

**Strategic Oil & Gas Ltd.**  
**Final Well Operations Report**  
**Strategic et al Cameron H-03**  
**Well ID – 1940**  
**300/H03601011730/0**

**Feb 9, 2019 :** Inject 500 liters of methanol into pig sender. Cleaning pig stuck on second cleaning run. Pushed pig back to well. Thaw frozen piping. Inject 500 liters of wax inhibitor. Three cleaning runs done. Performed batch run with 30 liters of inhibitor ( 1 part CRO9809 and 2 parts diesel ). Installed spec blind on pipeline at H-03. Flare volume was 0.023 e3m3 in 10 minutes.

**Feb 25, 2019 :** No activity.

**Mar 1, 2019 :** MIRU Global #9. Performed SCVF test for 15 minutes. No bubbles. Attempt to unseat BHP. Rods appear to be parted. Install rod BOP's. Bleed off casing gas head to testers ( 2.061 e3m3 in 2 hours ). Pull and stand rods. 13<sup>th</sup> 19.1 mm rod was parted. RIH with overshot. Latch onto parted rod and unseat BHP. Pumped 4.0 m3 fresh water down tubing.

**Mar 2, 2019 :** Pull and lay down rods and BHP. Pumped 25.0 m3 fresh water down casing. Installed and pressure tested BOP's. Unset anchor. Pull and lay down tubing. Inspect on the way out of the hole ( yellow – 28, blue – 21, green – 21 and red – 81 ).

**Mar 3, 2019 :** MURIH with 158.75 mm rare earth magnet. Tag top of fish and POOH. No recovery. MURIH with fishing tools ( 60.33 mm grapple ). Tagged fish at 1508.7 mKB. Worked fishing tools and POOH. No recovery.

**Mar 4, 2019 :** MURIH with fishing tools ( 50.8 mm grapple ). Tagged fish at 1508.7 mKB. Worked fishing tools and POOH. Recovered fish. Well started venting gas. Pumped 20.0 m3 fresh water down casing. RIH with 177.8 mm 10K permanent bridge plug to 1513.0 mKB. Filled tubing with 4.5 m3 fresh water and pressured up to 15000 kPa to set bridge plug. Rotated off of BP. Pull up one joint and set packer. Filled tubing with 0.4 m3 fresh water and pressure test bridge plug to 7000 kPa for 10 minutes. Solid test. Unset packer.

**Mar 5, 2019 :** POOH with tubing and packer. RIH with tubing open ended and tag bridge plug at 1513.0 mKB. Topped up well with 3.0 m3 fresh water. Mixed 0.5 m3 of 1900 kg/m3 cement. Circulated down tubing followed by 4.3 m3 fresh water. Pulled up three joints and reverse circulated 6.0 m3 fresh water. 40 liters cement in returns. Cement top at 1492.7 mKB. Circulate 5.0 m3 inhibited fresh water ( 0.5% CRW-132 ) down tubing. POOH and lay down 12 joints tubing.

**Mar 6, 2019 :** RIH with 177.8 mm 10K permanent bridge plug to 1401.0 mKB. Filled tubing with 4.2 m<sup>3</sup> fresh water and pressured up to 14000 kPa to set bridge plug. Rotated off of BP. Topped up well with 1.5 m<sup>3</sup> fresh water. Pressure test bridge plug to 7000 kPa for ten minutes. Solid test. Mixed 0.5 m<sup>3</sup> of 1900 kg/m<sup>3</sup> cement. Circulated down tubing followed by 4.0 m<sup>3</sup> fresh water. Pulled up three joints and reverse circulated 28.0 m<sup>3</sup> inhibited fresh water ( 0.5% CRW-132 ). 50 liters cement in returns. Cement top at 1379.9 mKB. Pull and lay down tubing. Topped up casing with 1.6 m<sup>3</sup> 50/50 inhibited methanol water.

**Mar 7, 2019:** Remove BOP's, install wellhead and rig out.

Ken Miller  
March 28, 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 H-03	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Global Well Servicing Rig 9
Well Identifier	1940	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 017	Approval to Alter Condition of Well	ACW - 2019-001

**LOCATION INFORMATION**

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

Surface	Lat 60° 2' 23"	Long 117° 30' 7"
Bottom Hole	Lat 60° 2' 23"	Long 117° 30' 7"

Region: Dehcho    Unit H    Section 3    Grid 60-10 117-30

**ACTIVITY INFORMATION**

Target Formation(s)	Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	769.0 m	Ground Level / Seafloor	764.5 m
Spud/Re-entry Date	Feb 9, 2019 days	Total Depth	1662.4 m KB
Rig Release Date	Mar 7, 2019	Total Vertical Depth	1662.4 m KB

**CASING AND CEMENTING PROGRAM**

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
244.5	53.58	J-55	423.0	38.0 tonnes
177.8	34.23	J-55	1662.0	32.7 tonnes

**PLUGGING PROGRAM**

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )	
Bridge	1492.7-1513.0	No	1513.0	0.5	
Bridge	1379.7-1401.0	No	1401.0	0.5	
Select	-	Select			
Select	-	Select			

**PERFORATION**

Interval (m KB)	Comments
1526.0-1545.0	Keg River - abandoned zone
1415.0-1426.0	Sulphur Point - abandoned zone
-	
-	

**OTHER**

Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	Oil well production equipment
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	 Responsible Officer of Company	Date	March 28, 2019

**OROGO use only**Unique Well Identifier 30 / \_\_\_\_ - \_\_\_\_ - \_\_\_\_ / \_\_\_\_  
(eg. 300 / A01 60-00 120-00 / 0)





## *Daily Abandonment Report*

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl2000

Tel2:  
Tel1:

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant					DATE: 07-Mar-2019		
24 Hr Summary: Removed BOPs and installed wellhead, rigged out equipment.					END: 08-Mar-2019			
Formation: Sulphur Point			Surf Loc: H-03 60-10N 117-30W			Licence: 1940		Day #: 9
Objective: Abandon Keg River and Sulp		Abandonment Type: Downhole		Serv Rig Start: 01-Mar-2019		Serv Rig End 07-Mar-2019		
Operations at 6:00: Move to C-19.			AFE #: 19ABCAM003			AFE Estimate: \$192,032.00		
Daily Cost:	\$20,959	Previous Cumulative Cost:			\$170,077	Cum Cost: \$191,036		
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation
KB to Grd:	4.50	m	Tubing:	73	mm	Bot at:	m	Top
TD (MD):	1,662.40	m	Casing:	177.8	mm	Set at:	1662	Base
PBTD:	1,647.70	m	Liner:	mm	Top at:	m		
BOP Drill:		BOP Press Test:			Function Test: yes			
SITP:	N/A	kPa	SICP:	0	kPa	SCV:	kPa	H <sub>2</sub> S %

**Remarks:**

Total: 10

#### Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:		10 <sup>3</sup> m <sup>3</sup> /d	Cum:	2.061	10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>		
	Reset <input type="checkbox"/> Oil or Condensate:	Daily:		m <sup>3</sup>	Cum:	0	m <sup>3</sup>	Csg. ann vol:	m <sup>3</sup>		
	Reset <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>		
	Reset <input type="checkbox"/> WATER	Used	m <sup>3</sup>	Cum 61.7 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum 0 m <sup>3</sup>	To Rec	61.7 m <sup>3</sup>		
	Reset <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 10.00 hrs	Cumulative 80.00 hrs	DownTime: hrs		Cumulative DownTime: hrs				
	Personnel on Location		Rig: 6	Service: 6	Company: 1		Total Personnel: 13				
	Weather: Clear		Temp -14 °C	Lease: Good	Roads: Good						
Manager: _____					Programmed By: _____						



# Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant				DATE: 06-Mar-2019			
24 Hr Summary: RIH with PBP, set at 1401 mKB, tested to 7, circ cement on BP, inhibited well				END: 08-Mar-2019				
Formation: Sulphur Point		Surf Loc: H-03 60-10N 117-30W		Licence: 1940		Day #: 8		
Objective: Abandon Keg River and Sulp		Abandonment Type: Downhole		Serv Rig Start: 01-Mar-2019		Serv Rig End 07-Mar-2019		
Operations at 6:00:		AFE #: 19ABCAM003		AFE Estimate: \$192,032.00				
Daily Cost: \$35,590		Previous Cumulative Cost: \$134,487		Cum Cost: \$170,077				
Ground: 764.50 m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd: 4.50 m	Tubing: 73 mm	Bot at:	m					
TD (MD): 1,662.40 m	Casing: 177.8 mm	Set at:	1662 m					
PBTD: 1,647.70 m	Liner:	mm	Top at:	m				
BOP Drill:		BOP Press Test:		Function Test: yes				
SITP: N/A kPa	SICP: 0 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	11:30	4	TRPTBG	Made up Tryton 177.8mm PBP, RIH with BP, setting tool and 146 - jts 73.0mm tbg. Added one space out pup and positioned BP at 1401.0 mKB corrected depth. Filled tbg with 4.20 m <sup>3</sup> fresh water, pressurized up to 14,000 kpa and set BP, pulled 14,000 daN over string to pack off elements. Rotated off of BP.
11:30	12:45	1.25	PTST	Circulated down tbg and up csg. Filled hole with 1.50 m <sup>3</sup> fresh water. Started pressure test at 11:50 hrs, ended test at 12:35, final test was 7182 kpa to 7151 kpa in 10 mins, 31 kpa loss in 10 mins.
12:45	14:15	1.5	CIRC	Mixed up 500 liters 0:1:0 Class "G" 1900 kg/m <sup>3</sup> cement + 0.2% retarder, poured cement down tbg and displaced to top of BP with 4.0 m <sup>3</sup> fresh water.
14:15	15:30	1.25	CIRC	Pulled 3 - jts tbg, reverse circulated well to 0.50% CRW-132 inhibited fresh water with 28.0 m <sup>3</sup> , recovered 50 liters cement and dirty water. Calculated cement top at 1379.70 mKB, based on 0.020535 m <sup>3</sup> /m in 34.23 kg/m 177.8mm csg.
15:30	18:30	3	TRPTBG	POOH and laid down tbg. Topped well up with 1.60 m <sup>3</sup> 50/50 methanol water. Secured well, drained pump and lines, SDFN.
Total: 11.5				

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 <sup>3</sup> m <sup>3</sup> /d	Cum: 2.061 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: 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 7.3 m <sup>3</sup>	Cum 61.7 m <sup>3</sup>	Rec m <sup>3</sup> Cum 0 m <sup>3</sup> To Rec 61.7 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 11.50 hrs	Cumulative 70.00 hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: 6	Service: 4	Company: 1 Total Personnel: 11
	Weather: Clear	Temp -17 °C	Lease: Good	Roads: Good
Manager:	Programmed By:			



## **Daily Abandonment Report**

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant					DATE: 05-Mar-2019				
24 Hr Summary: POOH with packer, RIH, circ .5 m3 cement on BP, back wash, inhibit, POOH.					END: 08-Mar-2019					
Formation: Sulphur Point			Surf Loc: H-03 60-10N 117-30W			Licence: 1940		Day #: 7		
Objective: Abandon Keg River and Sulp			Abandonment Type: Downhole		Serv Rig Start: 01-Mar-2019		Serv Rig End 07-Mar-2019			
Operations at 6:00: RIH with PBP.				AFE #: 19ABCAM003			AFE Estimate: \$192,032.00			
Daily Cost:	\$28,859	Previous Cumulative Cost:				\$105,628	Cum Cost: \$134,487			
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.50	m	Tubing:	73	mm	Bot at:	m			
TD (MD):	1,662.40	m	Casing:	177.8	mm	Set at:	1662	m		
PBTD:	1,647.70	m	Liner:		mm	Top at:	m			
BOP Drill:		BOP Press Test:			Function Test: yes					
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H <sub>2</sub> S	%	

