



# Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2:  
Tel1: (403) 318-7083

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>						DATE: <b>04-Mar-2015</b>			
24 Hr Summary: <b>Install CSG slips &amp; seals, POOH with packer/swedge assembly. Set BP &amp; pr</b>						END:				
Formation: <b>Sulpher Point</b>				Surf Loc: <b>M74601011715</b>		Licence: <b>2063</b>		Day #: <b>16</b>		
Objective: <b>Repair failed casing</b>				Serv Rig Start: <b>17-Feb-2015</b>			Serv Rig End			
Operations at <b>6:00</b> : Circ over, POOH w/ packer, Dump Bail, Perforate, Feed rate				AFE #: <b>15WRACM004</b>		AFE Estimate: <b>\$543,865.00</b>				
Daily Cost: <b>\$32,663</b>		Previous Cumulative Cost: <b>\$732,316</b>				Cum Cost: <b>\$764,979</b>				
Ground: <b>778.00</b>	m	KB To TH	<b>3.80</b>	m	Open Hole: <b>1406.44</b>	mKB	Date	Perf Formation		
KB to Grd: <b>4.60</b>	m	Tubing:	<b>60.3</b>	mm	Bot at: <b>1406.44</b>	m		Top		
TD (MD): <b>1,473.00</b>	m	Casing:	<b>139.7</b>	mm	Set at: <b>1473</b>	m		Base		
PBTD: <b>1,473.00</b>	m	Liner:		mm	Top at:	m				
BOP Drill:		BOP Press Test			Function Test: <b>yes</b>					
SITP:	kPa	SICP:	<b>0</b>	kPa	SCV:	kPa	H <sub>2</sub> S	%		

Remarks:

Streamflo hauled upper well head assembly back to Rainbow lake for SOG stock -Service Order # 37828

Time From	Time To	Hours	Code	Comments
07:30	08:00	0.5	SAFE	Hold safety meeting identifying hazards and discuss the job to be completed. Issue safe work
				permits. Read & Record pressures SICP - 0 kPa SISCV - 6 kPa Bleed off pressure
08:00	11:00	3	BOPS	Rig out rig floor and handling equipment. Nipple Down BOP's, Remove adapter spool.
			PTST	Streamflo Ind. to install CSG Slips. Pull up on CSG 4500 daN over string weight 7500 daN
				Install TBG head. Stump test BOP's Blind and Pipe rams 1.4 mPa and 21 mPa, Annular test to 7
				mPa. 10 minute tests on all. Nipple up BOP's.
11:00	12:00	1	TRPTBG	Makeup and RIH with retrieving tool c/w profile nipple in strin and latch onto Hydraulic set
				packer and CSg swedge assembly. Shear Packer @ 11,000 daN over string weight.
				POOH racking TBG in Derrick and lay down packer & tools.
12:00	13:30	1.5	WIRE	Rig in FMC E-line and RIH with a 118 mm Gauge ring and junk basket to 1397.4mKB and tag sand
				top. (Room to set permant bridge plug on top of WR = Top perf @ 1407 mKB). POOH
13:30	13:45	0.25	SAFE	Hold safety / operational meeting discussing handling of explosives ( Cell phones, radios,
13:45	15:30	1.75	WIRE	ect.) and the setting of permanent bridge plug. Log into position corellateing to FMC
				Log into position and Fire. Tryton 10 K Permanent Bridge plug CE @ 1393 mKB. POOH
				Rig out e-line equipment from floor. Makeup packer assembly c/w profile nipple in string and
15:30	17:00	1.5	TRPTBG	RIH with 144 joints total ( 73 mm ) and BHA c/w 0.5 m stick up to 1388.0 mKB. Set packer.
17:00	17:15	0.25	PTST	Rig in rig pump and pressure test CSG to 7 mPa for 15 minutes. Good test. Unset Packer.
17:15	18:00	0.75		Lay down 2 joints TBG. Transfer fluids on location for morning circulation, making room in
				rig tank for circ. Fresh water / corrosion inhibitor booked for morning.
18:00	18:30	0.5	SDFN	Secure well and location & SDFN

Total: **11**

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	<b>10<sup>3</sup>m<sup>3</sup>/d</b>	Cum:	<b>0</b>	<b>10<sup>3</sup>m<sup>3</sup></b>	Tubing volume:	<b>m<sup>3</sup></b>
	Reset <input type="checkbox"/> Cums	<input type="checkbox"/> Oil or Condensate	Daily:	<b>m<sup>3</sup></b>	Cum:	<b>0</b>	m <sup>3</sup>	Csg. ann vol:
	<input type="checkbox"/> Water:		Daily:	<b>m<sup>3</sup></b>	Cum:	<b>0</b>	m <sup>3</sup>	Open hole vol:
	Time Swabbed/Flowed:		Daily: <b>0.00</b> hrs		Cum:	hrs		Total: <b>0</b> m <sup>3</sup>
Load Fluids	Reset <input type="checkbox"/> Cums	<input type="checkbox"/> OIL	Used <b>m<sup>3</sup></b>	Cum <b>0</b> m <sup>3</sup>	Rec <b>m<sup>3</sup></b>	Cum <b>0</b> m <sup>3</sup>	To Rec <b>0</b> m <sup>3</sup>	
	<input type="checkbox"/> WATER		Used <b>m<sup>3</sup></b>	Cum <b>45</b> m <sup>3</sup>	Rec <b>m<sup>3</sup></b>	Cum <b>0</b> m <sup>3</sup>	To Rec <b>45</b> m <sup>3</sup>	
	<input type="checkbox"/> OTHER		Used <b>m<sup>3</sup></b>	Cum <b>0</b> m <sup>3</sup>	Rec <b>m<sup>3</sup></b>	Cum <b>0</b> m <sup>3</sup>	To Rec <b>0</b> m <sup>3</sup>	
Hours	Service Rig Hours	Daily <b>11.00</b> hrs	Cumulative <b>157.50</b> hrs	Downtime:	hrs	Cumulative Downtime:	hrs	
	Personnel on Location	Rig: <b>6</b>	Service: <b>8</b>	Company: <b>1</b>		Total Personnel:	<b>15</b>	
	Weather: <b>clear</b>	Temp <b>-16 °C</b>	Lease: <b>rough</b>			Roads: <b>rough</b>		
Manager:	Dave Evans			Programmed By:	Ken Nikiforuk			



# Daily Workover Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2:  
Tel1: (403) 318-7083

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>						DATE: <b>03-Mar-2015</b>			
24 Hr Summary: <b>String shot @ 196 mKB and POOH RIH with New CSG and pressure test</b>						END:				
Formation: <b>Sulpher Point</b>			Surf Loc: <b>M74601011715</b>			Licence: <b>2063</b>		Day #: <b>15</b>		
Objective: <b>Repair failed casing</b>				Serv Rig Start: <b>17-Feb-2015</b>			Serv Rig End			
Operations at 6:00 : Install slips and seals, retrieve CSG swedge, Set B.P				AFE #: <b>15WRACM004</b>		AFE Estimate: <b>\$543,865.00</b>				
Daily Cost: <b>\$86,216</b>		Previous Cumulative Cost: <b>\$631,277</b>				Cum Cost: <b>\$717,493</b>				
Ground: <b>778.00</b>	m	KB To TH	<b>3.80</b>	m	Open Hole: <b>mKB</b>	Date	Perf Formation	Top		
KB to Grd: <b>4.60</b>	m	Tubing: <b>60.3</b>	mm	Bot at: <b>1406.44</b>	m					
TD (MD): <b>1,473.00</b>	m	Casing: <b>139.7</b>	mm	Set at: <b>1473</b>	m					
PBTD: <b>1,473.00</b>	m	Liner: <b></b>	mm	Top at: <b></b>	m					
BOP Drill: <b></b>		BOP Press Test			Function Test: <b>yes</b>					
SITP: <b>kPa</b>	SICP: <b>0 kPa</b>	SCV: <b>kPa</b>		<b>H<sub>2</sub>S %</b>						

Remarks:

Norman McCowan ( Lands ) and Wendy Didwell ( Environment & Natural Resources) with the Government of the Northwest Territories were on location today for lease inspection. Good inspection.

Time From	Time To	Hours	Code	Comments
07:30	08:00	0.5	SAFE	Hold safety meeting identifying hazards and discuss the job to be completed. Issue safe work permit. Read & Record SICP - 10 kPa, SITP - 6 kPa, SISCV - 20 kPa. Bleed off pressures.
				POOH laying down TBG onto pipe racks. Lay down BHA packer tools.
08:00	08:30	0.5	TRPTBG	Nipple down BOP's and rack. Change out BOP rams to 139.7 mm and Stump test pipe and blind rams
08:30	09:00	0.5	BOPS	1.4 mPa and 21 mPa and annular - 1.4 mPa and 7 mPa - Good 10 minute tests on all
09:00	10:00	1	PTST	WLHD Streamflo Ind. To remove primary seal
				Hold operational / safety meeting with all on site.
10:00	10:15	0.25	SAFE	Command pipe recovery to spear into CSG. Pull up 10,000 daN and CSG slips are removed.
10:15	10:30	0.25	TRPTBG	Release tension in CSG and back out CSG spear. And lay down.
				Install adapter spool, Install stump tested BOP's and pressure test ring gasket and blind rams
10:30	11:00	0.5	BOPS	to 2 mPa. RIH with Spear and measure stack. Rig in FMC E-line and equipment.
11:00	12:00	1	RIG	Hold safety meeting regarding handling explosives(radio's, cell phones ect.) and discuss the
12:00	12:15	0.25	SAFE	procedure. RIH with a CCL-String shot c/w 40 grain primer cord, Corelate depths to CSG Pup
12:15	14:00	1.75	WIRE	joint @ 171 mKB. Log up into postiion. @ 196 mKB. Prepare CSG string with tension and torque.
				Fire string shot & a back off was noticed at surface. POOH. Rig out E-line equipment
14:00	16:00	2	TRPTBG	POOH with 15 CSG Joints and joints # 14 and #15 had splits. Contact head office.
16:00	18:30	2.5	TRPTBG	RIH with new CSG - 1 - pup joint = 3.12 m ,c/w CSG swedge and hydraulic packer inside, 13 joints New CSG = 175.11m , 1 - Pup joint = 3.19 m, 1 - Joint CSG= 13.53 m
18:30	19:30	1		Land into fish top and thread into string. Install TIW and rig pump to pump down CSG and pressure up CSG to 7 mPa and and we had communication to SCV after 5 mPa applied.

Total: **12.5**

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: <b>10<sup>3</sup>m<sup>3</sup>/d</b>	Cum: <b>0 10<sup>3</sup>m<sup>3</sup></b>	Tubing volume: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Reset Cums	Daily: <b>m<sup>3</sup></b>	Cum: <b>0 m<sup>3</sup></b>	Csg. ann vol: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Oil or Condensate			
	<input type="checkbox"/> Water:	Daily: <b>m<sup>3</sup></b>	Cum: <b>0 m<sup>3</sup></b>	Open hole vol: <b>m<sup>3</sup></b>
Load Fluids	Time Swabbed/Flowed:		Daily: <b>0.00 hrs</b>	Cum: <b>hrs</b> Total: <b>0 m<sup>3</sup></b>
	<input type="checkbox"/> Reset	Used <b>m<sup>3</sup></b>	Cum <b>0 m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0 m<sup>3</sup></b> To Rec <b>0 m<sup>3</sup></b>
	<input type="checkbox"/> Cums	Used <b>m<sup>3</sup></b>	Cum <b>45 m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0 m<sup>3</sup></b> To Rec <b>45 m<sup>3</sup></b>
Hours	<input type="checkbox"/> OIL			
	<input type="checkbox"/> WATER			
	<input type="checkbox"/> OTHER			
Service Rig Hours		Daily <b>12.50 hrs</b>	Cumulative <b>146.50 hrs</b>	DownTime: <b>hrs</b> Cumulative DownTime: <b>hrs</b>
Personnel on Location		Rig: <b>6</b>	Service: <b>10</b>	Company: <b>2</b> Total Personnel: <b>18</b>
Weather: <b>High Winds</b>		Temp <b>-33 °C</b>	Lease: <b>rough</b>	Roads: <b>rough</b>
Manager: <b>Dave Evans</b>	Programmed By: <b>Ken Nikiforuk</b>			



## **Daily Workover Report**

Consultant: Mike Greenwood

Tel2:  
Tel1: (403) 318-7083

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2: \_\_\_\_\_  
Tel1: (403) 318-7083

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>				DATE: <b>02-Mar-2015</b>	
24 Hr Summary: <b>Perform Down hole camera video on area of problem</b>				END:		
Formation: <b>Sulpher Point</b>			Surf Loc: <b>M74601011715</b>		Licence: <b>2063</b>	
Objective: <b>Repair failed casing</b>			Serv Rig Start: <b>17-Feb-2015</b>		Serv Rig End	
Operations at <b>6:00</b> : Trip Tbg out of hole, remove BOP's, String shot CSG			AFE #: <b>15WRCAM004</b>		AFE Estimate: <b>\$543,865.00</b>	
Daily Cost:	\$63,725		Previous Cumulative Cost:		\$553,929	
Ground:	778.00	m	KB To TH	3.80	m	Open Hole: mKB
KB to Grd:	4.60	m	Tubing:	60.3	mm	Bot at: 1406.44 m
TD (MD):	1,473.00	m	Casing:	139.7	mm	Set at: 1473 m
PBTD:	1,473.00	m	Liner:		mm	Top at: m
BOP Drill:	BOP Press Test			Function Test: <b>yes</b>		
SITP:	kPa	SICP:	0 kPa	SCV:	kPa	H <sub>2</sub> S %

## Remarks:

30 km hour winds and -21 deg C temperature made work very slow through out days work. Wind chill -34 deg C

Time From	Time To	Hours	Code	Comments
05:30	06:15	0.75		Travel from Camp to location. Break trail. Return to camp for breakfest. Road drifted
07:30	08:00	0.5	SAFE	Hold safety meeting identifying hazards and discuss the job to be completed. Issue safe work permit. Read & record SICP - light vacuum, SITP - light vacuum, SISCV - light Vacuum.
08:00	08:30	0.5	RIG	Install Wind break tarps around work floor ,and rig pump controls
08:30	10:00	1.5	TRPTBG	RIH with TBG and 18 joints in hole with 6 m stick up, putting packer CE @ 174 mKB. Set Packer
10:00	10:30	0.5	CIRC	Rig pump to pump 100 liters down CSG and pressure held at 5 mPa and when pressure increased to 7 mPa we had communication to SCV.
10:30	11:00	0.5	TRPTBG	RIH with Joint # 19 and 3.5 m stick up , putting packer CE @ 186 mKB. Set Packer.
11:00	11:30	0.5	PTST	Rig pump to pump down TBG and pressured up to 7 mPa - Good solid test below packer with no communication to SCV. FMC, Fresh water arrives on location.
11:30	12:00	0.5	SAFE	Hold operation/safety meeting with all. Discussing hazards & depths of interest for camera.
12:00	19:30	7.5	WIRE	Rig in FMC equipment positioning shive high in derrick. Using Downhole camera try to locate hole or split. Start from 178 mKB and perform camera video to 165 mKB.
				While performing video we noticed CSG pup joint and it appereared we were not on depth.
				POOH with Camera. POOH with TBG and count pipe. We are 1 joint short.
				RIH with 18 joints TBG and BHA. TBG bottom 178 mKB on depth. Perform video in increments throughout section. No holes or splits were noticed. Contact head office.
				Order equipment for CSG back off in morning.
19:30	20:00	0.5	SDFN	Secure well and location and SDFN

Total: 13.25

## 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"/> Reset Cums	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	<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 45 m <sup>3</sup>	Rec m <sup>3</sup> Cum 0 m <sup>3</sup> To Rec 45 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 134.00 hrs
	Personnel on Location		Rig: 6	Service: 8
	Weather: High Winds		Temp -21 °C	Lease: rough Roads: rough
Manager:	Dave Evans		Programmed By: Ken Nikiforuk	



## **Daily Workover Report**

Consultant: Mike Greenwood

Tel2:  
Tel1: (403) 318-7083

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2:  
Tel1: (403) 318-7083UWI: **300M746010117150**WELL: **Strategic et al Cameron M-74**DATE: **01-Mar-2015**24 Hr Summary: **Pull hydraulic Packer and swedge, Install TBG head, RIH to locate CSH hole** END:

Formation: Sulpher Point

Surf Loc: **M74601011715**Licence: **2063**Day #: **13**Objective: **Repair failed casing**Serv Rig Start: **17-Feb-2015**

Serv Rig End

Operations at **6:00** : Locate CSG hole with test packer, run Camera to inspect AFE #: **15WRCAM004** AFE Estimate: **\$543,865.00**

Daily Cost:	\$25,126	Previous Cumulative Cost:	\$516,678	Cum Cost:	\$541,804
Ground:	778.00	m	KB To TH	3.80	m
KB to Grd:	4.60	m	Tubing:	60.3	mm
TD (MD):	1,473.00	m	Casing:	139.7	mm
PBTD:	1,473.00	m	Liner:		mm
BOP Drill:			BOP Press Test		Function Test: yes
SITP:	kPa	SICP: 0 kPa	SCV:	kPa	H <sub>2</sub> S %

## Remarks:

High winds and snow make work slow throughout later part of afternoon.

Time From	Time To	Hours	Code	Comments
07:30	08:00	0.5	SAFE	Hold safety meeting identifying hazards and discuss the job to be completed. Issue safe work permits. Read & Record pressure SICP - 0 SISCV - TSTM
08:00	09:00	1	BOPS	Nipple Down BOP's and rack on matting and secure.
				Hook to CSG string. Pull up 4500 daN Tension into CSG string.
09:00	11:30	2.5	WLHD	Streamflo to install slips into CSG bowl. Cold cut CSG and hand file 3-3/4" stub up.
				Land Primary Seal in CSG bowl. Install 9" x 3000 psi TBG head, and secure.
11:30	11:45	0.25	PTST	Pressure test primary and secondary seals to 14 mPa - Good 15 minute test. Rig out Streamflo
11:45	12:45	1	PTST	Install BOP's and Nipple up. Pressure test BOP's - Pipe rams, Blind Rams to 1.4 mPa and 14 mPa for 10 minutes each Annular to 7 mPa - Good tests
12:45	13:15	0.5	TRPTBG	Makeup and RIH with On/Off tool and 17 joints of 73 mm J55 EUE TBG c/w profile nipple and 2 - 10 ft pups in string. Latch onto hydraulic packer and pull 4000 daN tension into string.
13:15	13:25	0.17	PTST	Rig pump to pump 100 liters & pressure test CSG above Hydraulic packer @ 168 mKB to 7 mPa for 10 minutes - Good solid test. No communication to SCV. Bleed off pressure.
13:25	18:30	5.08	TRPTBG	Pull up on string and shear packer @ 21000 daN. POOH racking TBG in derrick and lay down packer, swedge & tools. Makeup and RIH with test packer string and set Test packer CE @ 175 mKB Packer will not set. POOH and inspect packer. Packer appears to be in good condition. RIH and try to Set in New CSG @ 160 mKB Packer will not set.
				Continue in hole with 10 more joints = 26 Joints to 255 mKB with 2 m stick up. Packer set.
				Rig in pump lines and pump down CSG and pumped 100 liters and immediate communication noticed on SCV to 152 kPa. Shut down Test.

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	<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	m <sup>3</sup>	Cum	45 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	110.50 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	8	Company:	1
	Weather: Snow storm	Temp	-9 °C	Lease:	rough	Roads:	rough
Manager:	Dave Evans			Programmed By:	Ken Nikiforuk		

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike.Greenwood

Tel2:  
Tel1: (403) 318-7083

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>				DATE: <b>28-Feb-2015</b>
24 Hr Summary: <b>RIH with Prod CSG and sting into. Pressure test CSG</b>				END:	
Formation: <b>Sulpher Point</b>		Surf Loc: <b>M74601011715</b>		Licence: <b>2063</b>	Day #: <b>12</b>
Objective: <b>Repair failed casing</b>		Serv Rig Start: <b>17-Feb-2015</b>		Serv Rig End	
Operations at <b>6:00</b> : Install TBG head , RIH & retrieve Hydraulic Packer/swedge		AFE #: <b>15WRCCAM004</b>		AFE Estimate: <b>\$543,865.00</b>	
Daily Cost: <b>\$22,072</b>		Previous Cumulative Cost: <b>\$493,351</b>		Cum Cost: <b>\$515,423</b>	
Ground: <b>778.00</b>	m	KB To TH <b>3.80</b>	m	Open Hole: <b>mKB</b>	Date
KB to Grd: <b>4.60</b>	m	Tubing: <b>60.3</b>	mm	Bot at: <b>1406.44</b>	Perf Formation
TD (MD): <b>1,473.00</b>	m	Casing: <b>139.7</b>	mm	Set at: <b>1473</b>	Top
PBTD: <b>1,473.00</b>	m	Liner: <b></b>	mm	Top at: <b></b>	Base
BOP Drill:		BOP Press Test		Function Test: <b>yes</b>	
SITP:	kPa	SICP: <b>0</b>	kPa	SCV: <b>kPa</b>	H <sub>2</sub> S <b>%</b>

## Remarks:

Streamflo Ind. booked for 08:00 hrs Mar 1, 2015 for cutting Prod. CSG and setting slips and seals and install of TBG head.

Time From	Time To	Hours	Code	Comments
07:30	08:30	1	SAFE	Hold safety meeting identifying hazards and discuss the job to be completed. Issue safe work permit.
				Confirm with Head Office/ Fisherman on Tool makeup in High Level.. Tools on the road.
08:30	10:30	2	RIG	Rig in Total Depth power tongs, and handling equipment change out Rams on BOP's to 139.7 mm
				New CSG joints are longer than split joints. Pick up longest New joint and experiment. Tests good with no snags and room to get into derrick. Lay down on Catwalk.
10:30	12:00	1.5	WAIT	Wait on Tools. Tally New Casing joints, and CSG pup joints
				Tools arrive on location. Pickup tools in CSG pup joint and drift new CSG, RIH as follows
12:00	13:30	1.5	TRPTBG	1 - Casing Pup joint 139.7 mm x 20.83 kg/m c/w (inside) hydraulic set packer, 1 - 73 mm pup joint and a CSG swedge Drift OD - sticking out of pin end for a guide
				13 - Joints New CSG 139.7 mm / 20.83 kg/m
				Tag lightly (1000 daN) onto fish. With pipe wrenches, Rotate to the left and CSG dropped into fish top. Rotate to the right using pipe wrenches and it appears to be making up into collar.
				Using power tongs makeup connection and torqued in. Pull up on CSG to 4000 daN over New string weight. Good test.
13:30	14:30	1	CIRC	Install TIW valve into CSG. Rig in pump lines. Using Fresh water, rig pump to pump 100 liters down CSG and pressure up to 500 kPa, Communication was immediate to SCV recording 181 kPa and fluid to surface. Shut in test. Contact head office.
14:30	15:30	1	RIG	Rig out power tongs, and handling equipment and prepare for TBG head install in morning
			SDFN	Secure well and SDFN

Total: 8

## Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: <b>10<sup>3</sup>m<sup>3</sup>/d</b>	Cum: <b>0</b> <b>10<sup>3</sup>m<sup>3</sup></b>	Tubing volume: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Oil or Condensate	Daily: <b>m<sup>3</sup></b>	Cum: <b>0</b> <b>m<sup>3</sup></b>	Csg. ann vol: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Water:	Daily: <b>m<sup>3</sup></b>	Cum: <b>0</b> <b>m<sup>3</sup></b>	Open hole vol: <b>m<sup>3</sup></b>
	Time Swabbed/Flowed:	Daily: <b>0.00</b> hrs	Cum: <b>hrs</b>	Total: <b>0</b> <b>m<sup>3</sup></b>
Load Fluids	<input type="checkbox"/> OIL	Used <b>m<sup>3</sup></b>	Cum <b>0</b> <b>m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0</b> <b>m<sup>3</sup></b> To Rec <b>0</b> <b>m<sup>3</sup></b>
	<input type="checkbox"/> WATER	Used <b>m<sup>3</sup></b>	Cum <b>45</b> <b>m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0</b> <b>m<sup>3</sup></b> To Rec <b>45</b> <b>m<sup>3</sup></b>
	<input type="checkbox"/> OTHER	Used <b>m<sup>3</sup></b>	Cum <b>0</b> <b>m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0</b> <b>m<sup>3</sup></b> To Rec <b>0</b> <b>m<sup>3</sup></b>
Hours	Service Rig Hours	Daily <b>8.00</b> hrs	Cumulative <b>110.50</b> hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: <b>6</b>	Service:	Company: <b>1</b> Total Personnel: <b>7</b>
	Weather: <b>Overcast</b>	Temp <b>-6 °C</b>	Lease: <b>rough</b>	Roads: <b>rough</b>
Manager:	Dave Evans	Programmed By: Ken Nikiforuk		

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey/M.Greenwood

Tel2: (403) 318-7083

Tel1: (403) 596-8084

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>					DATE: <b>27-Feb-2015</b>	
24 Hr Summary: <b>Run camera to inspect casing and fish top</b>					END:		
Formation: <b>Sulpher Point</b>			Surf Loc: <b>M74601011715</b>		Licence: <b>2063</b>		Day #: <b>11</b>
Objective: <b>Repair failed casing</b>				Serv Rig Start: <b>17-Feb-2015</b>		Serv Rig End	
Operations at 6:00 : Makeup and RIH with swedge/broaching tool - Camera				AFE #: <b>15WRACM004</b>		AFE Estimate: <b>\$543,865.00</b>	
Daily Cost:	<b>\$48,435</b>		Previous Cumulative Cost:		<b>\$444,316</b>		Cum Cost: <b>\$492,751</b>
Ground: 778.00 m	KB To TH	3.80 m	Open Hole:	mKB	Date	Perf Formation	Top
KB to Grd: 4.60 m	Tubing: 60.3 mm	Bot at: 1406.44 m					Base
TD (MD): 1,473.00 m	Casing: 139.7 mm	Set at: 1473 m					
PBTD: 1,473.00 m	Liner: mm	Top at:	m				
BOP Drill:	BOP Press Test			Function Test: <b>yes</b>			
SITP: kPa	SICP: 0 kPa	SCV: kPa		H <sub>2</sub> S %			

Remarks:

Time From	Time To	Hours	Code	Comments
08:00	08:30	0.5	SAFE	Conduct pre job safety meeting and operational meeting. Discussed high wind chill factors, working with 3rd party services, good communication, rotating equipment, high pressure lines, suspended loads, fire triangle, driving for road conditions.
08:30	08:45	0.25	SHUT	Read and record SICP - 0 kpa, SISCVP - kpa.
08:45	11:30	2.75	RIG	Rig in FMC technologies to run in the hole with EV energy camera. Forward circulate 9 m <sup>3</sup> to flush tubing clean. Returning 8.75 m <sup>3</sup> Run in the hole and inspect fish top with camera. Pull out of the hole and lay down camera. Forward footage to head office
11:30	12:00	0.5	TRPTBG	Pull out of the hole with tubing. Order Swedging tool from Weatherford High Level. Consultant change out. Perform well turn over and breif with Mike Greenwood 403-318-7083
12:00	15:30	3.5	WAIT	Wait on Weatherford tools to arrive.
15:30	16:00	0.5	INACTIVE	Tools arrive on location. Tool is not right tool, dimensions not as requested. Contact Head office, order tools for overnight and morning delivery.
16:00	17:00	1	INACTIVE	Samples of split casing were cut and labeled with (Joint numbers - Top or bottom) for inspection
17:00	17:30	0.5	SDFN	Secure well and location and SDFN

Total: 9.5

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:	0.00 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>	Rec	m <sup>3</sup>
	<input type="checkbox"/> WATER	Used	m <sup>3</sup>	Cum	45 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	8.00 hrs	Cumulative	102.50 hrs	Downtime:	hrs
	Personnel on Location	Rig:	6	Service:	8	Company:	2
	Weather: Overcast	Temp	-16 °C	Lease:	rough	Roads: rough	
Manager:	Dave Evans	Programmed By: Ken Nikiforuk					

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:  
Tel1: (403) 596-8084

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>	DATE: <b>26-Feb-2015</b>
24 Hr Summary: <b>Wait on Camera technician</b>	END:	
Formation: Sulpher Point	Surf Loc: <b>M74601011715</b>	Licence: <b>2063</b> Day #: <b>10</b>
Objective: <b>Repair failed casing</b>	Serv Rig Start: <b>17-Feb-2015</b>	Serv Rig End
Operations at 6:00 : <b>Wait on camera Technician</b>	AFE #: <b>15WRCAM004</b>	AFE Estimate: <b>\$543,865.00</b>
Daily Cost: <b>\$24,945</b>	Previous Cumulative Cost: <b>\$413,646</b>	Cum Cost: <b>\$438,591</b>
Ground: <b>778.00</b> m	KB To TH <b>3.80</b> m	Open Hole: <b>mKB</b> Date Perf Formation Top Base
KB to Grd: <b>4.60</b> m	Tubing: <b>60.3</b> mm	Bot at: <b>1406.44</b> m
TD (MD): <b>1,473.00</b> m	Casing: <b>139.7</b> mm	Set at: <b>1473</b> m
PBTD: <b>1,473.00</b> m	Liner: <b>mm</b>	Top at: <b>m</b>
BOP Drill:	BOP Press Test: <b>yes</b>	Function Test: <b>yes</b>
SITP: <b>kPa</b>	SICP: <b>0</b> kPa	SCV: <b>4</b> kPa H <sub>2</sub> S %

Remarks:

Time From	Time To	Hours	Code	Comments
07:30	08:00	0.5	SAFE	Conduct pre job safety and operational meeting. Discussed our plans to carry forward, extreme temperatures, high pressure lines, fire triangle, purging lines and lubricators with N <sup>2</sup> , storage of compressed gas cylinders, suspended loads, slips trips and falls.
08:00	08:15	0.25	SHUT	Read and record SICP - 0 kpa, SISCVP - 5 kpa.
08:15	09:30	1.25	BOPS	Change over pipe rams from 139.7mm to 73mm. Pressure test to 2500 kpa for 10 minutes. Good. Change over handling equipment. Rig in power tongs.
09:30	10:30	1	TRPTBG	Run in the hole as follows 1-73mm collar 0.13m 1-73mm x 3m J-55 pup joint 3.09m 16- Joints of 73mm J-55 tubing 154.64m 1-73mm x 3m J-55 pup joint 3.09m 1-Joint of 73mm J-55 tubing 9.68 m Land tubing bottom at 170.85 mkb. Secure well.
10:30	11:30	1	SDFN	Drain pump and lines. SDFN.
11:30	15:30	4	INACTIVE	Perform any maintenance that needs to be done. Rig on crew retention.
Total: 8				

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: <b>10<sup>3</sup>m<sup>3</sup>/d</b>	Cum: <b>0</b> <sup>10<sup>3</sup>m<sup>3</sup></sup>	Tubing volume: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Oil or Condensate:	Daily: <b>m<sup>3</sup></b>	Cum: <b>0</b> <sup>m<sup>3</sup></sup>	Csg. ann vol: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Water:	Daily: <b>m<sup>3</sup></b>	Cum: <b>0</b> <sup>m<sup>3</sup></sup>	Open hole vol: <b>m<sup>3</sup></b>
	Time Swabbed/Flowed:	Daily: <b>0.00</b> hrs	Cum: <b>hrs</b>	Total: <b>0</b> <sup>m<sup>3</sup></sup>
Load Fluids	Reset <input type="checkbox"/> OIL	Used <b>m<sup>3</sup></b>	Cum <b>0</b> <sup>m<sup>3</sup></sup>	Rec <b>m<sup>3</sup></b> Cum <b>0</b> <sup>m<sup>3</sup> To Rec <b>0</b> <sup>m<sup>3</sup></sup></sup>
	Cums <input type="checkbox"/> WATER	Used <b>0.5</b> <sup>m<sup>3</sup></sup>	Cum <b>45</b> <sup>m<sup>3</sup></sup>	Rec <b>m<sup>3</sup></b> Cum <b>0</b> <sup>m<sup>3</sup> To Rec <b>45</b> <sup>m<sup>3</sup></sup></sup>
	<input type="checkbox"/> OTHER	Used <b>m<sup>3</sup></b>	Cum <b>0</b> <sup>m<sup>3</sup></sup>	Rec <b>m<sup>3</sup></b> Cum <b>0</b> <sup>m<sup>3</sup> To Rec <b>0</b> <sup>m<sup>3</sup></sup></sup>
Hours	Service Rig Hours	Daily <b>4.00</b> hrs	Cumulative <b>94.50</b> hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: <b>6</b>	Service: <b>7</b>	Company: <b>1</b> Total Personnel: <b>14</b>
	Weather: Overcast	Temp <b>-19</b> °C	Lease: <b>rough</b>	Roads: <b>rough</b>

Manager: **Dave Evans** Programmed By: **Ken Nikiforuk**

Operator: Strategic Oil &amp; Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:

Tel1: (403) 596-8084

UWI: <b>300M746010117150</b>	WELL: <b>Strategic et al Cameron M-74</b>				DATE: <b>25-Feb-2015</b>			
24 Hr Summary: <b>Install and PT BOP's, Back off casing, Pull and laydown casing</b>				END:				
Formation: <b>Sulpher Point</b>			Surf Loc: <b>M74601011715</b>			Licence: <b>2063</b>		Day #: <b>9</b>
Objective: <b>Repair failed casing</b>				Serv Rig Start: <b>17-Feb-2015</b>				Serv Rig End
Operations at <b>6:00</b> : Install and PT BOP's, back off casing, Pull casing				AFE #: <b>15WRCAM004</b>		AFE Estimate: <b>\$543,865.00</b>		
Daily Cost: <b>\$35,948</b>		Previous Cumulative Cost: <b>\$377,698</b>				Cum Cost: <b>\$413,646</b>		
Ground: <b>778.00</b>	m	KB To TH	<b>3.80</b>	m	Open Hole:	mKB	Date	Perf Formation
KB to Grd: <b>4.60</b>	m	Tubing:	<b>60.3</b>	mm	Bot at:	<b>1406.44</b>	m	Top
TD (MD): <b>1,473.00</b>	m	Casing:	<b>139.7</b>	mm	Set at:	<b>1473</b>	m	Base
PBTD: <b>1,473.00</b>	m	Liner:		mm	Top at:		m	
BOP Drill:		BOP Press Test: <b>yes</b>			Function Test: <b>yes</b>			
SITP:	kPa	SICP:	<b>0</b>	kPa	SCV:	<b>8</b>	kPa	H <sub>2</sub> S %

## Remarks:

Cold temperatures this morning making for slow operations. OROGO, AER, WSCC on location for full inspection of Documentation and certifications.

Time From	Time To	Hours	Code	Comments
07:30	08:00	0.5	SAFE	Conduct pre job safety and operational meeting with all personnel on location discussed working with 3rd party services, rotating equipment, suspended loads, driving for the conditions, rules of the road, high pressure lines, working in extreme temperatures.
08:00	08:15	0.25	SHUT	Read and reord SICP - 0 kpa, SISCVP - 8 kpa.
08:15	11:00	2.75	BOPS	Warm BOP's and pump lines. Change over pipe rams to 139.7mm. Function test BOP's and do accumulator check. Stump test pipe rams to 1.4 mpa and 21 mpa for 10 minutes each. Stump test annular bag to 1.4 and 7 mpa for 10 minutes each. Stump test blind rams to 21 mpa for 10 minutes. Remove tubing head and install crossover flange and BOP's. Pressure test Blind rams and ring gaskets to 2500 kpa had a small leak on SCV valve. Remove from service and instal a new ball valve. Pressure test ring gasket to 2500 kpa for 10 mintes. Rig in work floor and casing tongs.
11:00	14:00	3	INACTIVE	OROGO, AER, WSCC inspection team arrived to do a rig and certification inspection for BOP's and accumulator and documentation of certs and safety efforts on location.
14:00	14:15	0.25	SAFE	Conduct operational and safety meeting in regards to backing off casing, identifying the possible hazards.

Total: 13

## Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: <b>10<sup>3</sup>m<sup>3</sup>/d</b>	Cum: <b>0 10<sup>3</sup>m<sup>3</sup></b>	Tubing volume: <b>m<sup>3</sup></b>
	Reset <input type="checkbox"/> Cums	Daily: <b>m<sup>3</sup></b>	Cum: <b>0 m<sup>3</sup></b>	Csg. ann vol: <b>m<sup>3</sup></b>
	<input type="checkbox"/> Water:	Daily: <b>m<sup>3</sup></b>	Cum: <b>0 m<sup>3</sup></b>	Open hole vol: <b>m<sup>3</sup></b>
	Time Swabbed/Flowed:		Daily: <b>0.00 hrs</b>	Cum: <b>hrs</b> Total: <b>0 m<sup>3</sup></b>
Load Fluids	Reset <input type="checkbox"/> Cums	Used <b>m<sup>3</sup></b>	Cum <b>0 m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0 m<sup>3</sup></b> To Rec <b>0 m<sup>3</sup></b>
	<input type="checkbox"/> WATER	Used <b>m<sup>3</sup></b>	Cum <b>42.5 m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0 m<sup>3</sup></b> To Rec <b>42.5 m<sup>3</sup></b>
	<input type="checkbox"/> OTHER	Used <b>m<sup>3</sup></b>	Cum <b>0 m<sup>3</sup></b>	Rec <b>m<sup>3</sup></b> Cum <b>0 m<sup>3</sup></b> To Rec <b>0 m<sup>3</sup></b>
Hours	Service Rig Hours		Daily <b>13.00 hrs</b>	Cumulative <b>90.50 hrs</b>
	Personnel on Location		Rig: <b>6</b>	Service: <b>9</b>
	Weather: <b>Sunny/windy</b>		Temp <b>-34 °C</b>	Lease: <b>rough</b>
Manager: <b>Dave Evans</b>	Programmed By: <b>Ken Nikiforuk</b>			



## **Daily Workover Report**

Tel2:

Consultant: Jack Harvey

Tel1: (403) 596-8084



## **Daily Workover Report**

**Operator: Strategic Oil & Gas Ltd.**

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:  
Tel1: (403) 596-8084

UWI: 300M746010117150	WELL: Strategic et al Cameron M-74						DATE: 24-Feb-2015				
24 Hr Summary: Remove tubing head, slips and seals,						END:					
Formation: Sulpher Point			Surf Loc: M74601011715				Licence: 2063		Day #: 8		
Objective: Repair failed casing				Serv Rig Start: 17-Feb-2015			Serv Rig End				
Operations at 6:00: Remove tbg head, slips and seals,				AFE #: 15WRCAM004			AFE Estimate: \$543,865.00				
Daily Cost: \$76,099		Previous Cumulative Cost:				\$300,919	Cum Cost: \$377,018				
Ground:	778.00	m	KB To TH	3.80	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.60	m	Tubing:	60.3	mm	Bot at:	1406.44	m			
TD (MD):	1,473.00	m	Casing:	139.7	mm	Set at:	1473	m			
PBTD:	1,473.00	m	Liner:		mm	Top at:		m			
BOP Drill:	yes		BOP Press Test:	yes		Function Test:	yes				
SITP:	kPa	SICP:	0	kPa	SCV:	5	kPa	H <sub>2</sub> S	%		

**Remarks:**

Note: Rental BOP's showed up un-assembled, or pressure tested. Returned to supplier.

Total: 8

#### 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: 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>
Hours	Service Rig Hours Personnel on Location Weather: Sunny/windy	Daily 8.00 hrs Rig: 6 Temp: -18 °C	Cumulative 69.50 hrs Service: 14 Lease: rough	DownTime: hrs Company: 1	Cumulative DownTime: hrs Total Personnel: 21 Roads: rough	
Manager:	Dave Evans	Programmed By: Ken Nikiforuk				

Version 1172

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