

Strategic Oil & Gas Ltd.
Final Well Operations Report
Strategic et al Cameron L-40
Well ID – 2045
300/L40601011730/0

Feb 2, 2019 : StreamFlo on location to service wellhead valves.

Feb 10, 2019 : MIRU Spectrum Wireline. SITP = 9027 kPa. SICP = 6297 kPa. MURIH 45.72 mm guage ring to 1430 mGL. MURIH with 60.3mm Otis "B" shifting tool. Sliding sleeve appears closed. MURIH with 50.4 mm RB pulling tool. Latched on but got stuck in F profile at 1428.6 mKB. POOH. Pump 3.5 m3 fresh inhibited (0.5% CRW-132) water down tubing. MURIH with 50.4 mm RB pulling tool. It would appear the plug is free and is between F nipples located at 1432.1 mKB and 1428.6 mKB. Pump 1.0 fresh inhibited water down tubing. Rigout all equipment.

Feb 11, 2019 : MIRU Global #9.

Feb 12, 2019 : Performed SCVF test for 15 minutes. No bubbles. Pumped 4.0 m3 fresh water down tubing. Bled off gas head while pumping down tubing (2.61 e3m3 in 40 minutes). Installed and pressure tested BOP's. Pumped 20.2 m3 fresh water down casing. Attempt to unset packer. Unsuccessful. MIRU Spectrum wireline. RIH with nipple brush and tagged profiles at 1428.6 mKB, 1432.1 mKB and 1437.6 mKB. Plug was not in tubing. Rig out wireline. Came off of on/off to ensure function and re-latched. SDFN.

Feb 13, 2019 : Bleed of tubing gas head (volume was TSTM) and fill tubing withn 1.0 m3 fresh water. Pump 10.0 m3 fresh water down casing. Pull and lay down 21 joints 60.3 mm tubing. Well kicked. Shut in well. Pumped 4.0 m3 fresh water down tubing and 15.0 m3 fresh water down casing. Monitor for 10 minutes. Well on vacuum. Pull and lay down tubing (yellow – 146, blue – 0, green – 0 and red – 0). Changed handling equipment and pipe rams to 73.0 mm. RIH with bumper sub and jar assembly on 73.0 mm tubing. SDFN.

Feb 14, 2019 : Bleed off tubing and casing gas heads (volume was TSTM), pumped 4.0 m3 fresh water down tubing and 15.0 m3 fresh water down casing. Latch onto packer and work pipe to release. Came free after four hours. Packer was hanging up when pulling out. RIH and tag bottom at 1462.3 mKB. Release on/off and leave packer in the hole. Pull and lay down tubing and BHA. SDFN.

Feb 15, 2019 : Changed handling equipment and pipe rams to 60.3 mm. Pumped 20.0 m³ fresh water down casing. RIH with packer / bridge plug BHA. Landed BP at 1445.0 mKB. Filled tubing with 2.9 m³ fresh water and pressured up to 14000 kPa to set BP. Rotated off BP, picked up 1.0 meter and set packer. Tested BP to 7000 kPa for 10 minutes. Solid test. Unset packer and circulated 4.0 m³ inhibited (0.5% CRW-132) fresh water down tubing. Pulled 11 joints tubing. Pumped 25.0 m³ fresh water down casing. Displaced casing with 13.0 m³ fresh inhibited water followed by 300 liters diesel. Set packer at 1336.8 mKB. Pressure test annulus to 7000 kPa for 10 minutes. Solid test. SDFN.

Feb 16, 2019 : Removed BOP's and installed wellhead. Rig out.

Feb 27, 2019 : MIRU Bonnett's Wireline. MURIH with 46.02 mm 'R' plug. Set in nipple at 1342.2 mKB. Fill tubing with 1.6 m³ 50/50 methanol / inhibited fresh water. Pressure test tubing to 7600 kPa for ten minutes. Solid test. Rig out wireline.

Ken Witt
March 21, 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.
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 L-40	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Global Well Servicing Rig 9
Well Identifier	2045	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 - 2018-012

LOCATION INFORMATION

Coordinates	Datum: NAD27 (if Other, please specify _____)			
Surface	Lat	60 ° 9 ' 35 "	Long	117 ° 37 ' 15 "
Bottom Hole	Lat	60 ° 9 ' 40 "	Long	117 ° 37 ' 17 "
Region:	Dehcho	Unit	L	Section 40 Grid 60-10 117-30

ACTIVITY INFORMATION

Target Formation(s)	Keg River / Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	690.1 m	Ground Level / Seafloor	684.7 m
Spud/Re-entry Date	Feb 10, 2019 days	Total Depth	1463.0 m KB
Rig Release Date	Feb 27, 2019	Total Vertical Depth	1447.2 m KB

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m ³)	
219.1	35.72	J-55	425.0	32.0 tonnes	
139.7	23.07	J-55	1453.0	34.0 tonnes	

PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)	
Bridge	-	No	1445.0		
Other	-	No	1342.2		
Select	-	Select			
Select	-	Select			

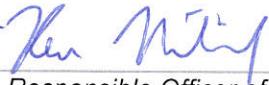
PERFORATION

Interval (m KB)	Comments	
1453.0-1463.0	Keg River - Suspended	
1358.0-1366.7	Sulphur Point -Suspended	
-		
-		

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 21, 2019
	Responsible Officer of Company		

OROGO use only

 Unique Well Identifier 30 / _____ / _____ /
(eg.300 / A01 60-00 120-00 / 0)



Document Title

Final Installation Drawing

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Feb 27, 2019 - plug in place in 46.02 mm R nipoole at 1342.2 mKB.



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40					DATE: 27-Feb-2019					
24 Hr Summary: Run Tbg Plug, PT Tbg 7mpa, Rigout, MOL					END: 28-Feb-2019						
Formation: Sulphur Point/keg River			Surf Loc: L-40 60-10N 117-30W			Licence: 2045					
Objective: Suspend well as per OROGO guidelines			Serv Rig Start: 11-Feb-2019		Serv Rig End 16-Feb-2019						
Operations at 6:00: Job Completed			AFE #: 19WRCAM011			AFE Estimate: \$160,570.00					
Daily Cost:	\$8,445	Previous Cumulative Cost:			\$192,238	Cum Cost: \$200,683					
Ground:	684.70	m	KB To TH	4.90	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	5.40	m	Tubing:	60.3	mm	Bot at:	1344.85	m			
TD (MD):	1,463.00	m	Casing:	139.7	mm	Set at:	1453	m			
PBTD:	1,463.00	m	Liner:		mm	Top at:		m			
BOP Drill:	BOP Press Test:			Function Test: yes							
SITP:	21	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 3.25

Equipment on Location: Slickline & Picker Units, Pressure Truck, Tank Truck



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40					DATE: 16-Feb-2019		
24 Hr Summary: Removed BOPs and installed wellhead, rigged out.					END: 28-Feb-2019			
Formation: Sulphur Point/keg River			Surf Loc: L-40 60-10N 117-30W			Licence: 2045		Day #: 7
Objective: Suspend well as per OROGO guidelines			Serv Rig Start: 11-Feb-2019			Serv Rig End 16-Feb-2019		
Operations at 6:00: Move to L-47			AFE #: 19WRCAM011			AFE Estimate: \$160,570.00		
Daily Cost:	\$0		Previous Cumulative Cost:			\$192,238	Cum Cost:	
Ground:	684.70	m	KB To TH	4.90	m	Open Hole:	mKB	Date
KB to Grd:	5.40	m	Tubing:	60.3	mm	Bot at:	1344.85	m
TD (MD):	1,463.00	m	Casing:	139.7	mm	Set at:	1453	m
PBTD:	1,463.00	m	Liner:		mm	Top at:		m
BOP Drill:	BOP Press Test:			Function Test: yes				
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S %

Remarks:

Total: 3

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 2.61 10 ³ m ³		Tubing volume:		m ³	
	<input type="checkbox"/> Reset	Oil or Condensate:		Daily: m ³		Cum: 0 m ³		Csg. ann vol: m ³	
	<input type="checkbox"/> Cums	<input type="checkbox"/> Water:		Daily: m ³		Cum: 0 m ³		Open hole vol: m ³	
	Time Swabbed/Flowed:			Daily:	hrs	Cum:	hrs	Total: 0 m ³	
Load Fluids	<input type="checkbox"/> Reset	<input type="checkbox"/> OIL	Used	m ³	Cum 0 m ³	Rec	m ³	Cum 0 m ³	To Rec 0 m ³
	<input type="checkbox"/> Cums	<input type="checkbox"/> WATER	Used	m ³	Cum 196 m ³	Rec	m ³	Cum 0 m ³	To Rec 196 m ³
	<input type="checkbox"/> OTHER		Used	m ³	Cum 0 m ³	Rec	m ³	Cum 0 m ³	To Rec 0 m ³
Hours	Service Rig Hours		Daily	hrs	Cumulative 59.50 hrs	DownTime: hrs		Cumulative DownTime: hrs	
	Personnel on Location		Rig: 6	Service: 3	Company: 1	Total Personnel: 10			
	Weather: Overcast		Temp -24 °C	Lease: Good			Roads: Good		
Manager:				Programmed By:					



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40				DATE: 15-Feb-2019						
24 Hr Summary: RIH with PBP and packer, set BP at 1445 mKB, tested to 7 MPA, inhibit well,				END: 28-Feb-2019							
Formation: Sulphur Point/keg River		Surf Loc: L-40 60-10N 117-30W			Licence: 2045		Day #: 6				
Objective: Suspend well as per OROGO guidelines				Serv Rig Start: 11-Feb-2019		Serv Rig End 16-Feb-2019					
Operations at 6:00: Complete rig out. Move to L-47				AFE #: 19WRCAM011		AFE Estimate: \$160,570.00					
Daily Cost:	\$49,354	Previous Cumulative Cost:			\$142,884	Cum Cost: \$192,238					
Ground:	684.70	m	KB To TH	4.90	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB To Grd:	5.40	m	Tubing:	60.3	mm	Bot at:	1344.85	m			
TD (MD):	1,463.00	m	Casing:	139.7	mm	Set at:	1453	m			
PBTD:	1,463.00	m	Liner:		mm	Top at:		m			
BOP Drill:		BOP Press Test:			Function Test: yes						
SITP:	N/A	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 13

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 2.61 10 ³ m ³	Tubing volume: m ³			
	Reset <input type="checkbox"/> Cums	Daily: m ³		Cum: 0 m ³	Csg. ann vol: m ³			
	<input type="checkbox"/> Oil or Condensate:	Daily: m ³		Cum: 0 m ³	Open hole vol: m ³			
	<input type="checkbox"/> Water:	Daily: m ³		Cum: 0 m ³				
Time Swabbed/Flowed:		Daily: 0.00 hrs	Cum:	hrs	Total: 0 m ³			
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum 0 m ³	Rec	m ³	Cum 0 m ³	To Rec 0 m ³
	Cums <input type="checkbox"/> WATER	Used	68 m ³	Cum 196 m ³	Rec	m ³	Cum 0 m ³	To Rec 196 m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum 0 m ³	Rec	m ³	Cum 0 m ³	To Rec 0 m ³
Hours	Service Rig Hours	Daily	13.00 hrs	Cumulative 59.50 hrs	DownTime:	hrs	Cumulative	DownTime: hrs
	Personnel on Location	Rig:	6	Service: 4	Company:	1	Total Personnel:	11
	Weather: Overcast	Temp	-22 °C	Lease: Good	Roads: Good			
Manager:			Programmed By:					



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40					DATE: 14-Feb-2019					
24 Hr Summary: Killed well, RIH with 73mm tbg, latched on and jarred packer free, POOH, lai					END: 28-Feb-2019						
Formation: Sulphur Point/keg River			Surf Loc: L-40 60-10N 117-30W			Licence: 2045		Day #: 5			
Objective: Suspend well as per OROGO guidelines			Serv Rig Start: 11-Feb-2019			Serv Rig End 16-Feb-2019					
Operations at 6:00: RIH with PBP.			AFE #: 19WRCAM011			AFE Estimate: \$160,570.00					
Daily Cost:	\$24,043	Previous Cumulative Cost:			\$118,841	Cum Cost:		\$142,884			
Ground:	684.70	m	KB To TH	4.90	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	5.40	m	Tubing:	60.3	mm	Bot at:	m				
TD (MD):	1,463.00	m	Casing:	139.7	mm	Set at:	1453	m			
PBTD:	1,463.00	m	Liner:		mm	Top at:	m				
BOP Drill: Real		BOP Press Test: yes			Function Test: yes						
SITP:	1030	kPa	SICP:	200	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 2.61 10 ³ m ³	Tubing volume: m ³					
	Reset <input type="checkbox"/> Cums	Oil or Condensate: Daily: m ³		Cum: 0 m ³	Csg. ann vol: m ³					
	<input type="checkbox"/> Water:	Daily: m ³		Cum: 0 m ³	Open hole vol: m ³					
	Time Swabbed/Flowed:		Daily: 0.00 hrs	Cum: hrs	Total: 0 m ³					
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum 0 m ³	Rec	m ³	Cum 0 m ³	To Rec 0 m ³		
	Cums <input type="checkbox"/> WATER	Used	44 m ³	Cum 128 m ³	Rec	m ³	Cum 0 m ³	To Rec 128 m ³		
	<input type="checkbox"/> OTHER	Used	m ³	Cum 0 m ³	Rec	m ³	Cum 0 m ³	To Rec 0 m ³		
Hours	Service Rig Hours		Daily 12.00 hrs	Cumulative 46.50 hrs	DownTime: hrs		Cumulative DownTime: hrs			
	Personnel on Location		Rig: 6	Service: 5	Company: 1	Total Personnel: 12				
	Weather: Overcast		Temp -24 °C	Lease: Good	Roads: Good					
Manager:			Programmed By:							



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40				DATE: 13-Feb-2019					
24 Hr Summary: Killed well, POOH with 60.3mm tbg, RIH with jars, bumper sub and 93 jts 73				END: 28-Feb-2019						
Formation: Sulphur Point/keg River		Surf Loc: L-40 60-10N 117-30W		Licence: 2045		Day #: 4				
Objective: Suspend well as per OROGO guidelines		Serv Rig Start: 11-Feb-2019		Serv Rig End 16-Feb-2019						
Operations at 6:00: RIH and latch on to packer, unset and POOH.		AFE #: 19WRCAM011		AFE Estimate: \$160,570.00						
Daily Cost:	\$33,489	Previous Cumulative Cost:		\$85,352	Cum Cost: \$118,841					
Ground:	684.70	m	KB To TH	4.90	m	Open Hole: mKB	Date	Perf Formation	Top	Base
KB to Grd:	5.40	m	Tubing:	60.3	mm	Bot at: 1437.95 m				
TD (MD):	1,463.00	m	Casing:	139.7	mm	Set at: 1453 m				
PBTD:	1,463.00	m	Liner:		mm	Top at: m				
BOP Drill: Real		BOP Press Test: yes		Function Test: yes						
SITP:	740	kPa	SICP:	0	kPa	SCV: kPa H ₂ S %				

Remarks:

Total: 11.5

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 2.61 10 ³ m ³		Tubing volume: m ³	
	Reset <input type="checkbox"/> Cums	Oil or Condensate:		Daily: m ³		Cum: 0 m ³	
	<input type="checkbox"/> Water:	Daily: m ³		Cum: 0 m ³		Open hole vol: m ³	
	Time Swabbed/Flowed:		Daily: 0.00 hrs	Cum: hrs		Total: 0 m ³	
Load Fluids	Reset <input type="checkbox"/> OIL	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³	
	Cums <input type="checkbox"/> WATER	Used 51 m ³	Cum 84 m ³	Rec m ³	Cum 0 m ³	To Rec 84 m ³	
	<input type="checkbox"/> OTHER	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³	
Hours	Service Rig Hours	Daily 11.50 hrs	Cumulative 34.50 hrs	DownTime: hrs	Cumulative DownTime: hrs		
	Personnel on Location	Rig: 5	Service: 6	Company: 1	Total Personnel: 12		
	Weather: Overcast	Temp -27 °C	Lease: Good		Roads: Good		
Manager:		Programmed By:					



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

Field Ticket	P93016
Contact	Chad Rookes
Phone	(780)512-5009

Customer Information

Company Name	Strategic Oil & Gas Ltd.	Date	February 13, 2019
Surface Location	Cameron Hills L-40	AFE No.	
UWI	Cameron Hills L-40	Contract	
Rig Name & #	Global # 9	Co. Rep	
Area	Steen River	Code #	Shayne Stahl

Wellhead Tubing Inspection

Qty	Description	Unit Price	Total
146	Joints of 60.3mm, 6.99Kg, J55, EUE Tubing Inspected	\$ 15.00	\$ 2,190.00
1	Minimum Charge Day Rate for Feb 12 1019	\$ 1,295.00	\$ 1,295.00
1	Subsistence for Feb 12 2019	\$ 250.00	\$ 250.00
920	Kms from base and return for two days Feb 12,13 2019	\$ 1.50	\$ 1,380.00
		Sub Total	\$ 5,115.00
		10% Discount	\$ -511.50
		New Sub Total	\$ 4,603.50
		GST	\$ 230.18
		Total	\$ 4,833.68

Ultra Sonic Measurements

Jt #	Wall Min	Wall Max
1	0.192	0.203
55	0.189	0.198
103	0.192	0.196

Head	60H15
Console	B0402
T-MGN	100H
R-WDS	280M

0-15%	Yellow	146
16-30%	Blue	0
31-50%	Green	0
51+%	Red	0
Total		146

Order of Tubing Pulled

1	60.3mm Eue J55 Tubing
2	60.3mm J55 1.87m,3.13m Pups
139	60.3mm Eue J55 Tubing
1	60.3mm Eue J55 3.10m Pup
1	3m blast joint
1	60.3mm J55 1.92m Pup
2	3m Blast Joints
1	60.3mm Eue J55 Tubing
1	sliding sleeve , Nipple
5	60.3mm Eue J55 Tubing

Notes	Time Requested	9:00 AM	Inspection Start Time	9:35 AM
All Yellow band Tubing very little or no pitting at all.				

Inspector Cyril Gorman

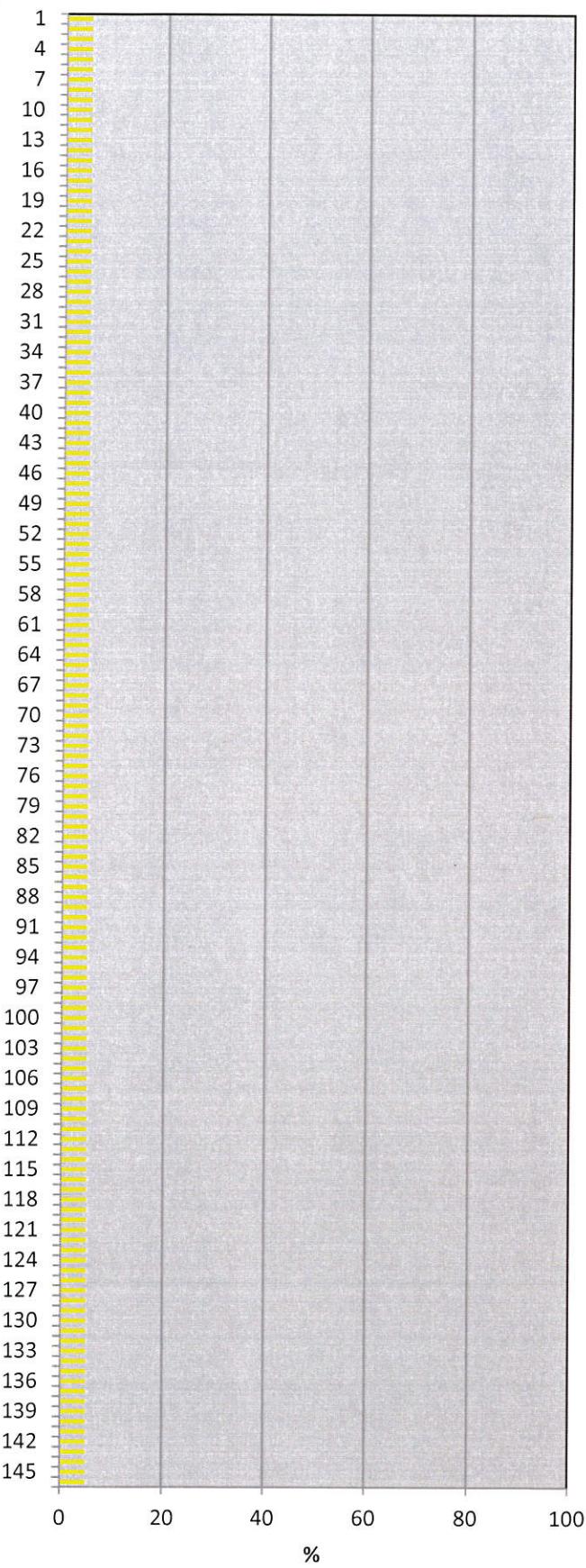
Customer

Jt#	Wall Loss	Pitting	Damage
1	5	5	
1	Ultrasonic Wall Min: 0.192 Max: 0.203		
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	
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42	5	5	
43	5	5	
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46	5	5	
47	5	5	
48	5	5	
49	5	5	
50	5	5	

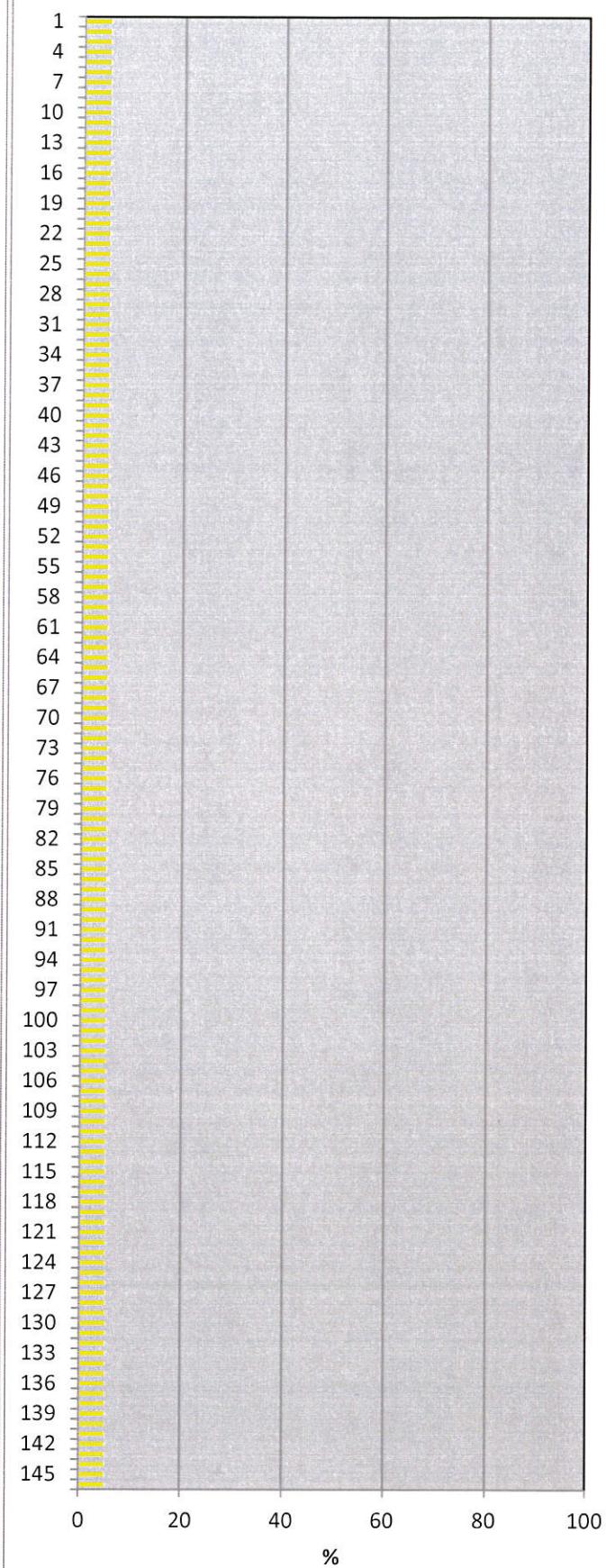
Jt#	Wall Loss	Pitting	Damage
51	5	5	
52	5	5	
53	5	5	
54	5	5	
55	5	5	
55	Ultrasonic Wall Min: 0.189 Max: 0.198		
56	5	5	
57	5	5	
58	5	5	
59	5	5	
60	5	5	
61	5	5	
62	5	5	
63	5	5	
64	5	5	
65	5	5	
66	5	5	
67	5	5	
68	5	5	
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89	5	5	
90	5	5	
91	5	5	
92	5	5	
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	
103	Ultrasonic Wall Min: 0.192 Max: 0.196		
104	5	5	
105	5	5	
106	5	5	
107	5	5	
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	
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135	5	5	
136	5	5	
137	5	5	
138	5	5	
139	5	5	
140	5	5	
141	5	5	
142	5	5	
143	5	5	
144	5	5	
145	5	5	
146	5	5	

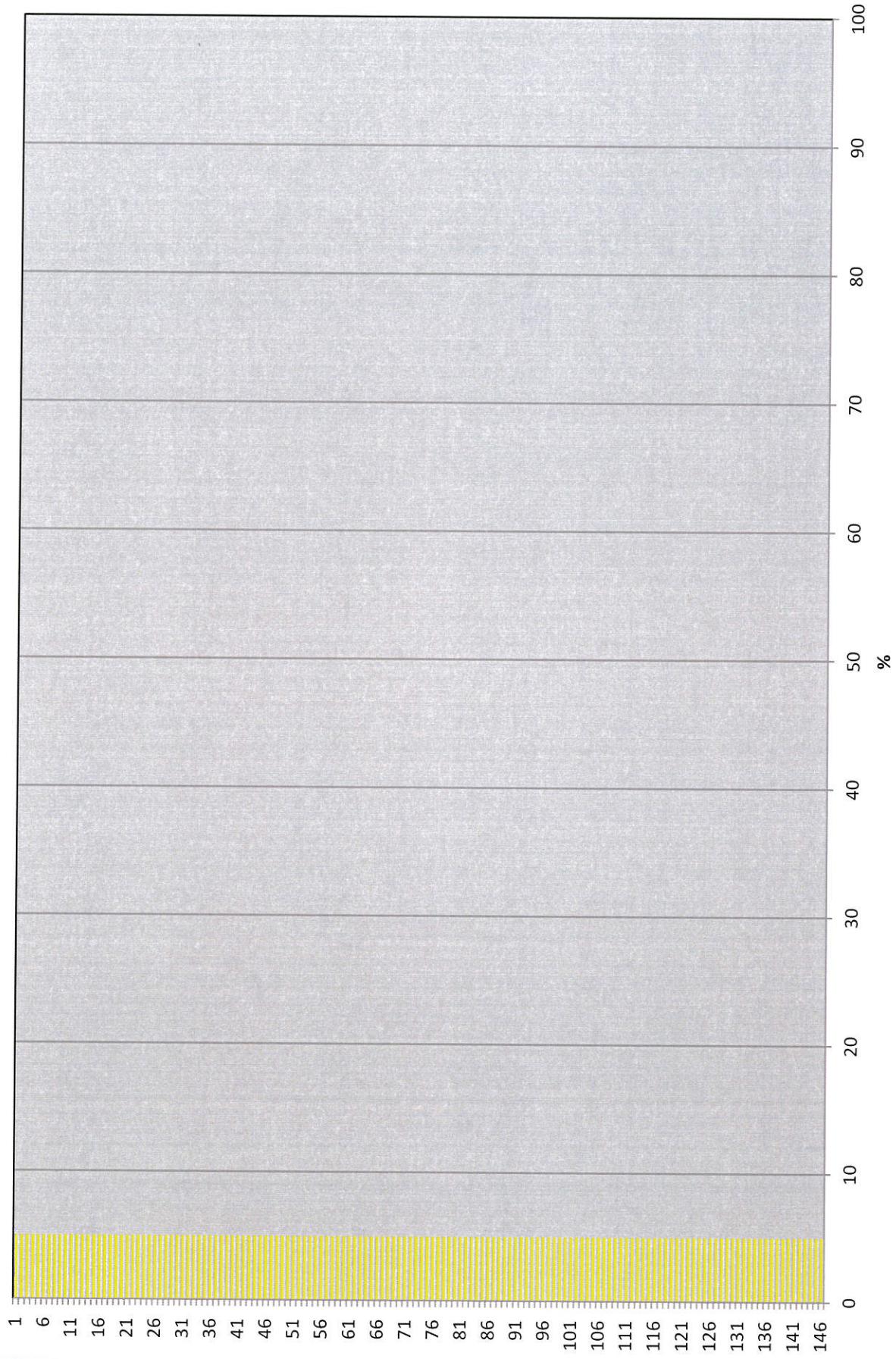
Pitting 1 to 146



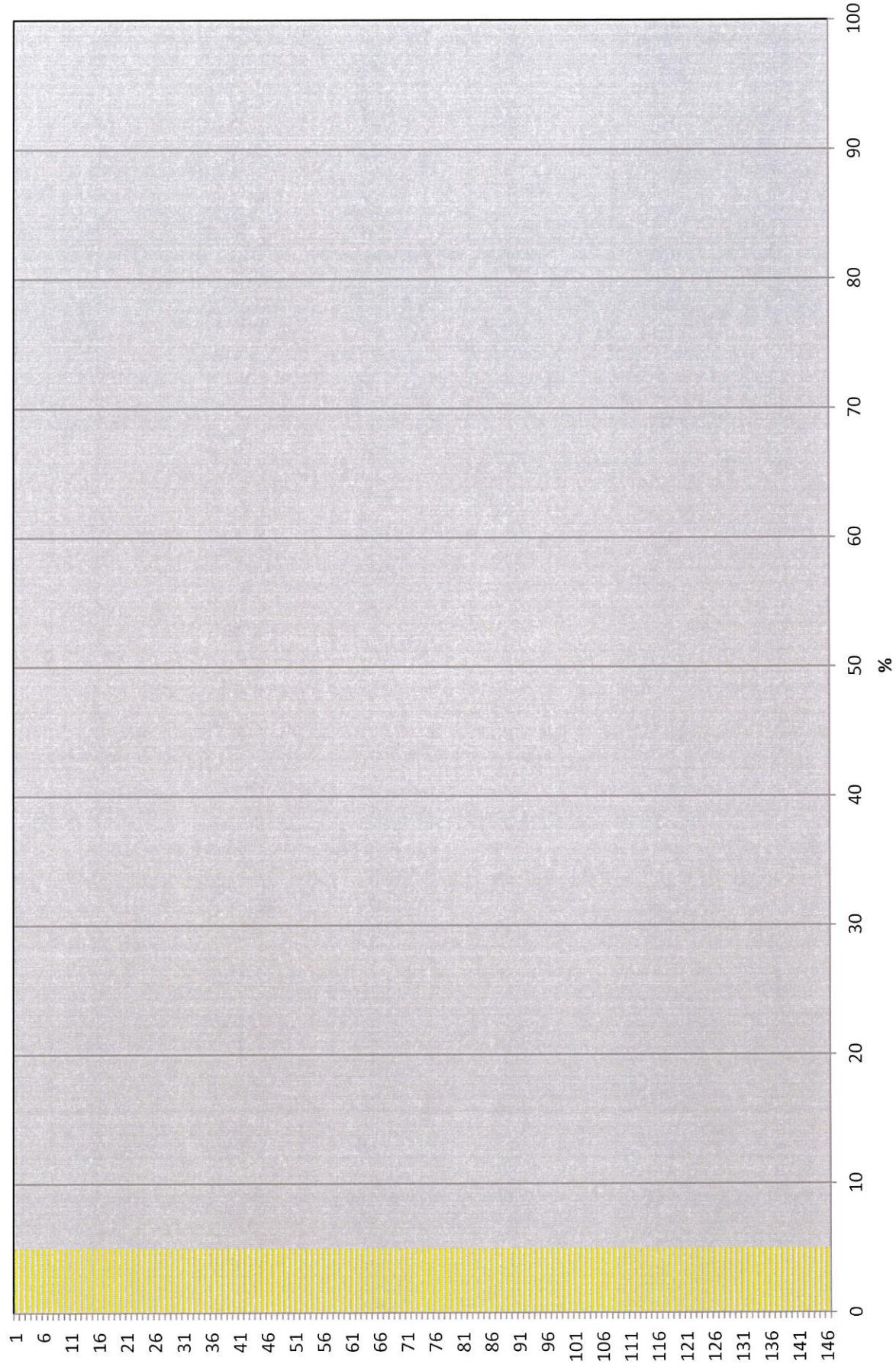
Wall Loss 1 to 146



Pitting 1 to 146



Wall Loss 1 to 146





Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40	DATE: 12-Feb-2019		
24 Hr Summary: Killed well, installed and tested BOPs, tried to unset packer, RIH with brush,	END: 28-Feb-2019			
Formation: Sulphur Point/keg River	Surf Loc: L-40 60-10N 117-30W	Licence: 2045 Day #: 3		
Objective: Suspend well as per OROGO guidelines	Serv Rig Start: 11-Feb-2019	Serv Rig End 16-Feb-2019		
Operations at 6:00: POOH and lay down 60.3mm tbg.	AFE #: 19WRCAM011	AFE Estimate: \$160,570.00		
Daily Cost: \$25,839 Previous Cumulative Cost: \$59,513	Cum Cost: \$85,352			
Ground: 684.70 m KB To TH 4.90 m Open Hole: mKB	Date	Perf Formation	Top	Base
KB to Grd: 5.40 m Tubing: 60.3 mm Bot at: 1437.95 m				
TD (MD): 1,463.00 m Casing: 139.7 mm Set at: 1453 m				
PBTD: 1,463.00 m Liner: mm Top at: m				
BOP Drill: yes BOP Press Test: yes Function Test: yes				
SITP: 1032 kPa SICP: 6279 kPa SCV: kPa H ₂ 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 ₂ S. Function tested air kills and crown saver.
07:30	10:00	2.5	KILL	Bubble tested scv, no bubbles in 15 mins. Bled off tbg gas head, pumped 4.0 m ³ fresh water down tbg at 0.10 m ³ /min at 7.0 MPA.
				Bled off csg gas while pumping down tbg. Flared 2.61 E ³ M ³ total gas.
10:00	12:00	2	BOPS	Conducted accumulator check, function tested blind rams, 60.3mm pipe rams and annular. Stump tested blind rams, 60.3mm pipe rams, line pipe and 2 safety valves to 1.4 and 21.0 MPA for 10 mins each, tested annular to 1.4 and 7.0 MPA for 10 mins each. Removed wellhead and installed landing pup c/w safety valve. Installed BOPs, tested ring gasket and 60.3mm pipe rams to 1.4 and 21.0 MPA for 10 mins each. Rigged up working floor.
12:00	13:00	1	KILL	Pumped 20.0 m ³ fresh water down csg. Put pump on steady trickle at 0.15 m ³ /min.
13:00	16:30	3.5	TRPTBG	Attempted to unset packer, worked tbg up to 26,000 daN while holding torque with power tongs.
16:30	19:00	2.5	SLICK	Rigged up Spectrum slickline. RIH with nipple brush, located "F" nipple at 1428.63 mKB, On/off "F" profile at 1432.07 mKB and "R" nipple at 1437.59 mKB. Plug was not in tbg. POOH. Rigged out slickline. Came off of on/off to function test, latched on and landed tbg hanger. Secured well, drained pump and lines, SDFN.

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 2.61 10 ³ m ³ /d	Cum: 2.61 10 ³ m ³	Tubing volume: m ³
	<input type="checkbox"/> Oil or Condensate:	Daily: m ³	Cum: 0 m ³	Csg. ann vol: m ³
	<input type="checkbox"/> Water:	Daily: m ³	Cum: 0 m ³	Open hole vol: m ³
	Time Swabbed/Flowed:	Daily: 0.00 hrs	Cum: hrs	Total: 0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
	Cums <input type="checkbox"/> WATER	Used 33 m ³	Cum 33 m ³	Rec m ³ Cum 0 m ³ To Rec 33 m ³
	<input type="checkbox"/> OTHER	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
Hours	Service Rig Hours	Daily 12.00 hrs	Cumulative 23.00 hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: 6	Service: 9	Company: 1 Total Personnel: 16
	Weather: Overcast	Temp -31 °C	Lease: Good	Roads: Good
Manager:	Programmed By:			



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:
Tel1: (780) 841-8106

UWI: 300L406010117300	WELL: Strategic et al Cameron L-40						DATE: 11-Feb-2019		
24 Hr Summary: Moved, spotted and rigged up.						END: 28-Feb-2019			
Formation: Sulphur Point/keg River			Surf Loc: L-40 60-10N 117-30W				Licence: 2045		Day #: 2
Objective: Suspend well as per OROGO guidelines				Serv Rig Start: 11-Feb-2019			Serv Rig End 16-Feb-2019		
Operations at 6:00: Kill well, install BOPs.				AFE #: 19WRCAM011			AFE Estimate: \$160,570.00		
Daily Cost:	\$49,125		Previous Cumulative Cost:				\$10,388	Cum Cost:	
Ground:	684.70	m	KB To TH	4.90	m	Open Hole:	mKB	Date	Perf Formation
KB to Grd:	5.40	m	Tubing:	60.3	mm	Bot at:	1437.95	m	Top
TD (MD):	1,463.00	m	Casing:	139.7	mm	Set at:	1453	m	Base
PBTD:	1,463.00	m	Liner:		mm	Top at:		m	
BOP Drill:		BOP Press Test:			Function Test:				
SITP:	1032	kPa	SICP:	6279	kPa	SCV:	kPa	H ₂ S	%

Remarks:

Total: 11

Equipment on Location:



Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UVI: 300L406010117300	WELL: Strategic et al Cameron L-40	DATE: 10-Feb-2019
24 Hr Summary: Try to Pull Plug, Flush 4.5m3 down Tbg, Rigout, secure well.MOL		END: 28-Feb-2019
Formation: Sulphur Point/keg River	Surf Loc: L-40 60-10N 117-30W	Licence: 2045 Day #: 1
Objective: Suspend well as per OROGO guidelines	Serv Rig Start: 11-Feb-2019	Serv Rig End 16-Feb-2019
Operations at 6:00: Move in Service Rig	AFE #: 19WRCAM011	AFE Estimate: \$160,570.00
Daily Cost: \$10,388 Previous Cumulative Cost:	\$0	Cum Cost: \$10,388
Ground: 684.70 m KB To TH 4.90 m Open Hole: mKB	Date	Perf Formation Top Base
KB to Grd: 5.40 m Tubing: 60.3 mm Bot at: 1437.95 m		
TD (MD): 1,463.00 m Casing: 139.7 mm Set at: 1453 m		
PBTD: 1,463.00 m Liner: mm Top at: m		
BOP Drill: BOP Press Test: Function Test:		
SITP: 9027 kPa SICP: 6279 kPa SCV: kPa H ₂ S %		

Remarks:

Valves were serviced on February 2, 2019.

Time From	Time To	Hours	Code	Comments
10:00	10:30	0.5	MOVE	Move Slickline and related equip from B-08 to Location.
10:30	11:30	1	SAFE	Sweep wellhead for Gas, None detected.
				Held safety operational meeting, Review Job procedures, Hazards, Issue Work permit.
				Spot and rig in all equip to SOG & OROGO Specs. Record SITP 9027kpa. SICP 6297kpa
11:30	17:00	5.5	SLICK	Purge lubricator with N2, PT 10mpa, test Good.
				MURIH with 1.80in (45.72mm) gauge ring Tag at 1430MGL, POOH. Gauge ring sticking on bottom, pull 400lbs over string to pull free.
				MURIH with 60.3mm Otis "B" shifting tool, could not locate sleeve, POOH. Check Tool was OK
				Sleeve appears to be closed.
				MURIH with 2in RB pulling tool to 1432MGL, Got latch, Pull up got stuck in 1.81 "F" profile, Jar for 45mins to get through "F" Profile. POOH
				Rig In Pressure unit to Tbg, Pump 3.5m3 of Fresh Inhibited Down Tbg. (Tbg 2.9m3)
				MURIH with RB Pulling tool to 1428MGL, Jar down to Latch drop down to 1430MGL, Pull up to 1428MGL, Jar up pull free. Plug is not set and Moving up & down Between On/off and 1.81 "F" profile. POOH, did not get Prong. Add knuckle Jt above Pulling tool. Rerun RB Pulling tool to 1428MGL, Jar down to 1433MGL, Jar up pull free, POOH Did not get prong, tool not sheared. Fluid at 200m
				Pump 1m3 down Tbg, 400L to fill Establish feed rate 110L/min at 9mpa, stop pump pressure drop from 9mpa to zero in 3mins.
17:00	18:30	1.5	SDFN	Rigout all equip, Secure well. Travel back to Camp.

Total: 8.5

Equipment on Location: Spectrum Wireline, McKinney Picker, Semerra Pressure truck, Dragons Breath, Impact Safety airtrailer.

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 10 ³ m ³	Tubing volume:	m ³
	<input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	m ³	Csg. ann vol:	m ³
	<input type="checkbox"/> Water:	Daily:	m ³	Cum:	m ³	Open hole vol:	m ³
	Time Swabbed/Flowed:	Daily:	hrs	Cum:	hrs	Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m ³	Cum	m ³	Rec	m ³
	Cums <input type="checkbox"/> WATER	Used	m ³	Cum 0	m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum 0	m ³	Rec	m ³
Hours	Service Rig Hours	Daily hrs	Cumulative hrs	DownTime: hrs	Cumulative DownTime: hrs		
	Personnel on Location	Rig:	Service:	Company:	Total Personnel:	0	
	Weather: snowing	Temp -16 °C	Lease: snow covered		Roads:	winter roads	
Manager:		Programmed By:					



HEAD OFFICE SALES, SERVICE
& MANUFACTURING
4505 - 74th AVE EDMONTON, AB
CANADA T6B 2H5
PHONE (780) 469-6789 FAX (780) 469-7724

FIELD SERVICE

REPORT

FSR# 076715

Branch BC

Call Sheet/BOL No.

Sales Order No. 322067 Shp # 308487

FLRA No. 73585

DATE: Feb 2/19

CUSTOMER: Strategic

LEASE: L-40

RIG#/FRAC COMPANY:

CONTACT NAME: Pete Dyck

PHONE:

E-MAIL / FAX:

UNIT#/TOOL#: 2181

SERVICE Blaize swanson SERVICE

TECH: Blaize swanson TECH:

SERVICE Ashton Murphy SERVICE

TECH: Ashton Murphy TECH:

SERVICE PERFORMED: fix valves

Customer Stamp/Sticker/Coding

L-40

AFE# 19WRCAM011

9920-236

[Signature]

BOWL THD/ MFG/ SIZE/ TYPE:	CASING SIZE:						
CSG SLIPS:	AUTO	MANUAL	FMH	CUT & BEVEL HT:			
Drive to site. Set out flow rig. A valve was found stem bent on left casing valve. Stick pack as much as we could, but valve was still leaking. Stick pack other casing valve and bottom master no leak found. Try to function top master. Top key were both very high off the ground. Top master moved a bit and no locks found. Wrench would not hold. Rig out. Back to NEXUS SPC.							
#1 TEST PRESSURE:	3 MIN.	HELD 100%					
#2 TEST PRESSURE:	15 MIN.	HELD 100%					
ADDITIONAL EQUIPMENT / PARTS & SUPPLIES: (will be added to Sales Order if not priced)							
BALL DROPPER RENTAL \$							
PBPD	PUMP BLOCK	\$					
WCVD	WELL CONTROL VALVE	\$					
STTR	SAND PUMPING CHG. m ³ /MIN x TONNAGE, TO A MAX CHARGE OF \$2000.00	\$					
RCRT	SERVICE & MAINTENANCE, Post Frac Completion to Location/ Job	\$					
4 sticks 6.5" @ 3.10	\$ 10.00	\$					
	\$	\$					
	\$	\$					
	\$	\$					
MILEAGE:		HOURS	RATE				
LOAD/TRAVEL TIME	SERVICE	2	@ 370.00	= \$ 740.00			
ON LOCATION TIME	SERVICE	8	@	= \$			
OFF LOCATION TIME	SUBSISTENCE	8	@	= \$			
RETURN/UNLOAD TIME	ACCOMMODATION	8	@	= \$			
TOTAL TIME	ENVIRO	1	@ 85.00	= \$ 85.00			
Sales Order will be processed to finalize		SUB-TOTAL: \$ 639.00					
Signature may be required on finalized Sales Order/Invoice							
Prices Do Not Include GST/ PST/ HST							

CUSTOMER COPY
THIS IS NOT AN INVOICE

STREAM-FLO REPRESENTATIVE SIGNATURE

INVOICE TO FOLLOW

CUSTOMER SIGNATURE (SERVICE ACKNOWLEDGEMENT)

(SIGNATURE CONFIRMS THAT THE CUSTOMER ACCEPTS THE TERMS AND CONDITIONS OF THIS TICKET)



MASTER FLO

Crown
Products