.Hrs on Test = 16														
104					Gas Flared in Last 16 Hrs. = 101.44*10 ³ m ³														
105					Water Produced = 1.31 m ³ Salinity = 19,556 ppm. PH = 8														
106					Oil Produced = 0.050 m ³ A.P.I. = 51.1 @ 15.6° C														
107					Choke Size = 12.70 mm														
108					Orifice Plate = 60.33 mm														
109		06:30:00	57.50	12.70	60.33	6723	19	310	1793	19.17	29	152.38	104.62						
110		07:00:00	58.00			6723	19	310	1793	19.17	28	152.67	107.80	0	0.01	0.06	0.00	1.31	
111		07:30:00	58.50			6723	19	310	1793	19.17	28	152.67	110.98						
112		08:00:00	59.00			6723	19	310	1793	19.17	27	152.96	114.16	0	0.00	0.06	0.00	1.31	
113		08:30:00	59.50			6723	19	310	1793	19.17	27	152.96	117.35						
114		09:00:00	60.00			6688	19	310	1793	19.17	25	153.54	120.54	0	0.01	0.07	0.00	1.31	
115		09:30:00	60.50			6688	19	310	1793	19.17	24	153.83	123.74						
116		10:00:00	61.00			6688	19	310	1793	19.17	24	153.83	126.95	0	0.00	0.07	0.00	1.31	
117		10:30:00	61.50			6688	19	310	1793	18.92	23	153.12	130.14						
118		11:00:00	62.00			6688	20	310	1793	18.92	23	153.12	133.33	0	0.01	0.08	0.00	1.31	
119		11:30:00	62.50			6654	20	310	1793	18.92	22	153.41	136.53						
120		12:00:00	63.00			6654	20	310	1793	18.92	22	153.41	139.72	0	0.00	0.08	0.00	1.31	
121		12:30:00	63.50			6654	20	310	1793	18.92	21	153.71	142.92						
122		13:00:00	64.00			6654	20	310	1793	18.92	21	153.71	146.12	0	0.01	0.09	0.00	1.31	
123		13:30:00	64.50			6654	20	310	1793	18.92	21	153.71	149.33						
124		14:00:00	65.00			6619	20	310	1793	18.92	21	153.71	152.53	0	0.01	0.10	0.00	1.31	

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³
 Water 0.050 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
125	2001/03/05	14:30:00	65.50			6619	20	310	1793	18.92	21	153.71	155.73							
126		15:00:00	66.00			6619	20	310	1793	18.92	21	153.71	158.93	0	0.01	0.11	0.00	1.31		
127		15:30:00	66.50			6654	20	310	1793	18.92	21	153.71	162.14							
128		16:00:00	67.00			6654	20	310	1793	18.92	21	153.71	165.34	0	0.01	0.12	0.00	1.31		
129				A.P.I. = 52.2 @ 15.6° C																
130		16:30:00	67.50			6654	20	310	1793	18.92	21	153.71	168.54							
131		17:00:00	68.00			6654	20	310	1793	18.92	21	153.71	171.74	0	0.01	0.13	0.00	1.31		
132		17:30:00	68.50			6619	20	310	1793	18.92	21	153.71	174.94							
133		18:00:00	69.00			6619	20	310	1793	18.92	21	153.71	178.15	0	0.01	0.14	0.00	1.31		
134		18:30:00	69.50			6619	20	310	1793	18.92	21	153.71	181.35							
135		19:00:00	70.00			6619	20	310	1793	18.92	21	153.71	184.55	0	0.01	0.15	0.00	1.31		
136		19:30:00	70.50			6619	20	414	1793	18.92	21	153.71	187.75							
137		20:00:00	71.00			6619	20	414	1793	18.92	21	153.71	190.96	0	0.01	0.16	0.00	1.31		
138		20:30:00	71.50			6619	20	414	1793	18.92	20	154.01	194.16							
139		21:00:00	72.00			6619	20	414	1793	18.92	20	154.01	197.37	0	0.01	0.17	0.00	1.31		
140		21:30:00	72.50			6619	20	414	1793	18.92	20	154.01	200.58							
141		22:00:00	73.00			6619	20	483	1793	18.92	20	154.01	203.79	0	0.01	0.17	0.00	1.31		
142		22:30:00	73.50			6619	21	483	1793	18.92	20	154.01	207.00							
143		23:00:00	74.00			6619	21	483	1793	18.92	20	154.01	210.20	0	0.01	0.18	0.00	1.31		
144		23:30:00	74.50			6619	21	483	1793	18.92	20	154.01	213.41							
145	2001/03/06	00:00:00	75.00			6619	21	552	1793	18.92	20	154.01	216.62	0	0.01	0.18	0.00	1.31		
146				H ₂ S = 12,000ppm . (Gastec) , API = 52.8 @ 15.6°C																
147		00:30:00	75.50			6619	21	552	1793	18.92	20	154.01	219.83							
148		01:00:00	76.00			6619	21	552	1793	18.92	19	154.31	223.04	0	0.01	0.19	0.00	1.31		
149		01:30:00	76.50			6619	21	552	1793	18.92	20	154.01	226.25							
150		02:00:00	77.00			6619	21	552	1793	18.92	21	153.71	229.46	0	0.01	0.19	0.00	1.31		
151		02:30:00	77.50			6619	21	552	1793	18.92	21	153.71	232.66							
152		03:00:00	78.00			6619	21	552	1793	18.92	21	153.71	235.86	0	0.01	0.20	0.00	1.31		
153		03:30:00	78.50			6619	21	552	1793	18.92	21	153.71	239.07							
154		04:00:00	79.00			6619	21	552	1793	18.92	21	153.71	242.27	0	0.01	0.20	0.00	1.31		
155		04:30:00	79.50			6619	21	552	1793	18.92	21	153.71	245.47							

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³Water 0.050 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
156	2001/03/06	05:00:00	80.00			6619	21	552	1793	18.92	21	153.71	248.67	0	0.01	0.21	0.00	1.31		
157		05:30:00	80.50			6619	21	552	1793	18.92	21	153.71	251.88							
158		06:00:00	81.00	12.70	60.33	6619	21	552	1793	18.92	21	153.71	255.08	0	0.01	0.21	0.00	1.31		
159				Cumm Hrs. On Test = 40Hrs.																
160				Total Gas Flared = 255.08*10 ³ m ³ .																
161				Gas Flared In Last 24Hrs. = 155.64*10 ³ m ³ .																
162				Total Fluid Produced = 1.525m ³																
163				Total Water Produced = 1.31m ³																
164				Water Produced In Last 24Hrs. = 0.00m ³																
165				Total Oil Produced = 0.210m ³																
166				Oil Produced In Last 24Hrs. = 0.160m ³ , API = 52.2 @ 15.6°C																
167				H ₂ S = 13000ppm.																
168	2001/03/06	06:30:00	81.50	12.70	60.33	6619	21	552	1793	18.67	22	152.39	258.27							
169		07:00:00	82.00			6619	21	552	1793	18.67	22	152.39	261.44	0	0.01	0.22	0.00	1.31		
170		07:30:00	82.50			6619	21	552	1793	18.67	22	152.39	264.62							
171		08:00:00	83.00			6619	21	552	1793	18.67	22	152.39	267.79	0	0.00	0.22	0.00	1.31		
172		08:30:00	83.50			6619	21	552	1793	18.67	22	152.39	270.97							
173		09:00:00	84.00			6619	21	552	1793	18.67	22	152.39	274.14	0	0.01	0.22	0.00	1.31		
174		09:30:00	84.50			6619	21	552	1793	18.67	22	152.39	277.32							
175		10:00:00	85.00			6619	21	552	1793	18.67	22	152.39	280.49	0	0.00	0.22	0.00	1.31		
176		10:30:00	85.50			6619	21	552	1793	18.67	22	152.39	283.67							
177		11:00:00	86.00			6619	21	552	1793	18.67	22	152.39	286.84	0	0.01	0.23	0.00	1.31		
178		11:30:00	86.50			6654	21	552	1793	18.67	22	152.39	290.02							
179		12:00:00	87.00			6654	21	552	1793	18.67	22	152.39	293.19	0	0.00	0.23	0.00	1.31		
180				A.P.I. = 51.9 @ 15.6° C H ₂ s = 13,000ppm.																
181		12:30:00	87.50			6654	21	552	1793	18.92	24	152.82	296.37							
182		13:00:00	88.00			6654	21	552	1793	18.92	24	152.82	299.55	0	0.01	0.23	0.00	1.31		
183		13:30:00	88.50			6654	21	552	1793	18.92	24	152.82	302.74							
184		14:00:00	89.00			6654	21	552	1793	18.92	24	152.82	305.92	0	0.00	0.23	0.00	1.31		
185		14:30:00	89.50			6619	21	586	1793	18.92	24	152.82	309.11							
186		15:00:00	90.00			6619	21	586	1793	18.67	24	151.81	312.28	0	0.01	0.23	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas 153.128 Cum. 331.275 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
187	2001/03/06	15:30:00	90.50			6619	21	586	1793	18.67	24	151.81	315.44							
188		16:00:00	91.00			6619	21	621	1793	18.67	24	151.81	318.60	0	0.00	0.23	0.00	1.31		
189		16:30:00	91.50			6619	21	621	1793	18.67	24	151.81	321.77							
190		17:00:00	92.00			6619	21	621	1758	19.17	24	152.35	324.94	0	0.01	0.24	0.00	1.31		
191		17:30:00	92.50			6619	21	621	1758	19.17	24	152.35	328.11							
192		18:00:00	93.00	12.70	60.33	6619	21	621	1758	18.92	23	151.64	331.28	0	0.00	0.24	0.00	1.31		
193		18:30:00	93.50	12.70	60.33	6619	21	621	1758	18.92	23	151.64	334.43							
194		19:00:00	94.00			6619	21	621	1758	18.92	23	151.64	337.59	0	0.00	0.24	0.00	1.31		
195		19:30:00	94.50			6619	21	517	1758	18.92	23	151.64	340.75							
196		20:00:00	95.00			6550	21	517	1758	18.92	23	151.64	343.91	0	0.00	0.25	0.00	1.31		
197		20:30:00	95.50			6550	21	517	1758	18.92	23	151.64	347.07							
198		21:00:00	96.00			6550	21	517	1758	18.92	22	151.93	350.23	0	0.00	0.25	0.00	1.31		
199		21:30:00	96.50			6550	21	517	1758	18.92	22	151.93	353.40							
200		22:00:00	97.00			6550	21	517	1758	18.92	22	151.93	356.56	0	0.00	0.25	0.00	1.31		
201		22:30:00	97.50			6550	21	517	1758	18.92	22	151.93	359.73							
202		23:00:00	98.00			6550	21	517	1758	18.92	22	151.93	362.89	0	0.00	0.26	0.00	1.31		
203		23:30:00	98.50			6550	21	517	1758	18.92	22	151.93	366.06							
204	2001/03/07	00:00:00	99.00			6550	21	517	1758	18.92	22	151.93	369.22	0	0.00	0.26	0.00	1.31		
205				H ₂ S = 10000ppm , API = 51.3 @ 15.6°C.																
206		00:30:00	99.50			6550	21	517	1758	18.92	22	151.93	372.39							
207		01:00:00	100.00			6585	21	517	1758	18.92	22	151.93	375.55	0	0.00	0.26	0.00	1.31		
208		01:30:00	100.50			6585	21	517	1758	18.92	22	151.93	378.72							
209		02:00:00	101.00			6585	21	517	1758	18.68	22	150.96	381.88	0	0.00	0.26	0.00	1.31		
210		02:30:00	101.50			6585	21	517	1758	18.68	22	150.96	385.02							
211		03:00:00	102.00			6585	21	517	1758	18.68	22	150.96	388.17	0	0.00	0.27	0.00	1.31		
212		03:30:00	102.50			6585	21	517	1758	18.68	22	150.96	391.31							
213		04:00:00	103.00			6585	21	517	1758	18.68	22	150.96	394.46	0	0.00	0.27	0.00	1.31		
214		04:30:00	103.50			6585	21	552	1758	18.68	22	150.96	397.60							
215		05:00:00	104.00			6585	21	552	1758	18.68	22	150.96	400.75	0	0.01	0.27	0.00	1.31		
216		05:30:00	104.50			6585	21	552	1758	18.68	22	150.96	403.89							
217		06:00:00	105.00			6585	21	552	1758	18.68	22	150.96	407.04	0	0.00	0.28	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas 153.128 Cum. 331.275 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
218	2001/03/07	06:30:00	105.50			6585	21	552	1758	18.92	22	151.93	410.19							
219		07:00:00	106.00			6585	21	552	1758	18.92	22	151.93	413.36	0	0.00	0.28	0.00	1.31		
220		07:30:00	106.50			6585	21	552	1758	18.92	22	151.93	416.52							
221		08:00:00	107.00			6585	21	552	1758	18.92	22	151.93	419.69	0	0.00	0.28	0.00	1.31		
222		08:30:00	107.50			6585	21	552	1758	18.92	22	151.93	422.85							
223		09:00:00	108.00			6585	21	552	1758	19.17	23	152.64	426.02	0	0.00	0.29	0.00	1.31		
224		09:30:00	108.50			6619	21	552	1758	19.17	23	152.64	429.20							
225		10:00:00	109.00			6619	21	586	1758	19.17	24	152.35	432.38	0	0.00	0.29	0.00	1.31		
226		10:30:00	109.50			6619	21	586	1758	19.17	24	152.35	435.55							
227		11:00:00	110.00			6619	21	621	1758	19.17	23	152.64	438.73	0	0.00	0.29	0.00	1.31		
228		11:30:00	110.50			6619	21	621	1758	19.17	23	152.64	441.91							
229		12:00:00	111.00			6619	21	621	1758	19.17	23	152.64	445.09	0	0.00	0.30	0.00	1.31		
230		12:30:00	111.50			6619	21	621	1758	18.92	22	151.93	448.26							
231		13:00:00	112.00			6619	21	621	1758	18.92	22	151.93	451.43	0	0.00	0.30	0.00	1.31		
232		13:30:00	112.50			6619	21	621	1758	18.92	22	151.93	454.59							
233		14:00:00	113.00			6619	21	621	1758	18.92	22	151.93	457.76	0	0.00	0.30	0.00	1.31		
234		14:30:00	113.50			6619	21	621	1758	18.92	22	151.93	460.93							
235		15:00:00	114.00			6619	21	621	1758	18.92	22	151.93	464.09	0	0.00	0.30	0.00	1.31		
236		15:30:00	114.50			6619	21	621	1758	19.17	22	152.93	467.27							
237		16:00:00	115.00			6585	21	621	1758	19.17	22	152.93	470.45	0	0.00	0.31	0.00	1.31		
238		16:30:00	115.50			6585	21	621	1758	19.17	22	152.93	473.64							
239		17:00:00	116.00			6585	21	621	1758	19.17	22	152.93	476.82	0	0.00	0.31	0.00	1.31		
240		17:30:00	116.50			6585	21	621	1758	19.17	22	152.93	480.01							
241		18:00:00	117.00	12.70	60.33	6585	21	621	1758	19.17	22	152.93	483.20	0	0.00	0.31	0.00	1.31		
242				Gas Flared in Last 24 Hrs. = 151.92*10 ³ m ³ .										Cum. Gas = 483.20*10 ³ m ³ .						
243				Water Produced in Last 24 Hrs. = 0.00 m ³										Cum. Water = 1.31 m ³						
244				Oil Produced in Last 24 Hrs. = 0.036 m ³										Cum. Oil = 0.313 m ³						
245				Cum. Fluid Produced = 1.623 m ³																
246				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																
247				Tubing Pressure High = 6619 kpa. Tubing Pressure Low = 6550 kpa.																
248				Tubing Temp = 21° C																