**Remarks:**

Total: 12

#### Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 <sup>3</sup> m <sup>3</sup> /d		Cum: 2.061 10 <sup>3</sup> m <sup>3</sup>		Tubing volume:		m <sup>3</sup>
	Reset <input type="checkbox"/> Cums	Daily: m <sup>3</sup>		Cum: 0 m <sup>3</sup>		Csg. ann vol:		m <sup>3</sup>
	<input type="checkbox"/> Oil or Condensate:							
	<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>
	Reset <input type="checkbox"/> WATER	Used	5 m <sup>3</sup>	Cum 54.4 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum 0 m <sup>3</sup>	To Rec 54.4 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	58.50 hrs	DownTime:	hrs	Cumulative DownTime: hrs
	Personnel on Location	Rig: 6	Service: 5	Company:	1	Total Personnel: 12		
	Weather: Snow	Temp	-17 °C	Lease:	Good	Roads: Good		
Manager:			Programmed By:					



## **Daily Abandonment Report**

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:  
Tel1: (780) 841-8106

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant				DATE: 04-Mar-2019					
24 Hr Summary: RIH with fishing BHA, latched on fish, POOH, RIH and set BP at 1513 mKB, t				END: 08-Mar-2019						
Formation: Sulphur Point		Surf Loc: H-03 60-10N 117-30W			Licence: 1940					
Objective: Abandon Keg River and Sulp		Abandonment Type: Downhole		Serv Rig Start: 01-Mar-2019	Serv Rig End	07-Mar-2019				
Operations at 6:00: POOH, RIH and circulate cement.			AFE #: 19ABCAM003		AFE Estimate: \$192,032.00					
Daily Cost:	\$22,876	Previous Cumulative Cost:			\$82,752	Cum Cost: \$105,628				
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.50	m	Tubing:	73	mm	Bot at:	m			
TD (MD):	1,662.40	m	Casing:	177.8	mm	Set at:	1662	m		
PBTD:	1,647.70	m	Liner:		mm	Top at:	m			
BOP Drill:		BOP Press Test:			Function Test: yes					
SITP:	N/A	kPa	SICP:	0	kPa	SCV:	kPa	H <sub>2</sub> S	%	

**Remarks:**

Total: 12

#### Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 <sup>3</sup> m <sup>3</sup> /d		Cum: 2.061 10 <sup>3</sup> m <sup>3</sup>	Tubing volume: m <sup>3</sup>		
	Reset <input type="checkbox"/> Cums	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"/> Cums	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>
	<input type="checkbox"/> WATER	Used 20.4 m <sup>3</sup>	Cum 49.4 m <sup>3</sup>	Rec m <sup>3</sup>	Cum 0 m <sup>3</sup>	To Rec 49.4 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 46.50 hrs	DownTime: hrs	Cumulative DownTime: hrs	
	Personnel on Location		Rig: 6	Service: 5	Company: 1	Total Personnel: 12	
	Weather: Clear?Windy		Temp -18 °C	Lease: Good		Roads: Good	
Manager:			Programmed By:				







## **Daily Abandonment Report**

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:  
Tel1: (780) 841-8106

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant						DATE: 03-Mar-2019		
24 Hr Summary: RIH with magnet on sandline, POOH, no fish, RIH with overshot on tbg, PO						END: 08-Mar-2019			
Formation: Sulphur Point			Surf Loc: H-03 60-10N 117-30W			Licence: 1940		Day #:	5
Objective: Abandon Keg River and Sulp		Abandonment Type: Downhole		Serv Rig Start: 01-Mar-2019		Serv Rig End 07-Mar-2019			
Operations at 6:00: RIH with smaller grapple.		AFE #: 19ABCAM003		AFE Estimate: \$192,032.00					
Daily Cost:	\$19,939		Previous Cumulative Cost:			\$62,813		Cum Cost:	\$82,752
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top
KB to Grd:	4.50	m	Tubing:	73	mm	Bot at: 1438.38	m		Base
TD (MD):	1,662.40	m	Casing:	177.8	mm	Set at: 1662	m		
PBTD:	1,647.70	m	Liner:		mm	Top at:	m		
BOP Drill:	yes		BOP Press Test:	yes		Function Test:	yes		
SITP:	N/A	kPa	SICP:	0	kPa	SCV:	kPa	H <sub>2</sub> S	%

**Remarks:**

Total: 11.5

#### Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 <sup>3</sup> m <sup>3</sup> /d	Cum:	2.061 10 <sup>3</sup> m <sup>3</sup>	Tubing volume:	m <sup>3</sup>		
	Reset <input type="checkbox"/> 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 Cums <input type="checkbox"/> WATER <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>	
		Used	m <sup>3</sup>	Cum 29 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum 0 m <sup>3</sup>	To Rec 29 m <sup>3</sup>	
Hours	Service Rig Hours	Daily	11.50 hrs	Cumulative	34.50 hrs	DownTime:	hrs	Cumulative DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	4	Company:	1	Total Personnel:	11
	Weather: Clear	Temp	-30 °C	Lease:	Good			Roads:	Good
Manager:		Programmed By:							



## **Daily Abandonment Report**

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:  
Tel1: (780) 841-8106

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant				DATE: 02-Mar-2019
24 Hr Summary: Killed well, laid down rods and BHP, installed BOPs, POOH and inspected t				END: 08-Mar-2019	
Formation: Sulphur Point		Surf Loc: H-03 60-10N 117-30W		Licence: 1940	
Objective: Abandon Keg River and Sulp	Abandonment Type: Downhole	Serv Rig Start: 01-Mar-2019	Serv Rig End 07-Mar-2019	Day #: 4	
Operations at 6:00: RIH with magnet, attempt to recover BHP barrel.		AFE #: 19ABCAM003	AFE Estimate: \$192,032.00		
Daily Cost: \$19,646	Previous Cumulative Cost: \$43,167		Cum Cost: \$62,813		
Ground: 764.50 m	KB To TH m	Open Hole: mKB	Date	Perf Formation	
KB to Grd: 4.50 m	Tubing: 73 mm	Bot at: 1438.38 m		Top	
TD (MD): 1,662.40 m	Casing: 177.8 mm	Set at: 1662 m		Base	
PBTD: 1,647.70 m	Liner: mm	Top at: m			
BOP Drill: yes	BOP Press Test: yes	Function Test: yes			
SITP: 0 kPa	SICP: 200 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 <sup>2</sup> S. Function tested crown saver and air kills.
07:30	11:00	3.5	TRPROD	POOH and laid down rods, sinker bars and BHP.
11:00	12:00	1	KILL	Pumped 25.0 m <sup>3</sup> fresh water down csg.
12:00	14:00	2	BOPS	Function tested blind rams, 73.0mm pipe rams and annular. Stump tested blind rams, 73.0mm pipe rams, line pipe and 2 safety valves to 1.4 and 21.0 MPA, tested annular to 1.4 and 7.0 MPA, held tests for 10 mins.  Had to replace ring gasket on lower work spool flange.  Removed wellhead and installed landing pup c/w safety valve. Picked up on tbg and installed 0.60m pup below tbg hanger.  Installed BOPs, tested ring gasket and 73.0mm pipe rams to 1.4 and 21.0 MPA for 10 mins each.
14:00	15:00	1	RIG	Rigged up working floor and power tongs, hung tarps.
15:00	18:00	3	TRPTBG	Removed tbg hanger, rigged up tbg inspectors.  POOH with 1 - jt 73.0mm tbg, 2 tbg pups, 146 - jts 73.0mm tbg, anchor, 3 - jts, psn, perforated pup, 1 - jt. Conducted blowout drill, 56 seconds for shut in.  28 - yellow, 21 - blue, 21 - green, 81 - red.  Secured well, drained pump and lines, SDFN.

Total: 11

#### Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 <sup>3</sup> m <sup>3</sup> /d		Cum: 2.061 10 <sup>3</sup> m <sup>3</sup>		Tubing volume: m <sup>3</sup>		
	Reset <input type="checkbox"/> Oil or Condensate:	Daily: m <sup>3</sup>		Cum: 0 m <sup>3</sup>		Csg. ann vol: m <sup>3</sup>		
	Cums <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	25 m <sup>3</sup>	Cum 29 m <sup>3</sup>	Rec	m <sup>3</sup>	Cum 0 m <sup>3</sup>	To Rec 29 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 11.00 hrs	Cumulative 23.00 hrs	DownTime: hrs		Cumulative DownTime: hrs		
	Personnel on Location	Rig: 6	Service: 5	Company: 1		Total Personnel: 12		
	Weather: Clear	Temp -33 °C	Lease: Good	Roads: Good				
Manager:			Programmed By:					



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

Field Ticket	P83026
Contact	Chad Rookes
Phone	(780)512-5009

**Customer Information**

Company Name	Strategic Oil & Gas Ltd	Date	March 02, 2019
Surface Location	H-03	AFE No.	
UWI	H-03	Contract	
Rig Name & #	Global # 9	Co. Rep	
Area	Steen River	Code #	Shayne Stahl

**Wellhead Tubing Inspection**

Qty	Description		Unit Price	Total
147	Joints of 73.0mm, 9.67Kg, J55, EUe Tubing Inspected		\$ 15.00	\$ 2,205.00
430	Kms From Base & Return		\$ 1.50	\$ 645.00
			Sub Total	\$ 2,850.00
			10% Discount	\$ -285.00
			New Sub Total	\$ 2,565.00
			GST	\$ 128.25
			Total	\$ 2,693.25

Ultra Sonic Measurements		
Jt #	Wall Min	Wall Max
1	0.214	0.228
31	0.190	0.225
101	0.199	0.210

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

0-15%	Yellow	28
16-30%	Blue	21
31-50%	Green	21
51+%	Red	81
Total		151

Order of Tubing Pulled	
1	73mm Eue J55 Tubing
1	73mm Eue J55 2.47m Pup
146	73mm Eue J55 Tubing
1	Anchor
3	73mm Eue J55 Tubing
1	Pump Seating Nipple
1	73mm Eue Perforated Pup
1	73mm Eue J55 Tubing
1	Re-Entry

Notes	Time Requested	2:00 PM	Inspection Start Time	2:50 PM
First 24 Joints were Yellow band. There was only 28 Yellow band joints in the well.				
There was no Yellow band joints after joint 34.				
The joint count was out as there was 147 joints to the anchor in stead of 144.				
Total of 151 joints in the well.				

Inspector Cyril Gorman

Customer

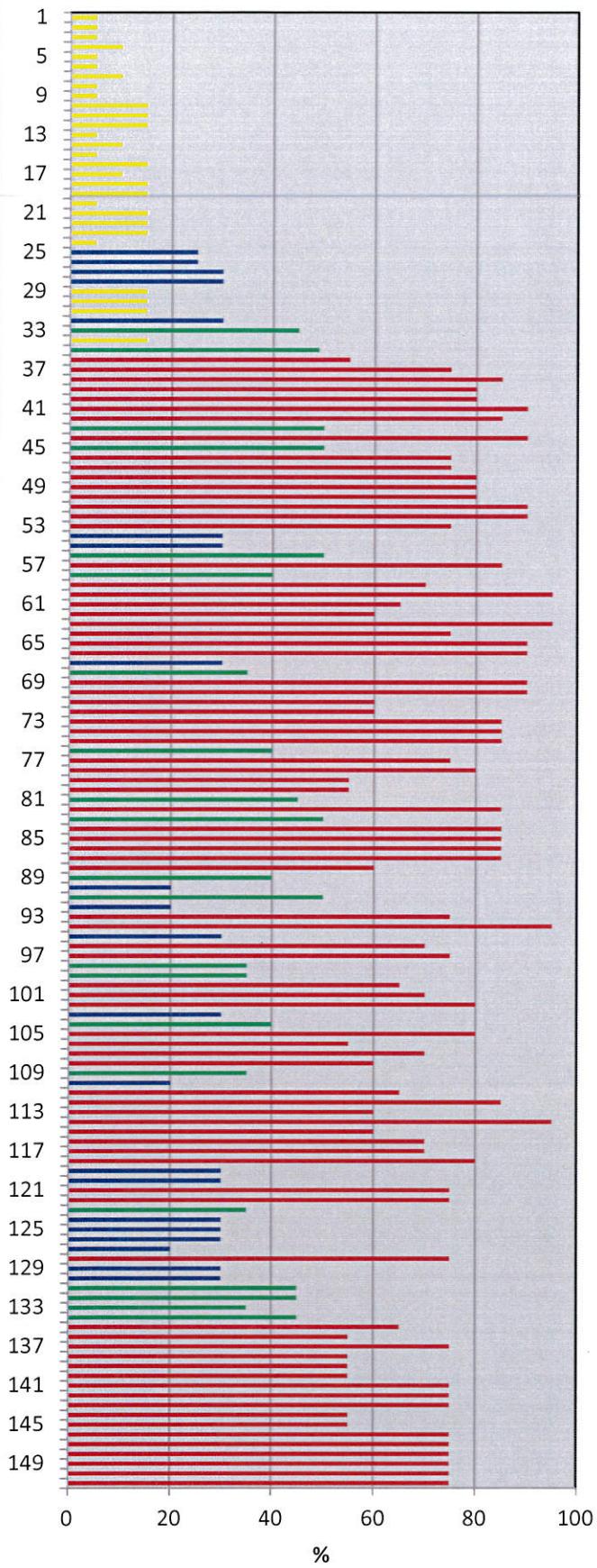
Jt#	Wall Loss	Pitting	Damage
1	5	5	
1	Ultrasonic Wall Min: 0.214 Max: 0.228		
2	5	5	
3	5	5	
4	5	10	Pitting
5	5	5	
6	5	5	
7	5	10	Pitting
8	5	5	
9	5	5	
10	5	15	Pitting
11	5	15	Pitting
12	5	15	Pitting
13	5	5	
14	5	10	Pitting
15	5	5	
16	5	15	Pitting
17	5	10	Pitting
18	5	15	Pitting
19	5	15	Pitting
20	5	5	
21	5	15	Pitting
22	5	15	Pitting
23	5	15	Pitting
24	5	5	
25	10	25	Wall Loss & Pitting
26	10	25	Wall Loss & Pitting
27	10	30	Wall Loss & Pitting
28	5	30	Pitting
29	5	15	Pitting
30	5	15	Pitting
31	5	15	Pitting
31	Ultrasonic Wall Min: 0.190 Max: 0.225		
32	5	30	Pitting
33	5	45	Pitting
34	5	15	Pitting
35	20	49	Wall Loss & Pitting
36	5	55	Pitting
37	5	75	Pitting
38	10	85	Wall Loss & Pitting
39	5	80	Pitting
40	5	80	Pitting
41	20	90	Wall Loss & Pitting
42	10	85	Wall Loss & Pitting
43	5	50	Pitting
44	5	90	Pitting
45	5	50	Pitting
46	5	75	Pitting
47	10	75	Wall Loss & Pitting
48	10	80	Wall Loss & Pitting
49	10	80	Wall Loss & Pitting

Jt#	Wall Loss	Pitting	Damage
50	10	80	Wall Loss & Pitting
51	10	90	Wall Loss & Pitting
52	10	90	Wall Loss & Pitting
53	5	75	Pitting
54	5	30	Pitting
55	5	30	Pitting
56	5	50	Pitting
57	20	85	Wall Loss & Pitting
58	5	40	Pitting
59	10	70	Wall Loss & Pitting
60	20	95	Wall Loss & Pitting
61	10	65	Wall Loss & Pitting
62	5	60	Pitting
63	45	95	Wall Loss & Pitting
64	5	75	Pitting
65	15	90	Wall Loss & Pitting
66	10	90	Wall Loss & Pitting
67	5	30	Pitting
68	5	35	Pitting
69	10	90	Wall Loss & Pitting
70	10	90	Wall Loss & Pitting
71	10	60	Wall Loss & Pitting
72	5	60	Pitting
73	5	85	Pitting
74	10	85	Wall Loss & Pitting
75	10	85	Wall Loss & Pitting
76	5	40	Pitting
77	5	75	Pitting
78	5	80	Pitting
79	5	55	Pitting
80	5	55	Pitting
81	5	45	Pitting
82	5	85	Pitting
83	5	50	Pitting
84	5	85	Pitting
85	5	85	Pitting
86	5	85	Pitting
87	5	85	Pitting
88	5	60	Pitting
89	5	40	Pitting
90	5	20	Pitting
91	5	50	Pitting
92	5	20	Pitting
93	5	75	Pitting
94	5	95	Pitting
95	5	30	Pitting
96	5	70	Pitting
97	10	75	Wall Loss & Pitting
98	5	35	Pitting
99	5	35	Pitting
100	5	65	Pitting

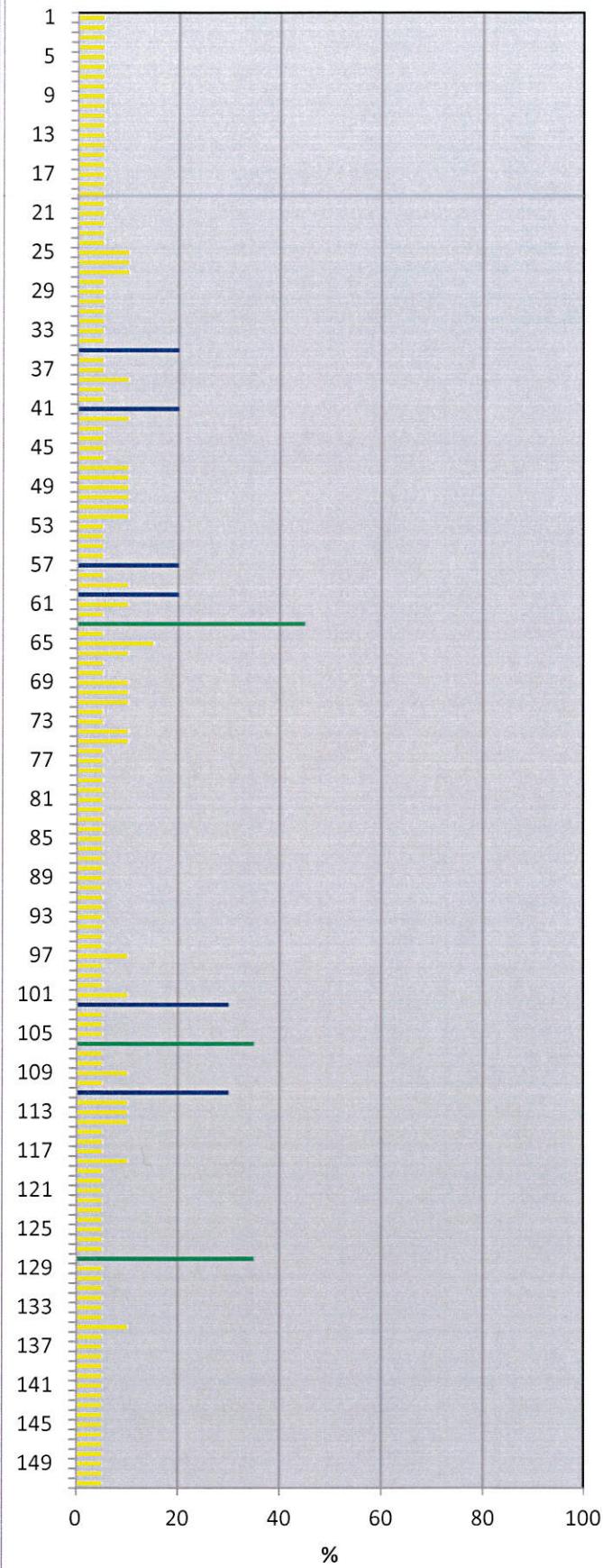
Jt#	Wall Loss	Pitting	Damage
101	10	70	Wall Loss & Pitting
101	Ultrasonic Wall Min: 0.199 Max: 0.210		
102	30	80	Wall Loss & Pitting
103	5	30	Pitting
104	5	40	Pitting
105	5	80	Pitting
106	35	55	Wall Loss & Pitting
107	5	70	Pitting
108	5	60	Pitting
109	10	35	Wall Loss & Pitting
110	5	20	Pitting
111	30	65	Wall Loss & Pitting
112	10	85	Wall Loss & Pitting
113	10	60	Wall Loss & Pitting
114	10	95	Wall Loss & Pitting
115	5	60	Pitting
116	5	70	Pitting
117	5	70	Pitting
118	10	80	Wall Loss & Pitting
119	5	30	Pitting
120	5	30	Pitting
121	5	75	Pitting
122	5	75	Pitting
123	5	35	Pitting
124	5	30	Pitting
125	5	30	Pitting
126	5	30	Pitting
127	5	20	Pitting
128	35	75	Wall Loss & Pitting
129	5	30	Pitting
130	5	30	Pitting
131	5	45	Pitting
132	5	45	Pitting
133	5	35	Pitting
134	5	45	Pitting
135	10	65	Wall Loss & Pitting
136	5	55	Pitting
137	5	75	Pitting
138	5	55	Pitting
139	5	55	Pitting
140	5	55	Pitting
141	5	75	Pitting
142	5	75	Pitting
143	5	75	Pitting
144	5	55	Pitting
145	5	55	Pitting
146	5	75	Pitting
147	5	75	Pitting
148	5	75	Not scoped
149	5	75	Not scoped
150	5	75	Not scoped

Jt#	Wall Loss	Pitting	Damage
151	5	75	Not scoped

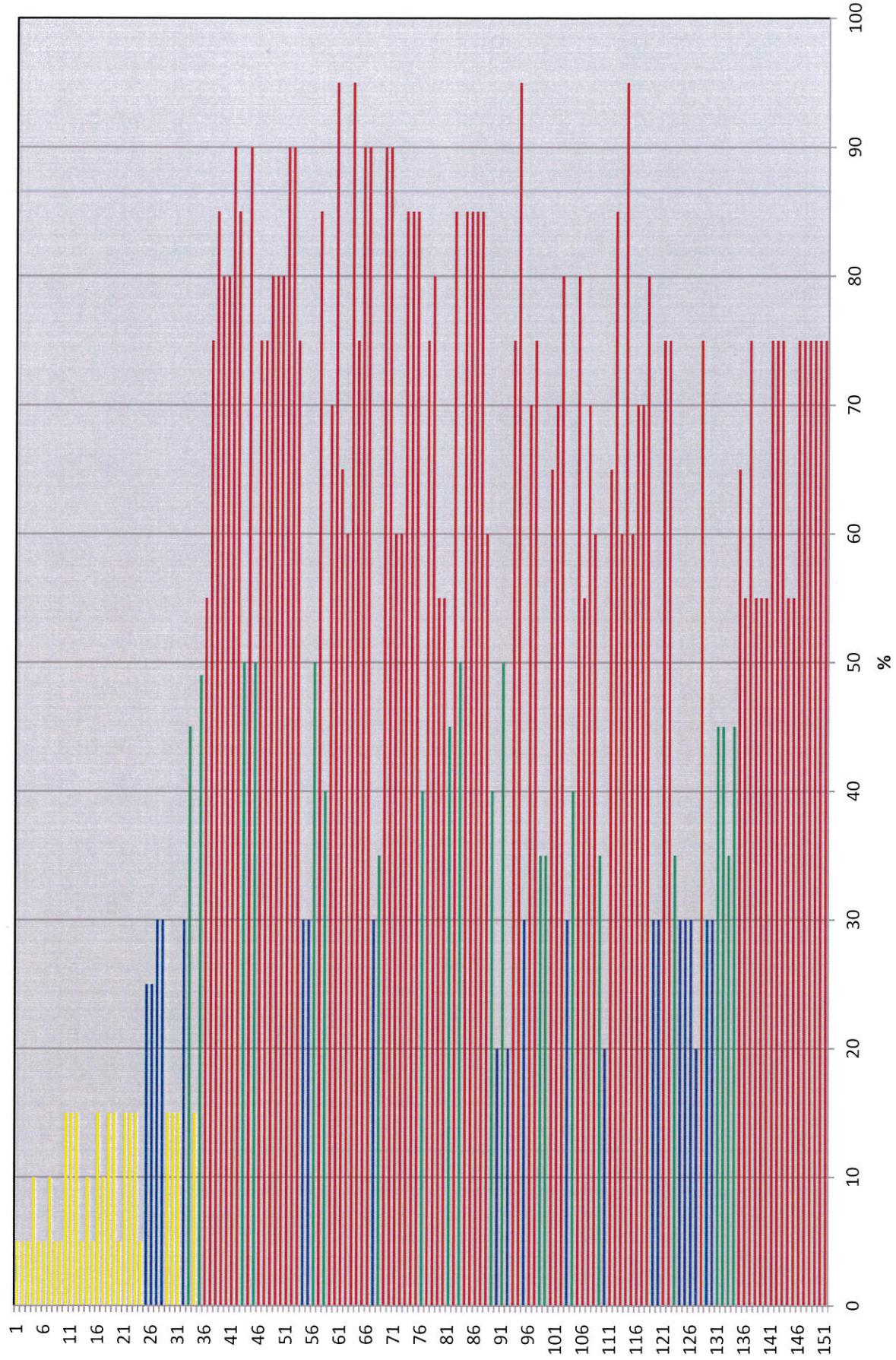
## Pitting 1 to 151



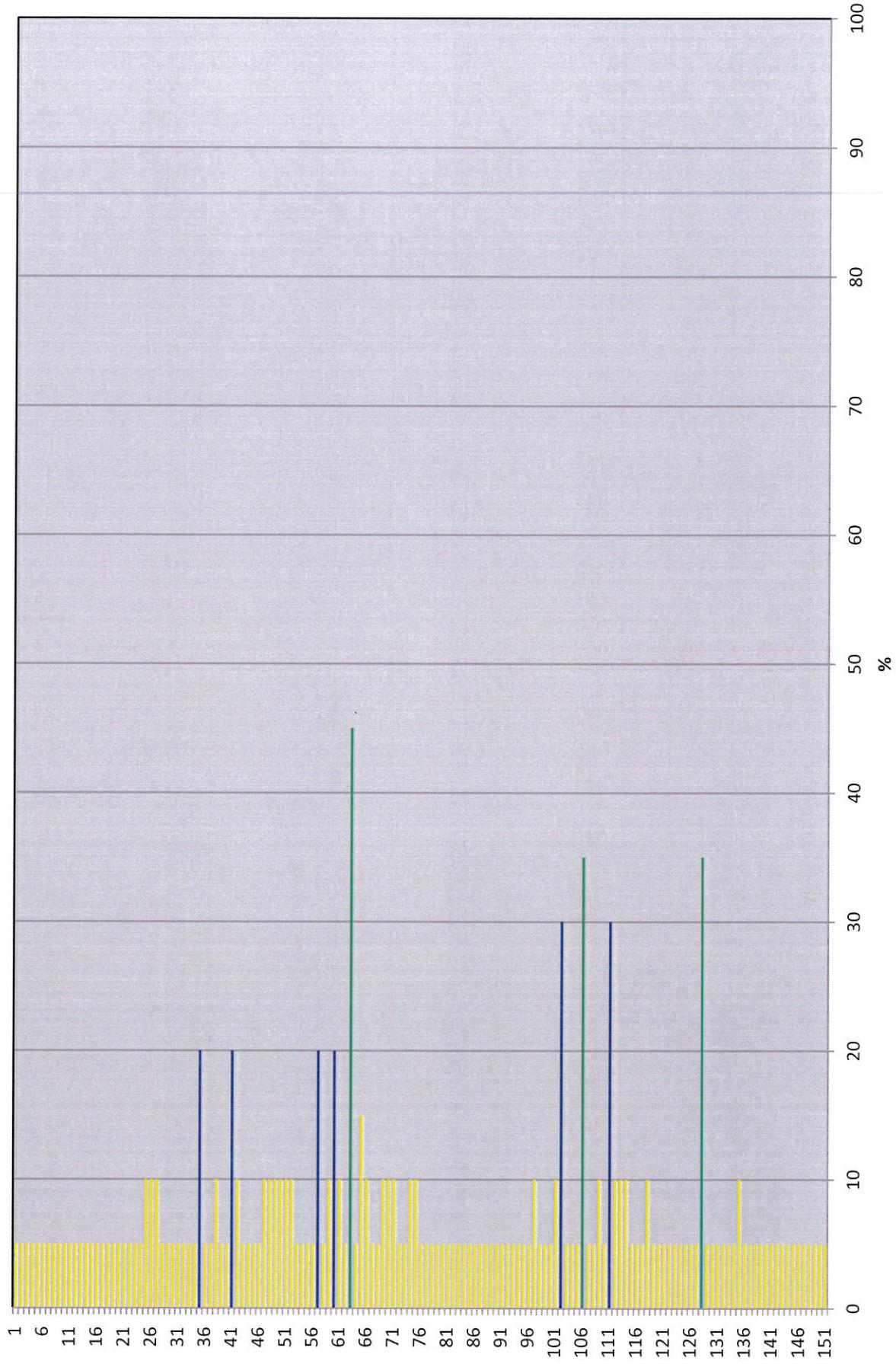
## Wall Loss 1 to 151



## Pitting 1 to 151



## Wall Loss 1 to 151





# Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2: Tel1: (780) 841-8106

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant				DATE: 01-Mar-2019	
24 Hr Summary: Moved on, rigged up, POOH with rods, RIH with overshot, unseated BHP, kil				END: 08-Mar-2019		
Formation: Sulphur Point		Surf Loc: H-03 60-10N 117-30W		Licence: 1940	Day #: 3	
Objective: Abandon Keg River and Sulp		Abandonment Type: Downhole	Serv Rig Start: 01-Mar-2019	Serv Rig End 07-Mar-2019		
Operations at 6:00: Lay down rods, install BOPs.		A FE #: 19ABCAM003	A FE Estimate: \$192,032.00			
Daily Cost:	\$32,962	Previous Cumulative Cost:	\$10,205	Cum Cost:	\$43,167	
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB
KB to Grd:	4.50	m	Tubing:	73	mm	Bot at: 1438.38 m
TD (MD):	1,662.40	m	Casing:	177.8	mm	Set at: 1662 m
PBTD:	1,647.70	m	Liner:		mm	Top at:
BOP Drill:			BOP Press Test:		Function Test: yes	
SITP:	0	kPa	SICP:	6420	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 air kills.
07:30	11:30	4	RIG	Moved rig mats and catwalk from 2H-03 to location.
				Spotted and rigged up to Strategic and OROGO specs. Function tested crown saver.
				Bubble tested scv, no bubbles in 15 mins.
11:30	13:00	1.5	KILL	Tested tbg to 5.0 MPA, attempted to unseat BHP, rods appeared to be parted. Could not screw on to parted rods.
13:00	15:00	2	TRPROD	Lowered rod string and closed ratigans, removed stuffing box and installed rod BOPs. Tested rod BOPs to 5.0 MPA. Bled off csg gas head to 0 over 2 hours, gas flared was 2.061 E <sup>3</sup> M <sup>3</sup> , no flow rate due to pressure decline.
				POOH and hung rods in derrick, recovered polish rod, 2 - ponies, 55 - 25.4mm scraped rods, 60 - 22.2mm plain rods, 13 - 19.05mm plain rods, 19.05mm rod was parted in the middle.
15:00	16:00	1	WAIT	Waited on overshot kit.
				Conducted accumulator check, function tested blind rams, 73.0mm pipe rams and annular.
16:00	19:00	3	TRPROD	Made up 73.0mm overshot c/w 19.05mm grapple, RIH with rods, installed polish rod and stuffing box, latched on to parted rods. Unseated BHP.
				Pumped 4.0 m <sup>3</sup> fresh water down tbg.
				Secured well, drained pump and lines, SDFN.

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 2.061 10 <sup>3</sup> m <sup>3</sup> /d	Cum: 2.061 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>
Load Fluids	Time Swabbed/Flowed:	Daily: 0.00 hrs	Cum: hrs	Total: 0 m <sup>3</sup>
	<input type="checkbox"/> OIL	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
	<input type="checkbox"/> WATER	Used 4 m <sup>3</sup>	Cum 4 m <sup>3</sup>	Rec m <sup>3</sup>
Hours	<input type="checkbox"/> OTHER	Used m <sup>3</sup>	Cum 0 m <sup>3</sup>	Rec m <sup>3</sup>
	Service Rig Hours	Daily 12.00 hrs	Cumulative 12.00 hrs	DownTime: hrs
	Personnel on Location	Rig: 6	Service: 5	Company: 1
	Weather: Clear	Temp -35 °C	Lease: Good	Roads: Good
Manager:	Programmed By:			



## ***Daily Abandonment Report***

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Kurt Hewitt

Tel2:  
Tel1: (780) 830-8303

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant					DATE: 25-Feb-2019				
24 Hr Summary:					END: 08-Mar-2019					
Formation:			Surf Loc: H-03 60-10N 117-30W			Licence: 1940				
Objective: Abandon Keg River and Sulp		Abandonment Type: Downhole		Serv Rig Start: 01-Mar-2019		Serv Rig End 07-Mar-2019				
Operations at 6:00:			AFE #: 19ABCAM003			AFE Estimate: \$192,032.00				
Daily Cost:		\$165	Previous Cumulative Cost:			\$10,040	Cum Cost: \$10,205			
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.50	m	Tubing:	mm	Bot at:	m				
TD (MD):	1,662.40	m	Casing:	mm	Set at:	m				
PBTD:	1,647.70	m	Liner:	mm	Top at:	m				
BOP Drill:		BOP Press Test:			Function Test:					
SITP:	kPa	SICP:	kPa	SCV:	kPa	H <sub>2</sub> S %				

**Remarks:**

Total:

#### Equipment on Location:



## **Daily Abandonment Report**

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Kurt Hewitt

Tel2:  
Tel1: (780) 830-8303

UWI: 300H036010117300	WELL: Strategic Cameron Hills Plant					DATE: 09-Feb-2019				
24 Hr Summary:						END: 08-Mar-2019				
Formation:	Surf Loc: H-03 60-10N 117-30W			Licence: 1940		Day #:	1			
Objective: Abandon Keg River and Sulp	Abandonment Type: Downhole			Serv Rig Start:	01-Mar-2019	Serv Rig End	07-Mar-2019			
Operations at 6:00:				AFE #: 19ABCAM003		AFE Estimate:	\$192,032.00			
Daily Cost:	\$10,040	Previous Cumulative Cost:			\$0	Cum Cost:				
Ground:	764.50	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.50	m	Tubing:	mm	Bot at:	m				
TD (MD):	1,662.40	m	Casing:	mm	Set at:	m				
PBTD:	1,647.70	m	Liner:	mm	Top at:	m				
BOP Drill:	BOP Press Test:			Function Test:						
SITP:	kPa	SICP:	kPa	SCV:	kPa	H <sub>2</sub> S	%			

Remarks:

Total: 10.5

#### Equipment on Location: