

Strategic Oil & Gas Ltd.
Final Well Operations Report
Strategic et al Cameron M-73
Well ID – 1765
300/M73601011715/0

Jan 28, 2019 : MIRU Global #9. Performed SCVF test for 15 minutes. No bubbles. Bled off gas head (0.26 e3m3 in 45 minutes).

Jan 29, 2019 : Unseated BHP. Pumped 6.0 m3 inhibited fresh water (0.5% CRW132) down tubing. Pumped 15.0 m3 inhibited fresh water down casing. Pulled and laid down rods. Installed and pressure tested BOP's. Unset anchor. Pull and lay down tubing. Inspect on the way out of the hole (yellow – 141, blue – 6, green – 1 and red – 1).

Jan 30, 2019 : RIH with 139.7 mm 10K permanent bridge plug at 1405.0 mKB. Filled tubing with 4.2 m3 fresh inhibited water and pressured up to 12000 kPa to set bridge plug. Pumped 6.5 m3 fresh inhibited water. Let wellbore settle for 1 hour and topped up casing with 0.2 m3 fresh inhibited water. Pressure test bridge plug to 7000 kPa for 10 minutes. Solid test. Mixed 0.5 m3 of 1900 kg/m3 cement. Circulated down tubing followed by 4.0 m3 inhibited fresh water. Pulled up five joints and reverse circulated 5.0 m3 inhibited fresh water. No cement in returns. Cement top at 1364.7 mKB.

Jan 31, 2019 : Pull and lay down tubing. Topped up casing with 1.5 m3 50/50 inhibited methanol water. Remove BOP's, install wellhead and rig out.

Feb 6, 2019 : Inject 500 liters of methanol into pig sender. Performed three cleaning pig runs with air. Performed batch run with 45 liters of inhibitor (1 part CRO9809 and 2 parts diesel). Installed spec blind on pipeline at M-73. Flare volume was 0.014 e3m3 in 30 minutes.

Ken MWT
March 6, 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 M-73	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Global Well Servicing Rig 9
Well Identifier	1765	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 004	Approval to Alter Condition of Well	ACW - 2018-005

LOCATION INFORMATION

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

Surface	Lat 60 ° 2 ' 51 "	Long 117 ° 29 ' 31 "
Bottom Hole	Lat 60 ° 2 ' 51 "	Long 117 ° 29 ' 31 "

Region: Dehcho Unit M Section 73 Grid 60-10 117-15

ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	775.2 m	Ground Level / Seafloor	771.5 m
Spud/Re-entry Date	Jan 28, 2019 days	Total Depth	1657.8 m KB
Rig Release Date	Jan 31, 2019	Total Vertical Depth	1657.8 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	390.5	30.0 tonnes
139.7	23.07	K-55	1657.8	43.7 tonnes

PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)	
Bridge	1364.7-1405.0	No	1405.0	0.5	
Select	-	Select			
Select	-	Select			
Select	-	Select			

PERFORATION

Interval (m KB)	Comments
1415.5-1420.5	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 6, 2019

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

390.50 m

1364.70 m

1405.00 m

1515.50 m

1420.50 m

1505.00 m

1510.00 m

1516.50 m

1521.50 m

1657.80 m

Final Installation Report

Company	STRATEGIC	Reference	TICKET # CS0031068
Prepared for	SHAYNE STAHL	Client #	(780) 841-8106
Sales Rep	WRP DAVE BORLE	Vendor #	
Service Center	HIGH LEVEL	Drawn by	MATT FISCHER

TUBULAR	Size	Weight	Grade	Thread	Depth
Casing 1	244.5mm	53.6	J-55	ST&C	390.5
Casing 2	139.7mm	23.07	K-55	LT&C	1657.8
Tubing	73mm		J-55	EUE	

ITEM	DESCRIPTION	I.D.	O.D.	Length (m)	Depth (m)
A.	KEG RIVER Casing Perforations				
B.	Permanent Bridge Plug 69MPa			0.35m	
C.	5.0M OF 1901 KG/M3 OILWELL "G" CEMENT				
D.	SULPHER POINT Casing Perforations				
E.	Permanent Bridge Plug 69MPa (TRYTON HM-1).			0.35m	
F.	40.30m of 1901 kg/m3 OILWELL "G" CEMENT				

NOTES

RAN IN HOLE WITH HYDRAULIC SET MECHANICAL PACK-OFF 69MPa BRIDGE PLUG. RAN 147 X 73.0mm J-55 TUBING JOINTS LOCATED CASING COLLARS @ 1381.0mKB & 1394.0mKB. HAD NEGATIVE -2.72m TUBING TO WIRELINE CORRECTION. LANDED PERMNET BRIDGE PLUG @ 1405.0mKB CENTER OF ELEMENT. CORRECTED DEPTH. FILLED TUBING WITH 4.20m3 0.50% CRW-132 INHIBITED FRESH WATER. PRESSURED UP TO 12MPa AND SET BRIDGE PLUG. PULLED 14,000daN TENSION INTO BRIDGE PLUG TO PACK-OFF ELEMENT SYSTEM. FILLED CASING WITH 6.20M3. OPENED CASING TO RIG TANK TO ALLOW AIR TO MIGRATE OUT OF CASING. LET CASING SETTLE FOR ONE HOUR, TOPPED UP CASING WITH 0.20M3 OF INHIBITED WATER. LET SETTLE FOR 30 MIN. PRESSURED UP CASING TO 7MPa. PRESSURE BLED DOWN TO 6920kPa IN 10 MIN. BUMPED PRESSURE TO 7MPa. BLED DOWN TO 6970kPa IN 10 MIN. BUMPED PRESSURE TO 7MPa. HELD 10 MIN. SOLID TEST. ROTATED OFF BRIDGE PLUG. MIXED AND DUMPED 0.50M3 OF 1901KG/M3 SLURRY DOWN TUBING. DISPLACED WITH 4.0M3 OF FRESH INHIBITED WATER. PULLED 5 X 73.0MM TUBING JOINTS TO BALANCE. PULLED 5 X 73.0MM TUBING JOINTS. BACKWASHED 5.0M3 INHIBITED WATER. NO CEMENT RETURNS. CALCULATED CEMENT TOP @ 1364.70mKB BASED ON 0.012416 M3/M IN 139.7MM 23.07KG/M CASING

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Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Kurt Hewitt

Tel2:
Tel1: (780) 830-8303

UWI: 300M736010117150	WELL: Strategic et al Cameron M-73.				DATE: 25-Feb-2019						
24 Hr Summary:					END: 31-Jan-2019						
Formation: Sulphur Point		Surf Loc: M-73 60-10N 117-15W		Licence: 1765	Day #: 6						
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 28-Jan-2019	Serv Rig End 31-Jan-2019						
Operations at 6:00:		AFE #: 19ABCAM005		AFE Estimate: \$159,764.00							
Daily Cost:	\$165	Previous Cumulative Cost:		\$102,451	Cum Cost: \$102,616						
Ground:	771.50	m	KB To TH	2.98	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	3.70	m	Tubing:	73	mm	Bot at:	m				
TD (MD):	1,657.80	m	Casing:	139.7	mm	Set at:	1657.8	m			
PBTD:	1,505.00	m	Liner:		mm	Top at:	m				
BOP Drill:	BOP Press Test:		Function Test: yes								
SITP:	N/A	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S %			

Remarks:

Total:

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0.58 10 ³ m ³	Tubing volume:	m ³								
	<input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	0 m ³	Csg. ann vol:	m ³								
	<input type="checkbox"/> Water:	Daily:	m ³	Cum:	0 m ³	Open hole vol:	m ³								
	Time Swabbed/Flowed:		Daily:	hrs	Cum:	hrs	Total: 0 m ³								
Load Fluids	<input type="checkbox"/> OIL	Used	m ³	Cum	0 m ³	Rec	m ³	Cum	0 m ³	To Rec	0 m ³				
	<input type="checkbox"/> WATER	Used	m ³	Cum	33.2 m ³	Rec	m ³	Cum	0 m ³	To Rec	33.2 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	hrs	Cumulative	35.00 hrs	DownTime:	hrs	Cumulative DownTime:							
	Personnel on Location	Rig:	Service:		Company:		Total Personnel: 0								
	Weather: Snow/Wind	Temp	°C	Lease: Good			Roads: Good								
Manager:			Programmed By:												



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Kurt Hewitt

Tel2:
Tel1: (780) 830-8303

UWI: 300M736010117150	WELL: Strategic et al Cameron M-73.				DATE: 06-Feb-2019
24 Hr Summary:				END: 31-Jan-2019	
Formation: Sulphur Point	Surf Loc: M-73 60-10N 117-15W	Licence: 1765	Day #:	5	
Objective: Abandon Sulphur Point Zone	Abandonment Type: Downhole	Serv Rig Start: 28-Jan-2019	Serv Rig End	31-Jan-2019	
Operations at 6:00:	AFE #: 19ABCAM005	AFE Estimate:	\$159,764.00		
Daily Cost: \$4,935	Previous Cumulative Cost:	\$97,516	Cum Cost:	\$102,451	
Ground: 771.50 m	KB To TH 2.98 m	Open Hole: mKB	Date	Perf Formation	
KB to Grd: 3.70 m	Tubing: 73 mm	Bot at: m		Top	
TD (MD): 1,657.80 m	Casing: 139.7 mm	Set at: 1657.8 m		Base	
PBTD: 1,505.00 m	Liner: mm	Top at: m			
BOP Drill:	BOP Press Test:	Function Test: yes			
SITP: N/A kPa	SICP: 0 kPa	SCV: kPa	H ₂ S %		

Remarks:

Total: 10.5

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d		Cum: 0.58 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:	<input type="checkbox"/> Water:		Daily: m ³	Cum: 0 m ³		Open hole vol:		m ³				
	Time Swabbed/Flowed:		Daily: hrs	Cum: hrs		Total: 0 m ³							
Load Fluids	Reset <input type="checkbox"/> Cums	Used <input type="checkbox"/> OIL	m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³						
	<input type="checkbox"/> WATER	Used <input type="checkbox"/> WATER	m ³	Cum 33.2 m ³	Rec m ³	Cum 0 m ³	To Rec 33.2 m ³						
	<input type="checkbox"/> OTHER	Used <input type="checkbox"/> OTHER	m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec 0 m ³						
Hours	Service Rig Hours		Daily hrs	Cumulative 35.00 hrs	DownTime: hrs		Cumulative DownTime: hrs						
	Personnel on Location		Rig:	Service:	Company:		Total Personnel: 0						
	Weather: Snow/Wind	Temp	°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: 300M736010117150	WELL: Strategic et al Cameron M-73.					DATE: 31-Jan-2019					
24 Hr Summary: Rigged out rig, removed BOPs and installed wellhead, topped up well with					END: 31-Jan-2019						
Formation: Sulphur Point		Surf Loc: M-73 60-10N 117-15W			Licence: 1765 Day #: 4						
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 28-Jan-2019	Serv Rig End 31-Jan-2019						
Operations at 6:00: Move to 2M-73			AFE #: 19ABCAM005		AFE Estimate: \$159,764.00						
Daily Cost:	\$4,411		Previous Cumulative Cost:		\$93,105 Cum Cost: \$97,516						
Ground:	771.50	m	KB To TH	2.98	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB To Grd:	3.70	m	Tubing:	73	mm	Bot at:	m				
TD (MD):	1,657.80	m	Casing:	139.7	mm	Set at:	1657.8	m			
PBTD:	1,505.00	m	Liner:		mm	Top at:	m				
BOP Drill:		BOP Press Test:			Function Test: yes						
SITP:	N/A	kPa	SICP:	0	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 4

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0.58 10 ³ m ³	Tubing volume:	m ³				
	Reset <input type="checkbox"/> Oil or Condensate:	Daily:	m ³	Cum:	0 m ³	Csg. ann vol:	m ³				
	Cums <input type="checkbox"/> Water:	Daily:	m ³	Cum:	0 m ³	Open hole vol:	m ³				
	Time Swabbed/Flowed:	Daily:	hrs	Cum:	hrs	Total:	0 m ³				
Load Fluids	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	1.5 m ³	Cum	33.2 m ³	Rec	m ³	Cum	0 m ³	To Rec	33.2 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	hrs	Cumulative	35.00 hrs	DownTime:	hrs	Cumulative	DownTime:	hrs	
	Personnel on Location	Rig:	6	Service:	5	Company:	1	Total Personnel:	12		
	Weather: Snow/Wind	Temp	-25 °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: 300M736010117150	WELL: Strategic et al Cameron M-73.				DATE: 30-Jan-2019
24 Hr Summary: RIH and set PBP at 1405 mKB, tested to 7 MPA, circ .5 m3 cement on BP, La				END: 31-Jan-2019	
Formation: Sulphur Point		Surf Loc: M-73 60-10N 117-15W		Licence: 1765	Day #: 3
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 28-Jan-2019	Serv Rig End 31-Jan-2019
Operations at 6:00: Remove BOPs and install wellhead.		AFE #: 19ABCAM005		AFE Estimate: \$159,764.00	
Daily Cost:	\$26,550	Previous Cumulative Cost:	\$66,555	Cum Cost:	\$93,105
Ground: 771.50 m	KB To TH 2.98 m	Open Hole: mKB	Date	Perf Formation	Top
KB to Grd: 3.70 m	Tubing: 73 mm	Bot at: m			
TD (MD): 1,657.80 m	Casing: 139.7 mm	Set at: 1657.8 m			
PBTD: 1,505.00 m	Liner: mm	Top at: m			
BOP Drill:	BOP Press Test:	Function Test: yes			
SITP: N/A kPa	SICP: 0 kPa	SCV: kPa	H ₂ S %		

Remarks:

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	12:00	4.5	TRPTBG	Made up, tallied, picked up and RIH with Tryton 139.7mm hydraulic set PBP, setting tool, MCL and 147 jts 73.0mm tbg.
				Located csg collars at 1381.0 & 1394.0 mKB. Negative 2.72m tally correction.
				Landed PBP CE at 1405.0 mKB corrected depth, filled tbg with 4.20 m ³ 0.50% CRW-132 inhibited fresh water. Pressured up to 12.0 MPA and set BP. Pulled 14,000 daN into BP to pack off elements.
12:00	14:30	2.5	PTST	Filled csg with 6.50 m ³ . Opened csg to rig tank to allow air to migrate out of csg. Let csg settle for 1 hour, topped up csg with 0.20 m ³ inhibited water. Let settle for 30 mins.
				Pressured up csg to 7.0 MPA, pressure bled down to 6920 kpa in 10 mins, bumped pressure up to 7000 kpa, bled down to 6970 kpa in 10 mins, bumped to 7000 kpa, held stable for 10 mins.
14:30	16:00	1.5	CIRC	Mixed up 0.50 m ³ 1900 kg/m ³ cement, poured down tbg, displaced cement with 4.0 m ³ inhibited water down tbg. Pulled 5 jts tbg. Back washed with 5.0 m ³ inhibited water. No cement returns.
				Calculated cement top is 1364.70 mKB, based on 0.012416 m ³ /m in 139.7mm 23.07 kg/m csg.
16:00	19:00	3	TRPTBG	POOH and laid down 73.0mm tbg.
				Secured well, drained pump and lines, SDFN.
Total: 12				

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 10 ³ m ³ /d	Cum: 0.58 10 ³ m ³	Tubing volume: m ³
	<input type="checkbox"/> Oil or Condensate:	Daily: m ³	Cum: 0 m ³	Csg. ann vol: m ³
	<input type="checkbox"/> Water:	Daily: m ³	Cum: 0 m ³	Open hole vol: m ³
	Time Swabbed/Flowed:	Daily: 0.00 hrs	Cum: hrs	Total: 0 m ³
Load Fluids	<input type="checkbox"/> OIL	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
	<input type="checkbox"/> WATER	Used 10.7 m ³	Cum 31.7 m ³	Rec m ³ Cum 0 m ³ To Rec 31.7 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 35.00 hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: 6	Service: 5	Company: 1 Total Personnel: 12
	Weather: Snow/Wind	Temp -19 °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: 300M736010117150	WELL: Strategic et al Cameron M-73.	DATE: 29-Jan-2019
24 Hr Summary: Killed well, laid down rods, removed wellhead and installed BOPs, laid down		END: 31-Jan-2019
Formation: Sulphur Point	Surf Loc: M-73 60-10N 117-15W	Licence: 1765 Day #: 2
Objective: Abandon Sulphur Point Zone	Abandonment Type: Downhole	Serv Rig Start: 28-Jan-2019 Serv Rig End 31-Jan-2019
Operations at 6:00: RIH with PBP, set and test.	AFE #: 19ABCAM005	AFE Estimate: \$159,764.00
Daily Cost: \$32,161	Previous Cumulative Cost: \$34,394	Cum Cost: \$66,555
Ground: 771.50 m	KB To TH 2.98 m	Open Hole: mKB
KB to Grd: 3.70 m	Tubing: 73 mm	Bot at: m
TD (MD): 1,657.80 m	Casing: 139.7 mm	Set at: 1657.8 m
PBTD: 1,505.00 m	Liner: mm	Top at: m
BOP Drill: yes	BOP Press Test: yes	Function Test: yes
SITP: 20 kPa	SICP: 2090 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. Function tested crown saver and air kills.
				Swept lease for LEL's and H ₂ S.
07:30	10:00	2.5	KILL	Tested pump lines, test line and manifold to 1.4 and 14.0 MPA for 10 mins. Bled off csg gas to p-tank, flared 0.32 E ³ M ³ , for 45 mins. Could not get steady gas rate.
				Tested tbg to 5.0 MPA for 10 mins, unseated BHP and pumped 6.0 m ³ 0.50% CRW-132 inhibited fresh water down tbg, well would not circulate. Pumped 15.0 m ³ inhibited water down csg.
				Tbg and csg went on vacuum.
10:00	13:00	3	TRPROD	Put rod string on bottom, closed ratigans, stripped off stuffing box and stripped on rod BOPs.
				Tested rod BOPs to 4.0 MPA.
				Opened ratigans, unseated BHP, laid down rods as per program.
13:00	16:00	3	BOPS	Conducted accumulator check, function tested blind rams, 73.0mm pipe rams and annular. Stump tested blind rams, pipe rams and 2 safety valves to 1.4 and 21.0 MPA for 10 mins on each component. Tested annular to 1.4 and 7.0 MPA for 10 mins each.
				Removed wellhead and installed landing pup c/w safety valve. Picked up on tbg and installed 0.60m pup below tbg hanger, tbg was in 4500 daN tension. Landed tbg hanger, tbg was in 7000 daN compression.
				Installed BOPs, tested ring gasket and 73.0mm pipe rams to 1.4 and 21.0 MPA. Held tests for 10 mins.
				Rigged up working floor and power tongs, hung tarps, unset anchor.

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 0.32 10 ³ m ³ /d	Cum: 0.58 10 ³ m ³	Tubing volume: m ³
	<input type="checkbox"/> Oil or Condensate:	Daily: m ³	Cum: 0 m ³	Csg. ann vol: m ³
	<input type="checkbox"/> Water:	Daily: m ³	Cum: 0 m ³	Open hole vol: m ³
	Time Swabbed/Flowed:	Daily: 0.00 hrs	Cum: hrs	Total: 0 m ³
Load Fluids	<input type="checkbox"/> OIL	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
	<input type="checkbox"/> WATER	Used 21 m ³	Cum 21 m ³	Rec m ³ Cum 0 m ³ To Rec 21 m ³
	<input type="checkbox"/> OTHER	Used m ³	Cum 0 m ³	Rec m ³ Cum 0 m ³ To Rec 0 m ³
Hours	Service Rig Hours	Daily 12.00 hrs	Cumulative 23.00 hrs	DownTime: hrs Cumulative DownTime: hrs
	Personnel on Location	Rig: 6	Service: 5	Company: 1 Total Personnel: 12
	Weather: Overcast	Temp -20 °C	Lease: Good	Roads: Good
Manager:	Programmed By:			



Daily Abandonment Report

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106



Field Ticket	P93009
Contact	Chad Rookes
Phone	(780)512-5009

Customer Information

Company Name	Strategic Oil & Gas Ltd	Date	January 29, 2019
Surface Location	300M736010117150	AFE No.	
UWI	300M736010117150	Contract	
Rig Name & #	Global # 9	Co. Rep	
Area	Steen River	Code #	Shayne Stahl

Wellhead Tubing Inspection

Qty	Description	Unit Price	Total
149	Joints of 73.0mm, 9.67Kg, J55, EUE Tubing Inspected	\$ 15.00	\$ 2,235.00
400	Kms From Base & Return	\$ 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	0.214	0.219
51	0.218	0.224
102	0.218	0.224

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

0-15%	Yellow	141
16-30%	Blue	6
31-50%	Green	1
51+%	Red	1
Total		149

Order of Tubing Pulled	
1	73mm Eue J55 Tubing
1	73mm Eue J55 3.12m Pup
143	73mm Eue J55 Tubing
1	Anchor
4	73mm Eue J55 Tubing
1	Pump Seating Nipple
1	Nipple Gas Vent
1	73mm Eue J55 Tubing
1	Bottom Hole

Notes	Time Requested	2:00 PM	Inspection Start Time	3:55 PM
Tubing was mostly yellow band throughout.				
There was pitting in most of the yellow band joints but they remained yellow.				

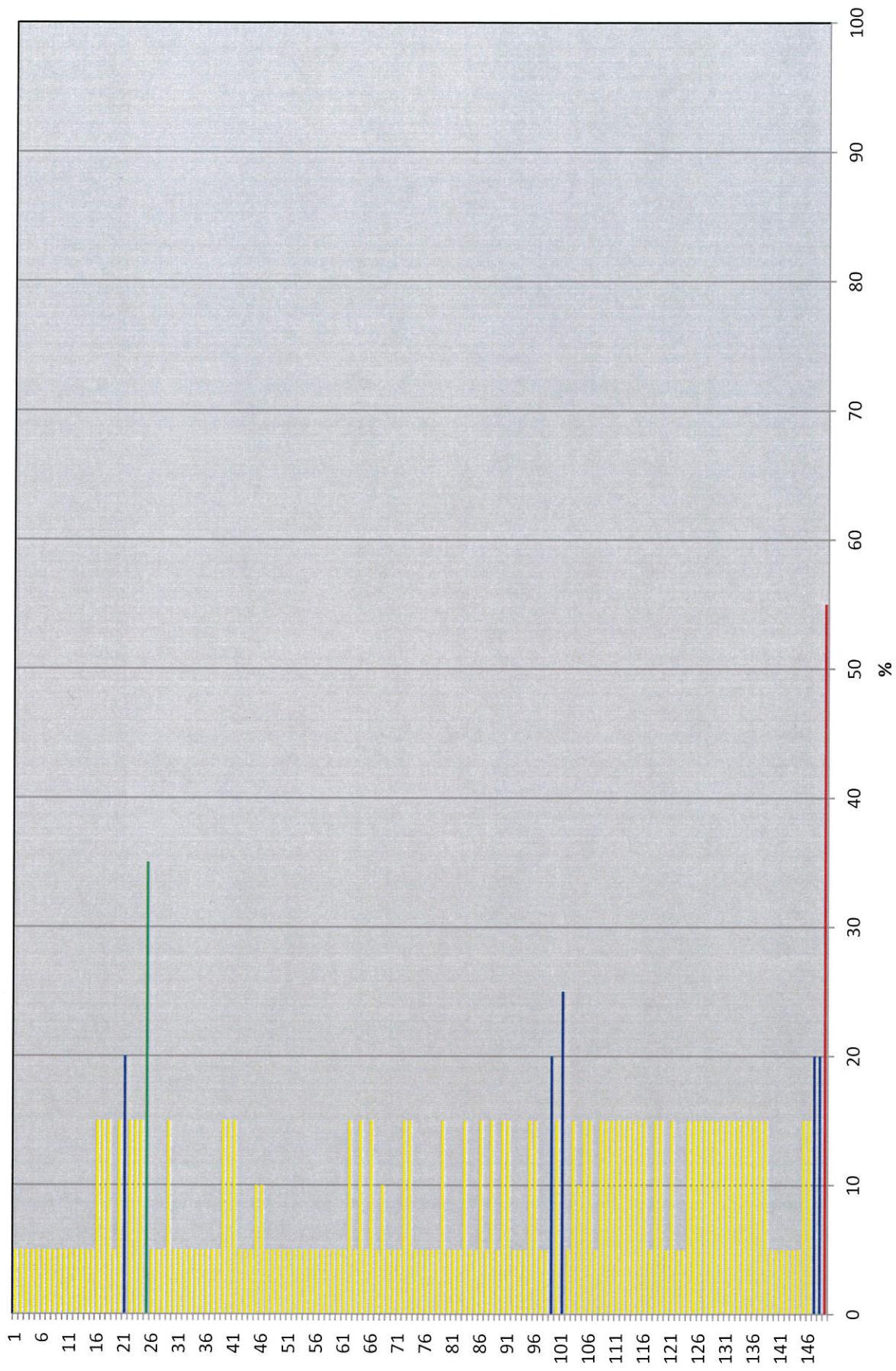
Inspector Cyril GormanCustomer

Jt#	Wall Loss	Pitting	Damage
1	5	5	
1	Ultrasonic Wall Min: 0.214 Max: 0.219		
2	5	5	
3	5	5	
4	5	5	
5	5	5	
6	5	5	
7	5	5	
8	5	5	
9	5	5	
10	5	5	
11	5	5	
12	5	5	
13	5	5	
14	5	5	
15	5	5	
16	5	15	Pitting
17	5	15	Pitting
18	5	15	Pitting
19	5	5	
20	5	15	Pitting
21	10	20	Wall Loss & Pitting
22	5	15	Pitting
23	5	15	Pitting
24	5	15	Pitting
25	20	35	Wall Loss & Pitting
26	5	5	
27	5	5	
28	5	5	
29	5	15	Pitting
30	5	5	
31	5	5	
32	5	5	
33	5	5	
34	5	5	
35	5	5	
36	5	5	
37	5	5	
38	5	5	
39	5	15	Pitting
40	5	15	Pitting
41	5	15	Pitting
42	5	5	
43	5	5	
44	5	5	
45	5	10	Pitting
46	5	10	Pitting
47	5	5	
48	5	5	
49	5	5	
50	5	5	

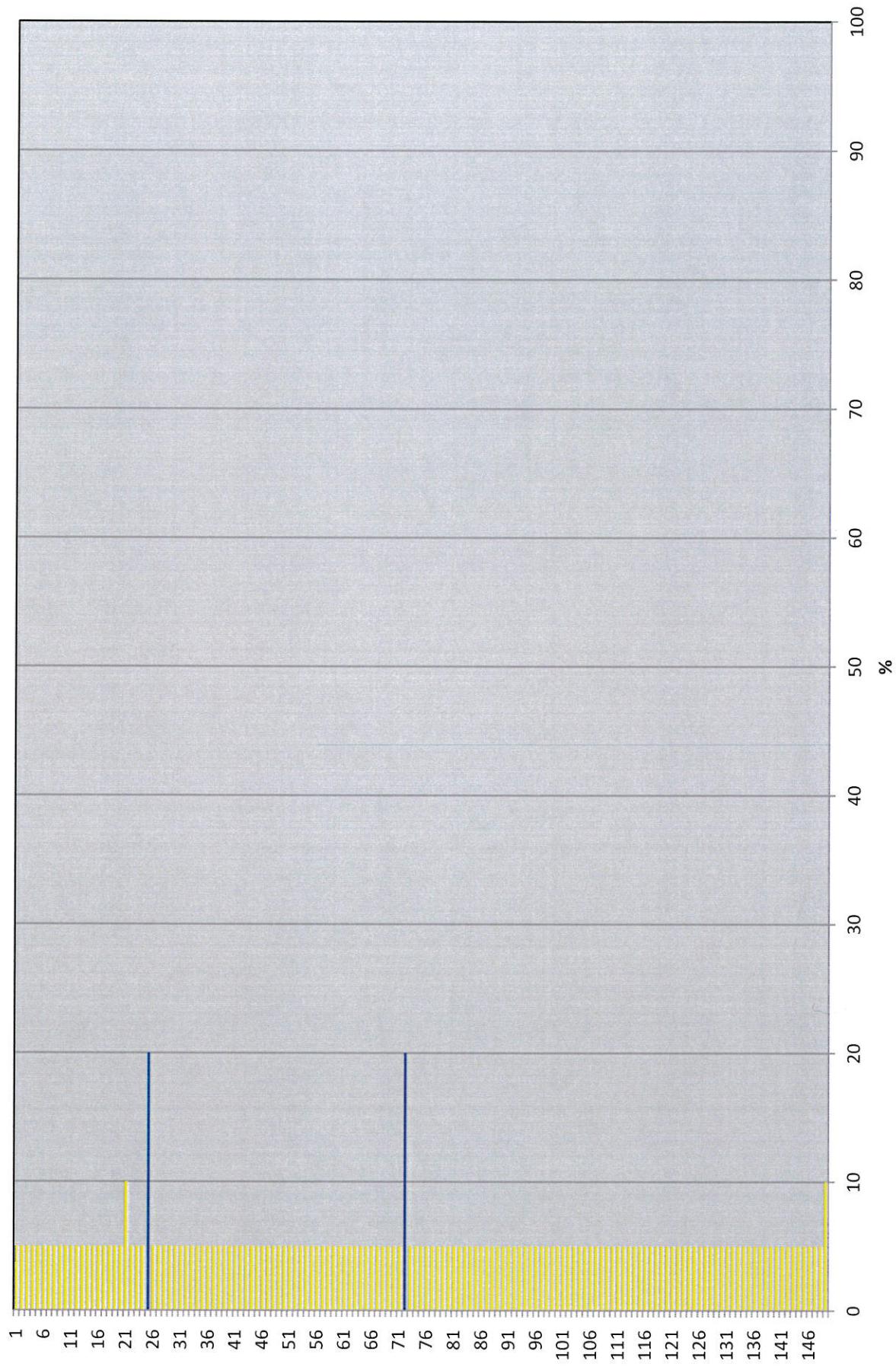
Jt#	Wall Loss	Pitting	Damage
51	5	5	
51	Ultrasonic Wall Min: 0.218 Max: 0.224		
52	5	5	
53	5	5	
54	5	5	
55	5	5	
56	5	5	
57	5	5	
58	5	5	
59	5	5	
60	5	5	
61	5	5	
62	5	15	Pitting
63	5	5	
64	5	15	Pitting
65	5	5	
66	5	15	Pitting
67	5	5	
68	5	10	Pitting
69	5	5	
70	5	5	
71	5	5	
72	20	15	Wall Loss & Pitting
73	5	15	Pitting
74	5	5	
75	5	5	
76	5	5	
77	5	5	
78	5	5	
79	5	15	Pitting
80	5	5	
81	5	5	
82	5	5	
83	5	15	Pitting
84	5	5	
85	5	5	
86	5	15	Pitting
87	5	5	
88	5	15	Pitting
89	5	5	
90	5	15	Pitting
91	5	15	Pitting
92	5	5	
93	5	5	
94	5	5	
95	5	15	Pitting
96	5	15	Pitting
97	5	5	
98	5	5	
99	5	20	Pitting
100	5	15	Pitting

Jt#	Wall Loss	Pitting	Damage
101	5	25	Pitting
102	5	5	
102	Ultrasonic Wall Min: 0.218 Max: 0.224		
103	5	15	Pitting
104	5	10	Pitting
105	5	15	Pitting
106	5	15	Pitting
107	5	5	
108	5	15	Pitting
109	5	15	Pitting
110	5	15	Pitting
111	5	15	Pitting
112	5	15	Pitting
113	5	15	Pitting
114	5	15	Pitting
115	5	15	Pitting
116	5	15	Pitting
117	5	5	
118	5	15	Pitting
119	5	15	Pitting
120	5	5	
121	5	15	Pitting
122	5	5	
123	5	5	
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	15	Pitting
131	5	15	Pitting
132	5	15	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	5	
140	5	5	
141	5	5	
142	5	5	
143	5	5	
144	5	5	
145	5	15	Pitting
146	5	15	Pitting
147	5	20	Pitting
148	5	20	Pitting
149	10	55	Wall Loss & Pitting

Pitting 1 to 149



Wall Loss 1 to 149





Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Shayne Stahl

Tel2:

Tel1: (780) 841-8106

UWI: 300M736010117150	WELL: Strategic et al Cameron M-73.				DATE: 28-Jan-2019						
24 Hr Summary: Moved on and rigged up. Bled off csg gas.				END: 31-Jan-2019							
Formation: Sulphur Point		Surf Loc: M-73 60-10N 117-15W		Licence: 1765 Day #: 1							
Objective: Abandon Sulphur Point Zone		Abandonment Type: Downhole		Serv Rig Start: 28-Jan-2019 Serv Rig End 31-Jan-2019							
Operations at 6:00: Kill well, lay down rods.		AFE #: 19ABCAM005		AFE Estimate: \$159,764.00							
Daily Cost:	\$34,394	Previous Cumulative Cost:		\$0 Cum Cost: \$34,394							
Ground:	771.50	m	KB To TH	2.98	m	Open Hole:	mKB	Date	Perf Formation	Top	Base
KB to Grd:	3.70	m	Tubing:	73	mm	Bot at:	1430.22	m			
TD (MD):	1,657.80	m	Casing:	139.7	mm	Set at:	1657.8	m			
PBTD:	1,505.00	m	Liner:		mm	Top at:		m			
BOP Drill:		BOP Press Test:			Function Test:						
SITP:	18	kPa	SICP:	1972	kPa	SCV:	kPa	H ₂ S	%		

Remarks:

Total: 11

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily: 0.26	10 ³ m ³ /d	Cum: 0.26	10 ³ m ³	Tubing volume:	m ³
	Reset <input type="checkbox"/> Cums	Oil or Condensate:	Daily: m ³	Cum: m ³		Csg. ann vol:	m ³
	<input type="checkbox"/> Water:	Daily: m ³		Cum: m ³		Open hole vol:	m ³
	Time Swabbed/Flowed:		Daily: 0.00 hrs	Cum: hrs		Total:	0 m ³
Load Fluids	Reset <input type="checkbox"/> OIL	Used m ³	Cum m ³	Rec m ³	Cum m ³	To Rec	m ³
	Cums <input type="checkbox"/> WATER	Used m ³	Cum 0 m ³	Rec m ³	Cum 0 m ³	To Rec	0 m ³
	<input type="checkbox"/> OTHER	Used m ³	Cum m ³	Rec m ³	Cum m ³	To Rec	m ³
Hours	Service Rig Hours	Daily 11.00 hrs	Cumulative 11.00 hrs	DownTime: hrs	Cumulative DownTime:	hrs	
	Personnel on Location	Rig: 6	Service: 8	Company: 1	Total Personnel:	15	
	Weather: Clear	Temp -27 °C	Lease: Good		Roads:	Good	
Manager:		Programmed By:					