2001/03/06 18:00:00 To 2001/03/07 18:00:00

Gas 151.921 Cum. 483.197 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
249	2001/03/07																		
250																			
251																			
252	18:30:00	117.50	12.70	60.33	6585	21	621	1758	19.17	22	152.93	486.38							
253	19:00:00	118.00			6585	21	621	1758	19.17	22	152.93	489.57	0	0.00	0.31	0.00	1.31		
254	19:30:00	118.50			6550	21	621	1758	19.17	23	152.64	492.75							
255	20:00:00	119.00			6550	21	552	1758	19.17	23	152.64	495.93	0	0.01	0.32	0.00	1.31		
256	20:30:00	119.50			6550	21	552	1758	19.17	23	152.64	499.11							
257	21:00:00	120.00			6550	21	552	1758	19.17	23	152.64	502.29	0	0.01	0.32	0.00	1.31		
258	21:30:00	120.50			6550	21	552	1758	19.17	23	152.64	505.47							
259	22:00:00	121.00			6550	21	552	1758	18.92	23	151.64	508.64	0	0.00	0.33	0.00	1.31		
260	22:30:00	121.50			6550	21	552	1758	18.92	23	151.64	511.80							
261	23:00:00	122.00			6550	21	552	1758	18.92	23	151.64	514.96	0	0.01	0.33	0.00	1.31		
262	23:30:00	122.50			6585	21	552	1758	18.92	22	151.93	518.12							
263	2001/03/08	00:00:00	123.00		6585	21	552	1758	18.92	22	151.93	521.29	0	0.01	0.34	0.00	1.31		
264																			
265	00:30:00	123.50			6585	21	552	1758	18.92	22	151.93	524.45							
266	01:00:00	124.00			6585	21	552	1758	18.92	22	151.93	527.62	0	0.01	0.34	0.00	1.31		
267	01:30:00	124.50			6550	21	552	1758	18.92	22	151.93	530.78							
268	02:00:00	125.00			6550	21	552	1758	18.92	22	151.93	533.95	0	0.01	0.35	0.00	1.31		
269	02:30:00	125.50			6550	21	552	1758	18.92	22	151.93	537.11							
270	03:00:00	126.00			6550	21	552	1758	18.92	22	151.93	540.28	0	0.01	0.35	0.00	1.31		
271	03:30:00	126.50			6550	21	552	1758	18.92	22	151.93	543.44							
272	04:00:00	127.00			6550	21	552	1758	18.92	22	151.93	546.61	0	0.01	0.36	0.00	1.31		
273	04:30:00	127.50			6550	21	552	1758	18.92	22	151.93	549.77							
274	05:00:00	128.00			6550	21	552	1758	18.92	22	151.93	552.94	0	0.01	0.36	0.00	1.31		
275	05:30:00	128.50			6550	21	552	1758	18.92	22	151.93	556.10							
276	06:00:00	129.00			6550	21	552	1758	18.92	22	151.93	559.27	0	0.01	0.37	0.00	1.31		
277	06:30:00	129.50			6550	21	552	1758	18.92	22	151.93	562.43							
278	07:00:00	130.00			6550	21	552	1758	18.92	21	152.22	565.60	0	0.00	0.37	0.00	1.31		
279	07:30:00	130.50			6550	21	552	1758	18.92	21	152.22	568.77							

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas 152.176 Cum. 635.372 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
280	2001/03/08	08:00:00	131.00			6550	21	552	1758	18.92	21	152.22	571.95	0	0.00	0.37	0.00	1.31		
281		08:30:00	131.50			6550	21	552	1758	18.92	21	152.22	575.12							
282		09:00:00	132.00			6550	21	552	1758	18.92	21	152.22	578.29	0	0.00	0.37	0.00	1.31		
283		09:30:00	132.50			6550	21	552	1758	18.92	21	152.22	581.46							
284		10:00:00	133.00			6550	21	552	1758	18.92	21	152.22	584.63	0	0.00	0.38	0.00	1.31		
285		10:30:00	133.50			6550	21	552	1758	18.92	21	152.22	587.80							
286		11:00:00	134.00			6550	21	552	1758	18.92	21	152.22	590.97	0	0.00	0.38	0.00	1.31		
287		11:30:00	134.50			6550	21	552	1758	18.92	21	152.22	594.15							
288		12:00:00	135.00			6550	21	552	1758	18.92	21	152.22	597.32	0	0.00	0.38	0.00	1.31		
289				Gas Samples Taken From Meter Run, # 00021788, # 00017431																
290		12:30:00	135.50			6550	21	552	1758	18.92	21	152.22	600.49							
291		13:00:00	136.00			6550	21	552	1758	18.92	21	152.22	603.66	0	0.00	0.39	0.00	1.31		
292		13:30:00	136.50			6550	21	552	1758	18.92	21	152.22	606.83							
293		14:00:00	137.00			6550	21	552	1758	18.92	21	152.22	610.00	0	0.00	0.39	0.00	1.31		
294		14:30:00	137.50			6550	21	552	1758	18.92	21	152.22	613.17							
295		15:00:00	138.00			6550	21	552	1758	18.92	21	152.22	616.34	0	0.00	0.39	0.00	1.31		
296		15:30:00	138.50			6550	21	552	1758	18.92	21	152.22	619.52							
297		16:00:00	139.00			6550	21	553	1758	18.92	21	152.22	622.69	0	0.00	0.40	0.00	1.31		
298		16:30:00	139.50			6550	21	552	1758	18.92	21	152.22	625.86							
299		17:00:00	140.00			6550	21	552	1758	18.92	21	152.22	629.03	0	0.00	0.40	0.00	1.31		
300		17:30:00	140.50			6550	21	552	1758	18.92	21	152.22	632.20							
301		18:00:00	141.00	12.70	60.33	6550	21	552	1758	18.92	21	152.22	635.37	0	0.00	0.40	0.00	1.31		
302				Gas Flared in Last 24 Hrs. = 152.17*10 ³ m ³ . Cum. Gas = 635.37*10 ³ m ³ .																
303				Water Produced in Last 24 Hrs. = 0.00 m ³ Cum. Water = 1.31 m ³																
304				Oil Produced in Last 24 Hrs. = 0.089 m ³ Cum. Oil = 0.402 m ³																
305				Cum. Fluid Produced = 1.712 m ³																
306				Grindout = 100 % Oil A.P.I. = 52.2 @ 15.6° C																
307				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.																
308				Tubing Temp. = 21° C																
309				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																
310				Gas Rate at 18:00 Hrs. = 152.22*10 ³ m ³ .																

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas 152.176 Cum. 635.372 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
311	2001/03/08				Cum. Hrs. on Test = 100														
312		18:30:00	141.50	12.70	60.33	6550	21	552	1758	18.92	20	152.52	638.55						
313		19:00:00	142.00			6550	21	552	1758	18.92	20	152.52	641.72	0	0.00	0.41	0.00	1.31	
314		19:30:00	142.50			6550	21	552	1758	18.92	20	152.52	644.90						
315		20:00:00	143.00			6550	21	552	1758	18.92	21	152.22	648.08	0	0.00	0.41	0.00	1.31	
316		20:30:00	143.50			6550	21	552	1758	18.92	21	152.22	651.25						
317		21:00:00	144.00			6550	21	552	1758	18.92	21	152.22	654.42	0	0.00	0.41	0.00	1.31	
318		21:30:00	144.50			6550	21	552	1758	18.92	21	152.22	657.59						
319		22:00:00	145.00			6550	21	552	1758	18.92	21	152.22	660.76	0	0.00	0.41	0.00	1.31	
320		22:30:00	145.50			6550	21	552	1758	18.92	21	152.22	663.93						
321		23:00:00	146.00			6550	21	552	1758	18.92	21	152.22	667.10	0	0.00	0.42	0.00	1.31	
322		23:30:00	146.50			6550	21	552	1758	18.92	21	152.22	670.28						
323	2001/03/09	00:00:00	147.00			6550	21	552	1758	18.68	21	151.25	673.44	0	0.00	0.42	0.00	1.31	
324						H ₂ S = 7000ppm API = 51.1 @ 15.6°C													
325		00:30:00	147.50			6550	21	552	1758	18.68	21	151.25	676.59						
326		01:00:00	148.00			6550	21	552	1758	18.68	21	151.25	679.74	0	0.01	0.42	0.00	1.31	
327		01:30:00	148.50			6550	21	552	1758	18.68	21	151.25	682.89						
328		02:00:00	149.00			6550	21	552	1758	18.68	21	151.25	686.04	0	0.01	0.43	0.00	1.31	
329		02:30:00	149.50			6550	21	552	1758	18.68	21	151.25	689.19						
330		03:00:00	150.00			6550	21	552	1758	18.68	21	151.25	692.34	0	0.01	0.44	0.00	1.31	
331		03:30:00	150.50			6550	21	552	1758	18.68	20	151.55	695.50						
332		04:00:00	151.00			6550	21	552	1758	18.68	20	151.55	698.66	0	0.01	0.44	0.00	1.31	
333		04:30:00	151.50			6550	21	552	1758	18.68	20	151.55	701.81						
334		05:00:00	152.00			6550	21	552	1758	18.68	20	151.55	704.97	0	0.01	0.45	0.00	1.31	
335		05:30:00	152.50			6550	21	552	1758	18.68	20	151.55	708.13						
336		06:00:00	153.00			6550	21	552	1758	18.68	20	151.55	711.28	0	0.01	0.45	0.00	1.31	
337						H ₂ S = 7000ppm API = 51 @ 15.6°C													
338		06:30:00	153.50			6550	21	552	1758	18.68	20	151.55	714.44						
339		07:00:00	154.00			6550	21	552	1758	18.68	20	151.55	717.60	0	0.01	0.46	0.00	1.31	
340		07:30:00	154.50			6550	21	552	1758	18.68	20	151.55	720.76						
341		08:00:00	155.00			6550	21	552	1758	18.68	20	151.55	723.91	0	0.01	0.46	0.00	1.31	

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas	151.748	Cum.	787.121	10 ³ m ³
Water	0.000	Cum.	1.310	m ³
Condensate	0.000	Cum.	0.000	m ³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
342	2001/03/09	08:30:00	155.50			6550	21	552	1758	18.68	20	151.55	727.07							
343		09:00:00	156.00			6550	21	552	1758	18.68	20	151.55	730.23	0	0.01	0.46	0.00	1.31		
344		09:30:00	156.50			6550	21	552	1758	18.68	21	151.25	733.38							
345		10:00:00	157.00			6550	21	552	1758	18.68	21	151.25	736.53	0	0.01	0.47	0.00	1.31		
346		10:30:00	157.50			6550	21	552	1758	18.68	22	150.96	739.68							
347		11:00:00	158.00			6550	21	552	1758	18.68	22	150.96	742.83	0	0.00	0.47	0.00	1.31		
348		11:30:00	158.50			6585	21	586	1758	18.92	24	151.35	745.97							
349		12:00:00	159.00			6585	21	586	1758	18.92	24	151.35	749.13	0	0.00	0.48	0.00	1.31		
350		12:30:00	159.50			6585	21	586	1758	18.92	24	151.35	752.28							
351		13:00:00	160.00			6585	21	586	1758	18.92	24	151.35	755.43	0	0.00	0.48	0.00	1.31		
352		13:30:00	160.50			6585	21	586	1758	18.92	24	151.35	758.59							
353		14:00:00	161.00			6586	21	586	1758	18.92	24	151.35	761.74	0	0.00	0.48	0.00	1.31		
354		14:30:00	161.50			6550	21	586	1758	19.17	24	152.35	764.90							
355		15:00:00	162.00			6550	21	586	1758	19.17	24	152.35	768.08	0	0.00	0.49	0.00	1.31		
356		15:30:00	162.50			6550	21	586	1758	19.17	24	152.35	771.25							
357		16:00:00	163.00			6550	21	586	1758	19.17	24	152.35	774.43	0	0.00	0.49	0.00	1.31		
358		16:30:00	163.50			6550	21	586	1758	19.17	24	152.35	777.60							
359		17:00:00	164.00			6550	21	586	1758	19.17	24	152.35	780.77	0	0.00	0.49	0.00	1.31		
360		17:30:00	164.50			6550	21	586	1758	19.17	24	152.35	783.95							
361		18:00:00	165.00	12.70	60.33	6550	21	586	1758	19.17	24	152.35	787.12	0	0.00	0.49	0.00	1.31		
362				Gas Flared in Last 24 Hrs. = 151.95*10 ³ m ³ .										Cum. Gas = 787.12*10 ³ m ³ .						
363				Water Produced in Last 24 = 0.00 m ³										Cum. Water = 1.31 m ³						
364				Oil Produced in Last 24 Hrs. = 0.092 m ³										Cum. Oil = 0.494 m ³						
365				Cum. Fluid Produced = 1.804 m ³																
366				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																
367				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.																
368				Tubing Temp = 21° C H ₂ s = 0.8 %																
369				Gas Rate at 18:00 Hrs. = 152.35*10 ³ m ³ .																
370				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																
371				Cum. Hrs. = 124																
372		18:30:00	165.50	12.70	60.33	6550	21	586	1758	19.17	24	152.35	790.29							

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas 151.748 Cum. 787.121 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	Oil BSW	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
373	2001/03/09	19:00:00	166.00			6550	21	586	1758	19.17	24	152.35	793.47	0	0.00	0.50	0.00	1.31		
374		19:30:00	166.50			6550	21	586	1758	19.17	24	152.35	796.64							
375		20:00:00	167.00			6550	21	586	1758	19.17	24	152.35	799.82	0	0.00	0.50	0.00	1.31		
376		20:30:00	167.50			6550	21	586	1758	19.17	24	152.35	802.99							
377		21:00:00	168.00			6550	21	586	1758	19.17	24	152.35	806.16	0	0.00	0.50	0.00	1.31		
378		21:30:00	168.50			6550	21	586	1758	19.17	24	152.35	809.34							
379		22:00:00	169.00			6550	21	586	1758	19.17	24	152.35	812.51	0	0.00	0.51	0.00	1.31		
380		22:30:00	169.50			6550	21	586	1758	19.17	24	152.35	815.69							
381		23:00:00	170.00			6550	21	586	1758	19.17	24	152.35	818.86	0	0.00	0.51	0.00	1.31		
382		23:30:00	170.50			6550	21	586	1758	19.17	24	152.35	822.03							
383	2001/03/10	00:00:00	171.00			6550	21	586	1758	18.68	22	150.96	825.19	0	0.00	0.51	0.00	1.31		
384				H ₂ S = 7000ppm API = 51.2 @ 15.6°C																
385		00:30:00	171.50			6550	21	586	1758	18.68	22	150.96	828.34							
386		01:00:00	172.00			6550	21	586	1758	18.68	22	150.96	831.48	0	0.00	0.52	0.00	1.31		
387		01:30:00	172.50			6550	21	586	1758	18.68	22	150.96	834.63							
388		02:00:00	173.00			6550	21	586	1758	18.68	22	150.96	837.77	0	0.00	0.52	0.00	1.31		
389		02:30:00	173.50			6550	21	586	1758	18.68	22	150.96	840.92							
390		03:00:00	174.00			6550	21	586	1758	18.68	22	150.96	844.06	0	0.00	0.52	0.00	1.31		
391		03:30:00	174.50			6550	21	586	1758	18.68	22	150.96	847.21							
392		04:00:00	175.00			6550	21	586	1758	18.68	22	150.96	850.35	0	0.00	0.52	0.00	1.31		
393		04:30:00	175.50			6550	21	586	1758	18.68	22	150.96	853.50							
394		05:00:00	176.00			6550	21	586	1758	18.68	22	150.96	856.64	0	0.00	0.53	0.00	1.31		
395		05:30:00	176.50			6550	21	586	1758	18.68	22	150.96	859.79							
396		06:00:00	177.00			6550	21	586	1758	18.68	22	150.96	862.93	0	0.00	0.53	0.00	1.31		
397		06:30:00	177.50			6550	21	586	1758	18.68	22	150.96	866.08							
398		07:00:00	178.00			6550	21	586	1758	18.68	22	150.96	869.22	0	0.01	0.54	0.00	1.31		
399		07:30:00	178.50			6550	21	586	1758	18.68	22	150.96	872.37							
400		08:00:00	179.00			6550	21	586	1758	18.68	22	150.96	875.51	0	0.01	0.54	0.00	1.31		
401		08:30:00	179.50			6550	21	586	1758	18.68	22	150.96	878.66							
402		09:00:00	180.00			6550	21	586	1758	18.68	22	150.96	881.80	0	0.01	0.55	0.00	1.31		
403		09:30:00	180.50			6550	21	586	1758	18.68	22	150.96	884.95							

2001/03/09 18:00:00 To 2001/03/10 14:00:00

Gas 100.973 Cum. 888.094 10³m³Water 0.000 Cum. 1.310 m³Condensate 0.000 Cum. 0.000 m³

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
404	2001/03/10	10:00:00	181.00	12.70	60.33	6550	21	586	1758	18.68	22	150.96	888.09	0	0.01	0.55	0.00	1.31		
405		10:01:00	181.02		0.00				0	0.00	0	0.00	888.09							
406		10:01:00	181.02	Shut in Well, Record Build up. Start to Rig out Equipment.																
407		10:05:00	181.08			7998														
408		10:10:00	181.17			8274														
409		10:15:00	181.25			8343														
410		10:30:00	181.50			8377														
411		10:45:00	181.75			8446														
412		11:00:00	182.00			8481														
413		11:30:00	182.50			8515														
414		12:00:00	183.00			8515														
415		12:30:00	183.50			8515														
416		13:00:00	184.00			8550														
417		13:30:00	184.50			8550														
418		14:00:00	185.00			8584														
419				End of Build ups.																
420				DAY SUMMARY																
421				Gas Flared in Last 16 Hrs. = 100.97*10 ³ m ³ .																
422				Water Produced in Last 16 Hrs. = 0.00 m ³																
423				Oil Produced in Last 16 Hrs. = 0.056 m ³																
424				Tubing Pressure High = 6550 kpa Tubing Pressure Low = 6550 kpa																
425																				
426				JOB SUMMARY:																
427				Cum. Gas Flared = 888.09*10 ³ m ³ .																
428				Cum. Water Produced = 1.31 m ³																
429				Cum. Oil Produced = 0.550 m ³																
430				Cum. Fluid Produced = 1.860 m ³																
431				Grindout = 100% Oil A.P.I. = 52.2 @ 15.6° C																
432				Tubing Temp = 21° C H ₂ s = 0.8 %																
433				Gas Rate at Shut in = 150.96*10 ³ m ³ .																
434				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																

PARAMOUNT RESOURCES LTD.

A-73

Start Date: 2001/03/03

Final Test Date: 2001/03/10

PARA et al CAMERON A-73

Formation: SULPHUR POINT

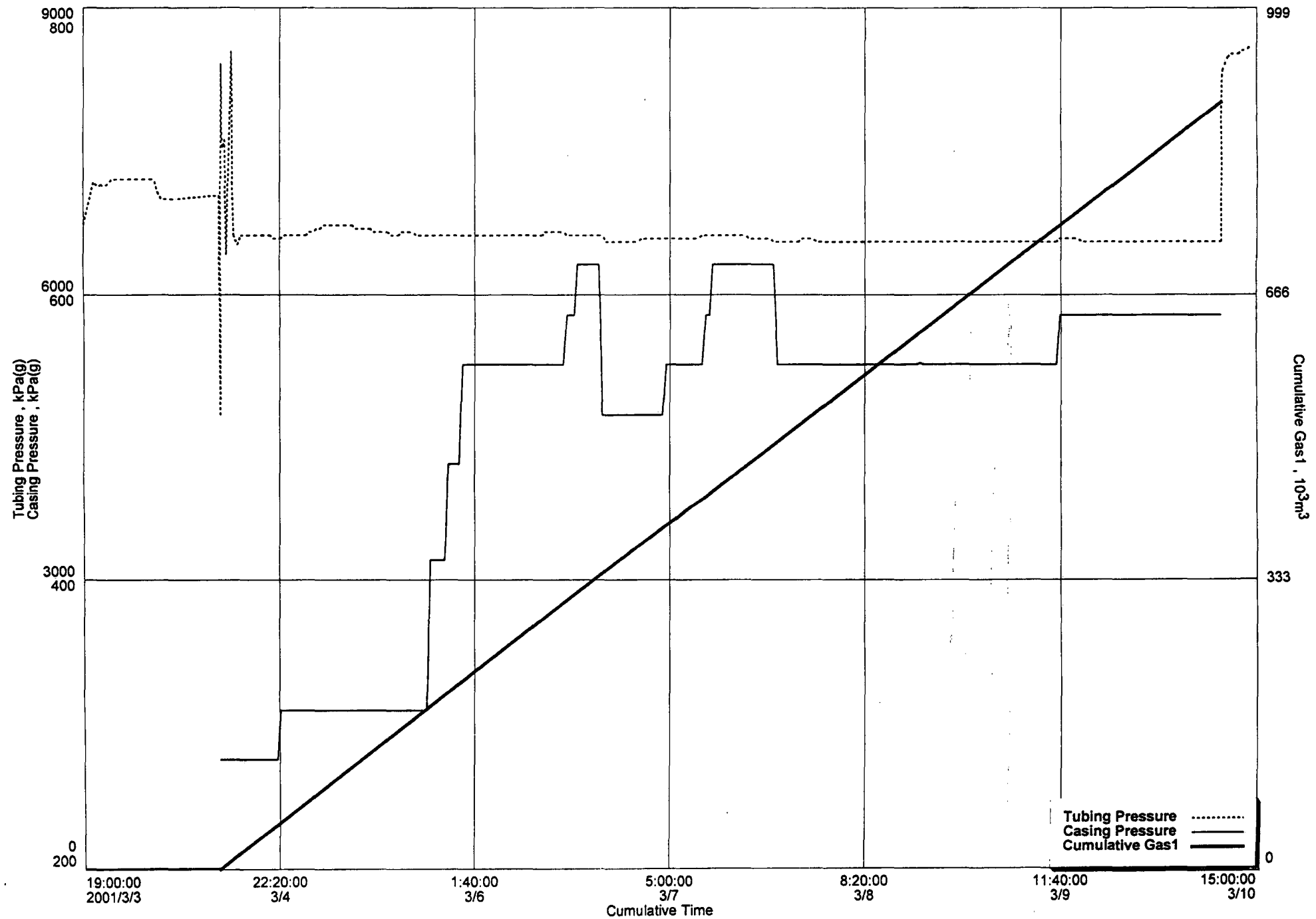
Pool: UNDEFINED

Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm

435 2001/03/10

Cum. Hrs. on Test = 148.0





Container Identification
17865E

Laboratory Number
GE70314E

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
NOT AVAILABLE	A73 PARAMOUNT et al SWEDE	KB m 679.60 GRD m 675.60

Field or Area	Pool or Zone	Sampler's Company
SWEDE	SLAVE POINT	SOLID PRODUCTION SERVICES

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
	METER RUN			1793	1793	1400
		Pressure (kPa)				
		Temperature (°C)		25	25	21

Date Sampled	Date Received	Date Reported	Analyst
Mar 04, 2001	Mar 30, 2001	Apr 09, 2001	PL

Other Information
FIELD H ₂ S 1.2%

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0000	0.0000	
He	0.0010	0.0011	
N ₂	0.0173	0.0184	
CO ₂	0.0471	0.0000	
H ₂ S	0.0120	0.0000	
C ₁	0.8965	0.9529	
C ₂	0.0134	0.0142	
C ₃	0.0065	0.0069	23.9
IC ₄	0.0011	0.0012	4.8
NC ₄	0.0024	0.0026	10.1
IC ₅	0.0007	0.0007	3.4
NC ₅	0.0007	0.0007	3.4
C ₆	0.0007	0.0007	3.8
C ₇₊	0.0006	0.0006	3.8
Total	1.0000	1.0000	53.2

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

Air Free As Received	Moisture & Acid Gas Free
36.56	38.51

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.638	0.586

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.1	4571	193.7

RELATIVE MOLECULAR MASS

Total Gas	C ₇₊
18.5	102.5

VAPOUR PRESSURE
(Pentanes +)

75.46 kPa

H₂S g/m³

17.26

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.





Container Identification
21788F

Laboratory Number
GE70314F

Operator Name
PARAMOUNT RESOURCES LTD.

Unique Well Identifier	Well Name	Elevation
NOT AVAILABLE	A73 PARAMOUNT et al SWEDE	KB m 679.60 GRD m 675.60

Field or Area	Pool or Zone	Sampler's Company
SWEDE	SLAVE POINT	SAME

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
	METER RUN	Pressure (kPa)		1708	1708	1300
		Temperature (°C)		21	21	21

Date Sampled	Date Received	Date Reported	Analyst
Mar 08, 2001	Mar 30, 2001	Apr 09, 2001	PL

Other Information
FIELD H ₂ S 0.8% LAB H ₂ S 1.26%

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0007	0.0007	
He	0.0009	0.0010	
N ₂	0.0151	0.0160	
CO ₂	0.0457	0.0000	
H ₂ S	0.0126	0.0000	
C ₁	0.8993	0.9552	
C ₂	0.0133	0.0141	
C ₃	0.0066	0.0070	24.2
IC ₄	0.0010	0.0011	4.4
NC ₄	0.0024	0.0025	10.1
IC ₅	0.0007	0.0007	3.4
NC ₅	0.0007	0.0007	3.4
C ₆	0.0006	0.0006	3.3
C ₇ +	0.0004	0.0004	2.5
Total	1.0000	1.0000	51.3

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

Air Free As Received	Moisture & Acid Gas Free
36.62	38.52

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.634	0.584

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.0	4573	193.6

RELATIVE MOLECULAR MASS

Total Gas	C ₇ +
18.4	100.2

VAPOUR PRESSURE
(Pentanes +)

82.84 kPa

H₂S g/m³

18.13

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone Information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.



