

Strategic Oil & Gas Ltd.
Final Well Operations Report
Strategic et al Cameron C-74

Well ID – 1939

300/C74601011715/0

Feb 4, 2019 : MIRU Global #9. Performed SCVF test for 15 minutes. No bubbles. Bled off gas head (0.032 e3m3 in 30 minutes). Rods appear to be parted. Pump 18.0 m3 fresh water down casing

Feb 5, 2019 : Bled off gas head (1.716 e3m3 in 60 minutes). Pump 203 m3 fresh water down tubing. Pressure up to 5000 kPa. Unseated BHP and pumped 4.0 m3 fresh water down tubing. Pull and lay down BHP and rods. Pump 24.0 m3 fresh water down casing. Pumped 6.0 m3 fresh water down tubing.

Feb 6, 2019 : Bled off casing (gas volume = TSTM). Pumped 24.0 m3 fresh water down casing. Pumped 6.0 m3 fresh water down tubing. Installed and pressure tested BOP's. Unset anchor. Pull and lay down tubing. Inspect on the way out of the hole (yellow – 136, blue – 7, green – 6 and red – 0). RIH with 177.8 mm 10K permanent bridge plug. Landed BP at 1410.0 mKB. Filled tubing with 4.2 m3 fresh water and pressured up to 12000 kPa to set bridge plug. Pumped 26.0 m3 fresh water down casing. Casing would not fill up.

Feb 7, 2019 : Came off of bridge plug and POOH. RIH with test packer and set at 1395.0 mKB. Fill up casing with 14.0 m3 fresh water. Tested casing to 7000 kPa for ten minutes. Solid test. Unset packer and RIH to 1430.0 mKB (bridge plug from Feb 6, 2019 was not there). Set packer. Filled casing with 12.0 m3 fresh water. Pressure tested casing to 7000 kPa for 10 minutes. Solid test. POOH with 100 joints tubing and SDFN.

Feb 8, 2019 : POOH with 47 joints and lay down packer. RIH with 177.8 mm 10K permanent bridge plug. Landed BP at 1408.0 mKB. Filled tubing with 4.2 m3 fresh water and pressured up to 15000 kPa to set bridge plug. Bridge plug would not set. RIH with 20 joints. Land bridge plug at 1600.0 mKB and rotated off bridge plug. Pumped 5.0 m3 fresh water down tubing to ensure bridge plug was gone. POOH with tubing.

Feb 9, 2019 : MIRU Spectrum Wireline. RIH with 177.8 mm permanent bridge plug. Set plug at 1408.0 mKB. Filled casing with 16.0 m3 fresh water. Pressure tested to 7000 kPa for 10 minutes. Solid test. RIH with 73.0 mm tubing and tagged BP at 1408.0 mKB. Mixed 0.5 m3 of 1900 kg/m3 cement. Circulated down tubing followed by 4.0 m3 fresh water. Pulled up three joints and reverse circulated 5.0 m3 fresh water. No cement in returns. Cement top at 1383.7 mKB. Pulled 10 joints tubing and SDFN.

Feb 10, 2019 : RIH with 10 joints tubing. Circulated the hole over with 26.0 m3 inhibited fresh water (0.5% CRW-132). Pulled and laid down tubing. Remove BOP's and install wellhead. Topped up casing with 1.0 m3 50/50 inhibited methanol water. Rig out.

Feb 11, 2019 : Inject 1000 liters of methanol and wax solvent into pig sender. Performed three cleaning pig runs with air. Performed batch run with 90 liters of inhibitor (1 part CRO9809 and 2 parts diesel). Installed spec blind on pipeline at C-74. Flare volume was 0.015 e3m3 in 24 minutes.

Ken Miller
Mar 15, 2019

WELL TERMINATION RECORD

INSTRUCTIONS:

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

WELL INFORMATION

Well Name	Strategic et al Cameron C-74	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Global Well Servicing Rig 9
Well Identifier	1939	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 013	Approval to Alter Condition of Well	ACW - 2018-004

LOCATION INFORMATION

Coordinates Datum: NAD27 (if Other, please specify _____)

Surface	Lat 60° 3' 13"	Long 117° 29' 27"
Bottom Hole	Lat 60° 3' 13"	Long 117° 29' 27"

Region: Dehcho Unit C Section 74 Grid 60-10 117-15

ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	779.0 m	Ground Level / Seafloor	774.6 m
Spud/Re-entry Date	Feb 4, 2019 days	Total Depth	1625.0 m KB
Rig Release Date	Feb 10, 2019	Total Vertical Depth	1625.0 m KB

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m ³)	
244.5	53.57	J-55	429.9	35.0 tonnes	
177.8	34.23	J-55	1625.0	30.5 tonnes	

PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
Bridge	1383.7-1408.0	No	1408.0	0.5
Select	-	Select		
Select	-	Select		
Select	-	Select		

PERFORATION

Interval (m KB)	Comments
1421.0-1426.0	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

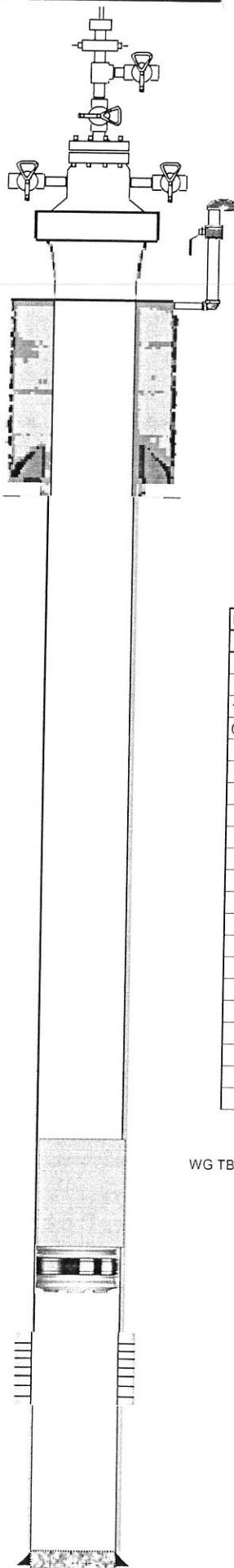


Responsible Officer of Company

Date

March 15, 2019

OROGO use onlyUnique Well Identifier 30 / - / - /
(eg. 300 / A01 60-00 120-00 / 0)



WELL LICENCE # 1939
UWI# 300/C74601011715/0

Downhole Well Profile

Well Name / location: Strategic et al Cameron C-74

KB ELEV:	779.00 m	KB to CF:		m		
GL ELEV:	774.65 m	KB to THF:		m		
CF ELEV:	m					
TD:	1625.00 mKB	PBTD:		mKB Logger		
TVD:	1625 mKB	PBTD:	1383.70	mKB driller		
<u>TUBULARS</u>	<u>SIZE</u>	<u>WEIGHT</u>		<u>DEPTH</u>		
	(mm)	(kg/m)	COUPLING	GRADE	THREAD	(mKB)
SURFACE:	244.5	53.57		J-55	ST&C	429.9
DUCTION:	177.8	34.23		J-55	LT&C	1625
TUBING						

ZONE:	Sulphur Point	1421.0 to 1426.0 mKB
ZONE:		
ZONE:		

JOINTS ON LOCATION
JOINTS IN WELL

1383.7

SC BOWL

WG TRG SPOOL :

TUBING HANGER

FLOW TEE TOP CONN LIET THREAD:

WELL HEAD TYPE "FLANGED or THREADED"

coe at 1408.0

1421.0

1426.0

Make (or Model)	SIZE	Wk. Press. (psi)	SERIAL NUMBER
Tbg Bonnet :			
Ratigan :			
WING VALVE :			
CASING VALVES :			
CASING VALVES :			

SURFACE CSG. VENT: PASS

OPEN/CLOSED Open

BURST PLATE RATING: kpsi

REMARKS:

Wellbore filled with inhibited fresh water (0.5% CRW-132)

REPORT BY:



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Kurt Hewitt

Tel2

Tel1: (780) 830-8303

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74				DATE: 11-Feb-2019					
24 Hr Summary:				END: 11-Feb-2019						
Formation: Sulphur Point		Surf Loc: C-74 60-10N 117-15W		Licence: 1939		Day #: 8				
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 04-Feb-2019		Serv Rig End 10-Feb-2019				
Operations at 6:00:		AFE #: 19ABCAM007		AFE Estimate: \$176,492.00						
Daily Cost: \$8,881		Previous Cumulative Cost: \$171,195		Cum Cost: \$180,076						
Ground:	774.60	m	KB To TH	3.80	m	Open Hole: mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.40	m	Tubing:	73	mm	Bot at: m				
TD (MD):	1,625.00	m	Casing:	177.8	mm	Set at: 1625 m				
PBTD:	1,607.80	m	Liner:		mm	Top at: m				
BOP Drill:		BOP Press Test:			Function Test: yes					
SITP:	0	kPa	SICP:	0	kPa	SCV: kPa H ₂ S %				

Remarks:

Total: 10.5

Equipment on Location:



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Te|2:

Tel1: (780) 841-8106

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74				DATE: 10-Feb-2019					
24 Hr Summary: Circulated well to inhibited water, laid down tbg, installed wellhead, rigged				END: 11-Feb-2019						
Formation: Sulphur Point		Surf Loc: C-74 60-10N 117-15W			Licence: 1939					
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 04-Feb-2019		Serv Rig End 10-Feb-2019				
Operations at 6:00: Move to L-40.			AFE #: 19ABCAM007		AFE Estimate: \$176,492.00					
Daily Cost:	\$32,929	Previous Cumulative Cost:			\$138,266	Cum Cost: \$171,195				
Ground:	774.60	m	KB To TH	3.80	m	Open Hole: mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.40	m	Tubing:	73	mm	Bot at: m				
TD (MD):	1,625.00	m	Casing:	177.8	mm	Set at: 1625 m				
PBTD:	1,607.80	m	Liner:		mm	Top at: m				
BOP Drill:		BOP Press Test:			Function Test: yes					
SITP:	0	kPa	SICP:	0	kPa	SCV: kPa	H ₂ S %			

Remarks:

Total: 10.5

Equipment on Location:

1000 J. Neurosci., November 1, 2006 • 26(44):9992–10003

1000 J. POLYMER SCIENCE: PART A



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel: (780) 841-8106

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74				DATE: 09-Feb-2019						
24 Hr Summary: Set PBP on wireline at 1408 mKB, RIH, circ 0.5 m3 cement on BP, pulled 3 jt				END: 11-Feb-2019							
Formation: Sulphur Point		Surf Loc: C-74 60-10N 117-15W		Licence: 1939 Day #: 6							
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 04-Feb-2019 Serv Rig End 10-Feb-2019							
Operations at 6:00: RIH 10 jts, circulate to inhibited water.		AFE #: 19ABCAM007		AFE Estimate: \$176,492.00							
Daily Cost:	\$21,926	Previous Cumulative Cost:		\$116,340 Cum Cost: \$138,266							
Ground:	774.60	m	KB To TH	3.80	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.40	m	Tubing:	73	mm	Bot at:	m				
TD (MD):	1,625.00	m	Casing:	177.8	mm	Set at:	1625	m			
PBTD:	1,607.80	m	Liner:		mm	Top at:	m				
BOP Drill:			BOP Press Test:			Function Test:	yes				
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 1.716 10 ³ m ³		Tubing volume: m ³		
	Reset <input type="checkbox"/> Cums	Oil or Condensate:		Daily: m ³		Cum: 0 m ³		
	<input type="checkbox"/> Water:	Daily: m ³		Cum: 0 m ³		Open hole vol: m ³		
	Time Swabbed/Flowed:		Daily: 0.00 hrs	Cum: hrs		Total: 0 m ³		
Load Fluids	Reset <input type="checkbox"/> Cums	OIL	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³	
	<input type="checkbox"/> OTHER	WATER	Used 32 m ³	Cum 158.4 m ³	Rec m ³	Cum 0 m ³	To Rec 158.4 m ³	
			Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³	
Hours	Service Rig Hours		Daily 12.00 hrs	Cumulative 73.00 hrs	DownTime: hrs		Cumulative DownTime: hrs	
	Personnel on Location		Rig: 6	Service: 5	Company: 1	Total Personnel: 12		
	Weather: Clear/Wind		Temp -29 °C	Lease: Good	Roads: Good			
Manager:			Programmed By:					

THE JOURNAL OF CLIMATE

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**CASING COLLAR LOG
BRIDGE PLUG RECORD**

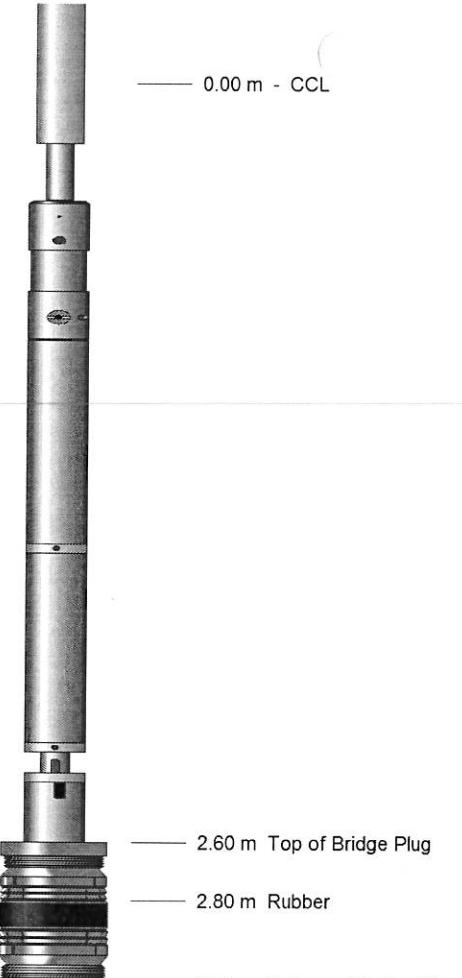
File No:	Company STRATEGIC OIL & GAS LTD.				
LSD.	Well	STARTEGIC EL AL CAMERON C-74			
SEC.	Field	CAMERON HILLS			
TWP.	Province	N.W.T	Country	CANADA	
RGE.	Log Meas. From	UWI. 300C746010117150	License	1939	Other Services:
WEST	LSD.	SEC.	TWP.	RGE	W.
Permanent Datum	GROUND LEVEL		Elevation		
Run No	ONE		Density	Shots	From To
Type Log	CASING COLLAR LOG				
Depth Driller (OH)	1625.0				
Depth Driller (CH)	1629.0 mKB				
Depth Logged (PBTD)	NO TAG				
Bottom Log Interval	1410.0				
T _g Interval	1375.0				
Fluid Type	H2O				
Wellhead Pressure (kPa)	NONE				
Max. Temp. (°C)	UNKNOWN	Carrier Size	mm	Carrier Type	
Truck # / Location	#614 PEACE RIVER	Charge Size	gr	Change Type	
Recorded By	JAMIE KINNEY	Penetration	mm	Entry Hole	mm
Witnessed By	SHANE STAHL	Phasing			
Casing Record	Size (mm)	Weight (Kg/m)	Top	Bottom	
Surface Casing	244.5	53.57	SURFACE	429.0 mKB	
Production Casing	177.8	34.23	SURFACE	1625.0 mKB	

	Size (mm)	Type	Model	Depth
Bridge Plug	177.8	CANADIAN PLUG	10 K	1408
Cement Retainer				
Packer				
Invoice #	614-190209-1			
Reference Literature	COMPUTALOGS BONDLOG DATED: MARCH 24, 2002			
Remarks: HEAVY WAX IN CASING . SLOWED DOWN BRIDGE PLUG RUNNING TAG @ 810.0 mKB SLOWLY WENT THOUGH .				

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents, or employees. These interpretations are also subject to our general terms and conditions as set out in our current price schedule.

Setting Tool Configuration

Serial #: SPECTRUM
Length: 0.80 m Max Diameter: 79.38



Setting Tool

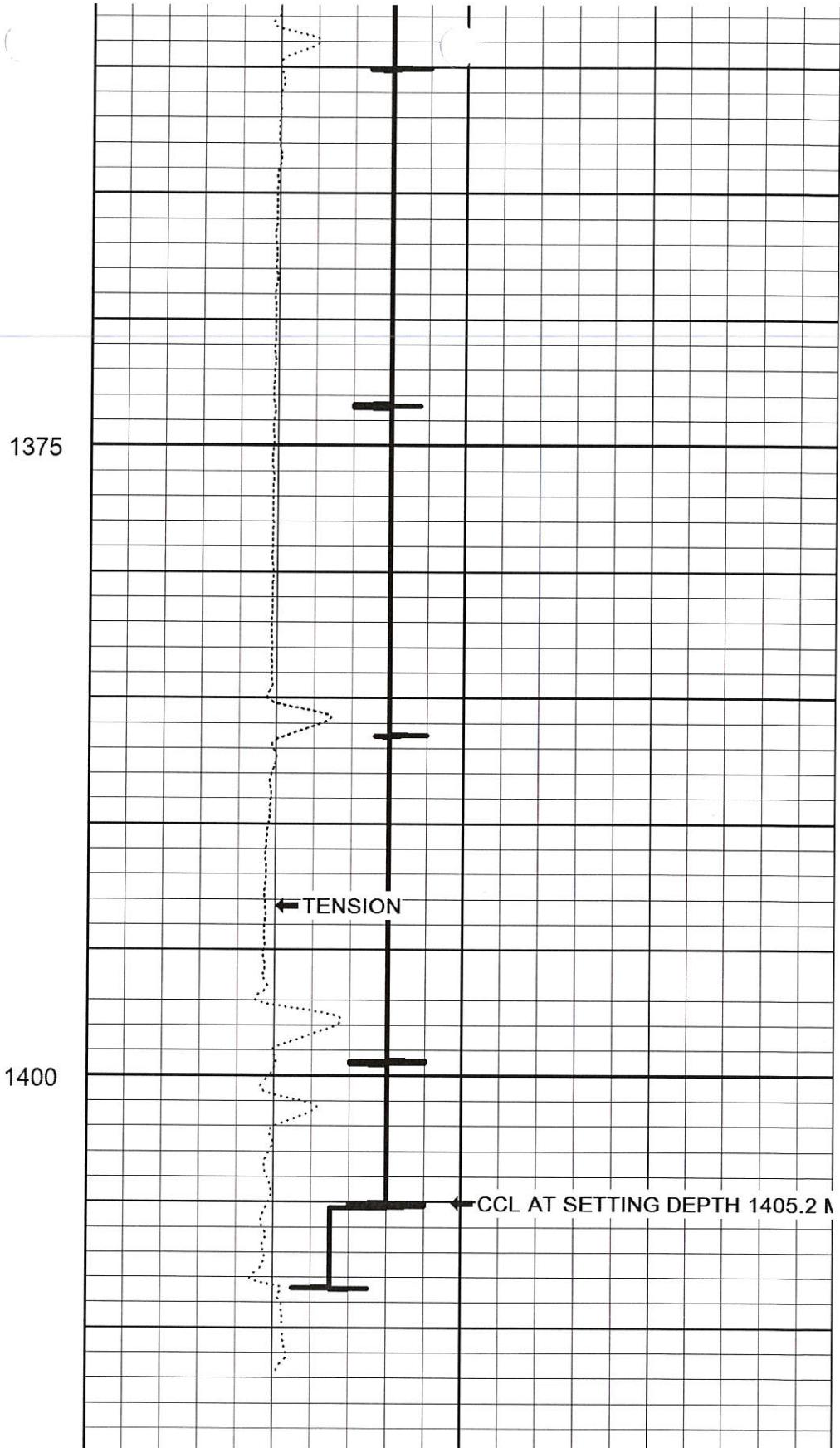
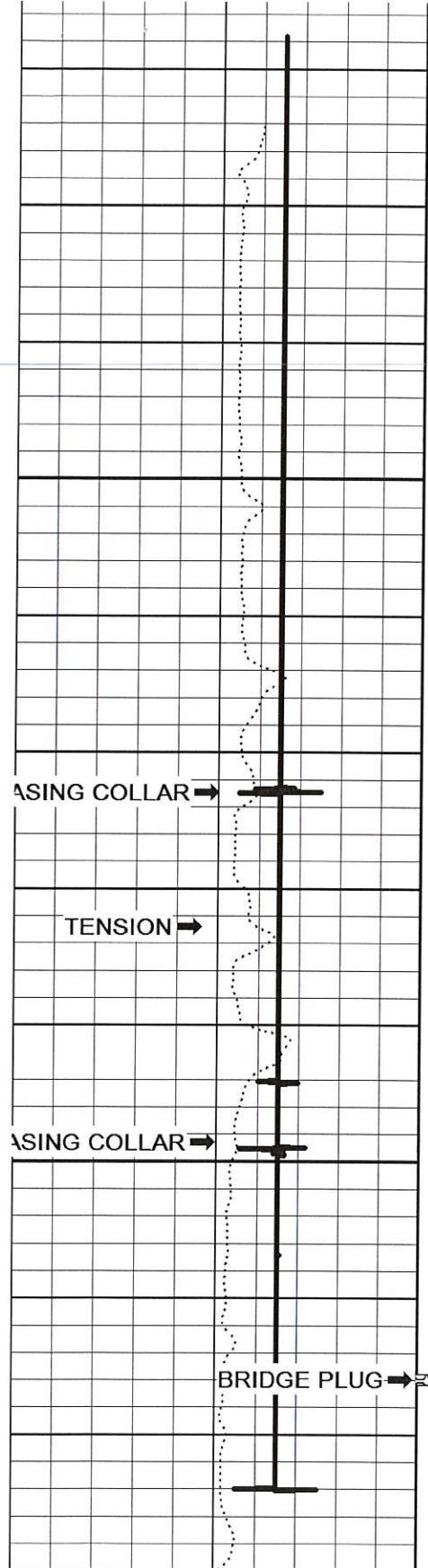
Serial #: BAKER # 20 TOOL
Length: 2.20 m Max Diameter: 102.00 mm

Bridge Plug

Serial #: CANADIAN PLUG
Length: 0.50 m Max Diameter: 177.80 mm

SETTING RECORD FOR BRIDGE PLUG

2016-01-25 11:55 CCL_U4	METERS 1:240	CCL_U5 0.0 100.0 Tension_U5 (lbF)
0.0 100.0 Tension_U4 (lbF)		0.00 3000.00
0.00 3000.00 Pass No. 4	1340.6	File MERGE.pre
		Rev. 2014.05.14
	1350	



2016-01-25 11:55

CCL_U4

0.0	100.0
Tension_U4 (lbF)	3000.00
0.00	

Pass No. 4

1415.1

CCL_U5

0.0	100.0
.....
0.00	3000.00

METERS
1:240

File MERGE.pre

Rev. 2014.05.14

Trace Summary

Name	Units	Track	Chart Left	Chart Right	Channel	Gain	Shift	Filter	Coeff	Depth Offset(m)	Time Sample
CCL_U4		1	0	100	3	68	65	LogReduction	2	0	
Tension_U4	lbF	1	0	3000		1	0	Butterworth	1.2	3	
CCL_U5		2	0	100	3	68	65	LogReduction	2	0	
Tension_U5	lbF	2	0	3000		1	0	Butterworth	1.2	3	



Company STRATEGIC OIL & GAS LTD.

Well STRATEGIC EL AL CAMERON C-74

Field CAMERON HILLS

Province N.W.T

LSD. **SEC.** **TWP.** **RGE.** **W.**



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74					DATE: 08-Feb-2019		
24 Hr Summary: POOH with packer, RIH with PBP, would not set, rotated off BP, POOH.					END: 11-Feb-2019			
Formation: Sulphur Point			Surf Loc: C-74 60-10N 117-15W			Licence: 1939		Day #: 5
Objective: Abandon Sulphur Point Zone			Abandonment Type: Downhole			Serv Rig Start: 04-Feb-2019		Serv Rig End 10-Feb-2019
Operations at 6:00: Wireline set BP, test to 7 MPA.					AFE #: 19ABCAM007		AFE Estimate: \$176,492.00	
Daily Cost:	\$17,768		Previous Cumulative Cost:			\$98,572	Cum Cost: \$116,340	
Ground:	774.60	m	KB To TH	3.80	m	Open Hole:	mKB	Date
KB to Grd:	4.40	m	Tubing:	73	mm	Bot at:	m	Perf Formation
TD (MD):	1,625.00	m	Casing:	177.8	mm	Set at:	1625	Top
PBTD:	1,607.80	m	Liner:		mm	Top at:	m	Base
BOP Drill:		BOP Press Test:			Function Test: yes			
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S %

Remarks:

Total: 12

Equipment on Location:

Manager:

Programmed By:



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74					DATE: 07-Feb-2019					
24 Hr Summary: POOH, RIH with packer, tested csg from 1410 to surface to 7 MPA, plug was					END: 11-Feb-2019						
Formation: Sulphur Point			Surf Loc: C-74 60-10N 117-15W			Licence: 1939		Day #: 4			
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 04-Feb-2019		Serv Rig End 10-Feb-2019					
Operations at 6:00: POOH, RIH with PBP.				AFE #: 19ABCAM007		AFE Estimate: \$176,492.00					
Daily Cost:		\$21,614	Previous Cumulative Cost:			\$76,958	Cum Cost:				
Ground:	774.60	m	KB To TH	3.80	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.40	m	Tubing:	73	mm	Bot at:	m				
TD (MD):	1,625.00	m	Casing:	177.8	mm	Set at:	1625	m			
PBTD:	1,607.80	m	Liner:		mm	Top at:	m				
BOP Drill:		BOP Press Test:			Function Test: yes						
SITP:	0	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 1.716 10 ³ m ³		Tubing volume: m ³	
	Reset <input type="checkbox"/> Cums	<input type="checkbox"/> Oil or Condensate:		Daily: m ³	Cum: 0 m ³		Csg. ann vol: m ³
	<input type="checkbox"/> Water:	Daily: m ³		Cum: 0 m ³		Open hole vol: m ³	
	Time Swabbed/Flowed:		Daily: 0.00 hrs	Cum: hrs		Total: 0 m ³	
Load Fluids	Reset <input type="checkbox"/> OIL	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³	
	Cums <input type="checkbox"/> WATER	Used 26 m ³	Cum 122.2 m ³	Rec m ³	Cum 0 m ³	To Rec 122.2 m ³	
	<input type="checkbox"/> OTHER	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³	
Hours	Service Rig Hours		Daily 12.00 hrs	Cumulative 49.00 hrs	DownTime: hrs	Cumulative DownTime: hrs	
	Personnel on Location		Rig: 8	Service: 5	Company: 1	Total Personnel: 14	
	Weather: Clear		Temp -40 °C	Lease: Good		Roads: Good	
Manager:				Programmed By:			

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74				DATE: 06-Feb-2019
24 Hr Summary: Killed well, installed and tested BOPs, POOH, RIH with PBP, set at 1410 mK				END: 11-Feb-2019	
Formation: Sulphur Point		Surf Loc: C-74 60-10N 117-15W		Licence: 1939	Day #: 3
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole	Serv Rig Start: 04-Feb-2019	Serv Rig End 10-Feb-2019	
Operations at 6:00: POOH, RIH with test packer.		AFE #: 19ABCAM007	AFE Estimate: \$176,492.00		
Daily Cost:	\$21,172	Previous Cumulative Cost:	\$55,786	Cum Cost:	\$76,958
Ground:	774.60 m	KB To TH	3.80 m	Open Hole:	mKB
KB to Grd:	4.40 m	Tubing:	73 mm	Bot at:	1432 m
TD (MD):	1,625.00 m	Casing:	177.8 mm	Set at:	1625 m
PBTD:	1,607.80 m	Liner:	mm	Top at:	m
BOP Drill:	yes	BOP Press Test:	yes	Function Test:	yes
SITP:	0 kPa	SICP:	282 kPa	SCV:	kPa H ₂ S %

Remarks:

Run packer in the morning to test BP or look for leak.

Time From	Time To	Hours	Code	Comments
07:00	07:30	0.5	SAFE	Conducted crew safety and operations meeting. Swept lease for LEL's and H ₂ S. Function tested crown saver, air kills, blind rams, 73.0mm pipe rams and annular.
07:30	09:30	2	KILL	Bled off csg gas, pumped 24.0 m ³ fresh water down csg. Gas volume was TSTM.
				Pumped 6.0 m ³ down tbg.
09:30	11:30	2	BOPS	Removed wellhead and installed landing pup c/w safety valve. Picked up on tbg, installed 0.60m pup below tbg hanger. Tbg was in 5,000 daN tension, landed tbg hanger, tbg landed in 5,000 daN compression.
				Installed BOPs, tested ring gasket and 73.0mm pipe rams to 1.4 and 21.0 MPa for 10 mins each.
				Rigged up working floor.
11:30	14:30	3	TRPTBG	Unset anchor, removed tbg hanger.
				Rigged up tbg inspector. POOH with tbg as per program. Conducted blowout drill, 51 seconds to shut in. 136 - yellow, 7 - blue, 6 - green, 0 - red.
14:30	17:30	3	TRPTBG	Made up, tallied and RIH with 177.8mm hydraulic set PBP, setting tool, MCL and 147 - jts 73.0mm tbg. Located csg collars at 1386.40 & 1399.50 mKB. Negative 2.35m correction. Landed BP CE at 1410.0 mKB corrected depth.
17:30	20:00	2.5	PTST	Filled tbg with 4.20 m ³ fresh water, pressured up to 12.0 MPa and set PBP. Pulled 15,000 daN into BP to pack off elements.
				Pumped 26.0 m ³ water down csg, csg would not fill up.
				Secured well, drained pump and lines, SDFN.

Total: 13

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	1.716 10 ³ m ³	Tubing volume:	m ³
	Reset <input type="checkbox"/> Cums	<input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum: 0 m ³	Csg. ann vol:	m ³
		<input type="checkbox"/> Water:	Daily:	m ³	Cum: 0 m ³	Open hole vol:	m ³
		Time Swabbed/Flowed:	Daily:	0.00 hrs	Cum: hrs	Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> Cums	OIL	Used	m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³ To Rec 0 m ³
		WATER	Used	60.2 m ³	Cum 96.2 m ³	Rec m ³	Cum 0 m ³ To Rec 96.2 m ³
		OTHER	Used	m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³ To Rec 0 m ³
Hours	Service Rig Hours	Daily	13.00 hrs	Cumulative	37.00 hrs	DownTime: hrs	Cumulative DownTime: hrs
	Personnel on Location	Rig:	6	Service:	6	Company: 1	Total Personnel: 13
	Weather: Clear	Temp	-40 °C	Lease:	Good		Roads: Good
Manager:	Programmed By:						



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

Field Ticket	P93012
Contact	Chad Rookes
Phone	(780)512-5009

Customer Information

Company Name	Strategic Oil & Gas Ltd	Date	February 06, 2019
Surface Location	C74/60 10' N 117 15' W	AFE No.	
UWI	C74/60 10' N 117 15' W	Contract	
Rig Name & #	Global # 9	Co. Rep	
Area	Steen River	Code #	Shayne Stahl

Wellhead Tubing Inspection

Qty	Description	Unit Price	Total
149	Joints of 60.3mm, 6.99Kg, J55, EUE Tubing Inspected	\$ 15.00	\$ 2,235.00
400	Joints of 60.3mm, 6.99Kg, J55, EUE Tubing Inspected	\$ 1.50	\$ 600.00
		Sub Total	\$ 2,835.00
		10% Discount	\$ -283.50
		New Sub Total	\$ 2,551.50
		GST	\$ 127.58
		Total	\$ 2,679.08

Ultra Sonic Measurements		
Jt #	Wall Min	Wall Max
1	0.218	0.222
52	0.217	0.224
102	0.214	0.226

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

0-15%	Yellow	136
16-30%	Blue	7
31-50%	Green	6
51+%	Red	0
Total		149

Order of Tubing Pulled	
146	73mm Eue J55 Tubing
1	Anchor
2	73mm Eue J55 Tubing
1	Pump Seating Nipple
1	3m Perforated Pup
1	73mm Eue J55 Tubing

Notes	Time Requested	10:00 AM	Inspection Start Time	12:05 PM
Pitting throughout most of the well but most of the tubing remained yellow band.				

Inspector _____ Cyril Gorman

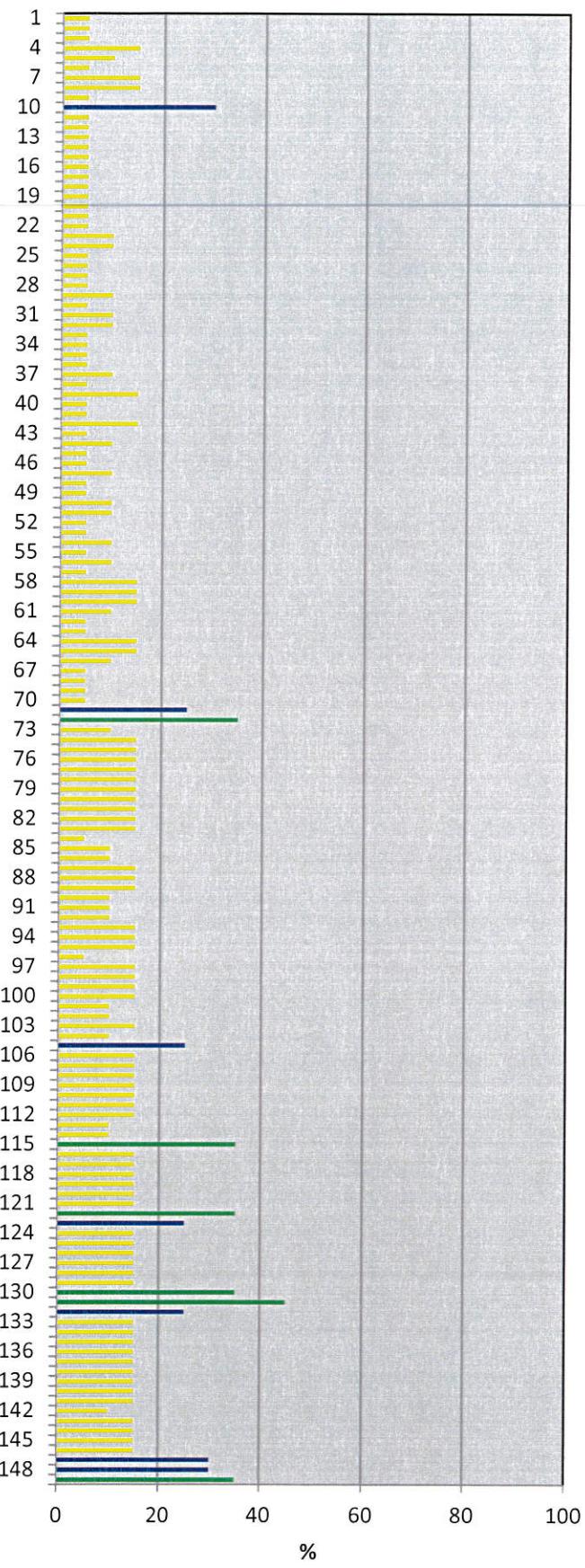
Customer _____

Jt#	Wall Loss	Pitting	Damage
1	5	5	
1	Ultrasonic Wall Min: 0.218 Max: 0.222		
2	5	5	
3	5	5	
4	5	15	Pitting
5	5	10	Pitting
6	5	5	
7	5	15	Pitting
8	5	15	Pitting
9	5	5	
10	10	30	Wall Loss & Pitting
11	5	5	
12	5	5	
13	5	5	
14	5	5	
15	5	5	
16	5	5	
17	5	5	
18	5	5	
19	5	5	
20	5	5	
21	5	5	
22	5	5	
23	5	10	Pitting
24	5	10	Pitting
25	5	5	
26	5	5	
27	5	5	
28	5	5	
29	5	10	Pitting
30	5	5	
31	5	10	Pitting
32	5	10	Pitting
33	5	5	
34	5	5	
35	5	5	
36	5	5	
37	5	10	Pitting
38	5	5	
39	5	15	Pitting
40	5	5	
41	5	5	
42	5	15	Pitting
43	5	5	
44	5	10	Pitting
45	5	5	
46	5	5	
47	5	10	Pitting
48	5	5	
49	5	5	
50	5	10	Pitting

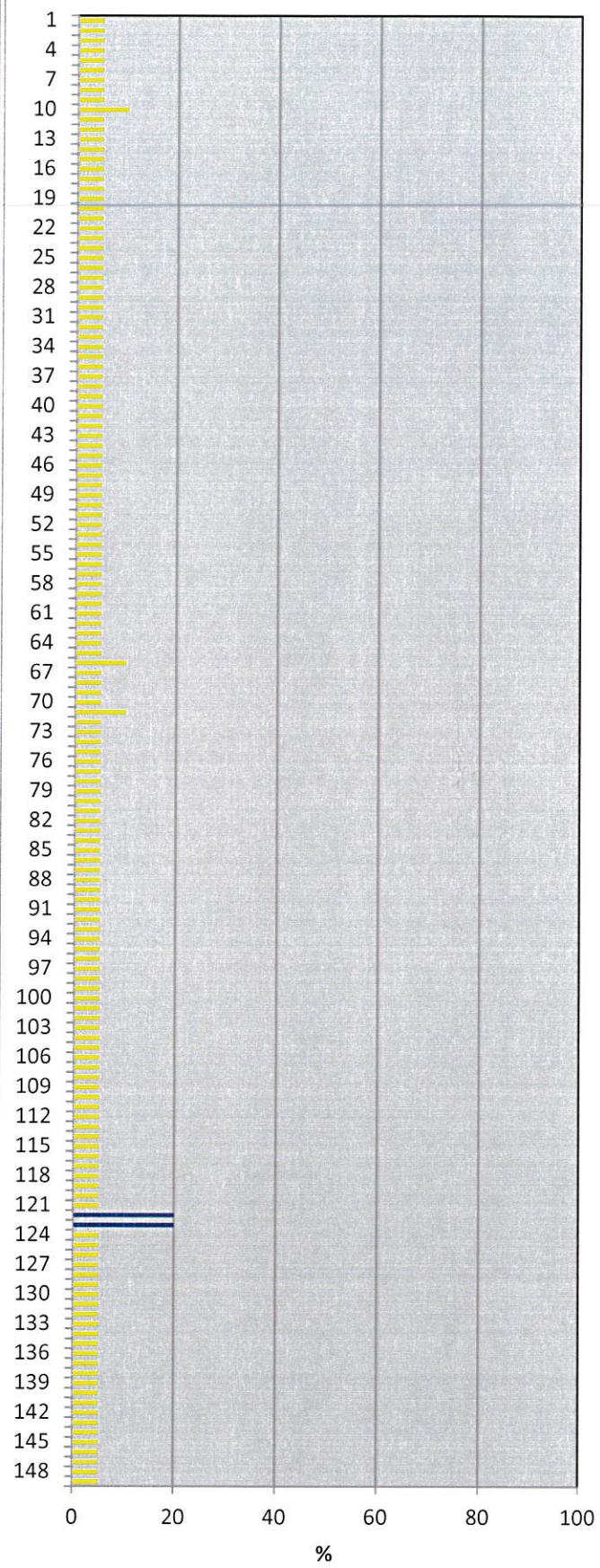
Jt#	Wall Loss	Pitting	Damage
51	5	10	Pitting
52	5	5	
52	Ultrasonic Wall Min: 0.217 Max: 0.224		
53	5	5	
54	5	10	Pitting
55	5	5	
56	5	10	Pitting
57	5	5	
58	5	15	Pitting
59	5	15	Pitting
60	5	15	Pitting
61	5	10	Pitting
62	5	5	
63	5	5	
64	5	15	Pitting
65	5	15	Pitting
66	10	10	Wall Loss & Pitting
67	5	5	
68	5	5	
69	5	5	
70	5	5	
71	10	25	Wall Loss & Pitting
72	5	35	Pitting
73	5	10	Pitting
74	5	15	Pitting
75	5	15	Pitting
76	5	15	Pitting
77	5	15	Pitting
78	5	15	Pitting
79	5	15	Pitting
80	5	15	Pitting
81	5	15	Pitting
82	5	15	Pitting
83	5	15	Pitting
84	5	5	
85	5	10	Pitting
86	5	10	Pitting
87	5	15	Pitting
88	5	15	Pitting
89	5	15	Pitting
90	5	10	Pitting
91	5	10	Pitting
92	5	10	Pitting
93	5	15	Pitting
94	5	15	Pitting
95	5	15	Pitting
96	5	5	
97	5	15	Pitting
98	5	15	Pitting
99	5	15	Pitting
100	5	15	Pitting

Jt#	Wall Loss	Pitting	Damage
101	5	10	Pitting
102	5	10	Pitting
102	Ultrasonic Wall Min: 0.214 Max: 0.226		
103	5	15	Pitting
104	5	10	Pitting
105	5	25	Pitting
106	5	15	Pitting
107	5	15	Pitting
108	5	15	Pitting
109	5	15	Pitting
110	5	15	Pitting
111	5	15	Pitting
112	5	15	Pitting
113	5	10	Pitting
114	5	10	Pitting
115	5	35	Pitting
116	5	15	Pitting
117	5	15	Pitting
118	5	15	Pitting
119	5	15	Pitting
120	5	15	Pitting
121	5	15	Pitting
122	20	35	Wall Loss & Pitting
123	20	25	Wall Loss & Pitting
124	5	15	Pitting
125	5	15	Pitting
126	5	15	Pitting
127	5	15	Pitting
128	5	15	Pitting
129	5	15	Pitting
130	5	35	Pitting
131	5	45	Pitting
132	5	25	Pitting
133	5	15	Pitting
134	5	15	Pitting
135	5	15	Pitting
136	5	15	Pitting
137	5	15	Pitting
138	5	15	Pitting
139	5	15	Pitting
140	5	15	Pitting
141	5	15	Pitting
142	5	10	Pitting
143	5	15	Pitting
144	5	15	Pitting
145	5	15	Pitting
146	5	15	Pitting
147	5	30	Pitting
148	5	30	Pitting
149	5	35	Pitting

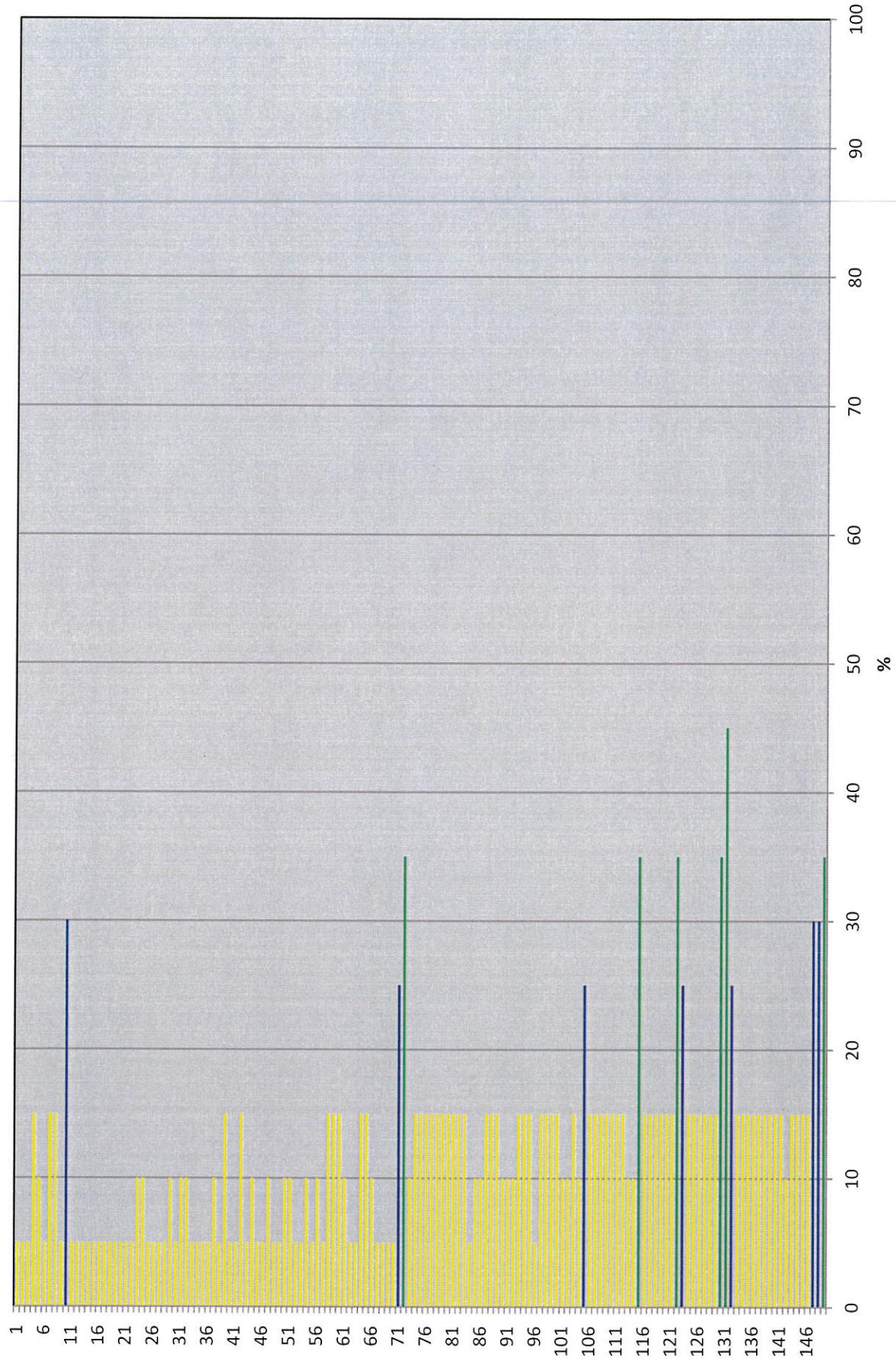
Pitting 1 to 149



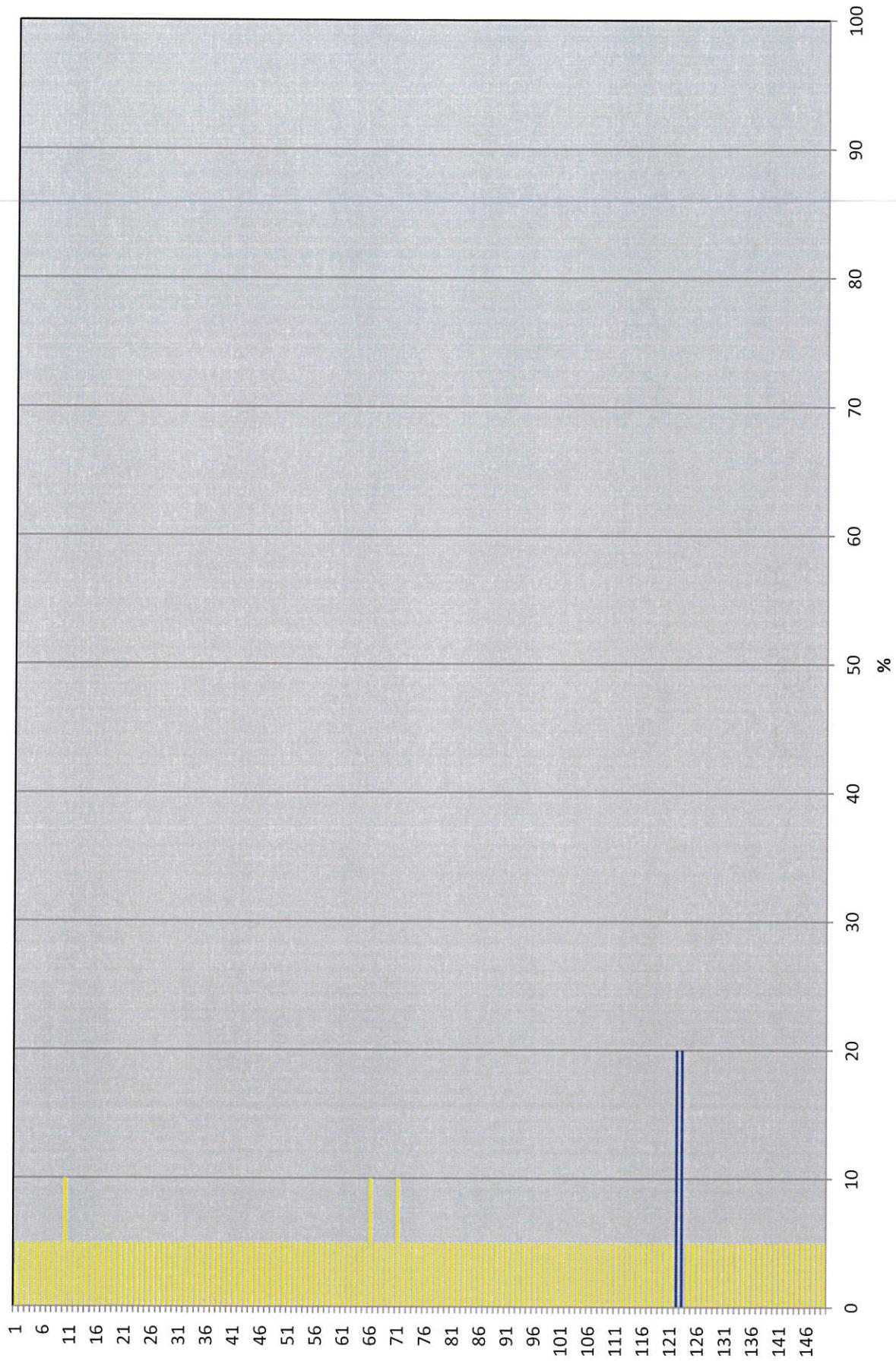
Wall Loss 1 to 149



Pitting 1 to 149



Wall Loss 1 to 149



Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300C746010117150	WELL: Strategic et al Cameron C-74	DATE: 05-Feb-2019
24 Hr Summary: Bled off gas heads, tested tbg to 5 MPA, laid down rods, killed csg, tbg start	END: 11-Feb-2019	
Formation: Sulphur Point	Surf Loc: C-74 60-10N 117-15W	Licence: 1939 Day #: 2
Objective: Abandon Sulphur Point Zone	Abandonment Type: Downhole	Serv Rig Start: 04-Feb-2019 Serv Rig End 10-Feb-2019
Operations at 6:00: Kill well, install BOPs	AFE #: 19ABCAM007	AFE Estimate: \$176,492.00
Daily Cost: \$18,018	Previous Cumulative Cost: \$37,768	Cum Cost: \$55,786
Ground: 774.60 m	KB To TH 3.80 m	Open Hole: mKB
KB to Grd: 4.40 m	Tubing: 73 mm	Bot at: 1432 m
TD (MD): 1,625.00 m	Casing: 177.8 mm	Set at: 1625 m
PBTD: 1,607.80 m	Liner: mm	Top at: m
BOP Drill: yes	BOP Press Test: yes	Function Test: yes
SITP: 2179 kPa	SICP: 5257 kPa	SCV: kPa H ₂ S %

Remarks:

Time From	Time To	Hours	Code	Comments
07:00	07:30	0.5	SAFE	Conducted crew safety and operations meeting. Swept lease for LEL's and H ₂ S. Function tested crown saver and air kills.
07:30	10:00	2.5	KILL	Warmed up pump lines. Bled off tbg gas head, filled tbg with 2.0 m ³ fresh water, tested to 5.0 MPA. Unseated BHP and pumped 4.0 m ³ down tbg.
10:00	14:00	4	TRPROD	Function tested rod BOPs. Seated BHP, stripped off stuffing box, stripped on rod BOPs. POOH with rods and BHP as per program. OROGO inspection, replaced 1 BOP fire hose.
14:00	15:30	1.5	BOPS	Conducted accumulator check, 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 14.0 MPA for 10 mins each, tested annular to 1.4 and 7.0 MPA for 10 mins each. Bled off csg gas while testing BOPs. Total gas flared 1.716 E ³ M ³ over 1 hour. No flow rate due pressure deccline.
15:30	17:00	1.5	KILL	Pumped 24.0 m ³ fresh water down csg. Csg on vacuum. Tbg was at 2200 kpa, bled down tbg, pumped 6.0 m ³ down tbg. Csg started blowing.
17:00	19:00	2	WLHD	Shut in well, need more water. Worked lag screws until easily operational. Cleaned up wellhead studs for fast removal. Studs and lags were rusted. Secured well, drained pump and lines, SDFN.

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas: Reset	Daily: 1.716 10 ³ m ³ /d	Cum: 1.716 10 ³ m ³	Tubing volume: m ³
	<input type="checkbox"/> Oil or Condensate: Cums	Daily: m ³	Cum: 0 m ³	Csg. ann vol: m ³
	<input type="checkbox"/> Water: Cums	Daily: m ³	Cum: 0 m ³	Open hole vol: m ³
	Time Swabbed/Flowed:	Daily: 0.00 hrs	Cum: hrs	Total: 0 m ³
Load Fluids	<input type="checkbox"/> OIL Cums	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
	<input type="checkbox"/> WATER Cums	Used 36 m ³	Cum 36 m ³	Rec m ³ Cum 0 m ³ To Rec 36 m ³
	<input type="checkbox"/> OTHER	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
Hours	Service Rig Hours	Daily 12.00 hrs	Cumulative 24.00 hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: 6	Service: 4	Company: 1 Total Personnel: 11
	Weather: Clear	Temp -39 °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: 300C746010117150	WELL: Strategic et al Cameron C-74				DATE: 04-Feb-2019					
24 Hr Summary: Installed wellhead on 2M-73, laid down rig, moved and rigged up.				END: 11-Feb-2019						
Formation: Sulphur Point		Surf Loc: C-74 60-10N 117-15W			Licence: 1939					
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 04-Feb-2019		Serv Rig End 10-Feb-2019				
Operations at 6:00: Kill well, lay down rods.			AFE #: 19ABCAM007		AFE Estimate: \$176,492.00					
Daily Cost:	\$37,768	Previous Cumulative Cost:			\$0	Cum Cost: \$37,768				
Ground:	774.60	m	KB To TH	3.80	m	Open Hole: mKB	Date	Perf Formation	Top	Base
KB to Grd:	4.40	m	Tubing:	73	mm	Bot at: 1432	m			
TD (MD):	1,625.00	m	Casing:	177.8	mm	Set at: 1625	m			
PBTD:	1,607.80	m	Liner:		mm	Top at: m				
BOP Drill:	BOP Press Test:			Function Test:						
SITP:	2179	kPa	SICP:	5257	kPa	SCV: kPa	H ₂ S %			

Remarks:

Total: 12

Equipment on Location:

Manager:

Programmed By: