

**Strategic Oil & Gas Ltd.**  
**Final Well Operations Report**  
**Strategic et al Cameron B-08**  
**Well ID – 1732**  
**300/B08601011730/2**

**Jan 31, 2019 :** StreamFlo on location repair stem leak in master valve and service all other valves. All valves fully functional

**Feb 7, 2019 :** MIRU Spectrum wireline. MURIH with 59.43 mm guage ring. Tag bumper spring. MURIH with 63.5 mm JUC pulling tool. Latch onto bumper spring and jar up twice. Sheared off. POOH. MURIH with 63.5 mm JDC pulling tool. Latch onto bumper spring. Jar 12 times and pulled free. POOH. Packing sub c/w check valve and no/go broke off, left in the hole in the 58.7 mm F nipple at 1380.3 mKB. Top up casing with 50/50 inhibited ( 0.5% CRW-132 ) methanol water. Pressure test casing to 7200 kPa for 15 minutes. Solid test.

**Feb 8, 2019 :** H2S present on lease while performing morning sweeps. Master valve stem packing leaking. Need to mask up to perform any work near wellhead. Too cold first thing in the morning. Had to wait until it warmed up to -32 deg C as per manufacturer's specification on then SABA equipment. MURIH with 73.0 mm "G" packoff plug. Set at 1368.5 mGL. Rig in P-tank and perform negative test. Plug not holding. Pull "G" packoff plug out of the hole.

**Feb 9, 2019 :** MURIH with 73.0 mm "G" packoff plug. Set at 1368.5 mGL. Rig in P-tank and perform negative test. Held solid. ( flare volume = 1.91 e3m3 in 15 minutes ). Pump 3.5 m3 of inhibited water followed by 500 liters 50/50 inhibited methanol water down tubing. Allow wellbore to stabilize overnight.

**Feb 10, 2019 :** SITP = 545 kPa. Bleed off pressure ( flare volume = TSTM ). Pressure test tubing to 7000 kPa for 15 minutes. Leaked off 550 kPa. Unsuccessful test.

**Feb 13, 2019 :** SITP = 257 kPa. SICP = 196 kPa. Pressure test tubing to 7000 kPa for 15 minutes. Leaked off 275 kPa in ten minutes. Unsuccessful test.

**Feb.27, 2019 :** Pull "G" packoff plug from 1368.5 mGL. MURIH with 1.3 meter spacer assembly and land on top of broken bumper spring. MURIH with 73.0 mm permanent bridge plug. Set at 1379.0 mKB. Pressure test tubing to 7157 kPa for ten minutes. Solid test.

**Mar 1, 2019 :** StreamFlo on location remove and replace master valves, flow tee and wing valve.

*Ken M. W.*  
April 10, 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 B-08	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Spectrum Wireline
Well Identifier	1732	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 014	Approval to Alter Condition of Well	ACW -

### LOCATION INFORMATION

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

Surface	Lat 60° 7' 6"	Long 117° 30' 46"
Bottom Hole	Lat 60° 7' 6"	Long 117° 30' 46"

Region: Dehcho    Unit: B    Section: 8    Grid: 60-10 117-30

### ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	789.9 m	Ground Level / Seafloor	786.2 m
Spud/Re-entry Date	Jan 31, 2019 days	Total Depth	1560.0 m KB
Rig Release Date	Mar 1, 2019	Total Vertical Depth	1560.0 m KB

### CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
244.5	53.57	J-55	390.0	31.0 tonnes
139.7	20.83	J-55	1560.0	46.0 tonnes

**PLUGGING PROGRAM**

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )	
Other	-	Select	1379.0		
Select	-	Select			
Select	-	Select			
Select	-	Select			

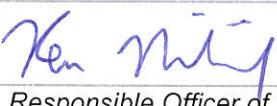
**PERFORATION**

Interval (m KB)	Comments	
1503.0-1508.0	Keg River - suspended	
1403.0-1421.0	Sulphur Point - suspended	
1353.5-1360.5	Slave Point - abandoned	
-		

**OTHER**

Lost Circulation/Overpressure Zones		
Equipment Left on Site (Describe)	Gas 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		Date	April 10, 2019
	<i>Responsible Officer of Company</i>		

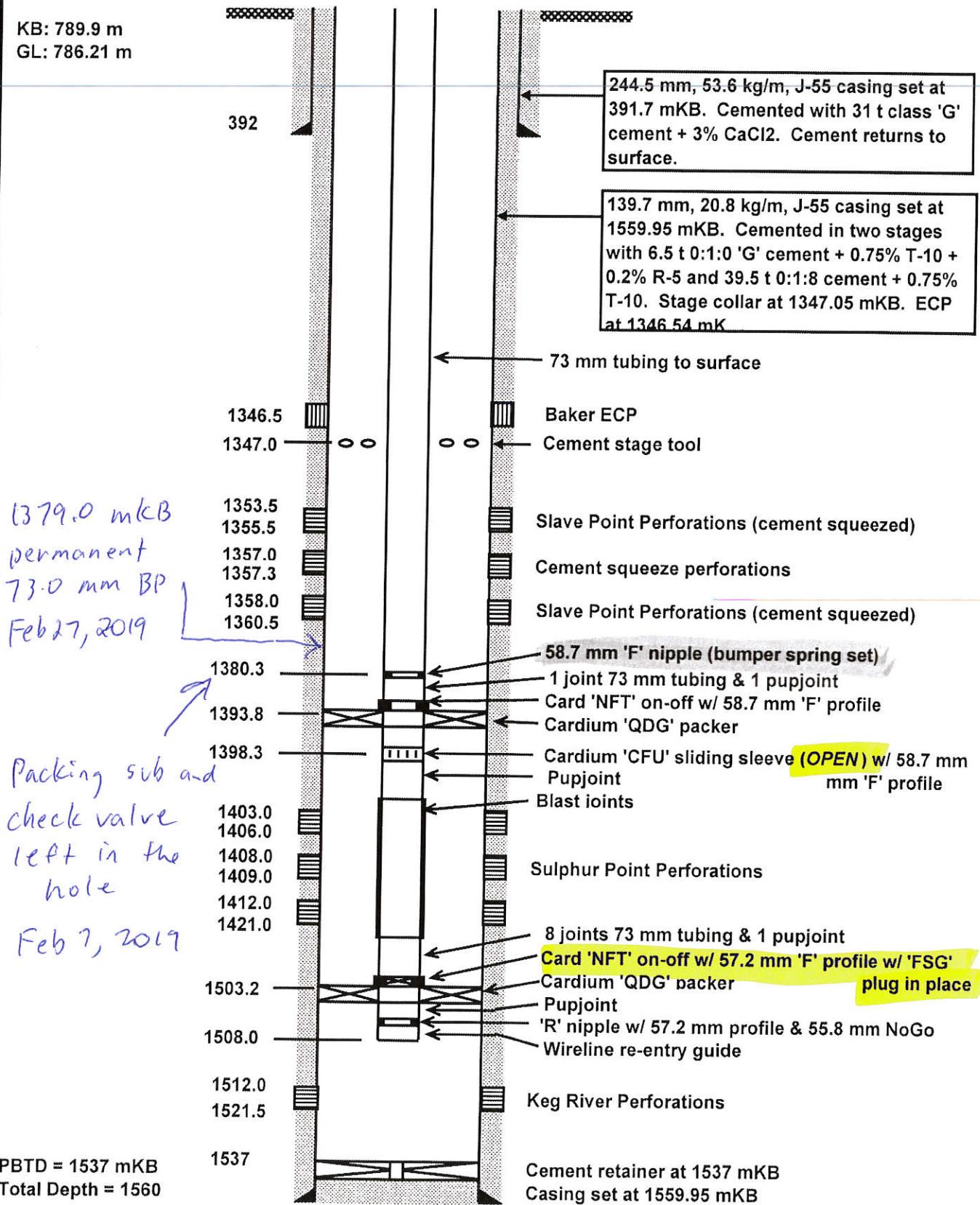
**OROGO use only**

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

## PARAMOUNT ET AL CAMERON B-08

60° 10' N, 117° 30' W

Bottom Hole Diagram (as of February 23, 2005)

KB: 789.9 m  
GL: 786.21 m



## *Daily Workover Report*

Operator: Strategic Oil & Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:  
Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08					DATE: 01-Mar-2019				
24 Hr Summary: Changed out master valves, flow t and wing valve. Blinded flowline.					END: 28-Feb-2019					
Formation: Sulphur Point/keg River			Surf Loc: B08601011730			Licence: 1732		Day #: 8		
Objective: Suspend well with slickline			Serv Rig Start:			Serv Rig End				
Operations at 6:00: Well suspended.			AFE #: 19WRCAM006			AFE Estimate: \$75,470.00				
Daily Cost:	\$7,502	Previous Cumulative Cost:			\$103,169	Cum Cost: \$110,671				
Ground:	786.20	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	3.70	m	Tubing:	73	mm	Bot at:	1508	m		
TD (MD):	1,560.00	m	Casing:	139.7	mm	Set at:	1560	m		
PBTD:	1,579.90	m	Liner:	mm	Top at:	m				
BOP Drill:	BOP Press Test:			Function Test:						
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H <sub>2</sub> S	%	

**Remarks:**

Total: 4.5

Equipment on Location: wireline, Picker, Pressure truck,

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>						
	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>						
	<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>
	<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:	3	Company:	1	Total Personnel:	4					
	Weather: Clear	Temp	-35 °C	Lease: Snow covered / good				Roads: Winter Roads/good						
Manager:				Programmed By:										



Operator: Strategic Oil &amp; Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:

Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08				DATE: 27-Feb-2019			
24 Hr Summary: Pull "G" Packoff/Set Tbg PBP, PT Tbg, MOL					END: 28-Feb-2019			
Formation: Sulphur Point/keg River	Surf Loc: B08601011730				Licence: 1732		Day #: 7	
Objective: Suspend well with slickline					Serv Rig Start:			
Operations at 6:00: change wellhead					AFE #: 19WRCAM006		AFE Estimate: \$75,470.00	
Daily Cost: \$14,367	Previous Cumulative Cost: \$88,802				Cum Cost: \$103,169			
Ground: 786.20 m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd: 3.70 m	Tubing: 73 mm	Bot at:	1508 m					
TD (MD): 1,560.00 m	Casing: 139.7 mm	Set at:	1560 m					
PBTD: 1,579.90 m	Liner: mm	Top at:	m					
BOP Drill:	BOP Press Test:			Function Test:				
SITP: 14 kPa	SICP: 153 kPa	SCV:	kPa	H <sub>2</sub> S %				

**Remarks:**

Spacer Bar set ontop of broken Bumper spring; Gauge ring - 22cm long X 58.42mm OD c/w nominal 2.5in Fishneck Sinker Bar, 89cm long x 31.75mm OD ; Rope socket 19cm long X 38.1mm OD c/w 1.375 OD fishneck.

Time From	Time To	Hours	Code	Comments
07:00	08:00	1	SAFE	Meet at Cameron Hills Camp, held daily operational meeting, Review Job Procedures, Hazards, ERP, Issue Work Permit.
				Travel to location. Sweep wellhead for Gas, None detected.
08:00	14:00	6	SLICK	Spot & Rig in slickline & Picker Units to SOG & OROGO Specs.
				Record SITP 14kpa, SICP 153kpa
				MURIH with Probe to 1368MGL, break Equalizing Kobes, POOH. Tbg On Slight Vac.
				MURIH with 59.51mm Gauge ring to 500MGL, POOH.
				MURIH with 2.5in RB (Shear up) Pulling tool, latch on to Slipstop, Jar up 2-times, Sheared off, POOH.
				MURIH with 2.5in SB (Shear Down) Pulling tool, latch and Pull 73mm Slipstop, POOH.
				MURIH with 2.5in GS Pulling tool, Pull the 73mm "G" Packoff Plug c/w 73mm Collar stop, POOH.
				MURIH with Spacer Bar set on broken bumper spring
				Spacer bar consists of , 58.42mm Gauge ring, 0.89m x 31.75mm OD Sinker bar, c/w 38.1mm OD Ropesocket c/w 1.375in OD fish neck. Overall length 1.30m
				MURIH with 73mm PBP and set at 1379MKB, 1.3m above Broken Bumper spring.
				PT Tbg 7mpa x 10mins Test Pass. 7157kpa to 7130kpa, 27kpa leakoff. (0.4%.)
				Bleed off Tbg to Zero.
14:00	15:00	1	RIG	Rigout Slickline & Pressure unit.
				Secure well, All valves closed, Chained and Locked.
				Move off Location.

Total: 8

Equipment on Location: wireline, Picker, Pressure truck,

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	Cumulative DownTime: hrs
	Personnel on Location	Rig:		Service:		Company:		Total Personnel: 0
	Weather: overcast	Temp	-13 °C	Lease:	Snow covered / good			Roads: Winter Roads/good
Manager:	Programmed By:							



## *Daily Workover Report*

Operator: Strategic Oil & Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:  
Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08				DATE: 13-Feb-2019					
24 Hr Summary: PT Tbg , Secure well, MOL				END: 28-Feb-2019						
Formation: Sulphur Point/keg River		Surf Loc: B08601011730		Licence: 1732		Day #: 6				
Objective: Suspend well with slickline		Serv Rig Start:		Serv Rig End						
Operations at 6:00: Well suspension Completed		AFE #: 19WRCAM006		AFE Estimate: \$75,470.00						
Daily Cost:	\$6,250	Previous Cumulative Cost:		\$82,552	Cum Cost:		\$88,802			
Ground:	786.20	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	3.70	m	Tubing:	73	mm	Bot at:	1508	m		
TD (MD):	1,560.00	m	Casing:	139.7	mm	Set at:	1560	m		
PBTD:	1,579.90	m	Liner:		mm	Top at:		m		
BOP Drill:	BOP Press Test:			Function Test:						
SITP:	257	kPa	SICP:	196	kPa	SCV:	kPa	H <sub>2</sub> S	%	

**Remarks:**

Total: 5.5

Equipment on Location: wireline, Picker, Pressure truck, P-Tank, Air trailer, steamer

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>	
	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: hrs	Cum: hrs		Total: 0 m <sup>3</sup>	
Load Fluids	Reset <input type="checkbox"/> Cums	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>	To Rec 0 m <sup>3</sup>
	<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>	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>	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: snowing	Temp °C	Lease: Snow covered			Roads: Winter Roads	
Manager:			Programmed By:				



## *Daily Workover Report*

Operator: Strategic Oil & Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:  
Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08				DATE: 10-Feb-2019			
24 Hr Summary: PT Tbg / Rigout / Move off Location.					END: 28-Feb-2019			
Formation: Sulphur Point/keg River	Surf Loc: B08601011730		Licence: 1732		Day #:	5		
Objective: Suspend well with slickline	Serv Rig Start:		Serv Rig End					
Operations at 6:00: Retest Tbg	AFE #: 19WRCCAM006		AFE Estimate: \$75,470.00					
Daily Cost: \$6,875	Previous Cumulative Cost: \$75,677		Cum Cost: \$82,552					
Ground: 786.20 m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd: 3.70 m	Tubing: 73 mm		Bot at: 1508 m					
TD (MD): 1,560.00 m	Casing: 139.7 mm		Set at: 1560 m					
PBTD: 1,579.90 m	Liner: mm		Top at: m					
BOP Drill:	BOP Press Test:		Function Test:					
SITP: 546 kPa	SICP: 265 kPa	SCV: kPa	H <sub>2</sub> S %					

**Remarks:**

Total: 4

Equipment on Location: wireline, Picker, Pressure truck, P-Tank, Air trailer, steamer

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>	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: snowing	Temp	-18 °C	Lease:	Snow covered			Roads:	Winter Roads		
Manager:				Programmed By:							



## *Daily Workover Report*

Operator: Strategic Oil & Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:  
Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08							DATE: 09-Feb-2019				
24 Hr Summary: Run Plug/ Bleed ff Tbg / Neg Test Good/Fill Tbg / SDFN							END: 28-Feb-2019					
Formation: Sulphur Point/keg River				Surf Loc: B08601011730			Licence: 1732		Day #: 4			
Objective: Suspend well with slickline				Serv Rig Start:			Serv Rig End					
Operations at 6:00: PT Tbg / Rig out				AFE #: 19WRCAM006			AFE Estimate: \$75,470.00					
Daily Cost:	\$28,615		Previous Cumulative Cost:				\$47,062		Cum Cost: \$75,677			
Ground:	786.20	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base		
KB to Grd:	3.70	m	Tubing:	73	mm	Bot at:	1508	m				
TD (MD):	1,560.00	m	Casing:	139.7	mm	Set at:	1560	m				
PBTD:	1,579.90	m	Liner:	mm	Top at:	m						
BOP Drill:		BOP Press Test:			Function Test:							
SITP:	6903	kPa	SICP:	265	kPa	SCV:	kPa	H <sub>2</sub> S	%			

**Remarks:**

Time From	Time To	Hours	Code	Comments
07:00	13:30	6.5	INACTIVE	Wait fo Wireline to finish on Service Rig.
13:30	14:30	1	SAFE	Travel to Location. Spot equip. Held daily operational & safety meeting. Review Job procedures, Hazards, ERP, Issue work permit. Review Procedures for working with SABA, SCBA. Maskup, Backup for any work in close proximity of wellhead. Spot steamer & steamheat wellhead.
14:30	18:30	4	SLICK	Spot and rig in Slickline Equip. Record SITP 6903kpa Purge lubricator with N2, PT 8mpa, Test Good. MURIH with 73mm "G" packoff plug, set at 1368MGL, POOH. MURIH with 73mm Slip Stop, set on top off "G" packoff at 1368MGL, POOH. Fluid level at 1346MGL, ( 22m of Fluid In Tbg ) Not enough fluid to be able to swab out. Open Tbg to P-Tank, bleed off Tbg gas pressure, and monitor for 15mins. Shutin Tbg and preform 15min negitive test, Held Solid Rig in pressure truck to Tbg. Pump 3.5m3 of Fresh Inhibited and 500L of 50/50 methanol / inhibited water. Allow fluid temp to stablize in tbg, allow gas to migrate to surf over night.
18:30	19:30	1	SDFN	Secure Well, SDFN travel back to camp. Estimated Vol Gas flared 1.91e3m3

Total: 12.5

#### 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>	
	Reset 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: clear	Temp -26 °C	Lease: Snow covered			Roads: Winter Roads	
Manager:			Programmed By:				



# Daily Workover Report

Operator: Strategic Oil & Gas Ltd. B-08 60 10N, 117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2: Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08	DATE: 08-Feb-2019
24 Hr Summary: Run "G" Packoff / Set Slipstop/ Plug not holding / pull plug		END: 28-Feb-2019
Formation:	Surf Loc: B08601011730	Licence: 1732 Day #: 3
Objective: Suspend well with slickline	Serv Rig Start:	Serv Rig End
Operations at 6:00 : Rerun Tbg Plug	AFE #: 19WRCAM006	AFE Estimate: \$75,470.00
Daily Cost: \$22,946	Previous Cumulative Cost: \$24,117	Cum Cost: \$47,062
Ground: 786.20 m KB To TH	m Open Hole: mKB	Date Perf Formation Top Base
KB to Grd: 3.70 m Tubing:	mm Bot at: m	
TD (MD): 1,560.00 m Casing:	mm Set at: m	
PBTD: 1,579.90 m Liner:	mm Top at: m	
BOP Drill: BOP Press Test: Function Test:		
SITP: 6145 kPa SICP: 345 kPa SCV: kPa H <sub>2</sub> S %		

Remarks:

Time From	Time To	Hours	Code	Comments
06:30	09:30	3	SAFE	Held daily safety and operational meeting with all personal at camp. Review Job procedures, Hazards, weather, Issue work permit.
				Travel to location. Noticed H2S odor on Site. Wellhead leaks.
				Move Impact Safety Air trailer from Rig to Location.
				-39C decided to wait for temperatures to warmup before using SABA, SCBA.
				Scott Breathing air equip temp ratings -32 C.
09:30	14:00	4.5	INACTIVE	Wait for Temp to warmup to min -32C
14:00	14:30	0.5	SAFE	Prejob safety review. Review procedures Using SABA, SCBA. Setup Muster Point. Designate Safety backup.
14:30	20:30	6	SLICK	Maskup, Backup, Bleed off Top section of well.
				Rig slickline on to well. Purge Lubricator with N2, PT Lubricator with N2 to 7mpa Test Good.
				MURIH with 73mm "G" Packoff Plug c/w Collar stop set at 1368.5MGL, POOH. Fluid at 1240MGL.
				MU 73mm Slipstop, Pressure up Lubricator with N2 to equal SITP, RIH and set slipstop on top of "G" Packoff at 1368.5MGL.
				Rig in Testers Line to Tbg, Open Tbg to p-Tank, pressure drop from 6200 to 5100kpa than back to 6100kpa. Plug Not Holding
				Pull Slipstop, and "G" Packoff from 1368.5MGL. Rig out slickline unit.
20:30	21:30	1		Secure well, SDFN, Travel back to Camp

Total: 15

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> 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: clear	Temp -39 °C	Lease: Snow covered	Roads: Winter Roads
Manager:		Programmed By:		



# Daily Workover Report

Operator: Strategic Oil & Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2: Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08	DATE: 07-Feb-2019	
24 Hr Summary: Rig in Wireline/ Run Gauge ring, pull Bumper spring-Broken / SDFN		END: 28-Feb-2019	
Formation:	Surf Loc: B08601011730	Licence: 1732	
Objective: Suspend well with slickline	Serv Rig Start:	Serv Rig End	
Operations at 6:00: Move in P-Tank / run Packoff Plug / PT Tbg	AFE #: 19WRCAM006	AFE Estimate: \$75,470.00	
Daily Cost: \$20,537	Previous Cumulative Cost: \$3,580	Cum Cost: \$24,117	
Ground: 786.20 m	KB To TH m	Open Hole: m	mKB
KB to Grd: 3.70 m	Tubing: mm	Bot at: m	
TD (MD): 1,560.00 m	Casing: mm	Set at: m	
PBTD: 1,579.90 m	Liner: mm	Top at: m	
BOP Drill:	BOP Press Test:	Function Test:	
SITP: 6120 kPa	SICP: 6 kPa	SCV: 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 with all personal at camp, review Job procedures, Hazards, Weather, issue work permit. Travel to Location. Sweep wellhead for Gas, None detected.
07:30	09:00	1.5	SHUT	Move in Pencoff Steamer, tarp wellhead & Steamheat wellhead.
				Record SITP 6120kpa, SICP 6kpa.
09:00	15:30	6.5	SLICK	Rig in Slickline and Picker Units.
				Remove Top section of Plunger catcher, to install wireline Bottom Hole adaptor, Catcher plugged off with a dry hard substance, Plunger stuck in catcher, Travel to Plant Pickup blind flange, Remove Plunger Catcher, and install Blind on Flowline.
				Rig wireline onto well. Purge Lubricator with N2, PT 8mpa, Test Good.
				MURIH with 2.34in ( 59.43mm) gauge ring, Tag bumper spring at 1379MGL, POOH
				MURIH with 2.5in JUC ( shear Up ) pulling tool, Latch Plunger at 1379MGL, Jar up on Plunger 2-times, Sheared off, POOH. Fluid level at 1230MGL.
				MURIH with JDC ( down to shear ) pulling tool latch bumper, jar up on bumper spring 12-times, pull free, POOH. Packing sub c/w check valve & no-go broke off of bumper spring and left in Hole.
15:30	16:30	1	PTST	Rig pressure truck to Casing, Fill & PT casing 7.2mpa x 15mins, Held solid. Bleed back fluid pressure.
16:30	17:30	1	SDFN	Secure well, SDFN, travel back to camp.

Total: 11

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	<input type="checkbox"/> OIL	Used	m <sup>3</sup>	Cum	0 m <sup>3</sup>	To Rec	0 m <sup>3</sup>
	<input type="checkbox"/> WATER	Used	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>	To Rec	0 m <sup>3</sup>
Hours	Service Rig Hours	Daily	hrs	Cumulative	hrs	DownTime:	hrs
	Personnel on Location	Rig:		Service:		Company:	Total Personnel: 0
	Weather: clear	Temp	-33 °C	Lease:	Snow covered		Roads: Winter Roads
Manager:				Programmed By:			



## *Daily Workover Report*

Operator: Strategic Oil & Gas Ltd. B-08 60 10N,117 30W Reporting To: Ken Nikiforuk

Consultant: Pete Dyck

Tel2:  
Tel1: (780) 841-7816

UWI: 300B086010117300	WELL: Strategic et al Cameron B-08					DATE: 31-Jan-2019				
24 Hr Summary: service wellhead Valves					END: 28-Feb-2019					
Formation:		Surf Loc: B08601011730			Licence: 1732		Day #: 1			
Objective: Suspend well with slickline			Serv Rig Start:		Serv Rig End					
Operations at 6:00: Move in Slickline to Suspend well			AFE #: 19WRCAM006		AFE Estimate: \$75,470.00					
Daily Cost:	\$3,580	Previous Cumulative Cost:			\$0	Cum Cost:		\$3,580		
Ground:	786.20	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	3.70	m	Tubing:	mm	Bot at:	m				
TD (MD):	1,560.00	m	Casing:	mm	Set at:	m				
PBTD:	1,579.90	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: 4

#### Equipment on Location:

DATE: Jan 31 / 2019

CUSTOMER: Strategic

LEASE: B-08

RIG#/FRAC COMPANY:

CONTACT NAME: Pete Dyck

PHONE:

E-MAIL / FAX:

UNIT# / TOOL#: Z-181

SERVICE TECH: Blair Standing SERVICE TECH:

SERVICE TECH: Ashton Murphy SERVICE TECH:

Strategic Oil & Gas  
1100, 645-7<sup>th</sup> Ave SW Calgary, T2P 4G8

Lease: B-08

AFe#, 19WRCAM006 Code: 9920-247

Consultant: Pete Dyck Ph# 1-780-841-7816

SERVICE PERFORMED: Service valves

BOWL THD/ MFG/ SIZE/ TYPE:		CASING SIZE:		
CSG SLIPS:	AUTO	MANUAL	FMH	CUT & BEVEL HT:
Load truck Drive to cameron Hills. Drop off 3 valves and parts for shayne stahl. continue on to petes site. wait for steamer and both go to B-08. Once steamer was done Rig in and grease/ stick pack both masters. wait for steamer to Refill and come back and steam the 10# well head wing valve was sized but now is turning good. Grease and stick pack wing/ casing valve: all valves turning good. Close all valves				
#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 <sup>3</sup> /MIN x TONNAGE, TO A MAX CHARGE OF \$2000.00 \$			
RCRT	SERVICE & MAINTENANCE, Post Frac Completion to Location/ Job \$			
4-Stem Grease @ 5.00	\$20.00 \$			
7-Stick 625 @ 3.50	\$24.50 \$			
	\$ \$			
	\$ \$			
	\$ \$			
MILEAGE:				
LOAD/TRAVEL TIME	SERVICE		HOURS	RATE
ON LOCATION TIME	SERVICE		10	@ 270.00 = \$2700.00
OFF LOCATION TIME	SUBSISTENCE		@	= \$
RETURN/UNLOAD TIME	ACCOMMODATION		@	= \$
TOTAL TIME	ENVIRO		1	@ 85.00 = \$85.00
Sales Order will be processed to finalize				
Signature may be required on finalized Sales Order/Invoice				
SUB-TOTAL: \$2824.50				
Prices Do Not Include GST/ PST/ HST				

HEAD OFFICE 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)



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