

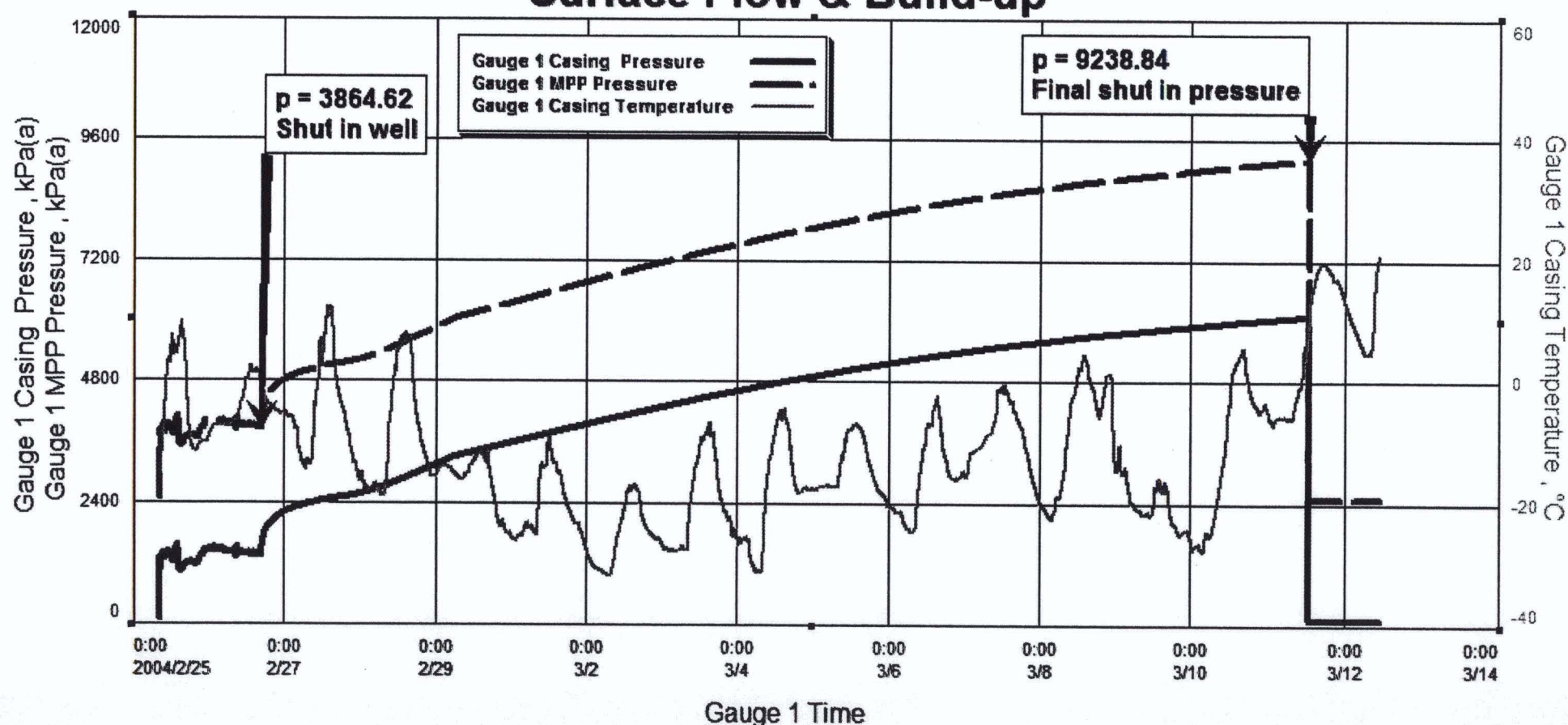
Prepared for:
David Duncan
Paramount Resources Ltd.
4700, Bankers Hall West
888-3rd Street, sw
Calgary, Alberta, T2P 5C5

Paramount et al Cameron
H-03 NWT
Sulphur Point
Surface Flow & Build-up
Feb. 25-Mar. 12, 2004

Paramount Resources Ltd.
H-03 NWT
Start Test Date: 2004/02/25
Final Test Date: 2004/03/12

Paramount et al Cameron
Formation: Sulphur Point
Pool: 1421.0 - 1425.0 mKB
Job Number: PRH03

Surface Flow & Build-up



GENERAL INFORMATION

Client Information:

Company: Paramount Resources Ltd.

Contact: David Duncan

Phone: 403-290-3657

Fax:

e-mail: david.duncan@paramountres.com

Site Information:

Contact: Ron McConnel

Phone: 780-841-9437

Fax:

e-mail:

Well Information:

Name: Paramount et al Cameron

Operator: Paramount Resources Ltd.

Location-Downhole: H-03 NWT

Location-Surface:

Test Information:

Company: Surface Solutions Inc.

Representative: Ian Scott

Supervisor: Mike Beck

Test Type: Surface Flow & Build-up

Job Number: PRH03

Test Unit: CalScan

Start Date: 2004/02/25

Start Time: 08:05:00

End Date: 2004/03/12

End Time: 10:59:00

Report Date: 2004/03/15

Prepared By: Helen Huang *HH*

Remarks:

Qualified By: David Leech *DL*

AEUB 2 kPa Rule = 61.48 kPa/h

CLIENT INFORMATION

Company: Paramount Resources Ltd.

Contact: David Duncan

Street 1: 4700 Bankers Hall West

Street 2: 888-3rd Street, SW

City: Calgary

Prov./State: Alberta

Country: Canada

Postal Code: T2P 5C5

Phone: 403-290-3657 Fax:

e-mail: david.duncan@paramountres.com

SITE INFORMATION

Contact: Ron McConnel

Phone: 780-841-9437 Fax:

e-mail:

Remarks

AEUB 2 kPa Rule = 61.48 kPa/h

WELL INFORMATION

Well Name : Paramount et al Cameron

Well Operator : Paramount Resources Ltd.

Well Location : H-03 NWT

Location-Surface :

Field : Cameron

Well Type : Vertical

Pool : 1421.0 - 1425.0 mKB

Formation : Sulphur Point

Perforation Type :			Producing Through : Tubing	Size	73.00mm
Pool Datum	m	CF	Elevation Referenced Fro	768.97m	KB
Datum Depth	mm	CF	Elevation Referenced To	764.50m	GL
			Offset	4.47m	

Production Intervals

Production Interval & MPP Reference To : CF

MPP Pressure Reference : None

	From - m	To - m	Depth - m	Pressure - kPa
1.	1421.00	1425.00	1.	1423.00
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.
H-03 NWT
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Recorder

Paramount et al Cameron
Formation: Sulphur Point
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Gauge 1

Gauge Serial Number	6150	Gauge Type	Surface
Gauge Manufacturer	CalScan	Maximum Recorder Range	41368.80 kPa
Run Depth	4.47 m	Date of Last Calibration	2003/09/17
Gauge Start Date	2004/02/25 08:05:04	Gauge Stop Date	2004/03/12 10:59:00
Date Gauge On Bottom	2004/02/25 08:05:04	Date Gauge Off Bottom	2004/03/12 10:59:00

Saturday, March 15, 2003 20:05:00

Data Inputs for a Static Well**Specific Gravities**

Oil API	0.85	g/cm ³
Water SG	1.07	Sp.Gr.H2O
Gas SG	0.76	(User Entered)

Temperatures

Surface Temperature	3	deg C
Bottomhole Temperature	55	deg C

Tubulars

Tubing OD	7.3025	cm
Casing OD	17.78	cm

Pressure Change

Casing Pressure	6108.9	kPa (a)
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Pressure Change	1	kPa
Time Change	1	min

Well Composition

Pump Intake Depth (MD)	1423.00	m
Datum Depth	1423.00	m
Liquid Depth	1161.60	m (User Entered)

Acoustic Velocity

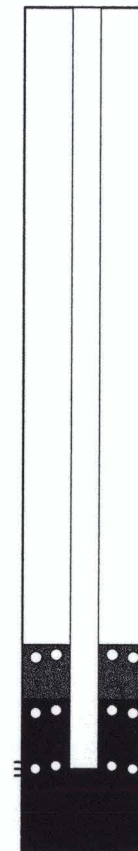
Acoustic Velocity	- * -	ft/s (User Entered)
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BHP Results**Measured Liquid Column Analysis**

Oil Column Height	116.18	m
Water Column Height	145.22	m

Pressure Analysis

Gas/Liquid Interface Pressure	6930.3	kPa (a)
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Static BHP
SBHP Method

9307.6 kPa (a)
Static Liquid Level

Comments
No Comments

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SURFACE SOLUTIONS INC.
SURFACE FLOW & BUILD-UP

Paramount et al Cameron
Formation: Sulphur Point
Pool: 1421.0 - 1425.0 mKB
Job Number: PRH03

	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1
	Date	Clk Time	Time	Casing Pres.	Casing	Calculated Pres.@ MPP	Gas Gradient
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa(a)	kPa/m
1	2004/02/25	08:05:04	0.0000	85.15	-9.13	2471.37	0.008
2	2004/02/25	09:34:59	1.4986	1257.94	-6.10	3770.91	0.117
3	2004/02/25	11:14:59	3.1653	1391.19	3.54	3919.36	0.130
4	2004/02/25	12:54:59	4.8319	1384.52	4.64	3911.94	0.129
5	2004/02/25	14:34:59	6.4986	1044.55	6.57	3533.91	0.096
6	2004/02/25	16:14:59	8.1653	1148.66	6.05	3649.50	0.106
7	2004/02/25	17:54:59	9.8319	1198.72	-8.67	3705.11	0.111
8	2004/02/25	19:34:59	11.4986	1170.31	-11.62	3673.54	0.108
9	2004/02/25	21:14:59	13.1653	1343.86	-10.40	3866.72	0.125
10	2004/02/25	22:54:59	14.8319	1441.26	-10.28	3975.07	0.135
11	2004/02/26	00:34:59	16.4986	1452.11	-8.45	3987.14	0.136
12	2004/02/26	02:14:59	18.1653	1467.92	-7.49	4004.74	0.137
13	2004/02/26	03:54:59	19.8319	1474.14	-7.55	4011.66	0.138
14	2004/02/26	05:34:59	21.4986	1420.13	-7.31	3951.56	0.133
15	2004/02/26	07:14:59	23.1653	1409.50	-6.77	3939.73	0.132
16	2004/02/26	08:54:59	24.8319	1482.12	-6.12	4020.54	0.139
17	2004/02/26	10:34:59	26.4986	1369.64	-3.12	3895.39	0.128
18	2004/02/26	12:14:59	28.1653	1390.87	0.28	3919.01	0.130
19	2004/02/26	13:54:59	29.8319	1368.00	1.34	3893.57	0.128
20	2004/02/26	15:34:59	31.4986	1360.64	1.00	3885.38	0.127
21	2004/02/26	16:25:59	32.3486	1341.98	0.34	3864.62	0.125
22			Shut in the well				
23	2004/02/26	16:26:59	32.3653	1353.28	0.38	3877.20	0.126
24	2004/02/26	17:13:59	33.1486	1673.85	-1.22	4234.02	0.157
25	2004/02/26	18:53:59	34.8153	1947.05	-4.12	4538.63	0.184
26	2004/02/26	20:33:59	36.4819	2051.33	-4.61	4655.01	0.195
27	2004/02/26	22:13:59	38.1486	2131.01	-5.44	4743.98	0.203
28	2004/02/26	23:53:59	39.8153	2194.80	-5.23	4815.24	0.209
29	2004/02/27	01:33:59	41.4819	2242.00	-6.19	4867.98	0.214
30	2004/02/27	03:13:59	43.1486	2280.48	-7.14	4910.99	0.218
31	2004/02/27	04:53:59	44.8153	2310.62	-11.43	4944.68	0.221
32	2004/02/27	06:33:59	46.4819	2336.69	-14.34	4973.83	0.224
33	2004/02/27	08:13:59	48.1486	2362.46	-13.93	5002.65	0.226
34	2004/02/27	09:53:59	49.8153	2390.57	-4.27	5034.09	0.229
35	2004/02/27	11:33:59	51.4819	2414.61	6.64	5060.97	0.232
36	2004/02/27	13:13:59	53.1486	2434.97	9.50	5083.76	0.234
37	2004/02/27	14:53:59	54.8153	2452.91	11.94	5103.82	0.236
38	2004/02/27	16:33:59	56.4819	2468.91	0.25	5121.72	0.237
39	2004/02/27	18:13:59	58.1486	2484.64	-4.16	5139.35	0.239
40	2004/02/27	19:53:59	59.8153	2500.21	-7.84	5156.78	0.240
41	2004/02/27	21:33:59	61.4819	2519.49	-11.95	5178.35	0.242
42	2004/02/27	23:13:59	63.1486	2542.71	-15.10	5204.34	0.245
43	2004/02/28	00:53:59	64.8153	2568.05	-15.87	5232.71	0.247
44	2004/02/28	02:33:59	66.4819	2595.62	-18.16	5263.59	0.250

Gauge 1 Serial Number: Start Date: 2004/02/25 08:05:04 Run Depth:
Print Filter: Print every 100th point

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H-03 NWT
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SURFACE SOLUTIONS INC.
SURFACE FLOW & BUILD-UP

Paramount et al Cameron
Formation: Sulphur Point
Pool: 1421.0 - 1425.0 mKB
Job Number: PRH03

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing Pres. kPa(a)	Gauge 1 Casing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m
45	2004/02/28	04:13:59	68.1486	2626.39	-17.63	5298.05	0.253
46	2004/02/28	05:53:59	69.8153	2658.89	-18.07	5334.44	0.257
47	2004/02/28	07:33:59	71.4819	2694.16	-18.89	5373.95	0.260
48	2004/02/28	09:13:59	73.1486	2735.93	-10.65	5420.76	0.265
49	2004/02/28	10:53:59	74.8153	2779.21	-0.17	5469.27	0.269
50	2004/02/28	12:33:59	76.4819	2821.71	6.03	5516.91	0.274
51	2004/02/28	14:13:59	78.1486	2864.18	7.54	5564.53	0.278
52	2004/02/28	15:53:59	79.8153	2908.09	6.75	5613.77	0.283
53	2004/02/28	17:33:59	81.4819	2951.28	-2.68	5662.23	0.287
54	2004/02/28	19:13:59	83.1486	2995.13	-8.38	5711.44	0.292
55	2004/02/28	20:53:59	84.8153	3039.52	-12.22	5761.26	0.297
56	2004/02/28	22:33:59	86.4819	3084.21	-15.29	5811.46	0.301
57	2004/02/29	00:13:59	88.1486	3130.79	-15.60	5863.77	0.306
58	2004/02/29	01:53:59	89.8153	3177.25	-14.26	5915.96	0.311
59	2004/02/29	03:33:59	91.4819	3224.44	-14.27	5969.00	0.316
60	2004/02/29	05:13:59	93.1486	3267.64	-14.83	6017.55	0.321
61	2004/02/29	06:53:59	94.8153	3298.98	-15.81	6052.79	0.324
62	2004/02/29	08:33:59	96.4819	3324.85	-16.39	6081.87	0.327
63	2004/02/29	10:13:59	98.1486	3349.60	-15.31	6109.71	0.330
64	2004/02/29	11:53:59	99.8153	3374.91	-13.67	6138.18	0.332
65	2004/02/29	13:33:59	101.4819	3399.89	-12.41	6166.28	0.335
66	2004/02/29	15:13:59	103.1486	3424.34	-12.39	6193.79	0.338
67	2004/02/29	16:53:59	104.8153	3449.47	-11.89	6222.07	0.340
68	2004/02/29	18:33:59	106.4819	3472.23	-18.17	6247.68	0.343
69	2004/02/29	20:13:59	108.1486	3497.59	-23.10	6276.22	0.345
70	2004/02/29	21:53:59	109.8153	3523.28	-23.58	6305.14	0.348
71	2004/02/29	23:33:59	111.4819	3549.46	-24.92	6334.61	0.351
72	2004/03/01	01:13:59	113.1486	3575.68	-26.20	6364.14	0.354
73	2004/03/01	02:53:59	114.8153	3601.27	-25.46	6392.96	0.357
74	2004/03/01	04:33:59	116.4819	3627.57	-23.99	6422.59	0.360
75	2004/03/01	06:13:59	118.1486	3653.57	-23.87	6451.88	0.362
76	2004/03/01	07:53:59	119.8153	3678.86	-25.26	6480.37	0.365
77	2004/03/01	09:33:59	121.4819	3707.07	-14.54	6512.17	0.368
78	2004/03/01	11:13:59	123.1486	3732.20	-14.36	6540.49	0.371
79	2004/03/01	12:53:59	124.8153	3759.16	-11.31	6570.88	0.374
80	2004/03/01	14:33:59	126.4819	3784.10	-13.79	6599.00	0.377
81	2004/03/01	16:13:59	128.1486	3808.50	-16.48	6626.52	0.379
82	2004/03/01	17:53:59	129.8153	3833.50	-20.14	6654.71	0.382
83	2004/03/01	19:33:59	131.4819	3858.31	-22.28	6682.70	0.385
84	2004/03/01	21:13:59	133.1486	3883.43	-23.57	6711.04	0.388
85	2004/03/01	22:53:59	134.8153	3908.42	-25.38	6739.23	0.390
86	2004/03/02	00:33:59	136.4819	3934.31	-28.28	6768.45	0.393
87	2004/03/02	02:13:59	138.1486	3960.19	-30.44	6797.66	0.396
88	2004/03/02	03:53:59	139.8153	3985.55	-31.05	6826.29	0.399

Gauge 1 Serial Number: Start Date: 2004/02/25 08:05:04 Run Depth:
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H-03 NWT
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SURFACE SOLUTIONS INC.
SURFACE FLOW & BUILD-UP

Paramount et al Cameron
Formation: Sulphur Point
Pool: 1421.0 - 1425.0 mKB
Job Number: PRH03

	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1
	Date	Clk Time	Time	Casing Pres.	Casing	Calculated Pres.@ MPP	Gas Gradient
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa(a)	kPa/m
89	2004/03/02	05:33:59	141.4819	4010.58	-31.58	6854.54	0.402
90	2004/03/02	07:13:59	143.1486	4035.27	-32.00	6882.42	0.404
91	2004/03/02	08:53:59	144.8153	4059.00	-29.41	6909.22	0.407
92	2004/03/02	10:33:59	146.4819	4082.41	-24.58	6935.67	0.410
93	2004/03/02	12:13:59	148.1486	4106.18	-20.65	6962.52	0.412
94	2004/03/02	13:53:59	149.8153	4130.32	-17.70	6989.79	0.415
95	2004/03/02	15:33:59	151.4819	4154.74	-16.96	7017.40	0.418
96	2004/03/02	17:13:59	153.1486	4177.49	-20.00	7043.12	0.420
97	2004/03/02	18:53:59	154.8153	4200.75	-24.03	7069.42	0.423
98	2004/03/02	20:33:59	156.4819	4224.28	-25.07	7096.01	0.426
99	2004/03/02	22:13:59	158.1486	4247.84	-26.03	7122.65	0.428
100	2004/03/02	23:53:59	159.8153	4271.10	-26.65	7148.95	0.431
101	2004/03/03	01:33:59	161.4819	4293.72	-27.46	7174.54	0.433
102	2004/03/03	03:13:59	163.1486	4316.80	-27.62	7200.65	0.436
103	2004/03/03	04:53:59	164.8153	4339.84	-27.90	7226.71	0.439
104	2004/03/03	06:33:59	166.4819	4362.16	-27.23	7251.96	0.441
105	2004/03/03	08:13:59	168.1486	4385.11	-26.95	7277.93	0.444
106	2004/03/03	09:53:59	169.8153	4407.27	-17.70	7303.02	0.446
107	2004/03/03	11:33:59	171.4819	4430.69	-12.83	7329.52	0.449
108	2004/03/03	13:13:59	173.1486	4453.71	-9.53	7355.59	0.452
109	2004/03/03	14:53:59	174.8153	4477.26	-7.15	7382.25	0.454
110	2004/03/03	16:33:59	176.4819	4498.15	-8.87	7405.90	0.457
111	2004/03/03	18:13:59	178.1486	4516.88	-17.56	7427.11	0.459
112	2004/03/03	19:53:59	179.8153	4537.67	-21.16	7450.66	0.461
113	2004/03/03	21:33:59	181.4819	4559.12	-22.54	7474.96	0.464
114	2004/03/03	23:13:59	183.1486	4580.53	-24.96	7499.22	0.466
115	2004/03/04	00:53:59	184.8153	4601.97	-25.97	7523.51	0.469
116	2004/03/04	02:33:59	186.4819	4623.41	-25.73	7547.80	0.471
117	2004/03/04	04:13:59	188.1486	4644.78	-28.88	7572.03	0.473
118	2004/03/04	05:53:59	189.8153	4666.95	-31.37	7597.16	0.476
119	2004/03/04	07:33:59	191.4819	4688.03	-30.97	7621.06	0.478
120	2004/03/04	09:13:59	193.1486	4708.04	-18.24	7643.76	0.481
121	2004/03/04	10:53:59	194.8153	4729.31	-12.04	7667.87	0.483
122	2004/03/04	12:33:59	196.4819	4751.11	-7.23	7692.60	0.486
123	2004/03/04	14:13:59	198.1486	4771.23	-6.55	7715.42	0.488
124	2004/03/04	15:53:59	199.8153	4791.17	-6.61	7738.04	0.490
125	2004/03/04	17:33:59	201.4819	4808.66	-13.76	7757.88	0.492
126	2004/03/04	19:13:59	203.1486	4826.66	-18.25	7778.30	0.494
127	2004/03/04	20:53:59	204.8153	4846.37	-18.04	7800.66	0.497
128	2004/03/04	22:33:59	206.4819	4865.69	-17.88	7822.59	0.499
129	2004/03/05	00:13:59	208.1486	4884.99	-17.90	7844.50	0.501
130	2004/03/05	01:53:59	209.8153	4904.05	-17.47	7866.13	0.503
131	2004/03/05	03:33:59	211.4819	4922.80	-17.41	7887.42	0.506
132	2004/03/05	05:13:59	213.1486	4941.52	-17.37	7908.67	0.508

Gauge 1 Serial Number: Start Date: 2004/02/25 08:05:04 Run Depth:
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Pool: 1421.0 - 1425.0 mKB
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	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1
	Date	Clk Time	Time	Casing Pres.	Casing	Calculated Pres.@ MPP	Gas Gradient
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa(a)	kPa/m
133	2004/03/05	06:53:59	214.8153	4960.12	-17.34	7929.80	0.510
134	2004/03/05	08:33:59	216.4819	4980.42	-14.54	7952.85	0.512
135	2004/03/05	10:13:59	218.1486	5000.26	-9.54	7975.39	0.515
136	2004/03/05	11:53:59	219.8153	5018.86	-8.00	7996.51	0.517
137	2004/03/05	13:33:59	221.4819	5037.55	-7.11	8017.75	0.519
138	2004/03/05	15:13:59	223.1486	5055.34	-7.90	8037.96	0.521
139	2004/03/05	16:53:59	224.8153	5072.26	-10.84	8057.19	0.523
140	2004/03/05	18:33:59	226.4819	5088.59	-14.52	8075.75	0.525
141	2004/03/05	20:13:59	228.1486	5105.21	-17.17	8094.63	0.527
142	2004/03/05	21:53:59	229.8153	5122.84	-18.54	8114.67	0.529
143	2004/03/05	23:33:59	231.4819	5139.96	-19.97	8134.13	0.531
144	2004/03/06	01:13:59	233.1486	5157.05	-20.93	8153.56	0.533
145	2004/03/06	02:53:59	234.8153	5173.94	-21.69	8172.76	0.535
146	2004/03/06	04:33:59	236.4819	5190.32	-22.40	8191.39	0.537
147	2004/03/06	06:13:59	238.1486	5207.17	-24.39	8210.56	0.539
148	2004/03/06	07:53:59	239.8153	5223.99	-24.83	8229.69	0.541
149	2004/03/06	09:33:59	241.4819	5241.42	-18.38	8249.52	0.543
150	2004/03/06	11:13:59	243.1486	5259.40	-11.08	8269.98	0.545
151	2004/03/06	12:53:59	244.8153	5276.78	-7.03	8289.74	0.547
152	2004/03/06	14:33:59	246.4819	5294.38	-4.04	8309.77	0.549
153	2004/03/06	16:13:59	248.1486	5309.54	-5.23	8327.02	0.551
154	2004/03/06	17:53:59	249.8153	5322.80	-12.36	8342.11	0.553
155	2004/03/06	19:33:59	251.4819	5336.89	-15.80	8358.15	0.554
156	2004/03/06	21:13:59	253.1486	5352.04	-15.98	8375.39	0.556
157	2004/03/06	22:53:59	254.8153	5367.14	-15.86	8392.58	0.558
158	2004/03/07	00:33:59	256.4819	5381.46	-15.95	8408.88	0.560
159	2004/03/07	02:13:59	258.1486	5397.34	-11.72	8426.97	0.562
160	2004/03/07	03:53:59	259.8153	5411.70	-11.42	8443.32	0.563
161	2004/03/07	05:33:59	261.4819	5425.86	-10.68	8459.44	0.565
162	2004/03/07	07:13:59	263.1486	5440.57	-9.07	8476.19	0.567
163	2004/03/07	08:53:59	264.8153	5454.74	-8.24	8492.33	0.568
164	2004/03/07	10:33:59	266.4819	5470.38	-4.06	8510.15	0.570
165	2004/03/07	12:13:59	268.1486	5484.72	-0.76	8526.49	0.572
166	2004/03/07	13:53:59	269.8153	5496.96	-1.95	8540.43	0.573
167	2004/03/07	15:33:59	271.4819	5509.68	-3.49	8554.92	0.575
168	2004/03/07	17:13:59	273.1486	5521.64	-6.09	8568.54	0.576
169	2004/03/07	18:53:59	274.8153	5533.58	-8.35	8582.15	0.578
170	2004/03/07	20:33:59	276.4819	5544.61	-12.65	8594.72	0.579
171	2004/03/07	22:13:59	278.1486	5556.05	-16.49	8607.76	0.581
172	2004/03/07	23:53:59	279.8153	5567.53	-19.65	8620.85	0.582
173	2004/03/08	01:33:59	281.4819	5579.78	-21.03	8634.81	0.583
174	2004/03/08	03:13:59	283.1486	5591.64	-22.56	8648.32	0.585
175	2004/03/08	04:53:59	284.8153	5604.65	-20.96	8663.16	0.586
176	2004/03/08	06:33:59	286.4819	5617.00	-18.38	8677.24	0.588

Gauge 1 Serial Number: Start Date: 2004/02/25 08:05:04 Run Depth:
Print Filter: Print every 100th point

Paramount Resources Ltd.
H-03 NWT
Start Test Date: 2004/02/25
Final Test Date: 2004/03/12

SURFACE SOLUTIONS INC.
SURFACE FLOW & BUILD-UP

Paramount et al Cameron
Formation: Sulphur Point
Pool: 1421.0 - 1425.0 mKB
Job Number: PRH03

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing Pres. kPa(a)	Gauge 1 Casing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m
177	2004/03/08	08:13:59	288.1486	5631.19	-12.75	8693.41	0.590
178	2004/03/08	09:53:59	289.8153	5646.53	-3.73	8710.90	0.591
179	2004/03/08	11:33:59	291.4819	5659.29	-0.68	8725.45	0.593
180	2004/03/08	13:13:59	293.1486	5671.24	2.00	8739.09	0.594
181	2004/03/08	14:53:59	294.8153	5682.95	3.37	8752.44	0.596
182	2004/03/08	16:33:59	296.4819	5693.03	-0.87	8763.94	0.597
183	2004/03/08	18:13:59	298.1486	5703.23	-4.35	8775.58	0.598
184	2004/03/08	19:53:59	299.8153	5715.44	-3.70	8789.50	0.600
185	2004/03/08	21:33:59	301.4819	5727.31	1.13	8803.05	0.601
186	2004/03/08	23:13:59	303.1486	5735.72	-4.15	8812.64	0.602
187	2004/03/09	00:53:59	304.8153	5743.54	-13.35	8821.56	0.603
188	2004/03/09	02:33:59	306.4819	5752.64	-15.29	8831.95	0.604
189	2004/03/09	04:13:59	308.1486	5762.61	-17.10	8843.33	0.606
190	2004/03/09	05:53:59	309.8153	5772.22	-20.43	8854.29	0.607
191	2004/03/09	07:33:59	311.4819	5782.14	-21.20	8865.61	0.608
192	2004/03/09	09:13:59	313.1486	5792.56	-21.96	8877.50	0.609
193	2004/03/09	10:53:59	314.8153	5802.57	-21.94	8888.93	0.610
194	2004/03/09	12:33:59	316.4819	5813.18	-18.84	8901.04	0.612
195	2004/03/09	14:13:59	318.1486	5823.92	-16.18	8913.30	0.613
196	2004/03/09	15:53:59	319.8153	5833.56	-16.60	8924.31	0.614
197	2004/03/09	17:33:59	321.4819	5842.02	-21.35	8933.96	0.615
198	2004/03/09	19:13:59	323.1486	5852.27	-23.58	8945.66	0.616
199	2004/03/09	20:53:59	324.8153	5862.58	-25.32	8957.43	0.618
200	2004/03/09	22:33:59	326.4819	5872.51	-24.39	8968.76	0.619
201	2004/03/10	00:13:59	328.1486	5882.81	-26.28	8980.53	0.620
202	2004/03/10	01:53:59	329.8153	5893.46	-26.74	8992.70	0.621
203	2004/03/10	03:33:59	331.4819	5903.34	-27.86	9003.97	0.623
204	2004/03/10	05:13:59	333.1486	5912.73	-24.83	9014.70	0.624
205	2004/03/10	06:53:59	334.8153	5923.04	-24.70	9026.47	0.625
206	2004/03/10	08:33:59	336.4819	5933.20	-20.00	9038.08	0.626
207	2004/03/10	10:13:59	338.1486	5943.66	-14.22	9050.02	0.628
208	2004/03/10	11:53:59	339.8153	5956.72	-5.34	9064.95	0.629
209	2004/03/10	13:33:59	341.4819	5968.07	2.05	9077.91	0.631
210	2004/03/10	15:13:59	343.1486	5977.66	4.16	9088.87	0.632
211	2004/03/10	16:53:59	344.8153	5987.11	4.34	9099.67	0.633
212	2004/03/10	18:33:59	346.4819	5993.82	-1.43	9107.33	0.634
213	2004/03/10	20:13:59	348.1486	6002.21	-4.07	9116.92	0.635
214	2004/03/10	21:53:59	349.8153	6010.92	-5.05	9126.88	0.636
215	2004/03/10	23:33:59	351.4819	6019.23	-4.12	9136.36	0.637
216	2004/03/11	01:13:59	353.1486	6026.80	-6.52	9145.02	0.638
217	2004/03/11	02:53:59	354.8153	6036.10	-5.97	9155.64	0.639
218	2004/03/11	04:33:59	356.4819	6043.71	-6.17	9164.34	0.640
219	2004/03/11	06:13:59	358.1486	6052.16	-6.16	9174.00	0.641
220	2004/03/11	07:53:59	359.8153	6060.76	-6.20	9183.83	0.642

Gauge 1 Serial Number: Start Date: 2004/02/25 08:05:04 Run Depth:
Print Filter: Print every 100th point

Paramount Resources Ltd.
H-03 NWT
Start Test Date: 2004/02/25
Final Test Date: 2004/03/12

SURFACE SOLUTIONS INC.
SURFACE FLOW & BUILD-UP

Paramount et al Cameron
Formation: Sulphur Point
Pool: 1421.0 - 1425.0 mKB
Job Number: PRH03

	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1	Gauge 1
	Date	Clk Time	Time	Casing Pres.	Casing	Calculated Pres.@ MPP	Gas Gradient
	yyyy/mm/dd	hh:mm:ss	hr	kPa(a)	°C	kPa(a)	kPa/m
221	2004/03/11	09:33:59	361.4819	6070.37	-2.19	9194.82	0.643
222	2004/03/11	11:13:59	363.1486	6080.32	3.79	9206.19	0.644
223	2004/03/11	12:47:59	364.7153	6108.88	9.60	9238.84	0.648
224			Final shut in pressure				
225	2004/03/11	12:48:59	364.7319	86.77	9.39	2473.16	0.008
226	2004/03/11	12:52:59	364.7986	86.59	8.54	2472.96	0.008
227	2004/03/11	14:32:59	366.4653	92.87	15.96	2479.90	0.008
228	2004/03/11	16:12:59	368.1319	93.09	18.97	2480.14	0.008
229	2004/03/11	17:52:59	369.7986	93.10	19.48	2480.15	0.008
230	2004/03/11	19:32:59	371.4653	89.44	18.31	2476.10	0.008
231	2004/03/11	21:12:59	373.1319	88.38	16.89	2474.93	0.008
232	2004/03/11	22:52:59	374.7986	89.12	15.66	2475.75	0.008
233	2004/03/12	00:32:59	376.4653	88.82	12.87	2475.42	0.008
234	2004/03/12	02:12:59	378.1319	88.61	10.26	2475.19	0.008
235	2004/03/12	03:52:59	379.7986	88.52	8.11	2475.09	0.008
236	2004/03/12	05:32:59	381.4653	88.33	5.83	2474.89	0.008
237	2004/03/12	07:12:59	383.1319	88.26	4.79	2474.81	0.008
238	2004/03/12	08:52:59	384.7986	87.95	6.67	2474.46	0.008
239	2004/03/12	10:32:59	386.4653	89.77	19.91	2476.47	0.008
240	2004/03/12	10:58:59	386.8986	89.86	20.89	2476.57	0.008

Gauge 1 Serial Number: Start Date: 2004/02/25 08:05:04 Run Depth:
Print Filter: Print every 100th point

Pg 1 of 4

Attn: Helen Huang
206-7161**Acoustic Well Sounder (AWS) Data Sheet**

To Calculate Bottom Hole Pressure as Per AEUB G-5 and Submit AWS.pas file

Company: Paramount Resources Ltd.
 Engineer: David Duncan

Location: H-03 60° 10' N, 117° 30' W
 Well Name: PARA et al CAMERON H-03
 License #: _____
 Field: Cameron Hills Pool or Formation: Sulphur Point

Elevations: (KB) 768.97 (CF) _____ m
 Perforations: 1,421.0 - 1,425.0 (MKB) CF
 or Open Hole: _____ MKB CF
Deviation survey required if whipstocked, deviated, horizontal or multi-lateral. ☐
 Tubing Size: 73.0 mm Depth: 1,433.0 (MKB) ☒ CF ☐
 Casing Size: 139.7 mm Depth: 1,662.0 (MKB) ☒ CF ☐
 Number of Tubing Joints: 149 @ _____ m
 Average Joint Length: 9.60 m or ☐ Assume Joint Length of 9.45 m/ft
 Pump Depth: 1,431.0 (MKB) ☒ CF ☐
 Any Known Obstructions in Annulus: Tubing Anchor @ 1,412.0 (MKB) ☒ CF ☐
 Other: Cardium BP w/ 3m calc. carb @ 1,514.0 (MKB) ☒ CF ☐

Bottom Hole Temperature: 55 °C or ☐ Assume 0.036 °C/m
 Gas Relative Density: See attached or ☐ Assume 0.600
 Mole Fraction of N₂: attach CO₂: attach H₂S: attach
 Oil Relative Density: attach or 851.9 kg/m³ or _____ °API
 Water Relative Density: attach or ☐ Assume 1.05

Oil Rate: 24 m³/day Water Rate: 30 m³/day
 Gas Rate: 5 e³m³/d Water Cut: 56 %
 Shut-in Date & Time: To be determined

Pg 2054

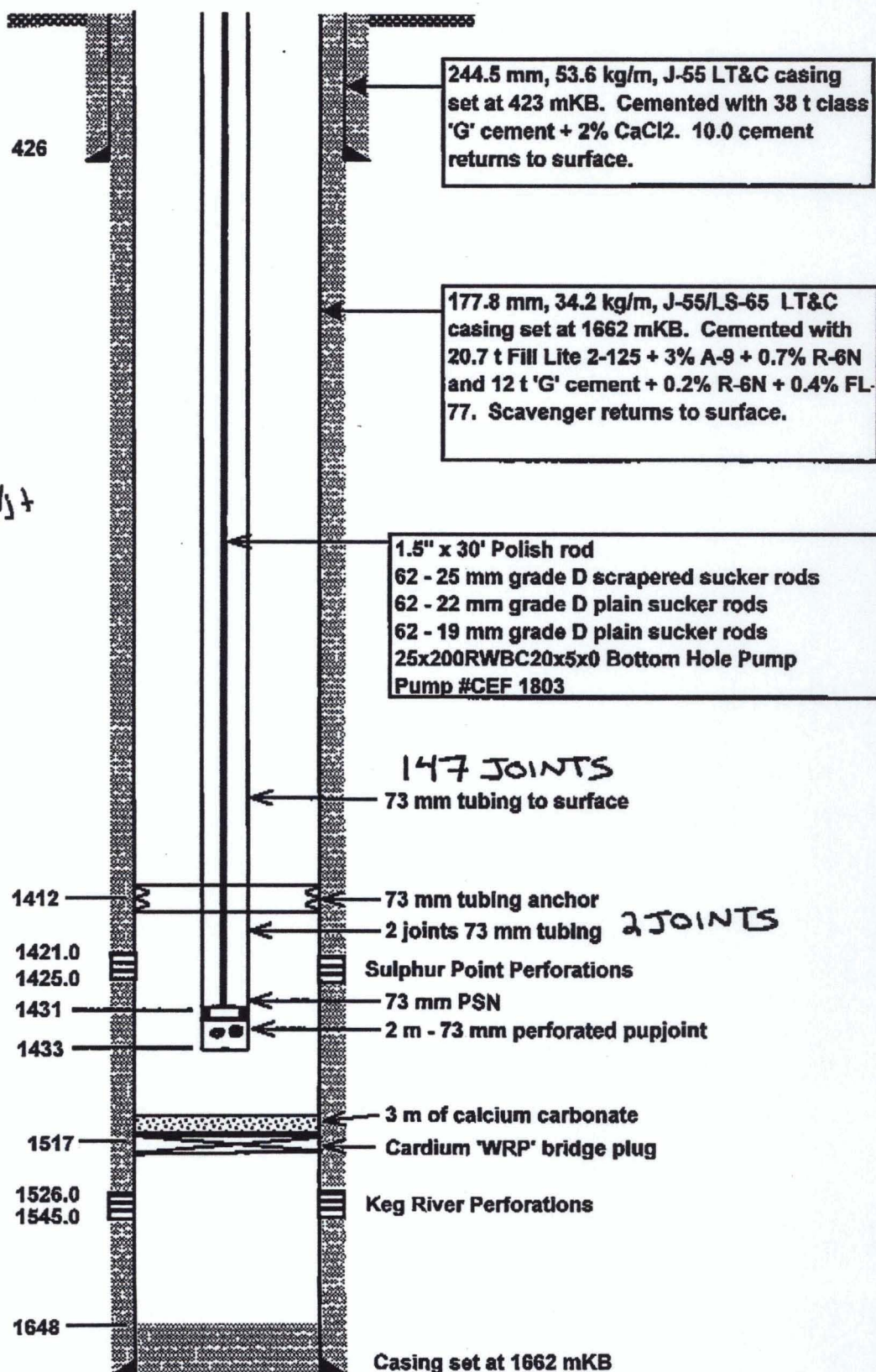
PARAMOUNT ET AL CAMERON H-03

60° 10' N, 117° 30' W

Pumping Bottom Hole Diagram (as of March 20, 2003)

KB: 768.97 m
GL: 764.50 m

$$\frac{1431\text{m}}{149\text{jt}} = 9.6\text{m/jt}$$



Pg 3 of 4
AGAT[®] Laboratories

**GAS ANALYSIS**

Container Identification
 AGAT 17677

Laboratory Number
 GE09422A

Operator Name
 PARAMOUNT RESOURCES

Unique Well Identifier
 NOT AVAILABLE

Well Name
 PARA et al CAMERON H-03

Elevation
 KB m 768.97 GRD m 764.50

Field or Area
 CAMERON

Pool or Zone
 SULPHUR POINT

Sampler's Company
 SOLID PRODUCTION SERVICES

Test Type

Test No.

Test Recovery

Name of Sampler

Test Interval or Parts

1421.0-1426.0

Sampling Point

METER RUN

Separator Reservoir Source Sampled Received

Pressure (kPa)

138

138

130

Temperature (°C)

-4

-4

21

Date Sampled
 Mar 29, 2002

Date Received
 Apr 02, 2002

Date Reported
 Apr 08, 2002

Entered By
 GE

Certified By
 ES

Other Information

FIELD H₂S = 2%/LAB = 0.34%

NOTE: The following have exceeded normal limits: N₂

COMP	MOLE FRACTION		PETROLEUM LIQUID mL / m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
.i2	0.0001	0.0001	
He	0.0001	0.0001	
N ₂	0.0884	0.0979	
CO ₂	0.0768	0.0000	
H ₂ S	0.0200	0.0000	
C ₁	0.7365	0.8155	
C ₂	0.0312	0.0345	
C ₃	0.0225	0.0249	82.6
IC ₄	0.0043	0.0048	18.8
NC ₄	0.0106	0.0117	44.6
IC ₅	0.0031	0.0034	15.2
NC ₅	0.0027	0.0030	13.1
C ₆	0.0022	0.0024	12.1
C ₇₊	0.0015	0.0017	9.3
Total	1.0000	1.0000	195.7

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

Air Free As Received	Moisture & Acid Gas Free
35.92	39.20

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.756	0.682

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
4773	211.1	4457	199.5

RELATIVE MOLECULAR MASS

Total Gas	C ₇₊
21.9	101.1

VAPOUR
PRESSURE

86.12 kPa

H₂S g/m³

28.77

Pg 4 of 4

AGAT® Laboratories



WATER ANALYSIS

Container Identification		Previous Number		Laboratory Number	
PB1A		WE09422B		WE09422A	
Operator Name					
PARAMOUNT RESOURCES					
Unique Well Identifier		Well Name		Elevation	
H-03		PARA ET AL CAMERON H-03		KB m 768.97 GRD m 764.50	
Field or Area		Pool or Zone		Sampler's Company	
CAMERON		SULPHUR POINT		SOLID PRODUCTION SERVICES	
Test Type	Test No.	Test Recovery			Name of Sampler
		SP: FLOW LINE MANIFOLD			
Test Interval or Perfs		Sampling Point		Separator	Reservoir
1421.00-1426.00		FLOW LINE			
mKB				Pressure (kPa)	Source
				Temperature (°C)	Sampled
					Received
Date Sampled		Date Received	Date Reported	Entered By	Certified By
Mar 22, 2002		Apr 02, 2002	Apr 11, 2002	LN	LN
Other Information					

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	30970.0	0.309	1347.1
K	930.0	0.009	23.8
Ca	4550.0	0.045	113.5
Mg	1380.0	0.014	56.8
Fe	1.1	Trace	Trace

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	60747.0	0.606	1713.5
HCO ₃	671.0	0.007	11.0
SO ₄	1053.0	0.010	11.0
CO ₃	NI	NI	NI
OH	NI	NI	NI

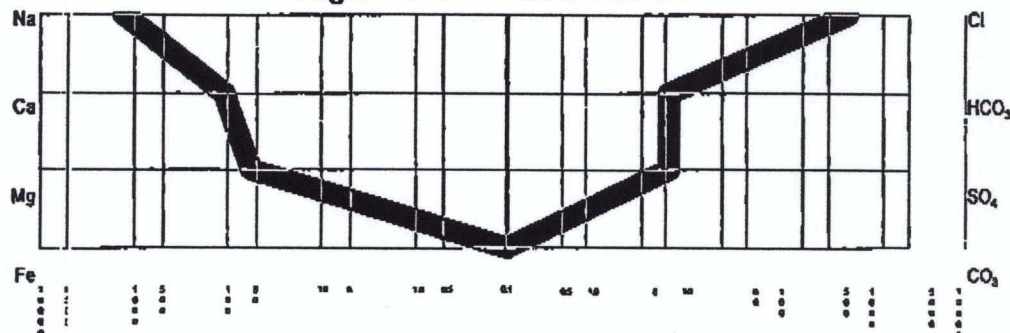
Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	100302
Observed pH	7.35
H ₂ S (25°C) mg/L	170.40
Relative Density (25°C)	1.071
Resistivity / OHM-m (25°C)	0.091
Salinity %	10.25

Total Cations 1711.5

Total Anions 1746.4

Logarithmic Pattern mmol/L



SURFACE SOLUTIONS INC.

AEUB code # :	SURSI	FILE NAME:	PRH03.bin
COMPANY :	Paramount Resources	COMPANY REP :	David Duncan
WELL NAME :	Paramount et-al Cameron	FIELD REP :	Ron McConnel
LOCATION (UWI) :	H-03	PHONE # :	780.841.9437
FIELD :	Cameron	DATE START :	February 24, 2004
FORMATION :	Sulphur Point	DATE COMP :	March 03, 2004
TECHNICIAN :	Ian Scott	WELL TYPE :	Vertical
OPEN HOLE :	No	TBG / CSG SIZE :	731 177.8
K.B.:	768.97 m	TOP PERF. INT:	1421-1425 mkB
G.L.:	764.50 m	BOT PERF. INT:	
WELL STATUS.:	Flowing	TOP PERF. INT.	
TYPE OF WELL:	Oil	BOT PERF. INV	
SWEET / SOUR% :	Sour: 1.5%	MIDPOINT:	1423 mkB

DIRECTIONS:	Odm Out:	Odm In:	Total Km:
North of High Level to Indian Cabins. Just South of Indian Cabins turn west. 40 km to plant.			
UNIT	UNIT ID	Battery #	Start VDC
SENSOR			
Pas File Required:		Pas File Not Required	Well License #:
Program	Interval	Duration	Count
Step 1	5 sec	1 min	12
Step 3			
Step 5			
Step 7			
Step 2			
Step 4			
Step 6			
Step 8			
OPERATION: Monitor pressure build up on oil well.			
COMMENTS: Flowing oilwell. Oilwell sign left on location.			
RESULTS TO:	NAME:	PHONE #:	EMAIL: YES/NO
Calgary	David Duncan	403.290.3657	david.duncan@paramountres.com
Grande Prairie			

Phone: 780-538-1074 Fax : 780-532-3574 Cell : 780-831-1210

SURFACE SOLUTIONS INC.

[illegible]

Phone: 780-538-1074 Fax : 780-532-3574 Cell : 780-831-1210