

**Strategic Oil & Gas Ltd.**  
**Final Well Operations Report**  
**Strategic et al Cameron C-19**  
**Well ID – 1767**  
**300/C19601011730/0**

- Jan 20, 2019 :** Steam and thaw wellhead. Performed SCVF test for 10 minutes. No bubbles.
- Jan 27, 2019 :** MIRU Spectrum wireline. MURIH with 56.9 mm guage ring. Tag R nipple at 1433mGL. MURIH with 59.4 mm guage ring. Tag F nipple at 1410 mGL.
- Jan 28, 2019 :** Pumped 6.2 m3 inhibited fresh water ( 0.5% CRW-132 ) down casing followed by 0.5 m3 of 50/50 inhibited methanol water. RIH with nipple brush. Pumped 4.8 m3 inhibited fresh water down tubing followed by 0.4 m3 of 50/50 inhibited methanol water. RIH with 57.15 mm F plug and set in profile in on/off slick joint. Fill tubing with 1.3 m3 of 50/50 inhibited methanol water. Attempt to pressure test tubing. Three unsuccessful attempts. Pressure test tubing to 8000 kPa for fifteen minutes. Solid test. RIH with 58.67 mm F plug and set in profile at 1411.0 mKB. Attempt to pressure test tubing. Three unsuccessful attempts.
- Jan 29, 2019 :** Pull 58.67 mm F plug from profile at 1411.0 mKB. Pull 57.15 mm F plug from profile in on/off slick joint. MURIH with 55.4 mm permanent bridge plug. Set at 1430.0 mKB. Setting tool did not shear off. Pulled out of rope socket. Pull wire out of the hole. MURIH with fishing tools. Latch on to and recover all e-line tools. Fill tubing with 1.5 m3 of 50/50 inhibited methanol water. Attempt to pressure test tubing. Three unsuccessful attempts.
- Jan 30, 2019 :** MURIH with G-packoff plug. Set plug at 1400.5 mGL. Attempt to pressure test tubing. Unsuccessful. Pull G-packoff plug. Element from plug tore off and remains in the hole.
- Jan 31, 2019 :** Recover element from plug. MURIH 57.15 mm F plug and land in nipple in on/off. MURIH G packoff plug and set at 52 mGL. Attempt to pressure test tubing. Unsuccessful. Pull G packoff plug. Appears to not have set properly. MURIH G packoff plug and set at 52 mGL. Attempt to pressure test tubing. Unsuccessful. Pull G packoff plug. Pull F plug. Punch hole in tubing 0.5 meters above permanent plug. Pump 2 m3 inhibited fresh water down the tubing.
- Mar 8, 2019 :** MIRU Global #9. Performed SCVF test for 15 minutes. No bubbles. Pumped 5.0 m3 fresh water down tubing. Bled off gas head while pumping down tubing ( 1.175 e3m3 in 50 minutes ). Worked on seized wellhead bolts while stump testing BOP's.

- Mar 9, 2019 :** Bleed of tubing and casing gas head ( volume was TSTM ). Pump 5.0 m3 fresh water down tubing. Installed and pressure tested BOP's. Unset packer. Work packer until elements fully relaxed. Pumped 12.0 m3 fresh water down casing. Pull and lay down tubing ( yellow – 147, blue – 1, green – 1 and red – 3 ). RIH with packer. Set packer at 1464.7 mKB. Pump 5.5 m3 fresh water down tubing. Packer was not holding.
- Mar 10, 2019 :** Run in two joints tubing and set packer at 1483.0 mKB. Pump 1.0 m3 fresh water down tubing. Pressure test existing bridge plug and cement to 7000 kPa for ten minutes. Solid test. Unset packer and POOH. RIH with 139.7 mm 10K permanent bridge plug. Land at 1426.0 mKB. Filled tubing with 4.3 m3 fresh water and pressured up to 14000 kPa to set bridge plug. Rotate off of BP. Pumped 4.5 m3 fresh water down tubing. Pressure test bridge plug to 7000 kPa for 10 minutes. Solid test.
- Mar 11, 2019 :** Mixed 0.5 m3 of 1900 kg/m3 cement. Circulated down tubing followed by 4.10 m3 fresh water. Rotate out of BP and lay down 5 joints tubing. Reverse circulated 17.0 m3 inhibited fresh water ( 0.5% CRW-132 ). 30 liters cement in returns. Cement top at 1385.7 mKB. Pull and lay down tubing. Remove BOP's and install wellhead. Topped up casing with 1.5 m3 50/50 inhibited methanol water. Rig out
- Mar 12, 2019 :** Rig out. Clean out fluids from all tanks. Move mobile equipment to H-03 camp.
- Mar 13, 2019 :** Demobilize from Cameron Hills area.

Ken Miller  
March 29, 2019

## WELL TERMINATION RECORD

**INSTRUCTIONS:**

1. Complete both pages.
2. Send one electronic copy of this form and supporting technical documentation by email to [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca).
3. Send two signed hard copies of this form and supporting technical documentation by courier to:  
 Chief Conservation Officer  
 Office of the Regulator of Oil and Gas Operations  
 4th floor Northwest Tower  
 5201 50th Avenue  
 Yellowknife NT X1A 3S9

**WELL INFORMATION**

Well Name	Strategic et al Cameron C-19	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Global Well Servicing Rig 9
Well Identifier	1767	Current Well Status	Suspended

**RELATED LICENCES AND AUTHORIZATIONS**

Operating Licence No.	NWT-OL-2014-007	Operations Authorization	OA - 1237-001
PRA Licence No.	Production Licence 015	Approval to Alter Condition of Well	ACW - 2019-002

**LOCATION INFORMATION**

**Coordinates** Datum: NAD27 (if Other, please specify \_\_\_\_\_)

Surface	Lat 60 ° 8 ' 7 "	Long 117 ° 33 ' 8 "
Bottom Hole	Lat 60 ° 8 ' 7 "	Long 117 ° 33 ' 8 "

Region: Dehcho Unit C Section 19 Grid 60-10 117-30

**ACTIVITY INFORMATION**

Target Formation(s)	Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	786.3 m	Ground Level / Seafloor	782.8 m
Spud/Re-entry Date	Jan 20, 2019 days	Total Depth	1668.0 m KB
Rig Release Date	Mar 13, 2019	Total Vertical Depth	1668.0 m KB

**CASING AND CEMENTING PROGRAM**

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)
244.5	53.57	J-55	395.0	40.0 tonnes
139.7	20.83	IK-55	1668.0	48.0 tonnes



**PLUGGING PROGRAM**

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
Bridge	1538.0-1543.0	No	1543.0	0.06
Bridge	1385.7-1426.0	No	1426.0	0.5
Select	-	Select		
Select	-	Select		

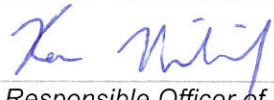
**PERFORATION**

Interval (m KB)	Comments
1549.0-1555.5	Keg River - previously abandoned zone
1438.0-1451.3	Sulphur Point - abandoned zone
-	
-	

**OTHER**

Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	
Provision for Re-entry (Describe and attach sketch)	
Other Downhole Completion/Suspension	
Additional Comments	

***"I certify that the information provided on this form is true and correct"***

Name	Ken Nikiforuk	Phone	(403) 767-2944 Ext
Title	Completions Manager	E-Mail	knikiforuk@sogoil.com
Operator	Strategic Oil & Gas Ltd		
Signature		Date	March 29, 2019
	Responsible Officer of Company		

**OROGO use only**

Unique Well Identifier

 30 / \_\_\_\_ - \_\_\_\_ - \_\_\_\_ / \_\_\_\_  
 (eg. 300 / A01 60-00 120-00 / 0)



## Document Title

### Final Installation Report

Company	Strategic Oil & Gas	Reference	CS0031963
Prepared for	Shayne Stahl	Client	780-841-8106
Sales rep	Ryan Akazay	Vendor	780-841-7660
Service center	High Level	Drawn by	R.Akazay
Date	3/11/2019	Page	1

Tubular	Size (mm)	Weight (kg/m)	Grade	Thread	Top Depth (mKB)	Bottom Depth (mKB)
Surface Casing	244.50	53.60	J-55	LT&C	Surface	395.00
Casing	139.70	23.07	K-55	LT&C	Surface	1668.00

ITEM	DESCRIPTION	ID	OD	Length (m)	Depth (m)
1.	139.7mm Tryton Kappa 10K Permanent Drillable Bridge Plug		139.7	0.37	1426.00
	Class 'G' Cement			40.25	1385.70

#### NOTES

A.) 139.70mm Existing CARDIUM 'RNT' Perm. Bridge Plug PT. 7000Kpa/10Mins. Test Passed.

1.) 139.7mm TRYTON Kappa 10K Permanent Bridge Plug PT. 7000Kpa/10Mins. Test Passed.

-Casing Collars Located @ 1414.03 mkb / 1427.00 mkb

This document is confidential correspondence between our company and its customer. It may not be reproduced in any form, in whole or in part, by any means including any electronic format, nor its contents disclosed to anyone but our employees and employees of our customer.

powerDRAW.net

395.00 m

Cement Top @  
1385.70 mkb

Kappa 10K  
Top@1426.00  
MKB

1

SULPHUR  
POINT  
1438.00 m

1443.00 m

1446.30 m

1451.30 m

Cement Top @  
1538.00 mkb.

CARDIUM  
'RNT' TCE@  
1543.00mkb

A

KEG RIVER  
1549.00 m

1555.50 m

1668.00 m



Tel2:  
Tel1: (780) 841-8106

Remarks:	
----------	--

Total:	5
--------	---

	<input type="checkbox"/> Case	D. J.	103-311	C	DATE: 10/28/96	FBI - NEW YORK
--	-------------------------------	-------	---------	---	----------------	----------------

Manager:	Programmed By:
----------	----------------

## Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:  
Tel1: (780) 841-8106

UWI: 300C196010117300				WELL: Strategic et al Cameron C-19				DATE: 12-Mar-2019			
24 Hr Summary: Completed rig out, cleaned tanks, hauled out fluids, moved mobile equipment								END: 13-Mar-2019			
Formation: Sulphur Point				Surf Loc: C19601011730				Licence: 1767		Day #: 11	
Objective: Suspend well with slickline						Serv Rig Start: 08-Mar-2019		Serv Rig End: 13-Mar-2019			
Operations at 6:00: Move to km 28.5 in Steen River.						AFE #: 19WRCAM007		AFE Estimate: \$77,570.00			
Daily Cost:		\$20,267		Previous Cumulative Cost:		\$271,963		Cum Cost:		\$292,230	
Ground:	782.80	m	KB To TH	3.10	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	3.50	m	Tubing:	73	mm	Bot at:	1443				
TD (MD):	1,668.00	m	Casing:	139.7	mm	Set at:	1668				
PBTD:	1,538.00	m	Liner:		mm	Top at:					
BOP Drill:			BOP Press Test:			Function Test:					
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H <sub>2</sub> S	%		

Remarks:

[illegible]

---

Total: 13

Equipment on Location:

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10³m³/d	Cum:	1.175 10³m³	Tubing volume:		m³			
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m³	Cum:	0 m³	Csg. ann vol:		m³			
	<input type="checkbox"/> Water:	Daily:	m³	Cum:	0 m³	Open hole vol:		m³			
	Time Swabbed/Flowed:		Daily:	0.00 hrs	Cum:	hrs	Total:	0 m³			
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m³	Cum	0 m³	Rec	m³	Cum	0 m³	To Rec	0 m³
	Cums <input type="checkbox"/> WATER	Used	m³	Cum	41.8 m³	Rec	m³	Cum	0 m³	To Rec	41.8 m³
	<input type="checkbox"/> OTHER	Used	m³	Cum	0 m³	Rec	m³	Cum	0 m³	To Rec	0 m³
Hours	Service Rig Hours	Daily	13.00 hrs	Cumulative	59.50 hrs	DownTime:	hrs	Cumulative DownTime:	hrs		
	Personnel on Location	Rig:	5	Service:	8	Company:	1	Total Personnel:	14		
	Weather: Snow	Temp	-12 °C	Lease:	Good				Roads:	Good	
Manager:				Programmed By:							





Tel2:  
Tel1: (780) 841-8106

Remarks:									
----------	--	--	--	--	--	--	--	--	--

Total:	11
--------	----

	<input type="checkbox"/> Gas:	Daily:	$10^3 \text{ m}^3/\text{d}$	Curve:	$1.175 \cdot 10^3 \text{ m}^3$	Taking volume:	$\text{m}^3$
--	-------------------------------	--------	-----------------------------	--------	--------------------------------	----------------	--------------

[illegible]



Tel2:  
Tel1: (780) 841-8106



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300C196010117300		WELL: Strategic et al Cameron C-19		DATE: 09-Mar-2019	
24 Hr Summary: Killed well, installed BOPs, unset packer and POOH, RIH new packer, packer					
Formation: Sulphur Point		Surf Loc: C19601011730		Licence: 1767	
Objective: Suspend well with slickline		Serv Rig Start: 08-Mar-2019		Serv Rig End: 13-Mar-2019	
Operations at 6:00: RIH with 2 jts and reset packer, test lower BP.		AFE #: 19WRCAM007		AFE Estimate: \$77,570.00	
Daily Cost: \$37,479		Previous Cumulative Cost: \$169,314		Cum Cost: \$206,793	
Ground:	782.80 m	KB To TH:	3.10 m	Open Hole:	mKB
KB to Grd:	3.50 m	Tubing:	73 mm	Bot at:	1443 m
TD (MD):	1,668.00 m	Casing:	139.7 mm	Set at:	1668 m
PBTD:	1,538.00 m	Liner:	mm	Top at:	m
BOP Drill: yes	BOP Press Test: yes		Function Test: yes		
SITP: 50 kPa	SICP: 350 kPa	SCV: kPa	H <sub>2</sub> S	%	

Remarks:

Time From	Time To	Hours	Code	Comments
07:00	07:30	0.5	SAFE	Conducted crew safety and operations meeting. Swept lease for LEL's and H <sub>2</sub> S. Function tested crown saver, air kills, blind rams, 73.0mm pipe rams and annular.
07:30	08:30	1	KILL	Bled off tbq and csg gas heads. gas was TSTM. Pumped 5.0 m <sup>3</sup> fresh water down tbq.
08:30	10:00	1.5	BOPS	Removed wellhead and installed landing pup c/w safety valve, installed BOPs. Tested ring gasket and 73.0mm pipe rams to 1.4 and 21.0 MPA for 10 mins each. Rigged up working floor and power tongs.
10:00	12:00	2	KILL	Unset packer, let elements relax for 15 mins, could not pump past packer, worked packer until elements fully relaxed. pumped 12.0 m <sup>3</sup> fresh water down csg.
12:00	15:30	3.5	TRPTBG	Removed tbq hanger, rigged up tbq inspector. POOH with 150 - jts, F nipple, pup, packer, 2 jts and R nipple. Conducted blow out drill, 55 seconds to shut in. Inspected tbq. 147 - yellow, 1 - blue, 1 - green, 3 - red. Pulled slow due to packer dragging.
15:30	18:15	2.75	TRPTBG	Made up, tallied and RIH with MCL, 139.7mm DG packer, circulating valve, pup, 58.67mm F nipple and 155 - jts 73.0mm tbq. Set packer at 1464.70 mKB, csg collar located at 1467.20 mKB.
18:15	19:30	1.25	PTST	Filled tbq with 5.50 m <sup>3</sup> and established circulation. Packer was not holding. Unset packer and reset, same results. Secured well, drained pump and lines, SDFN.

Total: 12.5

Equipment on Location:

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	1.175 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Csg. ann vol:	m <sup>3</sup>
	<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Open hole vol:	m <sup>3</sup>
	Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum:	hrs	Total:	0 m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used	28 m <sup>3</sup>	Cum	33 m <sup>3</sup>	Rec	m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
Hours	Service Rig Hours	Daily	12.50 hrs	Cumulative	24.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	5	Company:	1
	Weather: Cloudy	Temp	-14 °C	Lease:	Good	Roads:	Good
Manager:		Programmed By:					





114-172 Clearview Drive Red Deer County, AB T4E 0A1

Field Ticket  
Contact  
Phone

P93032

Chad Rookes

(780)512-5009

#### Customer Information

Company Name	Strategic Oil & Gas	Date	March 09, 2019
Surface Location	60 10' N 117 30' W	AFE No.	
UWI	C-19-60 10' N 117 30' W	Contract	
Rig Name & #	Global # 9	Co. Rep	Shanye Stahl
Area	Steen River	Code #	

#### Wellhead Tubing Inspection

Qty	Description	Unit Price	Total
152	Joints of 73.0mm, 9.67Kg, J55, EUE Tubing Inspected	\$ 15.00	\$ 2,280.00
450	Kms From Base & Return	\$ 1.50	\$ 675.00

Ultra Sonic Measurements		
Jt #	Wall Min	Wall Max
1	0.217	0.225
53	0.220	0.228
104	0.220	0.228

Head	60H15
Console	B0402
T-MGN	100H
R-WDS	250M

Sub Total	\$ 2,955.00
10% Discount	\$ -295.50
New Sub Total	\$ 2,659.50
GST	\$ 132.98
Total	\$ 2,792.48

0-15%	Yellow	147
16-30%	Blue	1
31-50%	Green	1
51+%	Red	3
Total		152

Order of Tubing Pulled	
150	73mm Eue J55 Tubing
1	Nipple
1	73mm Eue J55 10' Pup
1	on/off
1	Packer
2	73mm Eue J55 Tubing
1	no/go
1	re-entry

Notes	Time Requested	7:30 AM	Inspection Start Time	12:00 PM
<p>Most of yhe tubing was really good yellow band.</p> <p>Pitting showed up starting at joint 119 and stayed for most of the rest of the well.</p> <p>joint 152 had wireline hole in it.</p>				

Inspector Cyril Gorman

Customer \_\_\_\_\_

Jt#	Wall Loss	Pitting	Damage
1	5	5	
1	Ultrasonic Wall Min: 0.217 Max: 0.225		
2	5	5	
3	5	5	
4	5	5	
5	5	5	
6	5	5	
7	5	5	
8	5	5	
9	5	5	
10	5	5	
11	5	5	
12	5	5	
13	5	5	
14	5	5	
15	5	5	
16	5	5	
17	5	5	
18	5	5	
19	5	5	
20	5	5	
21	5	5	
22	5	5	
23	5	5	
24	5	5	
25	5	5	
26	5	5	
27	5	5	
28	5	5	
29	5	5	
30	5	10	Pitting
31	5	5	
32	5	5	
33	5	5	
34	5	5	
35	5	5	
36	5	5	
37	5	5	
38	5	5	
39	5	5	
40	5	5	
41	5	5	
42	5	5	
43	5	5	
44	5	5	
45	5	5	
46	5	5	
47	5	5	
48	5	5	
49	5	5	
50	5	5	

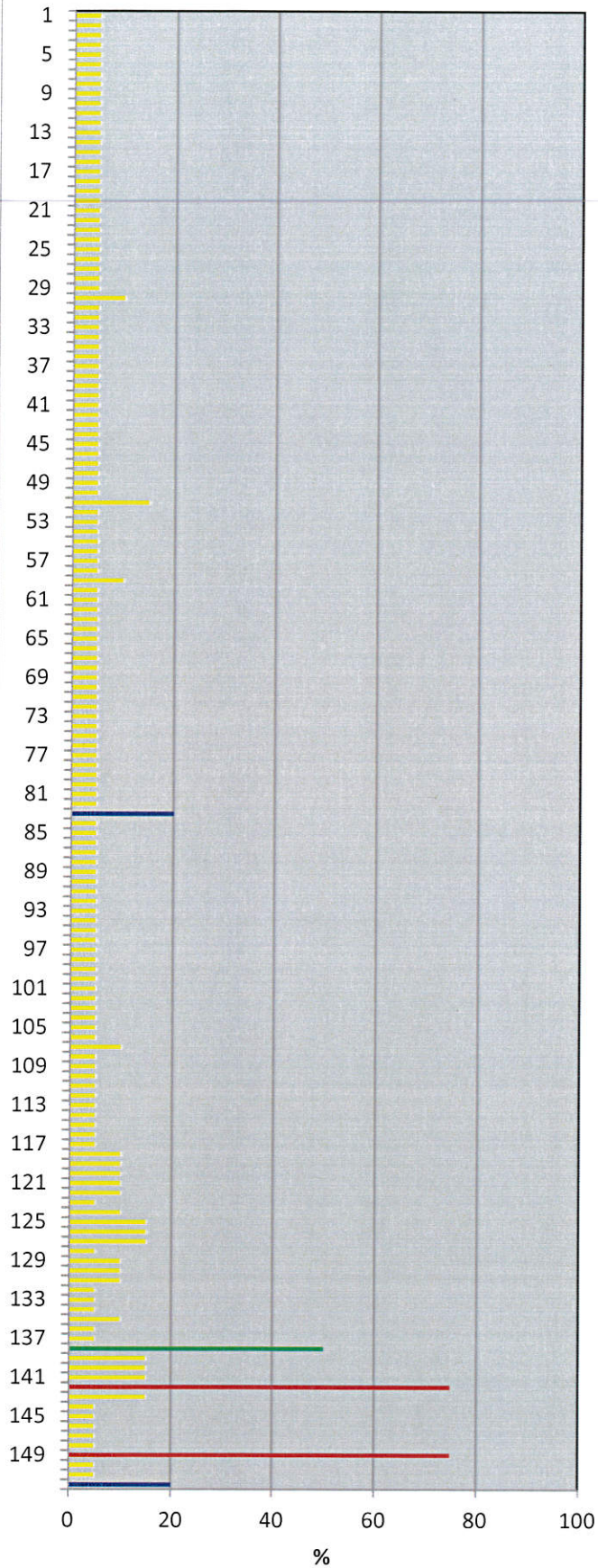
Jt#	Wall Loss	Pitting	Damage
51	5	15	Pitting
52	5	5	
53	5	5	
53	Ultrasonic Wall Min: 0.220 Max: 0.228		
54	5	5	
55	5	5	
56	5	5	
57	5	5	
58	5	5	
59	5	10	Pitting
60	5	5	
61	5	5	
62	5	5	
63	5	5	
64	5	5	
65	5	5	
66	5	5	
67	5	5	
68	5	5	
69	5	5	
70	5	5	
71	5	5	
72	5	5	
73	5	5	
74	5	5	
75	5	5	
76	5	5	
77	5	5	
78	5	5	
79	5	5	
80	5	5	
81	5	5	
82	5	5	
83	20	20	Wall Loss & Pitting
84	5	5	
85	5	5	
86	5	5	
87	5	5	
88	5	5	
89	5	5	
90	5	5	
91	5	5	
92	5	5	
93	5	5	
94	5	5	
95	5	5	
96	5	5	
97	5	5	
98	5	5	
99	5	5	
100	5	5	

Jt#	Wall Loss	Pitting	Damage
101	5	5	
102	5	5	
103	5	5	
104	5	5	
104	Ultrasonic Wall Min: 0.220 Max: 0.228		
105	5	5	
106	5	5	
107	5	10	Pitting
108	5	5	
109	5	5	
110	5	5	
111	5	5	
112	5	5	
113	5	5	
114	5	5	
115	5	5	
116	5	5	
117	5	5	
118	5	10	Pitting
119	5	10	Pitting
120	5	10	Pitting
121	5	10	Pitting
122	5	10	Pitting
123	5	5	
124	5	10	Pitting
125	5	15	Pitting
126	5	15	Pitting
127	5	15	Pitting
128	5	5	
129	5	10	Pitting
130	5	10	Pitting
131	5	10	Pitting
132	5	5	
133	5	5	
134	5	5	
135	5	10	Pitting
136	5	5	
137	5	5	
138	10	50	Wall Loss & Pitting
139	5	15	Pitting
140	5	15	Pitting
141	5	15	Pitting
142	10	75	Wall Loss & Pitting
143	5	15	Pitting
144	5	5	
145	5	5	
146	5	5	
147	5	5	
148	5	5	
149	30	75	Wall Loss & Pitting
150	5	5	

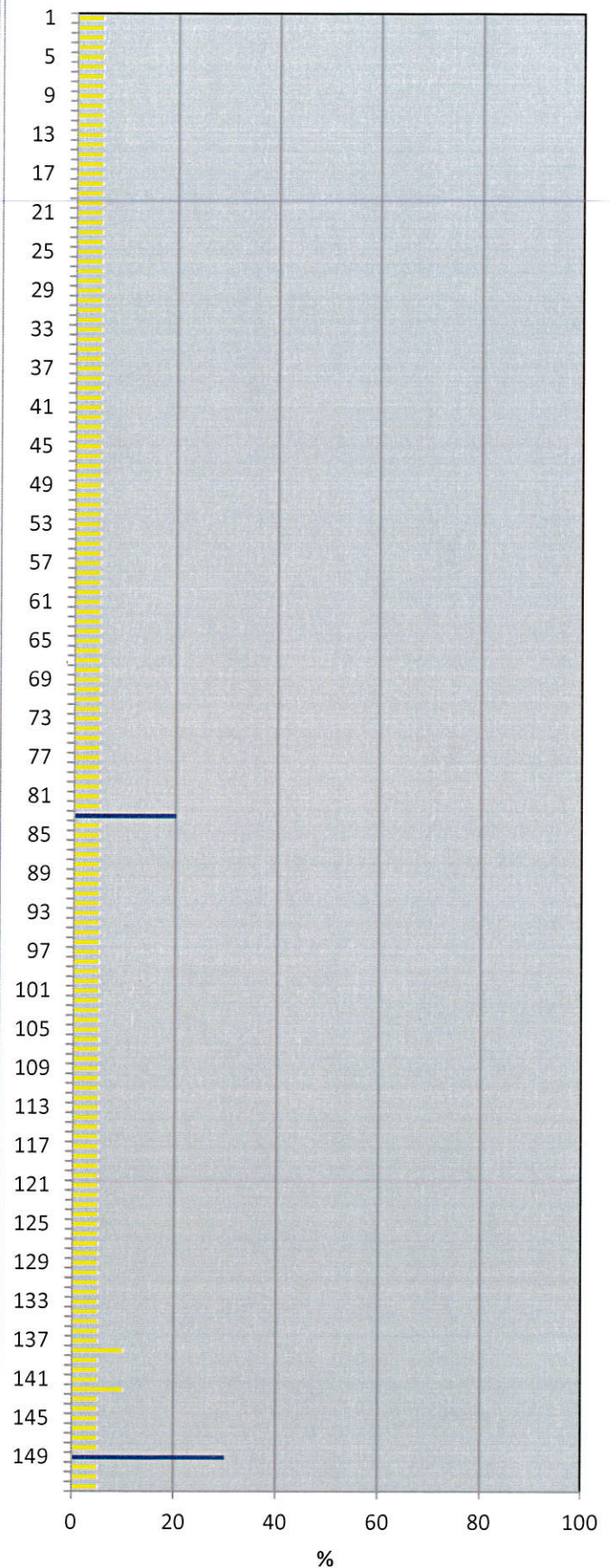
Jt#	Wall Loss	Pitting	Damage
151	5	5	
152	5	20	Mechanical Hole



## Pitting 1 to 152

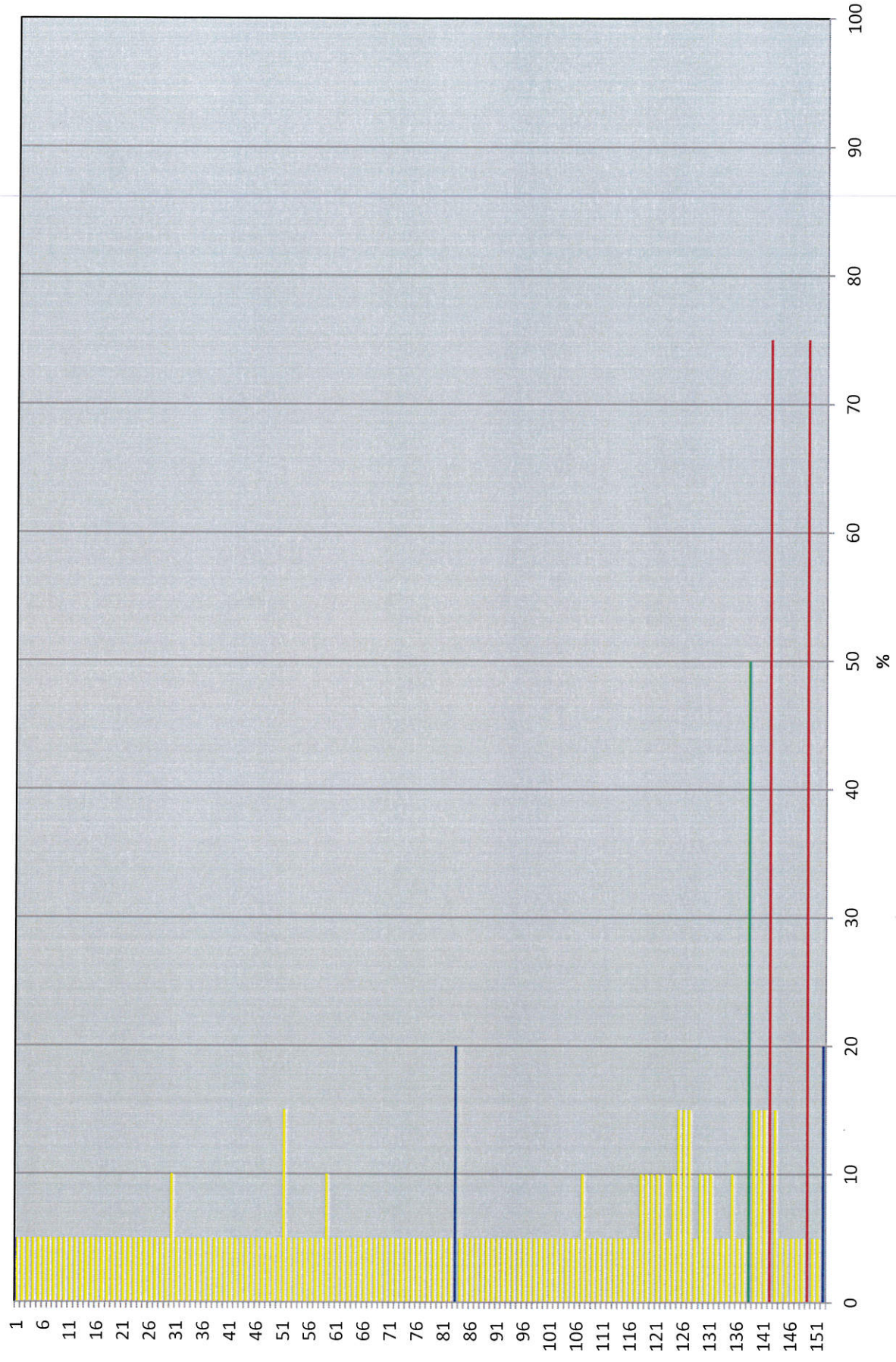


## Wall Loss 1 to 152



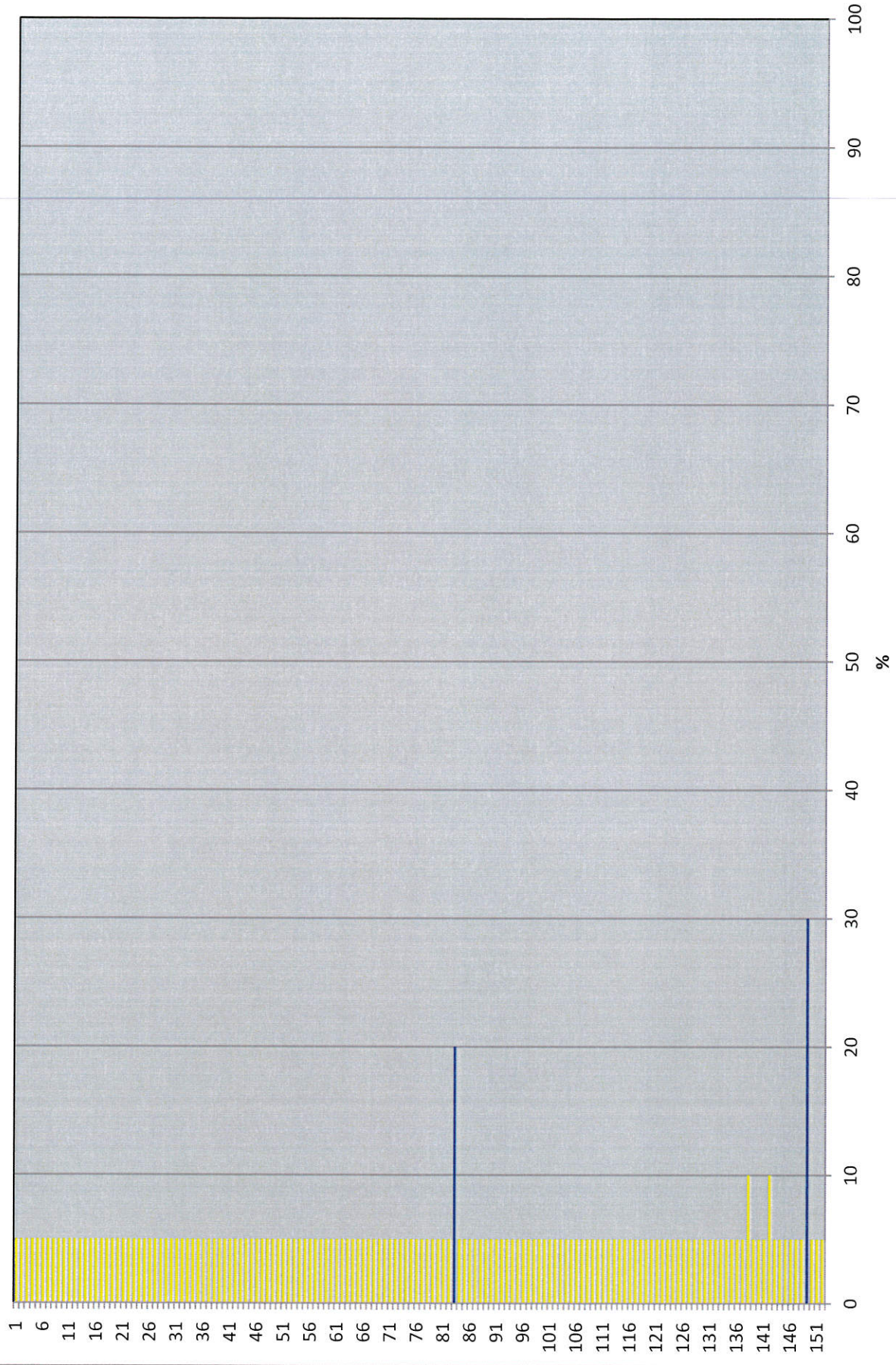


# Pitting 1 to 152





## Wall Loss 1 to 152







Tel2:  
Tel1: (780) 841-8106

Remarks:

Total:	12
--------	----

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	1.175	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	1.175	10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>						
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>		Cum:	0 m <sup>3</sup>		Csg. ann vol:	m <sup>3</sup>						
	<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>		Cum:	0 m <sup>3</sup>		Open hole vol:	m <sup>3</sup>						
	Time Swabbed/Flowed:	Daily:	0.00 hrs		Cum:	hrs		Total:	0 m <sup>3</sup>						
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m <sup>3</sup>		Cum	0 m <sup>3</sup>		Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>		To Rec	0 m <sup>3</sup>	
	Cums <input type="checkbox"/> WATER	Used	5 m <sup>3</sup>		Cum	5 m <sup>3</sup>		Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>		To Rec	5 m <sup>3</sup>	
	<input type="checkbox"/> OTHER	Used	m <sup>3</sup>		Cum	0 m <sup>3</sup>		Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>		To Rec	0 m <sup>3</sup>	
Hours	Service Rig Hours	Daily	12.00 hrs		Cumulative	12.00 hrs		DownTime:	hrs		Cumulative DownTime:	hrs			
	Personnel on Location	Rig:	6		Service:	9		Company:	1		Total Personnel:	16			
	Weather: Cloudy	Temp	-24 °C		Lease:	Good					Roads:	Good			
Manager:					Programmed By:										

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:

Tel1: (780) 841-7816

UWI: 300C196010117300		WELL: Strategic et al Cameron C-19		DATE: 31-Jan-2019	
24 Hr Summary: Set FSG in On/off / Set "G" Packoff - Pull all Plugs,Perf Tbg, MOL					END: 13-Mar-2019
Formation: Sulphur Point		Surf Loc: C19601011730		Licence: 1767	Day #: 6
Objective: Suspend well with slickline			Serv Rig Start: 08-Mar-2019	Serv Rig End 13-Mar-2019	
Operations at 6:00: slickline work complete.			AFE #: 19WRCAM007	AFE Estimate: \$77,570.00	
Daily Cost: \$29,738		Previous Cumulative Cost: \$98,161		Cum Cost: \$127,899	
Ground:	782.80 m	KB To TH	3.10 m	Open Hole:	mKB
KB to Grd:	3.50 m	Tubing:	73 mm	Bot at:	1443 m
TD (MD):	1,668.00 m	Casing:	139.7 mm	Set at:	1668 m
PBTD:	1,538.00 m	Liner:	mm	Top at:	m
BOP Drill:		BOP Press Test:		Function Test:	
SITP:	5200 kPa	SICP:	5160 kPa	SCV:	0 kPa
				H <sub>2</sub> S	%

Remarks:

Time From	Time To	Hours	Code	Comments
07:00	08:30	1.5	SAFE	Meet with all personal at Camp,Held daily operational & safety meeting,Review Job Procedures,Hazards, Weather conditons,-26C windy, watch for frost bite, Take breaks, Issue Work permit. Travel to Location.
				Tarp and steam Heat wellhead. Record SITP, 5200kpa; SICP 5160KPA
08:30	17:00	8.5	SLICK	Rig up Spectrum Slickline Equip. Purge lubricator with N2 , PT 7mpa Test Good.
				MURIH with Wire grab to 1422mkb, Recovered 80% of "G" Packoff element.
				MURIH with 57.15mm FSG Plug and set in 57.15mm "F" profile in On/off at 1412MGL.POOH
				MURIH with 73mm "G" Packoff plug and set at 52MGL, MU RIH set slipspot on "G" Packoff.
				PT Tbg 7mpa- No Test.
				Pull slipstop and "G" Packoff. Believe that "G" Packoff did not Fully set.
				MU different "G" Packoff RIH and set "G" packoff at 52MGL, POOH.
				PT Tbg 7mpa - No Test. MU RIH with Blind Box, Jar down on "G" Packoff to insure Packoff fully set. POOH. PT Tbg - No Test. MU GS Pulling tool,RIH and Pull "G" Packoff. POOH.
				MURIH with SB Pulling tool and Pull the equalizing prong from FSG Plug at 1412MGL.POOH
				MURIH with RB Pulling tool c/w "AC" swivel Probe & pull the FSG Plug from On/off at 1412MGL.POOH
				MURIH with 73mm Tbg punch, Tag PBP at 1430mkb, Cut hole in Tbg 0.5m above PBP.
				Tbg pressure drop by 3000kpa, POOH FL at 300m, Pump 2m3 down Tbg,Tbg on Vac.
17:00	18:30	1.5	SDFN	Rigout all Equip, Secure well, Valves Chained and Locked. Move off location.
				Travel back to Camp.

Total: 11.5

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>
	<input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Csg. ann vol:	m <sup>3</sup>
	<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Open hole vol:	m <sup>3</sup>
	Time Swabbed/Flowed:	Daily:	hrs	Cum:	hrs	Total:	0 m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
Hours	Service Rig Hours	Daily	hrs	Cumulative	hrs	DownTime:	hrs
	Personnel on Location	Rig:		Service:		Company:	
	Weather: Snowing/blowin	Temp	-26 °C	Lease: snow covered		Roads: ice roads	
Manager:		Programmed By:					





Tel2:  
Tel1: (780) 841-7816

Page 1 of 1



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:

Tel1: (780) 841-7816

UWI: 300C196010117300	WELL: Strategic et al Cameron C-19	DATE: 29-Jan-2019
24 Hr Summary: Pull plugs, Set PBP 1430mkb-PT Tbg - No Test	END: 13-Mar-2019	
Formation: Sulphur Point	Surf Loc: C19601011730	Licence: 1767
Objective: Suspend well with slickline	Serv Rig Start: 08-Mar-2019	Serv Rig End: 13-Mar-2019
Operations at 6:00: Set "G" Packoff	AFE #: 19WRCAM007	AFE Estimate: \$77,570.00
Daily Cost: \$25,696	Previous Cumulative Cost: \$47,537	Cum Cost: \$73,233
Ground: 782.80 m	KB To TH: 3.10 m	Open Hole: mKB
KB to Grd: 3.50 m	Tubing: 73 mm	Bot at: 1443 m
TD (MD): 1,668.00 m	Casing: 139.7 mm	Set at: 1668 m
PBTD: 1,538.00 m	Liner: mm	Top at: m
BOP Drill:	BOP Press Test:	Function Test:
SITP: 2050 kPa	SICP: 7310 kPa	SCV: 0 kPa
		H <sub>2</sub> S %

Remarks:

Time From	Time To	Hours	Code	Comments
06:30	07:30	1	SAFE	Held daily safety and operational meeting at camp with all personal. Review Job, procedures, Hazards, Driving condition, Weather conditions, Issue Work permit
				Travel to Location. Sweep wellhead for Gas, None detected.
07:30	08:30	1	SHUT	Steamheat wellhead, Record SITP 2050kpa, SICP 7310kpa..
08:30	11:45	3.25	SLICK	Rig in Slickline Unit, purge Lubricator with N <sub>2</sub> , PT Lubricator to 7mpa, Test Good.
				MURIH with 2.5in SB Pulling tool, latch and Pull Equalizing prong from FWG Plug at 1410MGL, POOH
				MURIH with 2.5in RB Pulling Tool c/w "B" Probe, Pull the FWG Plug from 1410MGL. POOH
				MURIH with 2.5in SB Pulling tool and latch and pull prong from FSG plug at 1413MGL, POOH.
				Tbg on Vac.
				MURIH with RB c/w "AC" swivel Probe, Pull 57.15mm FSG Plug from On/off at 1413MGL, POOH.
				Fluid level at 600m
				Rigout slickline equip.
11:45	12:15	0.5	WIRE	Rig in E-Line Equip to set PBP in Tbg. PBP- Jet Research PBP OD 2.188in ( 55.4mm OD ) Elite
				Nitrile Element, Setting Range 2.28in ( 57.91mm) to 2.563in ( 65.1mm)
12:15	12:30	0.25	SAFE	Pre-arming safety review with all personal. Shutdown all Communications, none essential
				personal stay clear of arming area.
12:30	16:30	4	WIRE	Arm 55.4mm PBP. RIH and correlate on depth to Well Schematic dated Jan 22, 2003.
				Set PBP at 1430mkb. Wait 15mins for Plug to set and shear off, did not shear off setting tool,
				Work wireline for 30mins, couldn't pull free. Pull out of rope socket. POOH Wireline. Tie new
				rope socket, Rig in Additional Lubricator. MU RIH with Fishing tools,

Total: 12

Equipment on Location:

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily: 10 <sup>3</sup> m <sup>3</sup> /d	Cum: 0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume: m <sup>3</sup>
	Cums <input type="checkbox"/> Oil or Condensate:	Daily: m <sup>3</sup>	Cum: 0 m <sup>3</sup>	Csg. ann vol: m <sup>3</sup>
	<input type="checkbox"/> Water:	Daily: m <sup>3</sup>	Cum: 0 m <sup>3</sup>	Open hole vol: m <sup>3</sup>
	Time Swabbed/Flowed:	Daily: hrs	Cum: hrs	Total: 0 m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
				Cum 0 m <sup>3</sup>
Hours	Service Rig Hours	Daily hrs	Cumulative hrs	DownTime: hrs
	Personnel on Location	Rig: 0	Service: 7	Company: 1
	Weather: clear	Temp -20 °C	Lease: snow covered	Roads: ice roads
Manager:		Programmed By:		



Tel2:  
Tel1: (780) 841-7816

Page 2 of 2



Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:

Tel1: (780) 841-7816

UWI: 300C196010117300	WELL: Strategic et al Cameron C-19	DATE: 28-Jan-2019
24 Hr Summary: Fill Casing-PT 8mpa,Set Tbg Plug, PT Tbg-Test Failed.SDFN	END: 13-Mar-2019	
Formation: Sulphur Point	Surf Loc: C19601011730	Licence: 1767
Objective: Suspend well with slickline	Serv Rig Start: 08-Mar-2019	Serv Rig End: 13-Mar-2019
Operations at 6:00: Pull Tbg Plugs	AFE #: 19WRCAM007	AFE Estimate: \$77,570.00
Daily Cost: \$28,509	Previous Cumulative Cost: \$19,028	Cum Cost: \$47,537
Ground: 782.80 m	KB To TH: 3.10 m	Open Hole: mKB
KB to Grd: 3.50 m	Tubing: 73 mm	Bot at: 1443 m
TD (MD): 1,668.00 m	Casing: 139.7 mm	Set at: 1668 m
PBTD: 1,538.00 m	Liner: mm	Top at: m
BOP Drill:	BOP Press Test:	Function Test:
SITP: 7756 kPa	SICP: 7764 kPa	SCV: 0 kPa
		H <sub>2</sub> S %

## Remarks:

6.7m3 Pumped down Casing to fill casing. 6.2m3 of Fresh inhibited, 500L of 50/50 Methonal Water  
4.8m3 of Fresh inhibited water pumped down tbg. + 1.8m3 of 50/50 Methonal water Mix

Time From	Time To	Hours	Code	Comments
06:30	08:00	1.5	SAFE	Meet with all personal at Camp,Held daily operational & Safety meeting. Review Job procedures,Hazards,Issue Work Permit. Travel to location. Sweep wellhead for Gas,None detected.
08:00	08:30	0.5	SHUT	Rig in Pencoff Steamer, Tarp wellhead & Steam Heat Wellhead.
				Record SITP 7756kpa; SICP 7764kpa
08:30	10:00	1.5	PTST	Rig in Semerra Pressure unit to Casing. PT Pump Lines to 12mpa,Test Good.
				Pump 6.2m3 of Fresh Inhibited water down Casing to Max of 10mpa. Bleed off Fluid pressure. Top up casing with 500L of 50/50 Methonal water.
10:00	10:45	0.75	SLICK	Rig in Spectrum Slickline unit.Purge Lubricator with N2 & PT 9mpa with N2,Test Good.
				MURIH with Nipple brush,and brush all 3 profile Nipples in Tbg String. POOH
10:45	11:15	0.5	PTST	Rig Semerra pressure truck to Tbg. Flush Tbg with 4.8m3 of fresh Inhibited Water ( Baker Hughes CRW132 @ 0.5% ) down Tbg, and 400L of 50/50 Fresh water / Methonal Mix. Total of 5.2m3 Pumped. Tbg on Slight Vac.
11:15	15:00	3.75	SLICK	MURIH with 57.15mm FSG Plug,Tag Fluid level at 365m. Set Plug in 57.15mm "F" profile in On/off slick Jt. POOH. Fluid Level at 460m.
				Fill Tbg with 1.3m3 of 50/50 Methonal / water. PT Tbg to 8mpa x 15mins, 3- attempts,800-900kpa leakoff each time. Informed Calgary of Test Results.
				Casing Test Good at 8mpa x 15mins.
				MURIH with 58.67mm ( 2.31in ) FWG Plug ( Top NOGO OD 59.43mm, 2.34in ) set in "F" Profile nipple at 1410MGL. POOH
				3- Attempts to PT TBg - No Test. 1250kpa leakoff each time.

Total: 9.5

## Equipment on Location:

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Csg. ann vol:	m <sup>3</sup>
	<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Open hole vol:	m <sup>3</sup>
	Time Swabbed/Flowed:	Daily:	hrs	Cum:	hrs	Total:	0 m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>
						Cum	0 m <sup>3</sup>
Hours	Service Rig Hours	Daily	hrs	Cumulative	hrs	DownTime:	hrs
	Personnel on Location	Rig:		Service:		Company:	
	Weather: Overcast snowin	Temp	°C	Lease: snow covered		Total Personnel:	0
						Roads: ice roads	
Manager:		Programmed By:					





Tel2:  
Tel1: (780) 841-7816

UWI: 300C196010117300	WELL: Strategic et al Cameron C-19	Day #: 3	DATE: 28-Jan-2019
-----------------------	------------------------------------	----------	-------------------



Tel2:  
Tel1: (780) 841-7816

Remarks:	
----------	--

Total:	3.5
--------	-----

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	0 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:		m <sup>3</sup>			
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Csg. ann vol:		m <sup>3</sup>			
	<input type="checkbox"/> Water:	Daily:	m <sup>3</sup>	Cum:	0 m <sup>3</sup>	Open hole vol:		m <sup>3</sup>			
	Time Swabbed/Flowed:		Daily:	hrs	Cum:	hrs	Total:		0 m <sup>3</sup>		
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	0 m <sup>3</sup>
	Cums <input type="checkbox"/> WATER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	0 m <sup>3</sup>
	<input type="checkbox"/> OTHER	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	0 m <sup>3</sup>
Hours	Service Rig Hours	Daily	hrs	Cumulative	hrs	DownTime:	hrs	Cumulative DownTime:	hrs		
	Personnel on Location	Rig:		Service:		Company:		Total Personnel:	0		
	Weather: Overcast snowin	Temp	°C	Lease: snow covered				Roads: ice roads			
Manager:				Programmed By:							



Tel1: (403) 596-8084