



*e***REPORT**



*Prepared for:*

**Willy Nilly**

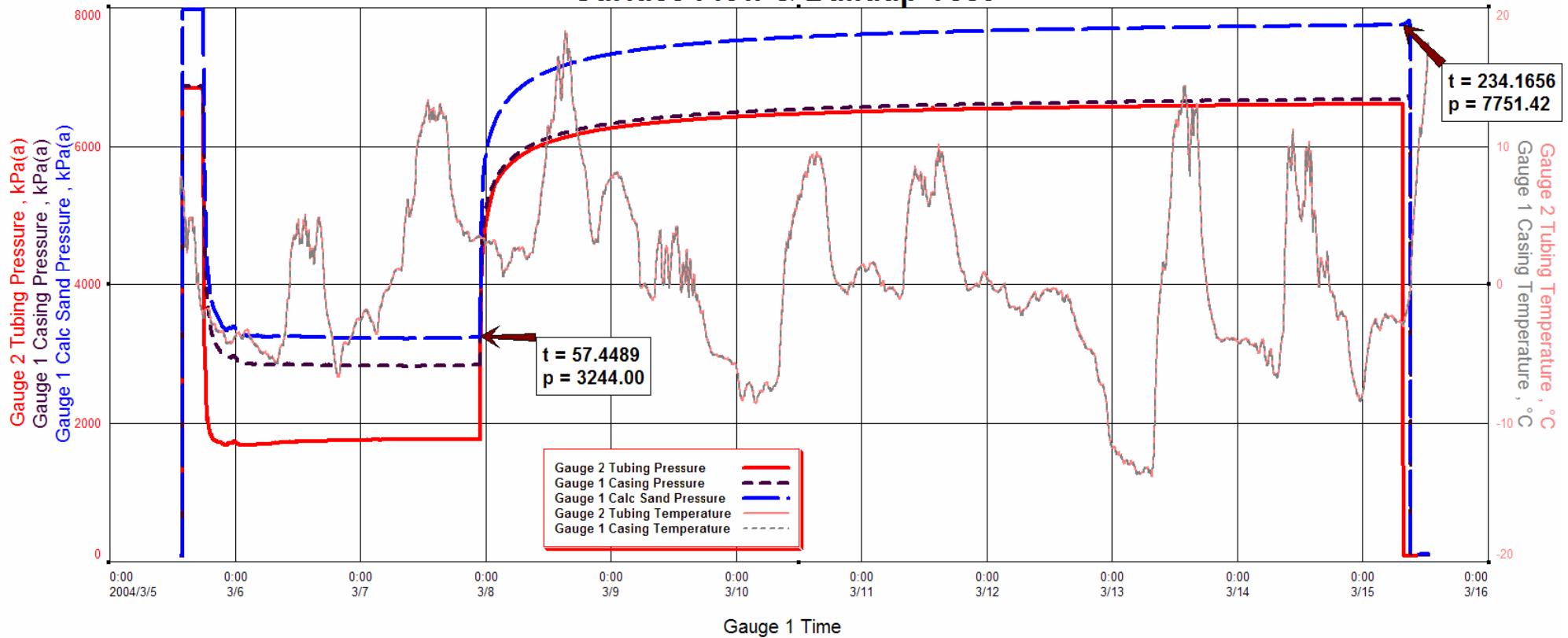
abc Oil & Gas Co. Ltd.  
1234, 567–8th Avenue sw  
Calgary, Alberta, T2P 3Q4

**abc Rolling Stone**  
**100/13–14–015–16W6/0**  
**Saunders**  
Surface Flow & Build-up  
March 05–15, 2004

abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

## Surface Flow & Buildup Test





*AEUB.pas*



From: EUB-WellTestCaptureProductionSystem@eub.gov.ab.ca  
Sent: Tuesday, November 30, 2004 11:10 AM  
To: david@welltestspecialists.com  
Subject: EUB WTC PRODUCTION Level 2 Failure - Tracking Id: 1234567  
(1234567\_100.13-14-015-16W6.0AWS.ZIP)

THIS E-MAIL MESSAGE IS FROM THE WTC PRODUCTION SYSTEM Errors occurred while validating your well test package(s). Please see below for tracking id(s) and errors specific to the package(s) you uploaded...

\*\*Package: **1234567\_100.13-14-015-16W4.0AWS.ZIP** [Tracking Id: 1234567]  
- UWI: 100/13-14-015-16W6/0

\*PAS File: 1234567\_100.13-14-015-16W6.0AWS.PAS

\* Tested Date: 06 Jul 2004

\* Test Purpose: Initial

\* TVD Interval: 1644.00000 – 1646.00000

- Value [] of ~ANALYSIS INPUT PARAMETERS,PAY.M, {Vertical Height Of Formation M} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,PORO.FRAC, {Assumed Porosity Fraction} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,SATW.FRAC, {Assumed Water Saturation Fraction} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,SATG.FRAC, {Assumed Gas Saturation Fraction} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,SATO.FRAC, {Assumed Oil Saturation Fraction} must be numeric
- The sum of SATW.FRAC, and SATG.FRAC, and SATO.FRAC, [0] must equal 1
- Value [] of ~ANALYSIS INPUT PARAMETERS,RDOIL., {Oil Relative Density} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,RDWTR., {Water Relative Density} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,PBP.KPAA, {Oil Bubble Point Pressure} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,BO.RM3/M3, {Oil Formation Volume Factor} must be numeric
- Value [] of ~ANALYSIS INPUT PARAMETERS,RS.M3/M3, {Oil Solution Gor} must be numeric

## GENERAL INFORMATION

### Client Information:

Company: abc Oil & Gas Co. Ltd.

Contact: Willy Nilly

Phone: 403-234-5678 Fax: e-mail: nillyw@abc.ca

### Site Information:

Contact: Jo Blow

Phone: 780-789-0123 Fax: e-mail:

### Well Information:

Name: abc Rolling Stone

Operator: abc

Location-Downhole: 100/13-14-015-16W6/00

Location-Surface:

### Test Information:

Company: Surface Solutions Inc.

Representative: Ian Scott

Supervisor: Mike Beck

Test Type: Surface Flow & Build-up Job Number: AWS-TRG

Test Unit: CalScan

Start Date: 2004/03/05 Start Time: 13:33:00

End Date: 2005/03/15 End Time: 12:34:00

Report Date: 2004/03/16 Prepared By: Idara Otu

Remarks: Qualified By: Lizzy Davies

## CLIENT INFORMATION

Company: abc Oil & Gas Co. Ltd.

Contact: Willy Nilly

Street 1: 1234, 567–8th Avenue SW

Street 2:

City: Calgary

Prov./State: Alberta

Country: Canada

Postal Code: T2P 3Q4

Phone: 403-234-5678      Fax:

e-mail: nillyw@abc.ca

## SITE INFORMATION

Contact: Jo Blow

Phone: 780-789-0123      Fax:

e-mail:

## Remarks

# WELL INFORMATION

**Well Name : abc Rolling Stone**

**Well Operator : abc**

**Well Location : 100/13-14-015-16W6/00**

**Location-Surface :**

**Field : Rolling Stone**

**Well Type : Deviated**

**Pool : 1643.0 - 1647.0 mKB MD**

**Formation : Saunders**

Perforation Type :	Producing Through : Tubing	114.30mm
Pool Datum	m CF Elevation Referenc	1198.20m KB
Datum Depth	m CF Elevation Referenc	1193.60m GL
	Offset	4.60m

## Production Intervals

Production Interval & MPP Reference To : KB

MPP Pressure Reference : None

Fro	m	To -	m	Dept	m	Pressure	kPa
1.	1643.00	1647.00		1.	1645.00		
2.				2.			
3.				3.			
4.				4.			
5.				5.			
6.				6.			
7.				7.			
8.				8.			
9.				9.			
10.				10.			
11.				11.			
12.				12.			

Remarks :

abc Oil & Gas Co. Ltd.  
100/13-14-015-16W6/00  
Start Test Date: 2004/03/05  
Final Test Date: 2005/03/15

# Recorder

abc Rolling Stone  
Formation: Saunders  
Pool: 1643.0 - 1647.0 mKB MD  
Job Number: AWS-TRG

## Gauge 1

Gauge Serial Number	61811	Gauge Type	Surface
Gauge Manufacturer	CalScan	Maximum Recorder Range	24131.80 kPa
Run Depth	4.60 m	Date of Last Calibration	2004/02/06
Gauge Start Date	2004/03/05 13:33:00	Gauge Stop Date	2004/03/15 12:34:00
Date Gauge On Bottom	2004/03/05 13:33:00	Date Gauge Off Bottom	2004/03/15 12:34:00

## Gauge 2

Gauge Serial Number	61812	Gauge Type	Surface
Gauge Manufacturer	CalScan	Maximum Recorder Range	24131.80 kPa
Run Depth	4.60 m	Date of Last Calibration	2004/02/06
Gauge Start Date	2004/03/05 13:33:00	Gauge Stop Date	2004/03/15 12:34:00
Date Gauge On Bottom	2004/03/05 13:33:00	Date Gauge Off Bottom	2004/03/15 12:34:00

abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

**SURFACE SOLUTIONS INC**  
**SURFACE FLOW & BUILD-UP**

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing kPa(a)	Gauge 1 Casing °C	Gauge 2 Tubing kPa(a)	Gauge 2 Tubing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m	
1	2004/03/05	13:33:01	0.0003	86.48	6.54	86.32	6.64	97.75	0.007	
2	2004/03/05	13:58:56	0.4322	85.10	7.01	688.70	7.11	96.12	0.007	
3			Pressure up sensors							
4	2004/03/05	13:59:56	0.4489	6861.88	7.70	6832.18	7.41	7965.80	0.671	
5	2004/03/05	14:36:56	1.0656	6863.59	3.62	6835.28	3.86	7967.84	0.671	
6	2004/03/05	15:51:56	2.3156	6865.55	4.84	6836.77	4.89	7970.19	0.672	
7	2004/03/05	17:06:56	3.5656	6867.02	-0.42	6838.88	-0.41	7971.95	0.672	
8	2004/03/05	17:59:56	4.4489	6861.98	-2.42	6831.83	-2.38	7965.92	0.671	
9			Open well to flow on test							
10	2004/03/05	18:00:56	4.4656	6566.26	-2.44	5251.50	-2.46	7612.86	0.636	
11	2004/03/05	18:20:56	4.7989	4446.39	-1.91	2790.55	-1.82	5108.52	0.403	
12	2004/03/05	19:35:56	6.0489	3272.26	-2.89	1797.88	-2.82	3741.72	0.285	
13	2004/03/05	20:50:56	7.2989	3067.72	-3.47	1720.18	-3.40	3505.02	0.266	
14	2004/03/05	22:05:56	8.5489	2932.76	-3.79	1686.74	-3.73	3349.06	0.253	
15	2004/03/05	23:20:56	9.7989	2950.10	-4.36	1720.55	-4.30	3369.09	0.255	
16	2004/03/06	00:35:56	11.0489	2893.77	-3.54	1696.60	-3.45	3304.04	0.249	
17	2004/03/06	01:50:56	12.2989	2855.99	-3.57	1678.43	-3.47	3260.43	0.246	
18	2004/03/06	03:05:56	13.5489	2852.19	-3.99	1681.67	-3.91	3256.04	0.246	
19	2004/03/06	04:20:56	14.7989	2852.34	-4.57	1693.92	-4.50	3256.21	0.246	
20	2004/03/06	05:35:56	16.0489	2838.51	-4.98	1693.09	-4.89	3240.25	0.244	
21	2004/03/06	06:50:56	17.2989	2839.73	-5.36	1699.86	-5.26	3241.66	0.244	
22	2004/03/06	08:05:56	18.5489	2843.22	-5.75	1712.69	-5.68	3245.69	0.245	
23	2004/03/06	09:20:56	19.7989	2844.40	-4.23	1719.83	-4.09	3247.05	0.245	
24	2004/03/06	10:35:56	21.0489	2843.54	0.98	1725.24	1.24	3246.06	0.245	
25	2004/03/06	11:50:56	22.2989	2842.33	3.94	1727.45	4.11	3244.66	0.245	
26	2004/03/06	13:05:56	23.5489	2839.94	4.18	1733.91	4.36	3241.90	0.244	
27	2004/03/06	14:20:56	24.7989	2836.49	2.32	1736.91	2.39	3237.93	0.244	
28	2004/03/06	15:35:56	26.0489	2834.61	2.96	1736.58	3.14	3235.75	0.244	
29	2004/03/06	16:50:56	27.2989	2831.23	2.51	1739.37	2.57	3231.85	0.244	
30	2004/03/06	18:05:56	28.5489	2832.24	-2.92	1743.88	-2.88	3233.02	0.244	
31	2004/03/06	19:20:56	29.7989	2826.80	-6.04	1745.41	-6.03	3226.74	0.243	
32	2004/03/06	20:35:56	31.0489	2824.13	-4.82	1745.36	-4.71	3223.66	0.243	
33	2004/03/06	21:50:56	32.2989	2825.06	-4.30	1747.53	-4.21	3224.73	0.243	
34	2004/03/06	23:05:56	33.5489	2821.68	-2.91	1746.65	-2.80	3220.84	0.243	
35	2004/03/07	00:20:56	34.7989	2824.64	-2.48	1750.10	-2.37	3224.25	0.243	
36	2004/03/07	01:35:56	36.0489	2823.80	-2.22	1752.01	-2.15	3223.28	0.243	
37	2004/03/07	02:50:56	37.2989	2825.28	-3.40	1754.85	-3.34	3224.98	0.243	
38	2004/03/07	04:05:56	38.5489	2827.07	-1.50	1755.91	-1.42	3227.05	0.243	

Gauge 1 Serial Number: 61811 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Gauge 2 Serial Number: 61812 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Print Filter: Print every 75th point



abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

**SURFACE SOLUTIONS INC**  
**SURFACE FLOW & BUILD-UP**

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing kPa(a)	Gauge 1 Casing °C	Gauge 2 Tubing kPa(a)	Gauge 2 Tubing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m	
39	2004/03/07	05:20:56	39.7989	2822.43	-0.38	1756.87	-0.31	3221.69	0.243	
40	2004/03/07	06:35:56	41.0489	2823.83	0.87	1755.76	0.94	3223.32	0.243	
41	2004/03/07	07:50:56	42.2989	2821.50	0.96	1758.32	1.04	3220.62	0.243	
42	2004/03/07	09:05:56	43.5489	2817.42	6.06	1757.27	6.13	3215.92	0.242	
43	2004/03/07	10:20:56	44.7989	2820.95	6.32	1760.58	6.39	3219.99	0.243	
44	2004/03/07	11:35:56	46.0489	2819.71	10.86	1761.37	10.99	3218.56	0.242	
45	2004/03/07	12:50:56	47.2989	2821.30	12.76	1763.86	12.86	3220.39	0.243	
46	2004/03/07	14:05:56	48.5489	2820.85	12.70	1764.97	12.83	3219.88	0.243	
47	2004/03/07	15:20:56	49.7989	2823.35	13.02	1764.68	13.13	3222.75	0.243	
48	2004/03/07	16:35:56	51.0489	2824.79	11.68	1764.41	11.69	3224.42	0.243	
49	2004/03/07	17:50:56	52.2989	2825.84	6.03	1762.07	6.08	3225.63	0.243	
50	2004/03/07	19:05:56	53.5489	2828.41	4.53	1762.43	4.58	3228.60	0.243	
51	2004/03/07	20:20:56	54.7989	2833.16	3.75	1762.09	3.80	3234.08	0.244	
52	2004/03/07	21:35:56	56.0489	2837.68	3.12	1765.24	3.17	3239.29	0.244	
53	2004/03/07	22:50:56	57.2989	2840.05	3.40	1761.13	3.46	3242.03	0.244	
54	2004/03/07	22:59:56	57.4489	2841.76	3.43	2134.06	3.49	3244.00	0.245	
55			Shut-in for buildup							
56	2004/03/07	23:00:56	57.4656	2912.63	3.42	2772.09	3.51	3325.89	0.251	
57	2004/03/08	00:04:56	58.5322	5122.14	2.83	4901.91	2.88	5901.74	0.474	
58	2004/03/08	01:19:56	59.7822	5435.65	3.03	5335.13	3.10	6271.36	0.508	
59	2004/03/08	02:34:56	61.0322	5618.92	2.09	5558.75	2.15	6487.91	0.528	
60	2004/03/08	03:49:56	62.2822	5742.98	1.09	5681.43	1.14	6634.70	0.542	
61	2004/03/08	05:04:56	63.5322	5836.53	2.08	5774.03	2.16	6745.50	0.553	
62	2004/03/08	06:19:56	64.7822	5910.74	2.65	5847.75	2.70	6833.46	0.561	
63	2004/03/08	07:34:56	66.0322	5972.00	2.01	5908.41	2.05	6906.12	0.568	
64	2004/03/08	08:49:56	67.2822	6023.19	2.21	5959.18	2.30	6966.86	0.574	
65	2004/03/08	10:04:56	68.5322	6066.79	4.50	6002.07	4.63	7018.61	0.579	
66	2004/03/08	11:19:56	69.7822	6105.10	8.30	6039.27	8.44	7064.11	0.583	
67	2004/03/08	12:34:56	71.0322	6138.38	11.74	6071.88	11.87	7103.64	0.587	
68	2004/03/08	13:49:56	72.2822	6168.20	15.85	6100.10	16.02	7139.08	0.590	
69	2004/03/08	15:04:56	73.5322	6195.02	16.98	6126.69	17.04	7170.95	0.593	
70	2004/03/08	16:19:56	74.7822	6219.22	16.14	6150.93	16.01	7199.72	0.596	
71	2004/03/08	17:34:56	76.0322	6240.91	11.19	6173.63	11.16	7225.51	0.599	
72	2004/03/08	18:49:56	77.2822	6260.90	8.69	6193.82	8.69	7249.27	0.601	
73	2004/03/08	20:04:56	78.5322	6279.47	4.41	6212.85	4.41	7271.36	0.603	
74	2004/03/08	21:19:56	79.7822	6296.14	3.06	6229.58	3.11	7291.20	0.605	
75	2004/03/08	22:34:56	81.0322	6311.84	6.69	6244.47	6.74	7309.87	0.607	
76	2004/03/08	23:49:56	82.2822	6326.28	7.58	6258.62	7.60	7327.05	0.608	

Gauge 1 Serial Number: 61811 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Gauge 2 Serial Number: 61812 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Print Filter: Print every 75th point



abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

**SURFACE SOLUTIONS INC**  
**SURFACE FLOW & BUILD-UP**

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing kPa(a)	Gauge 1 Casing °C	Gauge 2 Tubing kPa(a)	Gauge 2 Tubing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m
77	2004/03/09	01:04:56	83.5322	6339.95	7.99	6272.15	8.00	7343.33	0.610
78	2004/03/09	02:19:56	84.7822	6352.39	7.22	6284.88	7.23	7358.14	0.611
79	2004/03/09	03:34:56	86.0322	6364.35	5.64	6296.82	5.66	7372.37	0.613
80	2004/03/09	04:49:56	87.2822	6375.47	4.39	6307.99	4.45	7385.61	0.614
81	2004/03/09	06:04:56	88.5322	6386.25	-0.24	6319.24	-0.18	7398.44	0.615
82	2004/03/09	07:19:56	89.7822	6396.01	-0.74	6328.84	-0.68	7410.06	0.616
83	2004/03/09	08:34:56	91.0322	6405.54	0.42	6338.34	0.44	7421.41	0.618
84	2004/03/09	09:49:56	92.2822	6414.87	0.55	6347.64	0.57	7432.52	0.619
85	2004/03/09	11:04:56	93.5322	6423.25	0.66	6355.85	0.63	7442.50	0.620
86	2004/03/09	12:19:56	94.7822	6431.02	3.43	6363.30	3.62	7451.75	0.621
87	2004/03/09	13:34:56	96.0322	6438.91	-0.59	6371.26	-0.56	7461.16	0.621
88	2004/03/09	14:49:56	97.2822	6446.38	-0.00	6378.83	-0.02	7470.05	0.622
89	2004/03/09	16:04:56	98.5322	6453.13	-0.14	6385.48	-0.12	7478.10	0.623
90	2004/03/09	17:19:56	99.7822	6459.85	-2.18	6392.30	-2.11	7486.10	0.624
91	2004/03/09	18:34:56	101.0322	6466.37	-4.12	6398.57	-4.08	7493.87	0.625
92	2004/03/09	19:49:56	102.2822	6472.46	-5.08	6404.53	-5.06	7501.13	0.625
93	2004/03/09	21:04:56	103.5322	6478.26	-5.22	6410.47	-5.20	7508.03	0.626
94	2004/03/09	22:19:56	104.7822	6484.01	-5.36	6416.05	-5.34	7514.88	0.627
95	2004/03/09	23:34:56	106.0322	6489.42	-5.69	6421.39	-5.67	7521.33	0.627
96	2004/03/10	00:49:56	107.2822	6495.01	-8.00	6426.85	-8.02	7528.00	0.628
97	2004/03/10	02:04:56	108.5322	6500.00	-7.25	6431.90	-7.23	7533.94	0.629
98	2004/03/10	03:19:56	109.7822	6504.68	-7.94	6436.49	-7.96	7539.52	0.629
99	2004/03/10	04:34:56	111.0322	6509.50	-7.69	6441.34	-7.67	7545.26	0.630
100	2004/03/10	05:49:56	112.2822	6513.79	-7.12	6445.53	-7.10	7550.38	0.630
101	2004/03/10	07:04:56	113.5322	6518.40	-7.49	6450.38	-7.46	7555.88	0.631
102	2004/03/10	08:19:56	114.7822	6522.67	-5.67	6454.38	-5.57	7560.96	0.631
103	2004/03/10	09:34:56	116.0322	6526.52	2.53	6457.60	2.71	7565.55	0.632
104	2004/03/10	10:49:56	117.2822	6530.44	4.53	6461.48	4.74	7570.22	0.632
105	2004/03/10	12:04:56	118.5322	6534.00	6.15	6464.82	6.27	7574.46	0.633
106	2004/03/10	13:19:56	119.7822	6537.85	8.02	6468.03	8.15	7579.06	0.633
107	2004/03/10	14:34:56	121.0322	6541.58	9.18	6471.70	9.28	7583.50	0.633
108	2004/03/10	15:49:56	122.2822	6544.97	9.29	6474.83	9.34	7587.55	0.634
109	2004/03/10	17:04:56	123.5322	6548.20	7.58	6478.70	7.60	7591.39	0.634
110	2004/03/10	18:19:56	124.7822	6551.97	1.45	6483.05	1.48	7595.90	0.635
111	2004/03/10	19:34:56	126.0322	6554.76	-0.01	6485.86	0.03	7599.22	0.635
112	2004/03/10	20:49:56	127.2822	6557.96	-0.48	6489.12	-0.42	7603.04	0.635
113	2004/03/10	22:04:56	128.5322	6560.86	-0.00	6492.01	0.06	7606.49	0.636
114	2004/03/10	23:19:56	129.7822	6563.92	1.12	6494.89	1.19	7610.15	0.636

Gauge 1 Serial Number: 61811 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Gauge 2 Serial Number: 61812 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Print Filter: Print every 75th point



abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

**SURFACE SOLUTIONS INC**  
**SURFACE FLOW & BUILD-UP**

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing kPa(a)	Gauge 1 Casing °C	Gauge 2 Tubing kPa(a)	Gauge 2 Tubing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m
115	2004/03/11	00:34:56	131.0322	6566.66	1.24	6497.71	1.30	7613.41	0.636
116	2004/03/11	01:49:56	132.2822	6569.60	1.48	6500.51	1.56	7616.92	0.637
117	2004/03/11	03:04:56	133.5322	6572.24	0.83	6503.14	0.89	7620.06	0.637
118	2004/03/11	04:19:56	134.7822	6575.04	0.01	6505.86	0.03	7623.40	0.637
119	2004/03/11	05:34:56	136.0322	6577.71	-0.31	6508.72	-0.26	7626.59	0.638
120	2004/03/11	06:49:56	137.2822	6580.21	-0.74	6511.06	-0.71	7629.57	0.638
121	2004/03/11	08:04:56	138.5322	6582.68	0.08	6513.56	0.19	7632.52	0.638
122	2004/03/11	09:19:56	139.7822	6585.04	6.52	6515.27	6.63	7635.33	0.638
123	2004/03/11	10:34:56	141.0322	6587.09	7.85	6516.94	7.96	7637.77	0.639
124	2004/03/11	11:49:56	142.2822	6589.86	6.58	6519.85	6.73	7641.08	0.639
125	2004/03/11	13:04:56	143.5322	6592.18	5.84	6522.13	6.00	7643.85	0.639
126	2004/03/11	14:19:56	144.7822	6593.83	8.76	6523.30	8.98	7645.81	0.640
127	2004/03/11	15:34:56	146.0322	6595.87	9.31	6525.38	9.40	7648.25	0.640
128	2004/03/11	16:49:56	147.2822	6597.94	6.24	6528.02	6.31	7650.72	0.640
129	2004/03/11	18:04:56	148.5322	6600.05	3.64	6530.39	3.69	7653.24	0.640
130	2004/03/11	19:19:56	149.7822	6601.97	0.90	6532.57	0.97	7655.52	0.640
131	2004/03/11	20:34:56	151.0322	6604.13	-0.44	6534.82	-0.35	7658.10	0.641
132	2004/03/11	21:49:56	152.2822	6606.09	-0.09	6536.74	0.01	7660.44	0.641
133	2004/03/11	23:04:56	153.5322	6607.79	0.52	6538.35	0.62	7662.46	0.641
134	2004/03/12	00:19:56	154.7822	6609.39	0.17	6539.88	0.25	7664.38	0.641
135	2004/03/12	01:34:56	156.0322	6611.16	-0.55	6541.77	-0.46	7666.48	0.642
136	2004/03/12	02:49:56	157.2822	6613.29	-0.31	6543.76	-0.21	7669.02	0.642
137	2004/03/12	04:04:56	158.5322	6614.90	-1.37	6545.45	-1.29	7670.95	0.642
138	2004/03/12	05:19:56	159.7822	6616.45	-1.77	6547.00	-1.69	7672.79	0.642
139	2004/03/12	06:34:56	161.0322	6618.18	-2.20	6548.61	-2.13	7674.86	0.642
140	2004/03/12	07:49:56	162.2822	6620.13	-1.62	6550.53	-1.54	7677.19	0.643
141	2004/03/12	09:04:56	163.5322	6621.55	-0.67	6552.10	-0.58	7678.88	0.643
142	2004/03/12	10:19:56	164.7822	6623.20	-0.95	6553.73	-0.85	7680.85	0.643
143	2004/03/12	11:34:56	166.0322	6624.34	-0.44	6554.83	-0.38	7682.21	0.643
144	2004/03/12	12:49:56	167.2822	6625.91	-0.42	6556.52	-0.35	7684.08	0.643
145	2004/03/12	14:04:56	168.5322	6627.76	-0.71	6558.18	-0.58	7686.29	0.643
146	2004/03/12	15:19:56	169.7822	6629.19	-0.84	6559.63	-0.74	7687.99	0.644
147	2004/03/12	16:34:56	171.0322	6630.57	-2.25	6560.78	-2.15	7689.64	0.644
148	2004/03/12	17:49:56	172.2822	6631.90	-3.70	6562.40	-3.62	7691.23	0.644
149	2004/03/12	19:04:56	173.5322	6633.49	-4.67	6563.64	-4.58	7693.12	0.644
150	2004/03/12	20:19:56	174.7822	6634.80	-5.02	6565.25	-4.94	7694.69	0.644
151	2004/03/12	21:34:56	176.0322	6636.32	-7.02	6566.61	-6.98	7696.50	0.644
152	2004/03/12	22:49:56	177.2822	6637.59	-8.26	6567.76	-8.23	7698.02	0.645

Gauge 1 Serial Number: 61811 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Gauge 2 Serial Number: 61812 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Print Filter: Print every 75th point



abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

**SURFACE SOLUTIONS INC**  
**SURFACE FLOW & BUILD-UP**

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing kPa(a)	Gauge 1 Casing °C	Gauge 2 Tubing kPa(a)	Gauge 2 Tubing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m
153	2004/03/13	00:04:56	178.5322	6639.05	-11.84	6568.67	-11.81	7699.76	0.645
154	2004/03/13	01:19:56	179.7822	6640.20	-12.17	6570.05	-12.14	7701.13	0.645
155	2004/03/13	02:34:56	181.0322	6641.58	-12.74	6571.14	-12.72	7702.78	0.645
156	2004/03/13	03:49:56	182.2822	6643.19	-12.99	6572.46	-12.98	7704.70	0.645
157	2004/03/13	05:04:56	183.5322	6644.20	-13.55	6573.52	-13.54	7705.90	0.645
158	2004/03/13	06:19:56	184.7822	6645.21	-13.25	6574.75	-13.25	7707.11	0.646
159	2004/03/13	07:34:56	186.0322	6646.35	-13.84	6575.63	-13.84	7708.47	0.646
160	2004/03/13	08:49:56	187.2822	6647.19	-2.77	6577.60	-2.61	7709.47	0.646
161	2004/03/13	10:04:56	188.5322	6648.29	1.35	6578.89	1.03	7710.78	0.646
162	2004/03/13	11:19:56	189.7822	6649.54	6.69	6579.03	6.83	7712.28	0.646
163	2004/03/13	12:34:56	191.0322	6650.79	11.37	6579.23	11.40	7713.77	0.646
164	2004/03/13	13:49:56	192.2822	6652.14	14.31	6579.68	14.35	7715.38	0.646
165	2004/03/13	15:04:56	193.5322	6653.19	10.48	6581.48	10.77	7716.63	0.646
166	2004/03/13	16:19:56	194.7822	6654.16	12.92	6582.14	12.94	7717.78	0.647
167	2004/03/13	17:34:56	196.0322	6655.56	1.87	6585.59	1.90	7719.45	0.647
168	2004/03/13	18:49:56	197.2822	6656.49	-1.87	6586.60	-1.81	7720.57	0.647
169	2004/03/13	20:04:56	198.5322	6657.55	-3.86	6587.73	-3.80	7721.83	0.647
170	2004/03/13	21:19:56	199.7822	6658.68	-4.07	6588.72	-3.99	7723.18	0.647
171	2004/03/13	22:34:56	201.0322	6659.81	-4.01	6589.83	-3.92	7724.53	0.647
172	2004/03/13	23:49:56	202.2822	6660.64	-4.13	6590.61	-4.06	7725.52	0.647
173	2004/03/14	01:04:56	203.5322	6661.60	-4.09	6591.55	-4.01	7726.67	0.647
174	2004/03/14	02:19:56	204.7822	6662.45	-4.32	6592.61	-4.25	7727.68	0.648
175	2004/03/14	03:34:56	206.0322	6663.49	-4.39	6593.46	-4.32	7728.93	0.648
176	2004/03/14	04:49:56	207.2822	6664.57	-4.08	6594.44	-3.99	7730.21	0.648
177	2004/03/14	06:04:56	208.5322	6665.70	-5.26	6595.55	-5.15	7731.56	0.648
178	2004/03/14	07:19:56	209.7822	6666.34	-6.58	6596.29	-6.51	7732.33	0.648
179	2004/03/14	08:34:56	211.0322	6667.38	-3.94	6597.41	-3.82	7733.57	0.648
180	2004/03/14	09:49:56	212.2822	6667.68	9.91	6596.08	9.96	7733.93	0.648
181	2004/03/14	11:04:56	213.5322	6669.08	8.77	6597.96	8.78	7735.59	0.648
182	2004/03/14	12:19:56	214.7822	6669.97	4.49	6599.55	4.57	7736.66	0.648
183	2004/03/14	13:34:56	216.0322	6670.67	9.05	6599.36	9.17	7737.49	0.649
184	2004/03/14	14:49:56	217.2822	6671.67	5.07	6601.13	5.12	7738.69	0.649
185	2004/03/14	16:04:56	218.5322	6672.31	1.84	6602.20	1.88	7739.45	0.649
186	2004/03/14	17:19:56	219.7822	6673.21	1.94	6602.98	1.94	7740.53	0.649
187	2004/03/14	18:34:56	221.0322	6674.18	-0.98	6604.16	-0.92	7741.68	0.649
188	2004/03/14	19:49:56	222.2822	6675.21	-2.06	6605.18	-1.99	7742.91	0.649
189	2004/03/14	21:04:56	223.5322	6675.98	-3.22	6605.77	-3.20	7743.82	0.649
190	2004/03/14	22:19:56	224.7822	6676.66	-7.01	6606.67	-6.97	7744.64	0.649

Gauge 1 Serial Number: 61811 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Gauge 2 Serial Number: 61812 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Print Filter: Print every 75th point



abc Oil & Gas Co. Ltd.  
 100/13-14-015-16W6/00  
 Start Test Date: 2004/03/05  
 Final Test Date: 2005/03/15

**SURFACE SOLUTIONS INC**  
**SURFACE FLOW & BUILD-UP**

abc Rolling Stone  
 Formation: Saunders  
 Pool: 1643.0 - 1647.0 mKB MD  
 Job Number: AWS-TRG

	Gauge 1 Date yyyy/mm/dd	Gauge 1 Clk Time hh:mm:ss	Gauge 1 Time hr	Gauge 1 Casing kPa(a)	Gauge 1 Casing °C	Gauge 2 Tubing kPa(a)	Gauge 2 Tubing °C	Gauge 1 Calculated Pres.@ MPP kPa(a)	Gauge 1 Gas Gradient kPa/m	
191	2004/03/14	23:34:56	226.0322	6677.80	-8.41	6607.58	-8.36	7746.01	0.649	
192	2004/03/15	00:49:56	227.2822	6678.38	-5.46	6608.22	-5.36	7746.69	0.649	
193	2004/03/15	02:04:56	228.5322	6679.00	-2.91	6608.96	-2.84	7747.44	0.650	
194	2004/03/15	03:19:56	229.7822	6679.60	-3.40	6609.52	-3.33	7748.15	0.650	
195	2004/03/15	04:34:56	231.0322	6680.14	-2.31	6610.30	-2.25	7748.79	0.650	
196	2004/03/15	05:49:56	232.2822	6680.94	-2.45	6611.11	-2.38	7749.75	0.650	
197	2004/03/15	07:04:56	233.5322	6681.80	-2.76	6611.79	-2.69	7750.78	0.650	
198	2004/03/15	07:45:56	234.2156	6682.47	-2.85	6613.75	-2.78	7751.58	0.650	
199			Final pressure, de-pressure tubing sensor							
200	2004/03/15	07:46:56	234.2322	6697.93	-2.84	1382.10	-2.99	7770.03	0.652	
201	2004/03/15	08:18:56	234.7656	6711.23	-2.13	86.60	-2.05	7785.90	0.653	
202	2004/03/15	09:06:56	235.5656	6682.33	-0.58	86.57	-0.48	7751.41	0.650	
203			De-pressure casing sensor							
204	2004/03/15	09:07:56	235.5822	87.66	-0.76	86.73	-0.44	99.09	0.007	
205	2004/03/15	09:32:56	235.9989	86.42	3.19	86.13	3.31	97.69	0.007	
206	2004/03/15	10:47:56	237.2489	92.42	10.20	91.94	10.27	104.47	0.007	
207	2004/03/15	12:02:56	238.4989	91.70	14.20	91.70	14.21	103.65	0.007	
208	2004/03/15	12:33:56	239.0156	92.42	17.46	91.85	17.47			

Gauge 1 Serial Number: 61811 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Gauge 2 Serial Number: 61812 Start Date: 2004/03/05 13:33:00 Run Depth: 4.60  
 Print Filter: Print every 75th point



# SURFACE SOLUTIONS INC.

<b>AEUB code # :</b>	<b>SURSI</b>	<b>FILE NAME:</b>	<b>ABC1204.bin</b>
<b>COMPANY :</b>	abc Oil & Gas Co. Ltd.	<b>COMPANY REP :</b>	Willy Nilly
<b>WELL NAME :</b>	abc Rolling Stone	<b>FIELD REP :</b>	Jo Blow
<b>LOCATION (UWI) :</b>	13-14-015-16W6	<b>PHONE # :</b>	780-789-0123
<b>FIELD :</b>	Rolling Stone	<b>DATE START :</b>	Mar 5.04
<b>FORMATION :</b>	Saunders	<b>DATE COMP :</b>	Mar 12.04
<b>TECHNICIAN :</b>	Ian Scott	<b>WELL TYPE :</b>	Deviated
<b>OPEN HOLE :</b>	No	<b>TBG / CSG SIZE :</b>	60.3 / 114.3
<b>K.B.:</b>	1198.2	<b>TOP PERF. INT:</b>	1643.0 – 1647.0 mKB
<b>G.L.:</b>	1193.6	<b>BOT PERF. INT:</b>	
<b>WELL STATUS.:</b>	Suspended	<b>TOP PERF. INT.</b>	
<b>TYPE OF WELL:</b>	Gas	<b>BOT PERF. INV</b>	
<b>SWEET / SOUR% :</b>	Sweet	<b>MIDPOINT:</b>	1645.0 mKB

<b>DIRECTIONS:</b>		<b>Odm. Out:</b>		<b>Odm In:</b>		<b>Total Km:</b>	
Moose Mtn to km 6-91, right 0.7 km, left at Y, downhill to location, 3 wells on pad, Furthest well head to the Right hand side.							
<b>UNIT</b>	6181	<b>UNIT ID</b>	Calscan	<b>Battery #</b>	Start VDC	End VDC	
<b>SENSOR</b>	Ch 1	3.5	Csg		3.72		
	Ch 2	3.5	Tbg				
<b>Pas File Required:</b>		<b>Pas File Not Required</b>		<b>Well License #:</b>		0296191	
<b>Program</b>	Interval	Duration	Count	<b>Program</b>	Interval	Duration	Count
<b>Step 1</b>	5 sec	1 min	12	<b>Step 2</b>	1 min	Test	348k
<b>Step 3</b>				<b>Step 4</b>			
<b>Step 5</b>				<b>Step 6</b>			
<b>Step 7</b>				<b>Step 8</b>			
<b>OPERATION:</b> monitor flow and build up pressures							
<b>COMMENTS:</b> wellhead sign left on location							
<b>NOTE: Casing on channel 1</b>							
<b>Tubing on channel 2</b>							
<b>RESULTS TO:</b>		<b>NAME:</b>	<b>PHONE #:</b>		<b>EMAIL: YES/NO</b>		
Calgary		Willy Nilly	403-234-5678		Yes		
Grande Prairie		Jo Blow	780-789-0123		No		

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