SOLID PRODUCTION SERVICES PRE-JOB/SAFETY SUMMARY

Company: Paramount Resources

Location: A-73

Start Date: 03/01/01

Company Rep: John Wright

Directions to Lease: North on Hwy 35 to 1 km before Indian Cabins, turn west until you cross railroad tracks, first right at y, keep right to gates, 5-6 km to second y, right to km 32, right 8 km, right into CAMP.

Phone Numbers

Company Rep

Office

Mobile

Motel

Day Supervisor

John Wright

403-997-2295

Night Supervisor

780-955-7525

600-700-3575

Safety Supervisor

RCMP

780-926-2226

Hospital

780-926-3791

Air Ambulance

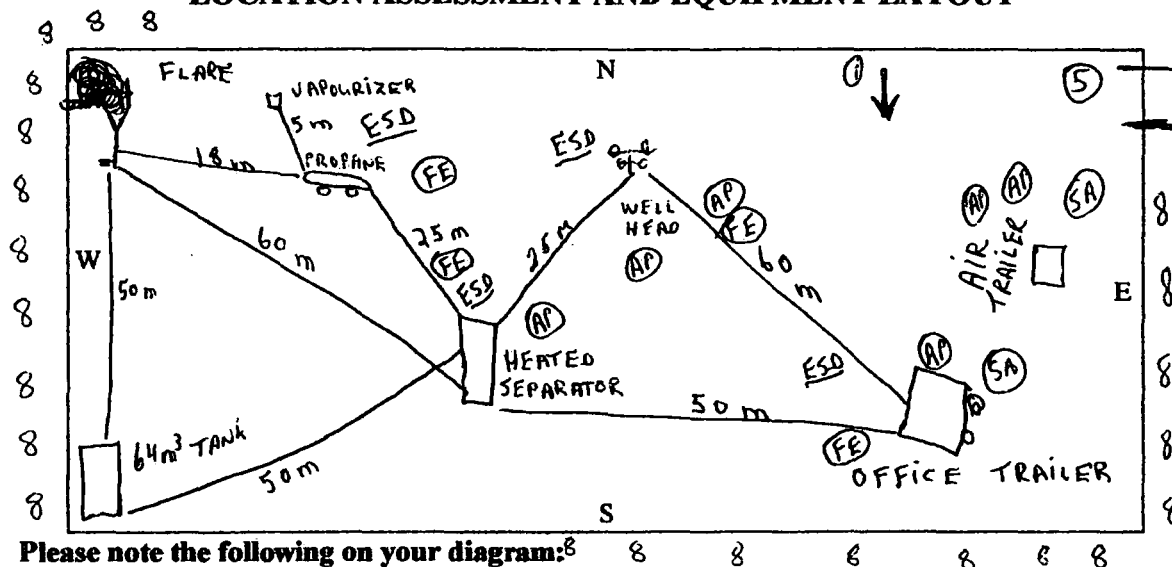
780-926-3791

OHS

Pre-Job Discussion

Safety procedure in opening sour gas wells.

LOCATION ASSESSMENT AND EQUIPMENT LAYOUT



1) Prevailing Wind Direction

2) All Sumps or Spills

3) ESD Locations ESD

4) Fire Extinguishers FE

5) Emergency Exit

6) Air Pack Locations AP

7) Safe Area SA

8) Tree Line

9) Distances in Meters

**SOLID PRODUCTION SERVICES
PRE-JOB/SAFETY SUMMARY con't**

	H2S	First Aid	CPR	WHMIS	TDGR
<u>Allen Townsend</u> Senior Supervisor	☒	☒	☒	☒	☒
<u>Paul Lemay</u> Night Supervisor	☒	☒	☒	☐	☐
_____ Day Operator	☐	☐	☐	☐	☐
_____ Night Operator	☐	☐	☐	☐	☐
<u>Cory Slusarchuk</u> Day Assistant	☒	☒	☐	☐	☐
<u>Jason Lemay</u> Night Assistant	☒	☒	☐	☐	☐

Company Rep - Personnel and Equipment Checklist

Personnel

	Poor	Fair	Good	Excellent
Knowledge	☐	☐	☒	☐
Conduct	☐	☐	☐	☒

Equipment

	Poor	Fair	Good	Excellent
Condition	☐	☐	☐	☒
Performance	☐	☐	☐	☒
Cleanliness	☐	☐	☒	☐

Company Rep Comments

COMPANY REPRESENTATIVE



SOLID SENIOR SUPERVISOR

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources
LOCATION: A-73
OPERATED BY:
SAMPLE DATE: Mar. 4 /2001
FLOW RATE #: 151.78 10³m³
FORMATION NAME AND ZONE: Slave Point

JOB #: 066
FIELD:
TIME: 1800 hrs.

SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00018206</u>	<u>1793 kpa</u>	<u>25°C</u>
	2. <u>00017865</u>	<u>1793kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u>Plastic</u>	<u> </u>	
	2. <u>Plastic</u>	<u> </u>	

STOCK TANK SAMPLES (WATER): 1
NO. OF SAMPLES (OIL OR CONDENSATE): 1

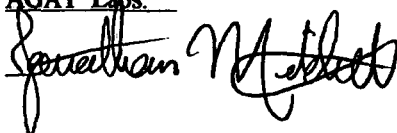
PRODUCTION RATES: GAS E3M^3/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6619 kpa
CASING
SEPARATOR 1793 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:



DATE:

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources
LOCATION: A-73
OPERATED BY:
SAMPLE DATE: Mar. 8 /2001
FLOW RATE #: 150.48 10³m³
FORMATION NAME AND ZONE: Slave Point

JOB #: 066
FIELD:
TIME: 1200 hrs.

**SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412**

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00021788</u>	<u>1758 kpa</u>	<u>25°C</u>
	2. <u>00017431</u>	<u>1758kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	

STOCK TANK SAMPLES (WATER) :
NO. OF SAMPLES (OIL OR CONDENSATE) :

PRODUCTION RATES: GAS E3M[^]3/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6550 kpa
CASING
SEPARATOR 1758 kpa

SAMPLES DELIVERED TO: AGAT Labs.

SAMPLES RECEIVED BY:

Janethen M. John

BY:

DATE:

9211-P33-5-1.

Box 1-2

SUBJECT — OBJET

Paramount of ~~Cameron A-73~~ SWEDE A-73

CHARGED OUT — TRANSMIS

CHARGED OUT — TRANSMIS

TO — À

DATE

BY — PAR

TO — À

DATE

BY — PAR

~~L. Richards 20/6/90 LL returned 28/2/90 L2~~~~P. Duhaime 25/8/90 LL~~~~M. Eickmeier 27/1/92~~

Bochuec.Sonic

Mélion Dm Log

Phaser Inclusion

Feb 13/92

PB



BOX 1

SUBJECT — OBJET

CHARGED OUT — TRANSMIS

CHARGED OUT — TRANSMIS IN

TO — Å

DATE _____

BY — PAR

TO — A

DATE _____

BY — PAR

PARAMOUNT RESOURCES LTD.

PARA et al SWEDE

A-73

A-73

SULPHUR POINT

MAR 03-10, 2001

Well Test Data

Contact

GRANT HARTER
Well Testing Manager

Nisku: (780) 955-7525

GENERAL INFORMATION

Client Information:

Company: PARAMOUNT RESOURCES LTD.

Contact: PARAMOUNT RESOURCES LTD.

Phone: 403-997-2295 Fax: e-mail:

Site Information:

Contact: JOHN WRIGHT

Phone: 403-997-2295 Fax: e-mail:

Well Information:

Name: PARA et al SWEDE A-73

Operator: PARAMOUNT RESOURCES LTD.

Location-Downhole: 3/300-----/

Location-Surface: A-73, 60 Deg 20' N, 117 Deg 30' W

Test Information:

Company: SOLID PRODUCTION SERVICES LTD.

Representative: GRANT HARTER

Supervisor: ALLEN TOWNSEND

Test Type: SINGLE POINT TEST Job Number: 066

Test Unit: HTU-05

Start Date: 2001/03/03 Start Time: 20:30:00

End Date: 2001/03/10 End Time: 10:01:00

Report Date: 2001/04/09 Prepared By: LAURA D. DOMINICK

Remarks: Qualified By:

Location-A-73

WELL INFORMATION

Well Name : PARA et al SWEDE A-73

Well Operator : PARAMOUNT RESOURCES LTD.

Well Location : 3/300-----/

Location-Surface : A-73, 60 Deg 20' N, 117 Deg 30' W

Field : SWEDE

Well Type : Vertical

Pool : UNDEFINED

Formation : SULPHUR POINT

Perforation Type :			Producing Through : Tubing	Size	73.00 mm
Pool Datum	m	KB	Elevation Referenced From	679.60 m	KB
Datum Depth	m	KB	Elevation Referenced To	675.60 m	GL
			Offset	4.00 m	

Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

	From - m	To - m		Depth - m	Pressure - kPa
1.	1369.00	1370.50	1.	1369.75	
2.			2.		
3.			3.		
4.			4.		
5.			5.		
6.			6.		
7.			7.		
8.			8.		
9.			9.		
10.			10.		
11.			11.		
12.			12.		

Remarks :

PARAMOUNT RESOURCES LTD.
3/300-----/
Start Date: 2001/03/03
Final Test Date: 2001/03/10

FieldNotes METER REPORT

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

Gas Meter 1

Meter Type:	Orifice Meter
Meter Size:	102.30 mm
Previous Gas Production:	0.000 10 ³ m ³
Tap Type:	Flange
Tap Location:	Downstream
Gas Gravity (G):	0.634
CO ₂ :	4.57 %
H ₂ S:	1.26 %
N ₂ :	1.51 %
Critical Temperature (T _C):	201.20 K
Critical Pressure (P _C):	4632.80 kPa

Water Meter 1

Meter Type:	Produced Volume
Measurement type:	Incremental
Columns for Produced Volume:	
Previous Water Production:	0.000 m ³

Condensate Meter 1

Meter Type:	Measured Level
Measurement Type:	Cumulative
Columns for Measured Level:	
Previous Condensate Production:	0.000 m ³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	Oil BSW	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
1	2001/03/02	21:00:00	0.00	Arrive on Location, Spot Equipment, Return to Camp.																
2	2001/03/02	21:00:00	0.00		0.00	0		0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00			
3	2001/03/03	08:00:00	11.00	Arrive on Location, Start to Rig in Equipment.																
4		12:00:00	15.00	Drive to Camp, Load Propane, Drive Back to Location.																
5		15:30:00	18.50	Rig in Propane With Vapourizer.																
6		17:30:00	20.50	Wire Line on Location to Pull Plug.																
7		19:00:00	22.00	Water Truck on Location, Fill Heater and Pre-Heat.																
8		19:30:00	22.50	Unable to Pull Plug, Wire Line Rigged Off.																
9		20:00:00	23.00	Pump Methanol Down Tubing Over Night, Record Pressure.																
10		20:00:00	23.00	Gas Sample Taken by GasTec 11,000 ppm.																
11		20:30:00	23.50			7190														
12		21:00:00	24.00			7120														
13		21:30:00	24.50			7150														
14		22:00:00	25.00			7120														
15		22:30:00	25.50			7160														
16		23:00:00	26.00			7205														
17		23:30:00	26.50			7205														
18	2001/03/04	00:00:00	27.00			7205														
19		00:30:00	27.50			7205														
20		01:00:00	28.00			7205														
21		01:30:00	28.50			7205														
22		02:00:00	29.00			7205														
23		02:30:00	29.50			7205														
24		03:00:00	30.00			7205														
25		03:30:00	30.50			7205														
26		04:00:00	31.00			7205														
27		04:30:00	31.50			7205														
28		05:00:00	32.00			7205														
29		05:30:00	32.50			7067														
30		06:00:00	33.00			6998														
31				0.22m³ of Methanol Pumped Down Tubing Over Night.																

2001/03/02 21:00:00 To 2001/03/03 19:00:00

Gas	0.000	Cum.	0.000 10 ³ m ³
Water	0.000	Cum.	0.000 m ³
Condensate	0.000	Cum.	0.000 m ³

PARAMOUNT RESOURCES LTD.
3/300—/—
Start Date: 2001/03/03
Final Test Date: 2001/03/10

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
32	2001/03/04	06:30:00	33.50			6998														
33		07:00:00	34.00			6998														
34				Rig in to 64m ³ Tank.																
35		07:30:00	34.50			6998														
36		08:00:00	35.00			6998														
37				Wire Line on Location to pull plug and set Recorders.																
38		11:55:00	38.92	Recorders set at 1368m																
39		12:00:00	39.00	Rig Flow Line into Tubing With E.S.D. Valve.																
40		13:00:00	40.00	Hold Safety Meeting. Discuss Objectives. H ₂ s = 11000ppm.																
41		13:30:00	40.50	Separator Purged With Propane.																
42		13:55:00	40.92	Pressure Test up to Choke. OK.																
43		14:00:00	41.00	Open Well to Flow Tubing Through a 7.93 mm Adjustable Choke.																
44		14:00:00	41.00		0.00				0	0.00	0	0.00	0.00		0.00	0.00	0.00	0.00		
45		14:00:00	41.00	7.93		7033		276												
46		14:05:00	41.08			5102		276												
47		14:10:00	41.17			4758		276												
48		14:12:00	41.20	Fluid to Surface, Plug in 64 m ³ Tank Missing, Shut in Well and Repair.																
49		14:15:00	41.25			8412		276						100	0.00	0.00	0.18	0.18		
50		14:15:00	41.25	Open Well on a 7.93mm Choke.																
51		14:20:00	41.33	7.93		7688		276												
52		14:25:00	41.42			7584		276												
53		14:30:00	41.50			7516		276						100	0.00	0.00	0.22	0.40		
54		14:40:00	41.67	Adjust Choke to 9.52mm																
55		14:45:00	41.75	9.52		7619		276												
56		14:45:00	41.75	Adjust Choke to 11.11mm																
57		15:00:00	42.00			6412		276												
58		15:00:00	42.00	Adjust Choke to 12.70mm																
59		15:25:00	42.42	Slug of Fluid at Surface, Dumps Unable to Keep up, Shut in Well to Clear Lines.																
60		15:30:00	42.50	Grind Out of Fluid = Water/Methanol/Emulsion Mix. Unable to Measure Salinity or PH.																
61		15:40:00	42.67			8550		276						100	0.00	0.00	0.68	1.22		
62		15:40:00	42.67	Re-Open on a 9.52mm Choke.																

2001/03/03 19:00:00 To 2001/03/04 18:00:00
Gas 25.577 Cum. 25.577 10³m³
Water 1.260 Cum. 1.260 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
63	2001/03/04	15:45:00	42.75	9.52	8033		276												
64		15:50:00	42.83	Adjust Choke to 11.11mm															
65		15:50:00	42.83		7171		276												
66		15:55:00	42.92	Adjust Choke to 12.70mm															
67		15:58:00	42.97	Meter in Service With a 60.33mm Orifice Plate.															
68		16:00:00	43.00	12.70	60.33	6619	9	276	1758	18.92	10	155.60	12.97	100	0.00	0.00	0.03	1.25	
69				Increase Heater Temp.															
70		16:30:00	43.50			6516	10	276	1724	18.42	16	150.22	16.15						
71				Pumping Methanol Across Choke.															
72		17:00:00	44.00			6619	10	276	1724	18.92	24	149.90	19.28		0.00	0.00	0.00	1.25	
73		17:30:00	44.50			6619	10	276	1724	19.17	25	150.60	22.41						
74		18:00:00	45.00			6619	10	276	1793	19.17	25	153.54	25.58	100	0.00	0.00	0.01	1.26	
75				Gas Samples Obtained From Meter Run. # 00018206 # 00017865															
76		18:30:00	45.50			6619	10	276	1793	19.17	25	153.54	28.78						
77		19:00:00	46.00			6619	10	276	1793	18.92	25	152.53	31.96	100	0.00	0.00	0.01	1.27	
78		19:30:00	46.50			6619	11	276	1793	18.92	25	152.53	35.14						
79		20:00:00	47.00	12.70	60.33	6619	12	276	1793	18.92	25	152.53	38.32	100	0.00	0.00	0.01	1.28	
80		20:30:00	47.50			6619	14	276	1793	18.92	25	152.53	41.50						
81		21:00:00	48.00			6619	14	276	1793	18.67	25	151.52	44.66		0.00	0.00	0.00	1.28	
82		21:30:00	48.50			6585	14	276	1793	18.67	26	151.23	47.82						
83		22:00:00	49.00			6585	14	276	1793	18.67	26	151.23	50.97	100	0.00	0.00	0.01	1.29	8 19556
84				Grind Out of Fluid = 100 % H ₂ O Salinity = 19,556 ppm. PH = 8															
85		22:30:00	49.50			6585	14	310	1793	18.67	27	150.94	54.12						
86		23:00:00	50.00			6619	16	310	1793	18.67	27	150.94	57.26	100	0.00	0.00	0.01	1.30	8 19556
87		23:30:00	50.50			6619	17	310	1793	18.67	27	150.94	60.41						
88	2001/03/05	00:00:00	51.00			6619	17	310	1793	18.67	27	150.94	63.55	100	0.00	0.00	0.01	1.31	8 19556
89				H ₂ S = 14000ppm.(Gastec)															
90		00:30:00	51.50			6619	17	310	1793	18.67	27	150.94	66.69						
91		01:00:00	52.00			6619	17	310	1793	18.67	27	150.94	69.84		0.00	0.00	0.00	1.31	
92		01:30:00	52.50			6619	17	310	1793	18.67	27	150.94	72.98						
93		02:00:00	53.00			6619	17	310	1793	18.67	27	150.94	76.13		0.00	0.00	0.00	1.31	

2001/03/03 19:00:00 To 2001/03/04 18:00:00

Gas	25.577	Cum.	25.577 10 ³ m ³
Water	1.260	Cum.	1.260 m ³
Condensate	0.000	Cum.	0.000 m ³

PARAMOUNT RESOURCES LTD.
3/300—/
Start Date: 2001/03/03
Final Test Date: 2001/03/10

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum	Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³	ppm
94	2001/03/05				Condensate at Surface. Grindout = 100 % Oil													
95		02:30:00	53.50		6654	17	310	1793	18.92	28	151.67	79.28						
96		03:00:00	54.00		6654	18	310	1793	18.92	28	151.67	82.44	0	0.01	0.01	0.00	1.31	
97		03:30:00	54.50		6688	18	310	1793	18.92	28	151.67	85.60						
98		04:00:00	55.00		6688	18	310	1793	18.92	28	151.67	88.76	0	0.01	0.02	0.00	1.31	
99		04:30:00	55.50		6723	18	310	1793	18.92	28	151.67	91.92						
100		05:00:00	56.00		6723	18	310	1793	19.17	28	152.67	95.09	0	0.01	0.03	0.00	1.31	
101		05:30:00	56.50		6723	19	310	1793	19.17	29	152.38	98.27						
102		06:00:00	57.00	12.70 60.33	6723	19	310	1793	19.17	29	152.38	101.44	0	0.02	0.05	0.00	1.31	
103					Cum.Hrs on Test = 16													
104					Gas Flared in Last 16 Hrs. = 101.44*10 ³ m ³ .													
105					Water Produced = 1.31 m ³ Salinity = 19,556 ppm. PH = 8													
106					Oil Produced = 0.050 m ³ A.P.I. = 51.1 @ 15.6° C													
107					Choke Size = 12.70 mm													
108					Orifice Plate = 60.33 mm													
109		06:30:00	57.50	12.70 60.33	6723	19	310	1793	19.17	29	152.38	104.62						
110		07:00:00	58.00		6723	19	310	1793	19.17	28	152.67	107.80	0	0.01	0.06	0.00	1.31	
111		07:30:00	58.50		6723	19	310	1793	19.17	28	152.67	110.98						
112		08:00:00	59.00		6723	19	310	1793	19.17	27	152.96	114.16	0	0.00	0.06	0.00	1.31	
113		08:30:00	59.50		6723	19	310	1793	19.17	27	152.96	117.35						
114		09:00:00	60.00		6688	19	310	1793	19.17	25	153.54	120.54	0	0.01	0.07	0.00	1.31	
115		09:30:00	60.50		6688	19	310	1793	19.17	24	153.83	123.74						
116		10:00:00	61.00		6688	19	310	1793	19.17	24	153.83	126.95	0	0.00	0.07	0.00	1.31	
117		10:30:00	61.50		6688	19	310	1793	18.92	23	153.12	130.14						
118		11:00:00	62.00		6688	20	310	1793	18.92	23	153.12	133.33	0	0.01	0.08	0.00	1.31	
119		11:30:00	62.50		6654	20	310	1793	18.92	22	153.41	136.53						
120		12:00:00	63.00		6654	20	310	1793	18.92	22	153.41	139.72	0	0.00	0.08	0.00	1.31	
121		12:30:00	63.50		6654	20	310	1793	18.92	21	153.71	142.92						
122		13:00:00	64.00		6654	20	310	1793	18.92	21	153.71	146.12	0	0.01	0.09	0.00	1.31	
123		13:30:00	64.50		6654	20	310	1793	18.92	21	153.71	149.33						
124		14:00:00	65.00		6619	20	310	1793	18.92	21	153.71	152.53	0	0.01	0.10	0.00	1.31	

2001/03/04 18:00:00 To 2001/03/05 18:00:00
Gas 152.570 Cum. 178.147 10³m³
Water 0.050 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

		Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
	Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
125	2001/03/05	14:30:00	65.50			6619	20	310	1793	18.92	21	153.71	155.73							
126		15:00:00	66.00			6619	20	310	1793	18.92	21	153.71	158.93	0	0.01	0.11	0.00	1.31		
127		15:30:00	66.50			6654	20	310	1793	18.92	21	153.71	162.14							
128		16:00:00	67.00			6654	20	310	1793	18.92	21	153.71	165.34	0	0.01	0.12	0.00	1.31		
129				A.P.I. = 52.2 @ 15.6° C																
130		16:30:00	67.50			6654	20	310	1793	18.92	21	153.71	168.54							
131		17:00:00	68.00			6654	20	310	1793	18.92	21	153.71	171.74	0	0.01	0.13	0.00	1.31		
132		17:30:00	68.50			6619	20	310	1793	18.92	21	153.71	174.94							
133		18:00:00	69.00			6619	20	310	1793	18.92	21	153.71	178.15	0	0.01	0.14	0.00	1.31		
134		18:30:00	69.50			6619	20	310	1793	18.92	21	153.71	181.35							
135		19:00:00	70.00			6619	20	310	1793	18.92	21	153.71	184.55	0	0.01	0.15	0.00	1.31		
136		19:30:00	70.50			6619	20	414	1793	18.92	21	153.71	187.75							
137		20:00:00	71.00			6619	20	414	1793	18.92	21	153.71	190.96	0	0.01	0.16	0.00	1.31		
138		20:30:00	71.50			6619	20	414	1793	18.92	20	154.01	194.16							
139		21:00:00	72.00			6619	20	414	1793	18.92	20	154.01	197.37	0	0.01	0.17	0.00	1.31		
140		21:30:00	72.50			6619	20	414	1793	18.92	20	154.01	200.58							
141		22:00:00	73.00			6619	20	483	1793	18.92	20	154.01	203.79	0	0.01	0.17	0.00	1.31		
142		22:30:00	73.50			6619	21	483	1793	18.92	20	154.01	207.00							
143		23:00:00	74.00			6619	21	483	1793	18.92	20	154.01	210.20	0	0.01	0.18	0.00	1.31		
144		23:30:00	74.50			6619	21	483	1793	18.92	20	154.01	213.41							
145	2001/03/06	00:00:00	75.00			6619	21	552	1793	18.92	20	154.01	216.62	0	0.01	0.18	0.00	1.31		
146				H ² S = 12,000ppm . (Gastec) , API = 52.8 @ 15.6°C																
147		00:30:00	75.50			6619	21	552	1793	18.92	20	154.01	219.83							
148		01:00:00	76.00			6619	21	552	1793	18.92	19	154.31	223.04	0	0.01	0.19	0.00	1.31		
149		01:30:00	76.50			6619	21	552	1793	18.92	20	154.01	226.25							
150		02:00:00	77.00			6619	21	552	1793	18.92	21	153.71	229.46	0	0.01	0.19	0.00	1.31		
151		02:30:00	77.50			6619	21	552	1793	18.92	21	153.71	232.66							
152		03:00:00	78.00			6619	21	552	1793	18.92	21	153.71	235.86	0	0.01	0.20	0.00	1.31		
153		03:30:00	78.50			6619	21	552	1793	18.92	21	153.71	239.07							
154		04:00:00	79.00			6619	21	552	1793	18.92	21	153.71	242.27	0	0.01	0.20	0.00	1.31		
155		04:30:00	79.50			6619	21	552	1793	18.92	21	153.71	245.47							

2001/03/04 18:00:00 To 2001/03/05 18:00:00

Gas 152.570 Cum. 178.147 10³m³
Water 0.050 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
yyyy/mm/d	hh:mm:ss	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
2001/03/06	05:00:00	80.00			6619	21	552	1793	18.92	21	153.71	248.67	0	0.01	0.21	0.00	1.31		
	05:30:00	80.50			6619	21	552	1793	18.92	21	153.71	251.88							
	06:00:00	81.00	12.70	60.33	6619	21	552	1793	18.92	21	153.71	255.08	0	0.01	0.21	0.00	1.31		
159			Cum Hrs. On Test = 40Hrs.																
160			Total Gas Flared = 255.08*10 ³ m ³ .																
161			Gas Flared In Last 24Hrs. = 155.64*10 ³ m ³ .																
162			Total Fluid Produced = 1.525m ³																
163			Total Water Produced = 1.31m ³																
164			Water Produced In Last 24Hrs. = 0.00m ³																
165			Total Oil Produced = 0.210m ³																
166			Oil Produced In Last 24Hrs. = 0.160m ³ , API = 52.2 @ 15.6°C																
167			H ² S = 13000ppm.																
2001/03/06	06:30:00	81.50	12.70	60.33	6619	21	552	1793	18.67	22	152.39	258.27							
169	07:00:00	82.00			6619	21	552	1793	18.67	22	152.39	261.44	0	0.01	0.22	0.00	1.31		
170	07:30:00	82.50			6619	21	552	1793	18.67	22	152.39	264.62							
171	08:00:00	83.00			6619	21	552	1793	18.67	22	152.39	267.79	0	0.00	0.22	0.00	1.31		
172	08:30:00	83.50			6619	21	552	1793	18.67	22	152.39	270.97							
173	09:00:00	84.00			6619	21	552	1793	18.67	22	152.39	274.14	0	0.01	0.22	0.00	1.31		
174	09:30:00	84.50			6619	21	552	1793	18.67	22	152.39	277.32							
175	10:00:00	85.00			6619	21	552	1793	18.67	22	152.39	280.49	0	0.00	0.22	0.00	1.31		
176	10:30:00	85.50			6619	21	552	1793	18.67	22	152.39	283.67							
177	11:00:00	86.00			6619	21	552	1793	18.67	22	152.39	286.84	0	0.01	0.23	0.00	1.31		
178	11:30:00	86.50			6654	21	552	1793	18.67	22	152.39	290.02							
179	12:00:00	87.00			6654	21	552	1793	18.67	22	152.39	293.19	0	0.00	0.23	0.00	1.31		
180			A.P.I. = 51.9 @ 15.6° C H ² s = 13,000ppm.																
181	12:30:00	87.50			6654	21	552	1793	18.92	24	152.82	296.37							
182	13:00:00	88.00			6654	21	552	1793	18.92	24	152.82	299.55	0	0.01	0.23	0.00	1.31		
183	13:30:00	88.50			6654	21	552	1793	18.92	24	152.82	302.74							
184	14:00:00	89.00			6654	21	552	1793	18.92	24	152.82	305.92	0	0.00	0.23	0.00	1.31		
185	14:30:00	89.50			6619	21	586	1793	18.92	24	152.82	309.11							
186	15:00:00	90.00			6619	21	586	1793	18.67	24	151.81	312.28	0	0.01	0.23	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas 153.128 Cum. 331.275 10³m³
Water 0.000 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	Oil BSW	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
187	2001/03/06	15:30:00	90.50			6619	21	586	1793	18.67	24	151.81	315.44							
188		16:00:00	91.00			6619	21	621	1793	18.67	24	151.81	318.60	0	0.00	0.23	0.00	1.31		
189		16:30:00	91.50			6619	21	621	1793	18.67	24	151.81	321.77							
190		17:00:00	92.00			6619	21	621	1758	19.17	24	152.35	324.94	0	0.01	0.24	0.00	1.31		
191		17:30:00	92.50			6619	21	621	1758	19.17	24	152.35	328.11							
192		18:00:00	93.00	12.70	60.33	6619	21	621	1758	18.92	23	151.64	331.28	0	0.00	0.24	0.00	1.31		
193		18:30:00	93.50	12.70	60.33	6619	21	621	1758	18.92	23	151.64	334.43							
194		19:00:00	94.00			6619	21	621	1758	18.92	23	151.64	337.59	0	0.00	0.24	0.00	1.31		
195		19:30:00	94.50			6619	21	517	1758	18.92	23	151.64	340.75							
196		20:00:00	95.00			6550	21	517	1758	18.92	23	151.64	343.91	0	0.00	0.25	0.00	1.31		
197		20:30:00	95.50			6550	21	517	1758	18.92	23	151.64	347.07							
198		21:00:00	96.00			6550	21	517	1758	18.92	22	151.93	350.23	0	0.00	0.25	0.00	1.31		
199		21:30:00	96.50			6550	21	517	1758	18.92	22	151.93	353.40							
200		22:00:00	97.00			6550	21	517	1758	18.92	22	151.93	356.56	0	0.00	0.25	0.00	1.31		
201		22:30:00	97.50			6550	21	517	1758	18.92	22	151.93	359.73							
202		23:00:00	98.00			6550	21	517	1758	18.92	22	151.93	362.89	0	0.00	0.26	0.00	1.31		
203		23:30:00	98.50			6550	21	517	1758	18.92	22	151.93	366.06							
204	2001/03/07	00:00:00	99.00			6550	21	517	1758	18.92	22	151.93	369.22	0	0.00	0.26	0.00	1.31		
205				H ₂ S = 10000ppm , API = 51.3 @ 15.6°C.																
206		00:30:00	99.50			6550	21	517	1758	18.92	22	151.93	372.39							
207		01:00:00	100.00			6585	21	517	1758	18.92	22	151.93	375.55	0	0.00	0.26	0.00	1.31		
208		01:30:00	100.50			6585	21	517	1758	18.92	22	151.93	378.72							
209		02:00:00	101.00			6585	21	517	1758	18.68	22	150.96	381.88	0	0.00	0.26	0.00	1.31		
210		02:30:00	101.50			6585	21	517	1758	18.68	22	150.96	385.02							
211		03:00:00	102.00			6585	21	517	1758	18.68	22	150.96	388.17	0	0.00	0.27	0.00	1.31		
212		03:30:00	102.50			6585	21	517	1758	18.68	22	150.96	391.31							
213		04:00:00	103.00			6585	21	517	1758	18.68	22	150.96	394.46	0	0.00	0.27	0.00	1.31		
214		04:30:00	103.50			6585	21	552	1758	18.68	22	150.96	397.60							
215		05:00:00	104.00			6585	21	552	1758	18.68	22	150.96	400.75	0	0.01	0.27	0.00	1.31		
216		05:30:00	104.50			6585	21	552	1758	18.68	22	150.96	403.89							
217		06:00:00	105.00			6585	21	552	1758	18.68	22	150.96	407.04	0	0.00	0.28	0.00	1.31		

2001/03/05 18:00:00 To 2001/03/06 18:00:00

Gas 153.128 Cum. 331.275 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
218	2001/03/07	06:30:00	105.50			6585	21	552	1758	18.92	22	151.93	410.19							
219		07:00:00	106.00			6585	21	552	1758	18.92	22	151.93	413.36	0	0.00	0.28	0.00	1.31		
220		07:30:00	106.50			6585	21	552	1758	18.92	22	151.93	416.52							
221		08:00:00	107.00			6585	21	552	1758	18.92	22	151.93	419.69	0	0.00	0.28	0.00	1.31		
222		08:30:00	107.50			6585	21	552	1758	18.92	22	151.93	422.85							
223		09:00:00	108.00			6585	21	552	1758	19.17	23	152.64	426.02	0	0.00	0.29	0.00	1.31		
224		09:30:00	108.50			6619	21	552	1758	19.17	23	152.64	429.20							
225		10:00:00	109.00			6619	21	586	1758	19.17	24	152.35	432.38	0	0.00	0.29	0.00	1.31		
226		10:30:00	109.50			6619	21	586	1758	19.17	24	152.35	435.55							
227		11:00:00	110.00			6619	21	621	1758	19.17	23	152.64	438.73	0	0.00	0.29	0.00	1.31		
228		11:30:00	110.50			6619	21	621	1758	19.17	23	152.64	441.91							
229		12:00:00	111.00			6619	21	621	1758	19.17	23	152.64	445.09	0	0.00	0.30	0.00	1.31		
230		12:30:00	111.50			6619	21	621	1758	18.92	22	151.93	448.26							
231		13:00:00	112.00			6619	21	621	1758	18.92	22	151.93	451.43	0	0.00	0.30	0.00	1.31		
232		13:30:00	112.50			6619	21	621	1758	18.92	22	151.93	454.59							
233		14:00:00	113.00			6619	21	621	1758	18.92	22	151.93	457.76	0	0.00	0.30	0.00	1.31		
234		14:30:00	113.50			6619	21	621	1758	18.92	22	151.93	460.93							
235		15:00:00	114.00			6619	21	621	1758	18.92	22	151.93	464.09	0	0.00	0.30	0.00	1.31		
236		15:30:00	114.50			6619	21	621	1758	19.17	22	152.93	467.27							
237		16:00:00	115.00			6585	21	621	1758	19.17	22	152.93	470.45	0	0.00	0.31	0.00	1.31		
238		16:30:00	115.50			6585	21	621	1758	19.17	22	152.93	473.64							
239		17:00:00	116.00			6585	21	621	1758	19.17	22	152.93	476.82	0	0.00	0.31	0.00	1.31		
240		17:30:00	116.50			6585	21	621	1758	19.17	22	152.93	480.01							
241		18:00:00	117.00	12.70	60.33	6585	21	621	1758	19.17	22	152.93	483.20	0	0.00	0.31	0.00	1.31		
242				Gas Flared in Last 24 Hrs. = 151.92*10 ³ m ³ .										Cum. Gas = 483.20*10 ³ m ³ .						
243				Water Produced in Last 24 Hrs. = 0.00 m ³										Cum. Water = 1.31 m ³						
244				Oil Produced in Last 24 Hrs. = 0.036 m ³										Cum. Oil = 0.313 m ³						
245				Cum. Fluid Produced = 1.623 m ³																
246				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																
247				Tubing Pressure High = 6619 kpa. Tubing Pressure Low = 6550 kpa.																
248				Tubing Temp = 21° C																

2001/03/06 18:00:00 To 2001/03/07 18:00:00

Gas 151.921 Cum. 483.197 10³m³
Water 0.000 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum		Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
249	2001/03/07				Choke Size = 12.70 mm Orifice Plate = 60.33 mm														
250					Gas Rate at 18:00 Hrs. = 152.93*10 ³ m ³ .														
251					Cum. Hrs. on Test = 76														
252		18:30:00	117.50	12.70	60.33	6585	21	621	1758	19.17	22	152.93	486.38						
253		19:00:00	118.00			6585	21	621	1758	19.17	22	152.93	489.57	0	0.00	0.31	0.00	1.31	
254		19:30:00	118.50			6550	21	621	1758	19.17	23	152.64	492.75						
255		20:00:00	119.00			6550	21	552	1758	19.17	23	152.64	495.93	0	0.01	0.32	0.00	1.31	
256		20:30:00	119.50			6550	21	552	1758	19.17	23	152.64	499.11						
257		21:00:00	120.00			6550	21	552	1758	19.17	23	152.64	502.29	0	0.01	0.32	0.00	1.31	
258		21:30:00	120.50			6550	21	552	1758	19.17	23	152.64	505.47						
259		22:00:00	121.00			6550	21	552	1758	18.92	23	151.64	508.64	0	0.00	0.33	0.00	1.31	
260		22:30:00	121.50			6550	21	552	1758	18.92	23	151.64	511.80						
261		23:00:00	122.00			6550	21	552	1758	18.92	23	151.64	514.96	0	0.01	0.33	0.00	1.31	
262		23:30:00	122.50			6585	21	552	1758	18.92	22	151.93	518.12						
263	2001/03/08	00:00:00	123.00			6585	21	552	1758	18.92	22	151.93	521.29	0	0.01	0.34	0.00	1.31	
264						H ² S = 7000ppm API = 51.1 @ 15.6°C													
265		00:30:00	123.50			6585	21	552	1758	18.92	22	151.93	524.45						
266		01:00:00	124.00			6585	21	552	1758	18.92	22	151.93	527.62	0	0.01	0.34	0.00	1.31	
267		01:30:00	124.50			6550	21	552	1758	18.92	22	151.93	530.78						
268		02:00:00	125.00			6550	21	552	1758	18.92	22	151.93	533.95	0	0.01	0.35	0.00	1.31	
269		02:30:00	125.50			6550	21	552	1758	18.92	22	151.93	537.11						
270		03:00:00	126.00			6550	21	552	1758	18.92	22	151.93	540.28	0	0.01	0.35	0.00	1.31	
271		03:30:00	126.50			6550	21	552	1758	18.92	22	151.93	543.44						
272		04:00:00	127.00			6550	21	552	1758	18.92	22	151.93	546.61	0	0.01	0.36	0.00	1.31	
273		04:30:00	127.50			6550	21	552	1758	18.92	22	151.93	549.77						
274		05:00:00	128.00			6550	21	552	1758	18.92	22	151.93	552.94	0	0.01	0.36	0.00	1.31	
275		05:30:00	128.50			6550	21	552	1758	18.92	22	151.93	556.10						
276		06:00:00	129.00			6550	21	552	1758	18.92	22	151.93	559.27	0	0.01	0.37	0.00	1.31	
277		06:30:00	129.50			6550	21	552	1758	18.92	22	151.93	562.43						
278		07:00:00	130.00			6550	21	552	1758	18.92	21	152.22	565.60	0	0.00	0.37	0.00	1.31	
279		07:30:00	130.50			6550	21	552	1758	18.92	21	152.22	568.77						

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas 152.176 Cum. 635.372 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	Oil BSW	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³		ppm
280	2001/03/08	08:00:00	131.00			6550	21	552	1758	18.92	21	152.22	571.95	0	0.00	0.37	0.00	1.31		
281		08:30:00	131.50			6550	21	552	1758	18.92	21	152.22	575.12							
282		09:00:00	132.00			6550	21	552	1758	18.92	21	152.22	578.29	0	0.00	0.37	0.00	1.31		
283		09:30:00	132.50			6550	21	552	1758	18.92	21	152.22	581.46							
284		10:00:00	133.00			6550	21	552	1758	18.92	21	152.22	584.63	0	0.00	0.38	0.00	1.31		
285		10:30:00	133.50			6550	21	552	1758	18.92	21	152.22	587.80							
286		11:00:00	134.00			6550	21	552	1758	18.92	21	152.22	590.97	0	0.00	0.38	0.00	1.31		
287		11:30:00	134.50			6550	21	552	1758	18.92	21	152.22	594.15							
288		12:00:00	135.00			6550	21	552	1758	18.92	21	152.22	597.32	0	0.00	0.38	0.00	1.31		
289				Gas Samples Taken From Meter Run, # 00021788, # 00017431																
290		12:30:00	135.50			6550	21	552	1758	18.92	21	152.22	600.49							
291		13:00:00	136.00			6550	21	552	1758	18.92	21	152.22	603.66	0	0.00	0.39	0.00	1.31		
292		13:30:00	136.50			6550	21	552	1758	18.92	21	152.22	606.83							
293		14:00:00	137.00			6550	21	552	1758	18.92	21	152.22	610.00	0	0.00	0.39	0.00	1.31		
294		14:30:00	137.50			6550	21	552	1758	18.92	21	152.22	613.17							
295		15:00:00	138.00			6550	21	552	1758	18.92	21	152.22	616.34	0	0.00	0.39	0.00	1.31		
296		15:30:00	138.50			6550	21	552	1758	18.92	21	152.22	619.52							
297		16:00:00	139.00			6550	21	553	1758	18.92	21	152.22	622.69	0	0.00	0.40	0.00	1.31		
298		16:30:00	139.50			6550	21	552	1758	18.92	21	152.22	625.86							
299		17:00:00	140.00			6550	21	552	1758	18.92	21	152.22	629.03	0	0.00	0.40	0.00	1.31		
300		17:30:00	140.50			6550	21	552	1758	18.92	21	152.22	632.20							
301		18:00:00	141.00	12.70	60.33	6550	21	552	1758	18.92	21	152.22	635.37	0	0.00	0.40	0.00	1.31		
302				Gas Flared in Last 24 Hrs. = 152.17*10 ³ m ³ . Cum. Gas = 635.37*10 ³ m ³ .																
303				Water Produced in Last 24 Hrs. = 0.00 m ³ Cum. Water = 1.31 m ³																
304				Oil Produced in Last 24 Hrs. = 0.089 m ³ Cum. Oil = 0.402 m ³																
305				Cum. Fluid Produced = 1.712 m ³																
306				Grindout = 100 % Oil A.P.I. = 52.2 @ 15.6° C																
307				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.																
308				Tubing Temp. = 21° C																
309				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																
310				Gas Rate at 18:00 Hrs. = 152.22*10 ³ m ³ .																

2001/03/07 18:00:00 To 2001/03/08 18:00:00

Gas 152.176 Cum. 635.372 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Clock	Cum	Choke Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum	Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	ppm
311	2001/03/08				Cum. Hrs. on Test = 100												
312		18:30:00	141.50	12.70	60.33	6550	21	552	1758	18.92	20	152.52	638.55				
313		19:00:00	142.00			6550	21	552	1758	18.92	20	152.52	641.72	0	0.00	0.41	0.00 1.31
314		19:30:00	142.50			6550	21	552	1758	18.92	20	152.52	644.90				
315		20:00:00	143.00			6550	21	552	1758	18.92	21	152.22	648.08	0	0.00	0.41	0.00 1.31
316		20:30:00	143.50			6550	21	552	1758	18.92	21	152.22	651.25				
317		21:00:00	144.00			6550	21	552	1758	18.92	21	152.22	654.42	0	0.00	0.41	0.00 1.31
318		21:30:00	144.50			6550	21	552	1758	18.92	21	152.22	657.59				
319		22:00:00	145.00			6550	21	552	1758	18.92	21	152.22	660.76	0	0.00	0.41	0.00 1.31
320		22:30:00	145.50			6550	21	552	1758	18.92	21	152.22	663.93				
321		23:00:00	146.00			6550	21	552	1758	18.92	21	152.22	667.10	0	0.00	0.42	0.00 1.31
322		23:30:00	146.50			6550	21	552	1758	18.92	21	152.22	670.28				
323	2001/03/09	00:00:00	147.00			6550	21	552	1758	18.68	21	151.25	673.44	0	0.00	0.42	0.00 1.31
324						H ² S = 7000ppm API = 51.1 @ 15.6°C											
325		00:30:00	147.50			6550	21	552	1758	18.68	21	151.25	676.59				
326		01:00:00	148.00			6550	21	552	1758	18.68	21	151.25	679.74	0	0.01	0.42	0.00 1.31
327		01:30:00	148.50			6550	21	552	1758	18.68	21	151.25	682.89				
328		02:00:00	149.00			6550	21	552	1758	18.68	21	151.25	686.04	0	0.01	0.43	0.00 1.31
329		02:30:00	149.50			6550	21	552	1758	18.68	21	151.25	689.19				
330		03:00:00	150.00			6550	21	552	1758	18.68	21	151.25	692.34	0	0.01	0.44	0.00 1.31
331		03:30:00	150.50			6550	21	552	1758	18.68	20	151.55	695.50				
332		04:00:00	151.00			6550	21	552	1758	18.68	20	151.55	698.66	0	0.01	0.44	0.00 1.31
333		04:30:00	151.50			6550	21	552	1758	18.68	20	151.55	701.81				
334		05:00:00	152.00			6550	21	552	1758	18.68	20	151.55	704.97	0	0.01	0.45	0.00 1.31
335		05:30:00	152.50			6550	21	552	1758	18.68	20	151.55	708.13				
336		06:00:00	153.00			6550	21	552	1758	18.68	20	151.55	711.28	0	0.01	0.45	0.00 1.31
337						H ² S = 7000ppm API = 51 @ 15.6°C											
338		06:30:00	153.50			6550	21	552	1758	18.68	20	151.55	714.44				
339		07:00:00	154.00			6550	21	552	1758	18.68	20	151.55	717.60	0	0.01	0.46	0.00 1.31
340		07:30:00	154.50			6550	21	552	1758	18.68	20	151.55	720.76				
341		08:00:00	155.00			6550	21	552	1758	18.68	20	151.55	723.91	0	0.01	0.46	0.00 1.31

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas 151.748 Cum. 787.121 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

PARAMOUNT RESOURCES LTD.
3/300—/
Start Date: 2001/03/03
Final Test Date: 2001/03/10

FieldNotes

Field Measurements

PARA et al SWEDE A-73
Formation: SULPHUR POINT
Pool: UNDEFINED
Job Number: 066

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
342	2001/03/09	08:30:00	155.50			6550	21	552	1758	18.68	20	151.55	727.07							
343		09:00:00	156.00			6550	21	552	1758	18.68	20	151.55	730.23	0	0.01	0.46	0.00	1.31		
344		09:30:00	156.50			6550	21	552	1758	18.68	21	151.25	733.38							
345		10:00:00	157.00			6550	21	552	1758	18.68	21	151.25	736.53	0	0.01	0.47	0.00	1.31		
346		10:30:00	157.50			6550	21	552	1758	18.68	22	150.96	739.68							
347		11:00:00	158.00			6550	21	552	1758	18.68	22	150.96	742.83	0	0.00	0.47	0.00	1.31		
348		11:30:00	158.50			6585	21	586	1758	18.92	24	151.35	745.97							
349		12:00:00	159.00			6585	21	586	1758	18.92	24	151.35	749.13	0	0.00	0.48	0.00	1.31		
350		12:30:00	159.50			6585	21	586	1758	18.92	24	151.35	752.28							
351		13:00:00	160.00			6585	21	586	1758	18.92	24	151.35	755.43	0	0.00	0.48	0.00	1.31		
352		13:30:00	160.50			6585	21	586	1758	18.92	24	151.35	758.59							
353		14:00:00	161.00			6586	21	586	1758	18.92	24	151.35	761.74	0	0.00	0.48	0.00	1.31		
354		14:30:00	161.50			6550	21	586	1758	19.17	24	152.35	764.90							
355		15:00:00	162.00			6550	21	586	1758	19.17	24	152.35	768.08	0	0.00	0.49	0.00	1.31		
356		15:30:00	162.50			6550	21	586	1758	19.17	24	152.35	771.25							
357		16:00:00	163.00			6550	21	586	1758	19.17	24	152.35	774.43	0	0.00	0.49	0.00	1.31		
358		16:30:00	163.50			6550	21	586	1758	19.17	24	152.35	777.60							
359		17:00:00	164.00			6550	21	586	1758	19.17	24	152.35	780.77	0	0.00	0.49	0.00	1.31		
360		17:30:00	164.50			6550	21	586	1758	19.17	24	152.35	783.95							
361		18:00:00	165.00	12.70	60.33	6550	21	586	1758	19.17	24	152.35	787.12	0	0.00	0.49	0.00	1.31		
362				Gas Flared in Last 24 Hrs. = 151.95*10 ³ m ³ .										Cum. Gas = 787.12*10 ³ m ³ .						
363				Water Produced in Last 24 = 0.00 m ³										Cum. Water = 1.31 m ³						
364				Oil Produced in Last 24 Hrs. = 0.092 m ³										Cum. Oil = 0.494 m ³						
365				Cum. Fluid Produced = 1.804 m ³																
366				Grindout = 100 % Oil A.P.I. = 52.0 @ 15.6° C																
367				Tubing Pressure High = 6585 kpa. Tubing Pressure Low = 6550 kpa.																
368				Tubing Temp = 21° C H ² s = 0.8 %																
369				Gas Rate at 18:00 Hrs. = 152.35*10 ³ m ³ .																
370				Choke Size = 12.70 mm Orifice Plate = 60.33 mm																
371				Cum. Hrs. = 124																
372		18:30:00	165.50	12.70	60.33	6550	21	586	1758	19.17	24	152.35	790.29							

2001/03/08 18:00:00 To 2001/03/09 18:00:00

Gas 151.748 Cum. 787.121 10³m³
Water 0.000 Cum. 1.310 m³
Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	BSW %	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
	yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³		m ³ /d	m ³	m ³	m ³		ppm
373	2001/03/09	19:00:00	166.00			6550	21	586	1758	19.17	24	152.35	793.47	0	0.00	0.50	0.00	1.31		
374		19:30:00	166.50			6550	21	586	1758	19.17	24	152.35	796.64							
375		20:00:00	167.00			6550	21	586	1758	19.17	24	152.35	799.82	0	0.00	0.50	0.00	1.31		
376		20:30:00	167.50			6550	21	586	1758	19.17	24	152.35	802.99							
377		21:00:00	168.00			6550	21	586	1758	19.17	24	152.35	806.16	0	0.00	0.50	0.00	1.31		
378		21:30:00	168.50			6550	21	586	1758	19.17	24	152.35	809.34							
379		22:00:00	169.00			6550	21	586	1758	19.17	24	152.35	812.51	0	0.00	0.51	0.00	1.31		
380		22:30:00	169.50			6550	21	586	1758	19.17	24	152.35	815.69							
381		23:00:00	170.00			6550	21	586	1758	19.17	24	152.35	818.86	0	0.00	0.51	0.00	1.31		
382		23:30:00	170.50			6550	21	586	1758	19.17	24	152.35	822.03							
383	2001/03/10	00:00:00	171.00			6550	21	586	1758	18.68	22	150.96	825.19	0	0.00	0.51	0.00	1.31		
384				H ₂ S = 7000ppm API = 51.2 @ 15.6°C																
385		00:30:00	171.50			6550	21	586	1758	18.68	22	150.96	828.34							
386		01:00:00	172.00			6550	21	586	1758	18.68	22	150.96	831.48	0	0.00	0.52	0.00	1.31		
387		01:30:00	172.50			6550	21	586	1758	18.68	22	150.96	834.63							
388		02:00:00	173.00			6550	21	586	1758	18.68	22	150.96	837.77	0	0.00	0.52	0.00	1.31		
389		02:30:00	173.50			6550	21	586	1758	18.68	22	150.96	840.92							
390		03:00:00	174.00			6550	21	586	1758	18.68	22	150.96	844.06	0	0.00	0.52	0.00	1.31		
391		03:30:00	174.50			6550	21	586	1758	18.68	22	150.96	847.21							
392		04:00:00	175.00			6550	21	586	1758	18.68	22	150.96	850.35	0	0.00	0.52	0.00	1.31		
393		04:30:00	175.50			6550	21	586	1758	18.68	22	150.96	853.50							
394		05:00:00	176.00			6550	21	586	1758	18.68	22	150.96	856.64	0	0.00	0.53	0.00	1.31		
395		05:30:00	176.50			6550	21	586	1758	18.68	22	150.96	859.79							
396		06:00:00	177.00			6550	21	586	1758	18.68	22	150.96	862.93	0	0.00	0.53	0.00	1.31		
397		06:30:00	177.50			6550	21	586	1758	18.68	22	150.96	866.08							
398		07:00:00	178.00			6550	21	586	1758	18.68	22	150.96	869.22	0	0.01	0.54	0.00	1.31		
399		07:30:00	178.50			6550	21	586	1758	18.68	22	150.96	872.37							
400		08:00:00	179.00			6550	21	586	1758	18.68	22	150.96	875.51	0	0.01	0.54	0.00	1.31		
401		08:30:00	179.50			6550	21	586	1758	18.68	22	150.96	878.66							
402		09:00:00	180.00			6550	21	586	1758	18.68	22	150.96	881.80	0	0.01	0.55	0.00	1.31		
403		09:30:00	180.50			6550	21	586	1758	18.68	22	150.96	884.95							

2001/03/09 18:00:00 To 2001/03/10 14:00:00

Gas 100.973 Cum. 888.094 10³m³
 Water 0.000 Cum. 1.310 m³
 Condensate 0.000 Cum. 0.000 m³

FieldNotes

Field Measurements

	Clock	Cum	Choke	Orifice	Tbg	Tbg	Csg	Static	Diff	Mete	Gas	Cum	Oil	Cum	Inc	Water		
Date	Time	Time	Size	Size	Pres	Tem	Pres	Pres	Pres	Tem	Rate	Gas	BSW	Vol	Oil	Water	Vol	pH
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³	m ³	ppm
404	2001/03/10	10:00:00	181.00	12.70	60.33	6550	21	586	1758	18.68	22	150.96	888.09	0	0.01	0.55	0.00	1.31
405		10:01:00	181.02		0.00				0	0.00	0	0.00	888.09					
406		10:01:00	181.02	Shut in Well, Record Build up. Start to Rig out Equipment.														
407		10:05:00	181.08			7998												
408		10:10:00	181.17			8274												
409		10:15:00	181.25			8343												
410		10:30:00	181.50			8377												
411		10:45:00	181.75			8446												
412		11:00:00	182.00			8481												
413		11:30:00	182.50			8515												
414		12:00:00	183.00			8515												
415		12:30:00	183.50			8515												
416		13:00:00	184.00			8550												
417		13:30:00	184.50			8550												
418		14:00:00	185.00			8584												
419				End of Build ups.														
420				DAY SUMMARY														
421				Gas Flared in Last 16 Hrs. = 100.97*10 ³ m ³ .														
422				Water Produced in Last 16 Hrs. = 0.00 m ³														
423				Oil Produced in Last 16 Hrs. = 0.056 m ³														
424				Tubing Pressure High = 6550 kpa Tubing Pressure Low = 6550 kpa														
425																		
426				JOB SUMMARY:														
427				Cum. Gas Flared = 888.09*10 ³ m ³ .														
428				Cum. Water Produced = 1.31 m ³														
429				Cum. Oil Produced = 0.550 m ³														
430				Cum. Fluid Produced = 1.860 m ³														
431				Grindout = 100% Oil A.P.I. = 52.2 @ 15.6° C														
432				Tubing Temp = 21° C H ₂ S = 0.8 %														
433				Gas Rate at Shut in = 150.96*10 ³ m ³ .														
434				Choke Size = 12.70 mm Orifice Plate = 60.33 mm														

PARAMOUNT RESOURCES LTD.

3/300—/

Start Date: 2001/03/03

Final Test Date: 2001/03/10

FieldNotes

Field Measurements

PARA et al SWEDE A-73

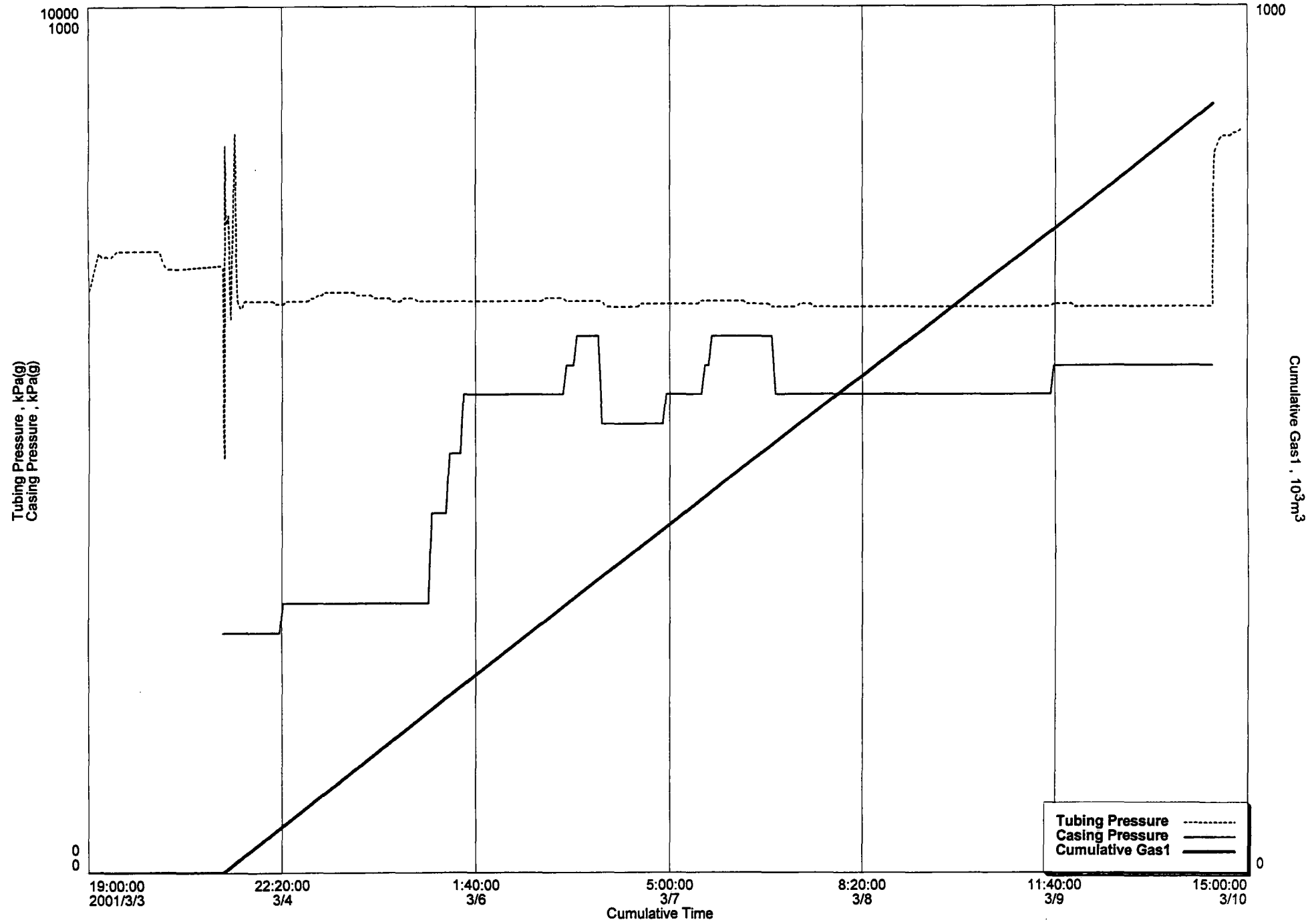
Formation: SULPHUR POINT

Pool: UNDEFINED

Job Number: 066

Date	Clock Time	Cum Time	Choke Size	Orifice Size	Tbg Pres	Tbg Tem	Csg Pres	Static Pres	Diff Pres	Mete Tem	Gas Rate	Cum Gas	Oil Vol	Cum Oil	Inc Water	Water Vol	pH	Salinity
yyyy/mm/d	hh:mm:s	hr	mm	mm	kPa(g)	°C	kPa(g)	kPa(g)	kPa	°C	10 ³ m ³ /d	10 ³ m ³	%	m ³ /d	m ³	m ³		ppm

435	2001/03/10		Cum. Hrs. on Test = 148.0															
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AGAT® Laboratories**GAS ANALYSIS**

Container Identification

17865E

Laboratory Number

GE70314E

Operator Name

PARAMOUNT RESOURCES LTD.

Unique Well Identifier

NOT AVAILABLE

Well Name

A73 PARAMOUNT et al SWEDE

Elevation

KB m 679.60 GRD m 675.60

Field or Area

SWEDE

Pool or Zone

~~SLAVE POINT~~

Sulphur Point

Sampler's Company

SOLID PRODUCTION SERVICES

Test Type

Test No.

Test Recovery

Name of Sampler

Test Interval or Perfs

Sampling Point

METER RUN

Separator

Reservoir

Source

Sampled

Received

Pressure (kPa)

1793

1793

1400

Temperature (°C)

25

25

21

Date Sampled

Mar 04, 2001

Date Received

Mar 30, 2001

Date Reported

Apr 09, 2001

Analyst

PL

Other Information

FIELD H₂S 1.2%

COMP	MOLE FRACTION		PETROLEUM LIQUID mL · m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0000	0.0000	
He	0.0010	0.0011	
N ₂	0.0173	0.0184	
CO ₂	0.0471	0.0000	
H ₂ S	0.0120	0.0000	
C ₁	0.8965	0.9529	
C ₂	0.0134	0.0142	
C ₃	0.0065	0.0069	23.9
IC ₄	0.0011	0.0012	4.8
NC ₄	0.0024	0.0026	10.1
IC ₅	0.0007	0.0007	3.4
IC ₅	0.0007	0.0007	3.4
C ₆	0.0007	0.0007	3.8
C ₇₊	0.0006	0.0006	3.8
Total	1.0000	1.0000	53.2

GROSS HEATING VALUE MJ/m³

15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free
36.56	38.51

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.638	0.586

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.1	4571	193.7

RELATIVE MOLECULAR MASS

Total Gas	C ₇₊
18.5	102.5

VAPOUR PRESSURE

(Pentanes +)

H₂S g/m³

75.46 kPa

17.26

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.



AGAT[®] Laboratories



GAS ANALYSIS

Container Identification

21788F

Laboratory Number

GE70314F

Operator Name

PARAMOUNT RESOURCES LTD.

Unique Well Identifier

NOT AVAILABLE

Well Name

A73 PARAMOUNT et al SWEDE

Elevation

KB m 679.60 GRD m 675.60

Field or Area

SWEDE

Pool or Zone

~~SLAVE POINT~~
Sulphur Point

Sampler's Company

SAME

Test Type

Test No.

Test Recovery

Name of Sampler

Test Interval or Perfs

Sampling Point

METER RUN

Separator

Reservoir

Source

Sampled

Received

Pressure (kPa)

1708

1708

1300

Temperature (°C)

21

21

21

Date Sampled

Mar 08, 2001

Date Received

Mar 30, 2001

Date Reported

Apr 09, 2001

Analyst

PL

Other Information

FIELD H₂S 0.8% LAB H₂S 1.26%

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H ₂	0.0007	0.0007	
He	0.0009	0.0010	
N ₂	0.0151	0.0160	
CO ₂	0.0457	0.0000	
H ₂ S	0.0126	0.0000	
C ₁	0.8993	0.9552	
C ₂	0.0133	0.0141	
C ₃	0.0066	0.0070	24.2
IC ₄	0.0010	0.0011	4.4
NC ₄	0.0024	0.0025	10.1
IC ₅	0.0007	0.0007	3.4
IC ₅	0.0007	0.0007	3.4
C ₆	0.0006	0.0006	3.3
C ₇₊	0.0004	0.0004	2.5
Total	1.0000	1.0000	51.3

GROSS HEATING VALUE MJ/m³

15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free
36.62	38.52

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.634	0.584

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4757	201.0	4573	193.6

RELATIVE MOLECULAR MASS

Total Gas	C ₇₊
18.4	100.2

VAPOUR PRESSURE
(Pentanes +)

82.84 kPa

H₂S g/m³

18.13

Note: Sampling Point, Unique Well Identifier and/or Pool or Zone information was unavailable at time of reporting. This information is integral to AGAT's WinFLUID, a comparison, history and trending analysis system.



5) Emergency Exit

**SOLID PRODUCTION SERVICES
PRE-JOB/SAFETY SUMMARY con't**

	H2S	First Aid	CPR	WHMIS	TDGR
<u>Allen Townsend</u> Senior Supervisor	☒	☒	☒	☒	☒
<u>Paul Lemay</u> Night Supervisor	☒	☒	☒	☐	☐
_____ Day Operator	☐	☐	☐	☐	☐
_____ Night Operator	☐	☐	☐	☐	☐
<u>Cory Slusarchuk</u> Day Assistant	☒	☒	☐	☐	☐
<u>Jason Lemay</u> Night Assistant	☒	☒	☐	☐	☐

Company Rep - Personnel and Equipment Checklist

Personnel

	Poor	Fair	Good	Excellent
Knowledge	☐	☐	☒	☐
Conduct	☐	☐	☐	☒

Equipment

	Poor	Fair	Good	Excellent
Condition	☐	☐	☐	☒
Performance	☐	☐	☐	☒
Cleanliness	☐	☐	☒	☐

Company Rep Comments

COMPANY REPRESENTATIVE


SOLID SENIOR SUPERVISOR

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources

JOB #: 066

LOCATION: A-73

FIELD:

OPERATED BY:

SAMPLE DATE: Mar. 4 /2001

TIME: 1800 hrs.

FLOW RATE #: 151.78 10³m³

FORMATION NAME AND ZONE: Slave Point

Sulphur Point

**SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412**

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00018206</u>	<u>1793 kpa</u>	<u>25°C</u>
	2. <u>00017865</u>	<u>1793kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u>Plastic</u>	<u> </u>	
	2. <u>Plastic</u>	<u> </u>	

STOCK TANK SAMPLES (WATER): 1

NO. OF SAMPLES (OIL OR CONDENSATE): 1

PRODUCTION RATES: GAS E3M[^]3/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6619 kpa

CASING

SEPARATOR 1793 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:

[Signature]

DATE:

**SOLID PRODUCTION SERVICES
SAMPLE INFORMATION & RECEIPT**

COMPANY: Paramount Resources

JOB #: 066

LOCATION: A-73

FIELD:

OPERATED BY:

SAMPLE DATE: Mar. 8 /2001

TIME: 1200 hrs.

FLOW RATE #: 150.48 10³m³

FORMATION NAME AND ZONE: Slave Point

Sulphur Point

SEND RESULTS TO COMPANY ABOVE AND SOLID PRODUCTION SERVICES LTD.
ATTN: LYNETTE CHILEEN FAX # 955-3412

	CONTAINER #	PRESSURE	TEMP DEG C
WELLHEAD SAMPLES	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. GAS	1. <u>00021788</u>	<u>1758 kpa</u>	<u>25°C</u>
	2. <u>00017431</u>	<u>1758kpa</u>	<u>25°C</u>
LOW PRESS. GAS	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
HIGH PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	
LOW PRESS. LIQUID	1. <u> </u>	<u> </u>	
	2. <u> </u>	<u> </u>	

STOCK TANK SAMPLES (WATER):

NO. OF SAMPLES (OIL OR CONDENSATE):

PRODUCTION RATES: GAS E3M[^]3/D OIL/COND M3D H2O M3D

PRESSURES: TUBING 6550 kpa

CASING

SEPARATOR 1758 kpa

SAMPLES DELIVERED TO: AGAT Labs.

BY:

SAMPLES RECEIVED BY:

Jonathan M. [Signature]

DATE: