

Strategic Oil & Gas Ltd.
Final Well Operations Report
Strategic et al Cameron E-72
Well ID – 2048
300/E72601011715/0

Feb 15, 2019 : MIRU Global #5.

Feb 16, 2019 : Performed SCVF test for 10 minutes. No bubbles. Open casing to testers and pump 25.0 m3 fresh water down tubing (1.16 e3m3 in 60 minutes). Installed and pressure tested BOP's. Unset anchor. Pull and stand tubing. Inspect on the way out of the hole (yellow – 140, blue – 2, green – 2 and red – 1). MURIH with 139.7 mm 10K permanent bridge plug. Run 40 joints and SDFN.

Feb 17, 2019 : RIH with 139.7 mm 10K permanent bridge plug to 1363.0 mKB. Filled tubing with 4.1 m3 fresh water and pressured up to 14000 kPa to set bridge plug. Fill casing with 2.5 m3 fresh water. Let wellbore stabilize for one hour. Pressure test bridge plug to 7000 kPa for 15 minutes. Solid test. Mixed 0.6 m3 of 1700 kg/m3 cement. Circulated 0.5 m3 down tubing followed by 4.05 m3 fresh water. Pulled up six joints and reverse circulated 17.5 m3 inhibited fresh water (0.5% CRW-132). No cement in returns. Cement top at 1322.8 mKB. Pull and lay down tubing.


Feb 18, 2019 : Topped up casing with 1.0 m3 inhibited fresh water. Remove BOP's, install wellhead and rig out.

Mar 8, 2019 : Haul in 5 yards of sand for fill

Mar 9, 2019 : Wait on jet cutters.

Mar 11, 2019 : MIRU NuWave. Cut casing 2.0 meters below ground level and remove wellhead / casing stub. Remove cellar. Install casing cap. Backfill gopher hole. Hydrovac dig hole for signpost. Mix up 2 bags of cement to secure signpost.

Mar 15, 2019 : Install well identification sign.


March 23, 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 E-72	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	Global Well Servicing Rig 5
Well Identifier	2048	Current Well Status	Abandoned

RELATED LICENCES AND AUTHORIZATIONS

Operating Licence No.	NWT-OL-2014-007	Operations Authorization	OA - 1237-001
PRA Licence No.	Production Licence 020	Approval to Alter Condition of Well	ACW - 2018-014

LOCATION INFORMATION

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

Surface	Lat 60 ° 1 ' 25 "	Long 117 ° 29 ' 56 "
Bottom Hole	Lat 60 ° 1 ' 25 "	Long 117 ° 29 ' 56 "

Region: Dehcho Unit E Section 72 Grid 60-10 117-15

ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	/
Elevation KB/RT	734.4 m	Ground Level / Seafloor	729.0 m
Spud/Re-entry Date	Feb 15, 2019 days	Total Depth	1408.6 m KB
Rig Release Date	Mar 15, 2019	Total Vertical Depth	1408.6 m KB

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)
219.1	35.72	J-55	435.0	32.0 tonnes
139.7	23.07	J-55	1438.0	33.0 tonnes

PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
Bridge	1322.8-1363.0	No	1363.0	0.5
Select	-	Select		
Select	-	Select		
Select	-	Select		


PERFORATION

Interval (m KB)	Comments
1368.0-1376.5	Sulphur Point - abandoned zone
-	
-	
-	

OTHER

Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	
Provision for Re-entry (Describe and attach sketch)	
Other Downhole Completion/Suspension	
Additional Comments	

"I certify that the information provided on this form is true and correct"

Name	Ken Nikiforuk	Phone	(403) 767-2944 Ext
Title	Completions Manager	E-Mail	knikiforuk@sogoil.com
Operator	Strategic Oil & Gas Ltd		
Signature	 Responsible Officer of Company	Date	March 28, 2019

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



This document is confidential correspondence between our company and its customer. It may not be reproduced in any form, in whole or in part, by any means including any electronic format, nor its contents disclosed to anyone but our employees and employees of our customer.



Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel1: (403) 318-7083

Remarks:[illegible]

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 10 ³ m ³	Tubing volume:	m ³
	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:	hrs	Cum:	hrs	Total:	0 m ³

Manager:	Programmed By:
----------	----------------

STRATEGIC et al CAMERON E - 72
STRATEGIC OIL & GAS LTD
MARCH 11, 2019
NAD27 - 60.023778N - 117.498889W



Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2:

Tel1: (403) 318-7083

UWI: 300E726010117150		WELL: Strategic et al Cameron E-72		DATE: 11-Mar-2019	
24 Hr Summary: Jet cut and remove well head.				END: 19-Feb-2019	
Formation: Sulphur Point		Surf Loc: E-72 60-10N 117-15W		Licence: 2048	
Objective: Abandon wellbore		Abandonment Type: Downhole		Serv Rig Start: 15-Feb-2019	
Operations at 6:00: Install Abandonment sign on post and will be completed		AFE #: 19ABCAM001		AFE Estimate: \$131,764.00	
Daily Cost: \$13,347		Previous Cumulative Cost: \$113,891		Cum Cost: \$127,238	
Ground:	729.00 m	KB To TH	m	Open Hole:	mKB
KB to Grd:	5.40 m	Tubing:	73 mm	Bot at:	1390 m
TD (MD):	1,408.60 m	Casing:	139.7 mm	Set at:	1438 m
PBTD:	1,402.00 m	Liner:	mm	Top at:	m
BOP Drill:		BOP Press Test:		Function Test: yes	
SITP:	kPa	SICP:	0 kPa	SCV:	0 kPa
				H ₂ S	%

Remarks:

Needle valves, gauges and bull plugs removed from junk well head for future use and put in well servicing shack @ 1-28 Steen River

Time From	Time To	Hours	Code	Comments
07:00	07:30	0.5	SAFE	Hold operational safety meeting and issue safe work permit.
07:30	07:45	0.25		Rig in New Wave jet cutting equipment
				Read and record well head pressures - zero pressures.
07:45	15:30	7.75		Remove Tubing bonnet and upper well head section and lay down.
				Start jet cutting casing and cut off 2.0 m below ground level as per OROGO specifications
				Backhoe to lift out well head and cut off casing. Remove culvert / cellar. Install casing
				cap/bow spring complete with well data as per OROGO specifications
				Back fill around well center, sloping away from well center
				Hydro dig a sign post hole and install sign post to OROGO specifications, dumping 2 bags of mixed class G cement to secure post. Load well head and culvert in gravel truck.
				Sign will be delivered to Cameron hills tomorrow and will be installed on post
				Vac truck to off load hydro vac and haul sludge/hydrocarbons to Tervita Rainbow lake for recycle and disposal. Waste Manifest # NT22507-7
				Rowes tank truck to fill Hydro Vac and Jet cutting unit with potable water
15:30	17:45	2.25		Travel to 7-33 Ratz, spot Backhoe trailer and gravel truck. Unload backhoe.
				Loosen well head bolts.
17:45	19:00	1.25		Travel back to Steen Camp 7.5 for lodging and fuel - New Wave crew
				Visitors from NWT government - Norman McCowan from Lands & Wendy Bidwell from Water Resources

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 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
	<input type="checkbox"/> WATER	Used	m ³	Cum	25.75 m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum	0 m ³	Rec	m ³
Hours	Service Rig Hours	Daily	hrs	Cumulative	35.00 hrs	DownTime:	hrs
	Personnel on Location	Rig:		Service:	7	Company:	2
	Weather: Sunny cold	Temp	°C	Lease:	graded	Roads:	ice roads
Manager:		Programmed By:					

















 **Strategic**
PARA ET AL CAMERON
00/E-TZ-6030-117.15/0
DATE: 11/15/00

Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2: (403) 318-0083

Tel1: (403) 318-7083

[illegible]

Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Mike Greenwood

Tel2:

Tel1: (403) 318-7083

UWI: 300E726010117150				WELL: Strategic et al Cameron E-72				DATE: 08-Mar-2019			
24 Hr Summary: Haul 5 yards dirt fill to location.								END: 19-Feb-2019			
Formation: Sulphur Point				Surf Loc: E-72 60-10N 117-15W				Licence: 2048		Day #: 5	
Objective: Abandon wellbore			Abandonment Type: Downhole			Serv Rig Start: 15-Feb-2019		Serv Rig End			
Operations at 6:00 : Haul fill dirt to Ratz for well head holes.						AFE #: 19ABCAM001		AFE Estimate: \$131,764.00			
Daily Cost:		\$2,970		Previous Cumulative Cost:				\$101,376		Cum Cost: \$104,346	
Ground:	729.00	m	KB To TH	m	Open Hole:	mKB	Date	Perf Formation	Top	Base	
KB to Grd:	5.40	m	Tubing:	73 mm	Bot at:	1390 m					
TD (MD):	1,408.60	m	Casing:	139.7 mm	Set at:	1438 m					
PBTD:	1,402.00	m	Liner:	mm	Top at:	m					
BOP Drill:		BOP Press Test:			Function Test: yes						
SITP:	kPa	SICP:	0 kPa	SCV:	0 kPa	H ₂ S	%				
Remarks:											

[illegible]

Total:

Equipment on Location:

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 10 ³ m ³	Tubing volume:		m ³			
	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:	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	m ³	Cum	25.75 m ³	Rec	m ³	Cum	0 m ³	To Rec	25.75 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:		Service:		Company:		Total Personnel:	0		
	Weather: Sunny cold	Temp	°C	Lease:	graded			Roads:	ice roads		
Manager:				Programmed By:							

Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:

Tel1: (403) 596-8084

[illegible]

Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:

Tel1: (403) 596-8084

UWI: 300E726010117150				WELL: Strategic et al Cameron E-72				DATE: 17-Feb-2019			
24 Hr Summary: RIH Set & PT BP. Circulate down balanced cement plug. POOH.								END: 19-Feb-2019			
Formation: Sulphur Point				Surf Loc: E-72 60-10N 117-15W				Licence: 2048		Day #: 3	
Objective: Abandon wellbore			Abandonment Type: Downhole			Serv Rig Start: 15-Feb-2019			Serv Rig End		
Operations at 6:00: SET & PT BP. Place cement plug. POOH,						AFE #: 19ABCAM001		AFE Estimate: \$131,764.00			
Daily Cost:		\$26,295		Previous Cumulative Cost:		\$71,977		Cum Cost:		\$98,272	
Ground: 729.00 m		KB To TH m		Open Hole: mKB		Date		Perf Formation		Top Base	
KB to Grd: 5.40 m		Tubing: 73 mm		Bot at: 1390 m							
TD (MD): 1,408.60 m		Casing: 139.7 mm		Set at: 1438 m							
PBDT: 1,402.00 m		Liner: mm		Top at: m							
BOP Drill: yes		BOP Press Test: yes		Function Test: yes							
SITP: vac kPa		SICP: vac kPa		SCV: 0 kPa		H ₂ S %					
Remarks:											
Cold Temperatures in the morning made for a slow start to operations.											
Time FromTime ToHoursCodeComments											
07:0007:300.5SAFEConduct pre job safety and operational meeting with all personnell on location. Discussed H2S, high pressure lines, Suspended loads, rotating equipmnet, third party services, good communication,well control, driving for road conditions.											
07:3008:000.5SHUTRead and record SITP- vac, SICP-vac.											
08:0011:303.5TRPTBGContinue to RIH the tallying out of the derrick. Locate casing collars @ 1357.1 mkb and 1360.4 mkb. Tally correction of 0.31m. Get on depth (correlated to Weatherfords Perforating log dated March 24, 2007). Fill tubing with 4.1m³ of fresh water. Pressure up on tubing to 14 MPA and set BP C.E. at 1363.0 mkb. Pull 12,000 daN over string weight to packoff element Breaking lower slips. Rotate off of BP.											
11:3013:001.5PTSTFill casing with fresh water took 2.5m³ to fill hole. Let wellbore stabalize for 1 hour while air migrates to surface. Pressure test wellbore to 7000 kpa for 15 minutes. Solid pressure test. Starting pressure 7021 kpa finishing pressure 7012 kpa.											
13:0015:302.5CIRCMix 0.6m³ of Class "G" cement at a weight of 1700 kg/m. Displace 0.5m³ of cement with 4.05m³ of fresh water to balance plug, on top of permanent BP. Rotate while pulling and laying down the next 6 joints. Forward circulate 17.5m³ of 0.5% CRW132 inhibited fresh water.											
15:3017:302TRPTBGPOOH laying tubing down side ways.											
17:3018:000.5SDFNSecure well and location. Fuel and winterize all equipment. Drain pump and lines. SDFN.											
Total: 11											
Equipment on Location:											
Reservoir Fluids SummaryReset <input type="checkbox"/> Gas:Daily: 10³m³/dCum: 0 10³m³Tubing volume: m³											
Cums <input type="checkbox"/> Oil or Condensate:Daily: m³Cum: 0 m³Csg. ann vol: m³											
<input type="checkbox"/> Water:Daily: m³Cum: 0 m³Open hole vol: m³											
Time Swabbed/Flowed:Daily: 0.00 hrsCum: hrsTotal: 0 m³											
Load FluidsReset <input type="checkbox"/> OILUsed m³Cum 0 m³Rec m³Cum 0 m³To Rec 0 m³											
Cums <input type="checkbox"/> WATERUsed 7.75 m³Cum 25.75 m³Rec m³Cum 0 m³To Rec 25.75 m³											
<input type="checkbox"/> OTHERUsed m³Cum 0 m³Rec m³Cum 0 m³To Rec 0 m³											
HoursService Rig HoursDaily 11.00 hrsCumulative 35.00 hrsDownTime: hrsCumulative DownTime: hrs											
Personnel on LocationRig: 6Service: 4Company: 1Total Personnel: 11											
Weather: Sunny coldTemp -18 °CLease: gradedRoads: ice roads											
Manager:Programmed By:											

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:

Tel1: (403) 596-8084

UWI: 300E726010117150		WELL: Strategic et al Cameron E-72		DATE: 16-Feb-2019	
24 Hr Summary: Test BOP's, Kill Well, Nipple up BOP's, POOH with Prod. Tbg.					END: 19-Feb-2019
Formation: Sulphur Point		Surf Loc: E-72 60-10N 117-15W		Licence: 2048	Day #: 2
Objective: Abandon wellbore		Abandonment Type: Downhole		Serv Rig Start: 15-Feb-2019	Serv Rig End:
Operations at 6:00: Test BOP's, Kill Well, Nipple up BOP's. POOH with Prod. Tbg			AFE #: 19ABCAM001	AFE Estimate: \$131,764.00	
Daily Cost: \$19,986		Previous Cumulative Cost: \$51,991		Cum Cost: \$71,977	
Ground:	729.00 m	KB To TH:	m	Open Hole:	mKB
KB to Grd:	5.40 m	Tubing:	73 mm	Bot at:	1390 m
TD (MD):	1,408.60 m	Casing:	139.7 mm	Set at:	1438 m
PBTD:	1,402.00 m	Liner:	mm	Top at:	m
BOP Drill: yes		BOP Press Test: yes		Function Test: yes	
SITP:	4888 kPa	SICP:	7283 kPa	SCV:	0 kPa
				H ₂ S	%

Remarks:

Time From	Time To	Hours	Code	Comments
07:30	08:00	0.5	SAFE	Conduct pre job safety and operational meeting with all personnell on location. Discussed H2S, high pressure lines, Suspended loads, rotating equipmnet, third party services, good communication, new workers to location and industry, well control.
08:00	08:15	0.25	SHUT	Read and record SITP- 4888 kpa, SICP-7283 kpa.
08:15	08:30	0.25	SCVF	Perform a 10 minute bubble test. Zero bubbles in 10 minutes.
08:30	09:30	1	RIG	Heat BOP's. Change over pipe rams and handling equioment from 60.3mm to 73mm. Rig in accumulator lines.
09:30	12:00	2.5	BOPS	Function test BOP's. Stump test blind rams to 1.4 mpa and 21 mpa for 10 minutes each. Good test. Install landing pup joint c/w TIW safety valve. Fill BOP's and pup joint with fresh water. Stump test 60.3mm pipe rams and TIW safety valve to 1.4 and 21 mpa for 10 minutes each. Good test. Pressure test annular to 1.4 mpa and 7 mpa for 10 minutes each. Good test
12:00	13:30	1.5	KILL	Record SIP. Open casing and begin to bleed down. Bring pump on line at 0.5m ³ pumping down tubing at 5 mpa. Hold casing pressure constant at 6000 kpa for 4.5m ³ . Adjust choke to hold pump pressure constant @ 2000 kpa for 20.5m ³ till good clean fresh water returns and no gas. Recovered a total 6.8m ³ of fluid and 1.16 10 ³ m ³ of gas over a duration of 1 hour. Shut in well and record pressures. Tbg on vac. Csg side vac.
13:30	15:30	2	BOPS	Remove well head. Pull tubing hanger and install 0.64m pup joint to put tubing string in compression. Reland tubing hanger. Install new ring gasket and BOP's. Pressure test ring gasket and 73mm pipe rams to 1.4 mpa and 21 mpa for 10 minutes each. Pressure test annular to 1.4 mpa and 7 mpa for 10 minutes each. Both good tests. Rig in work floor and handling

Total: 12

Equipment on Location:

Reservoir Fluids Summary	<input type="checkbox"/> Gas:	Daily:	10 ³ m ³ /d	Cum:	0 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
	<input type="checkbox"/> WATER	Used	18 m ³	Cum	18 m ³	Rec	m ³
	<input type="checkbox"/> OTHER	Used	m ³	Cum	0 m ³	Rec	m ³
Hours	Service Rig Hours	Daily	12.00 hrs	Cumulative	24.00 hrs	DownTime:	hrs
	Personnel on Location	Rig:	6	Service:	5	Company:	1
	Weather: overcast	Temp	-25 °C	Lease:	graded	Total Personnel:	12
Manager:		Programmed By:					



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

Field Ticket
Contact
Phone

P93019

Chad Rookes

(780)512-5009

Customer Information

Company Name	Strategic Oil & Gas	Date	February 16, 2019
Surface Location	E-72	AFE No.	
UWI	E-72	Contract	
Rig Name & #	Global # 5	Co. Rep	Jack Harvey
Area	Steen River	Code #	

Wellhead Tubing Inspection

Qty	Description	Unit Price	Total
145	Joints of 73.0mm, 9.67Kg, J55, EUE Tubing Inspected	\$ 15.00	\$ 2,175.00
420	Kms From Base & Return	\$ 1.50	\$ 630.00

Sub Total	\$ 2,805.00
10% Discount	\$ -280.50
New Sub Total	\$ 2,524.50
GST	\$ 126.23
Total	\$ 2,650.73

Ultra Sonic Measurements		
Jt #	Wall Min	Wall Max
1	0.219	0.224
52	0.219	0.222
101	0.219	0.222

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

0-15%	Yellow	140
16-30%	Blue	2
31-50%	Green	2
51+%	Red	1
Total		145

Order of Tubing Pulled	
141	73mm Eue J55 Tubing
1	Anchor
3	73mm Eue J55 Tubing
1	Pump Seating Nipple
1	73mm Perforated Pup 1.26m
1	73mm Eue J55 Tubing

Notes	Time Requested	1:00 PM	Inspection Start Time	3:45 PM
Tubing was mostly Yellow band but has pitting in most of it. Joints 60 to 62 were red, Green and Blue band.				

Inspector Cyril Gorman

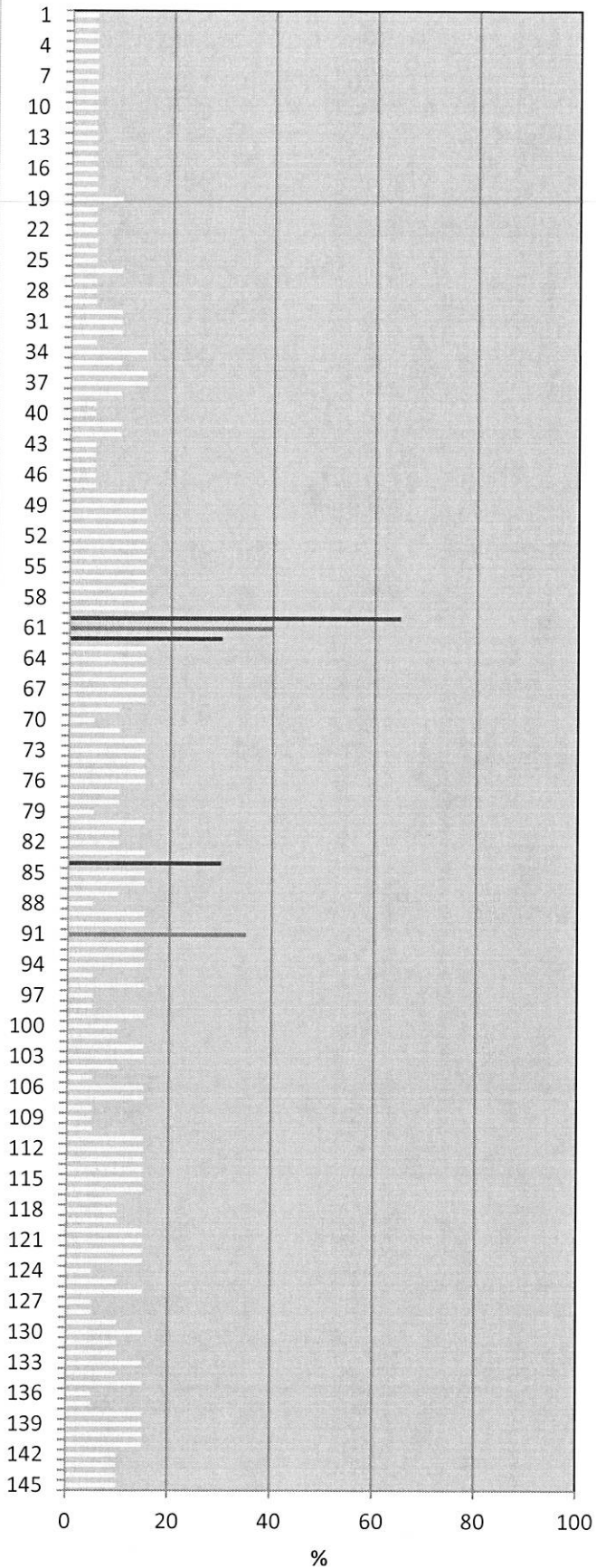
Customer _____

Jt#	Wall Loss	Pitting	Damage
1	5	5	
1	Ultrasonic Wall Min: 0.219 Max: 0.224		
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	5	
17	5	5	
18	5	5	
19	5	10	Pitting
20	5	5	
21	5	5	
22	5	5	
23	5	5	
24	5	5	
25	5	5	
26	5	10	Pitting
27	5	5	
28	5	5	
29	5	5	
30	5	10	Pitting
31	5	10	Pitting
32	5	10	Pitting
33	5	5	
34	5	15	Pitting
35	5	10	Pitting
36	5	15	Pitting
37	5	15	Pitting
38	5	10	Pitting
39	5	5	
40	5	5	
41	5	10	Pitting
42	5	10	Pitting
43	5	5	
44	5	5	
45	5	5	
46	5	5	
47	5	5	
48	5	15	Pitting
49	5	15	Pitting
50	5	15	Pitting

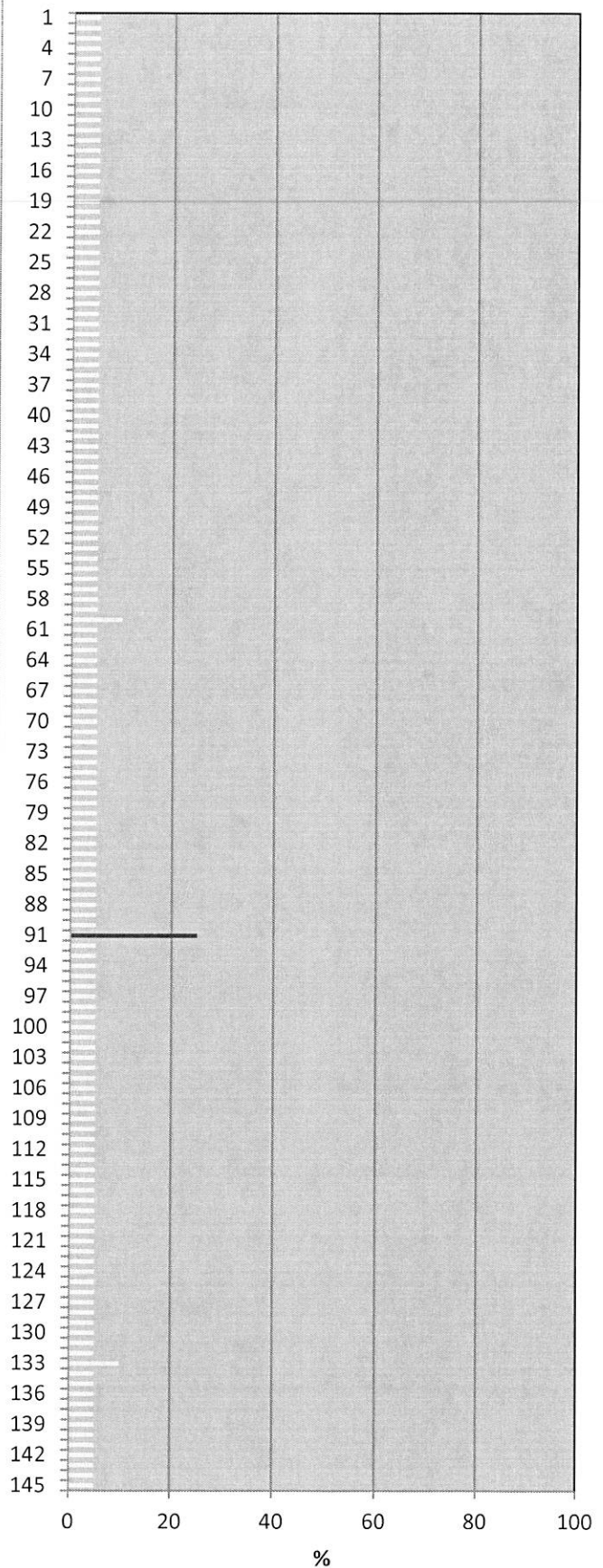
Jt#	Wall Loss	Pitting	Damage
51	5	15	Pitting
52	5	15	Pitting
52	Ultrasonic Wall Min: 0.219 Max: 0.222		
53	5	15	Pitting
54	5	15	Pitting
55	5	15	Pitting
56	5	15	Pitting
57	5	15	Pitting
58	5	15	Pitting
59	5	15	Pitting
60	10	65	Wall Loss & Pitting
61	5	40	Pitting
62	5	30	Pitting
63	5	15	Pitting
64	5	15	Pitting
65	5	15	Pitting
66	5	15	Pitting
67	5	15	Pitting
68	5	15	Pitting
69	5	10	Pitting
70	5	5	
71	5	10	Pitting
72	5	15	Pitting
73	5	15	Pitting
74	5	15	Pitting
75	5	15	Pitting
76	5	15	Pitting
77	5	10	Pitting
78	5	10	Pitting
79	5	5	
80	5	15	Pitting
81	5	10	Pitting
82	5	10	Pitting
83	5	15	Pitting
84	5	30	Pitting
85	5	15	Pitting
86	5	15	Pitting
87	5	10	Pitting
88	5	5	
89	5	15	Pitting
90	5	15	Pitting
91	25	35	Wall Loss & Pitting
92	5	15	Pitting
93	5	15	Pitting
94	5	15	Pitting
95	5	5	
96	5	15	Pitting
97	5	5	
98	5	5	
99	5	15	Pitting
100	5	10	Pitting

Jt#	Wall Loss	Pitting	Damage
101	5	10	Pitting
101	Ultrasonic Wall Min: 0.219 Max: 0.222		
102	5	15	Pitting
103	5	15	Pitting
104	5	10	Pitting
105	5	5	
106	5	15	Pitting
107	5	15	Pitting
108	5	5	
109	5	5	
110	5	5	
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	10	Pitting
118	5	10	Pitting
119	5	10	Pitting
120	5	15	Pitting
121	5	15	Pitting
122	5	15	Pitting
123	5	15	Pitting
124	5	5	
125	5	10	Pitting
126	5	15	Pitting
127	5	5	
128	5	5	
129	5	10	Pitting
130	5	15	Pitting
131	5	10	Pitting
132	5	10	Pitting
133	10	15	Wall Loss & Pitting
134	5	10	Pitting
135	5	15	Pitting
136	5	5	
137	5	5	
138	5	15	Pitting
139	5	15	Pitting
140	5	15	Pitting
141	5	15	Pitting
142	5	10	Pitting
143	5	10	Pitting
144	5	10	Pitting
145	5	10	Pitting

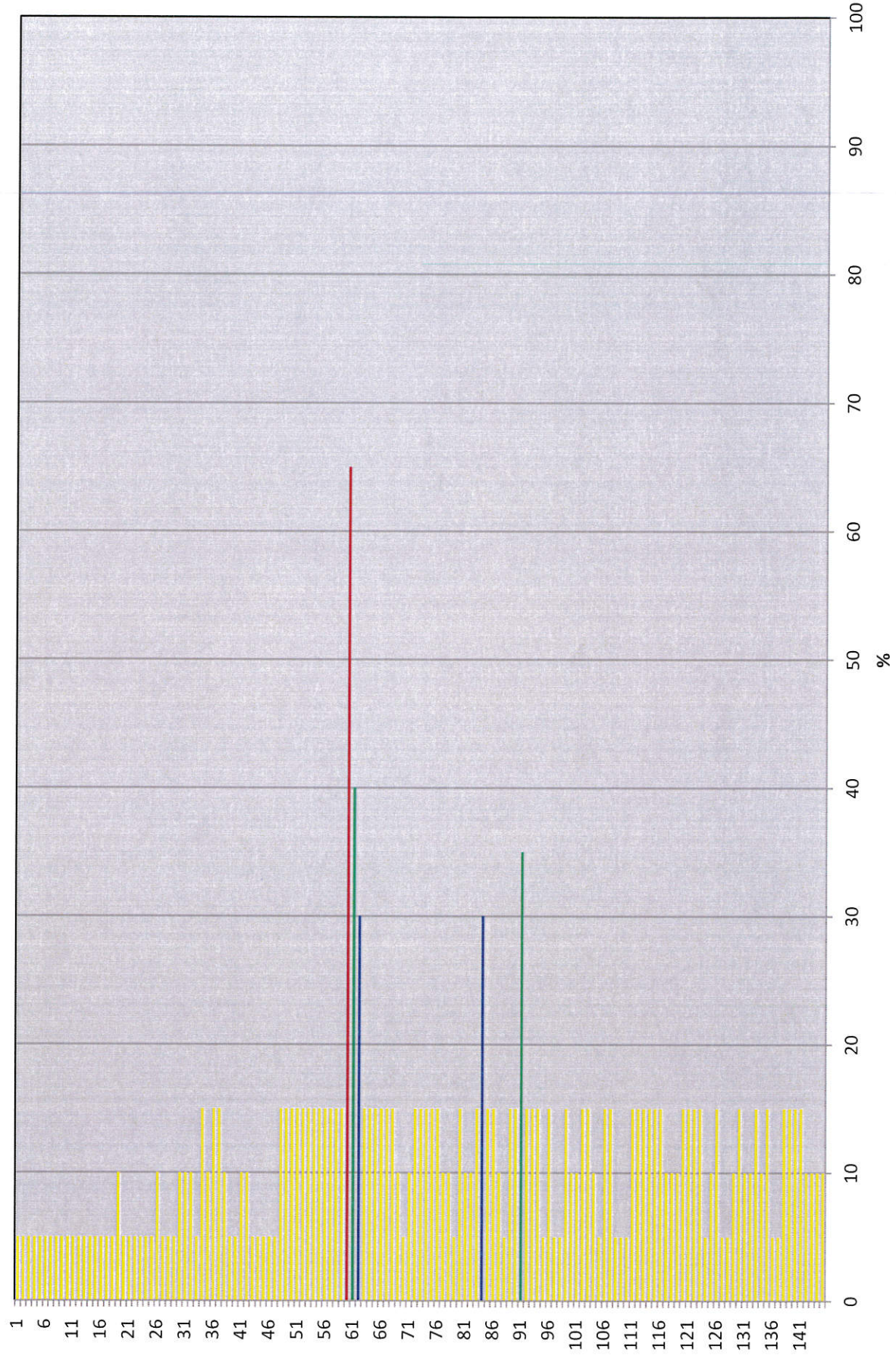
Pitting 1 to 145



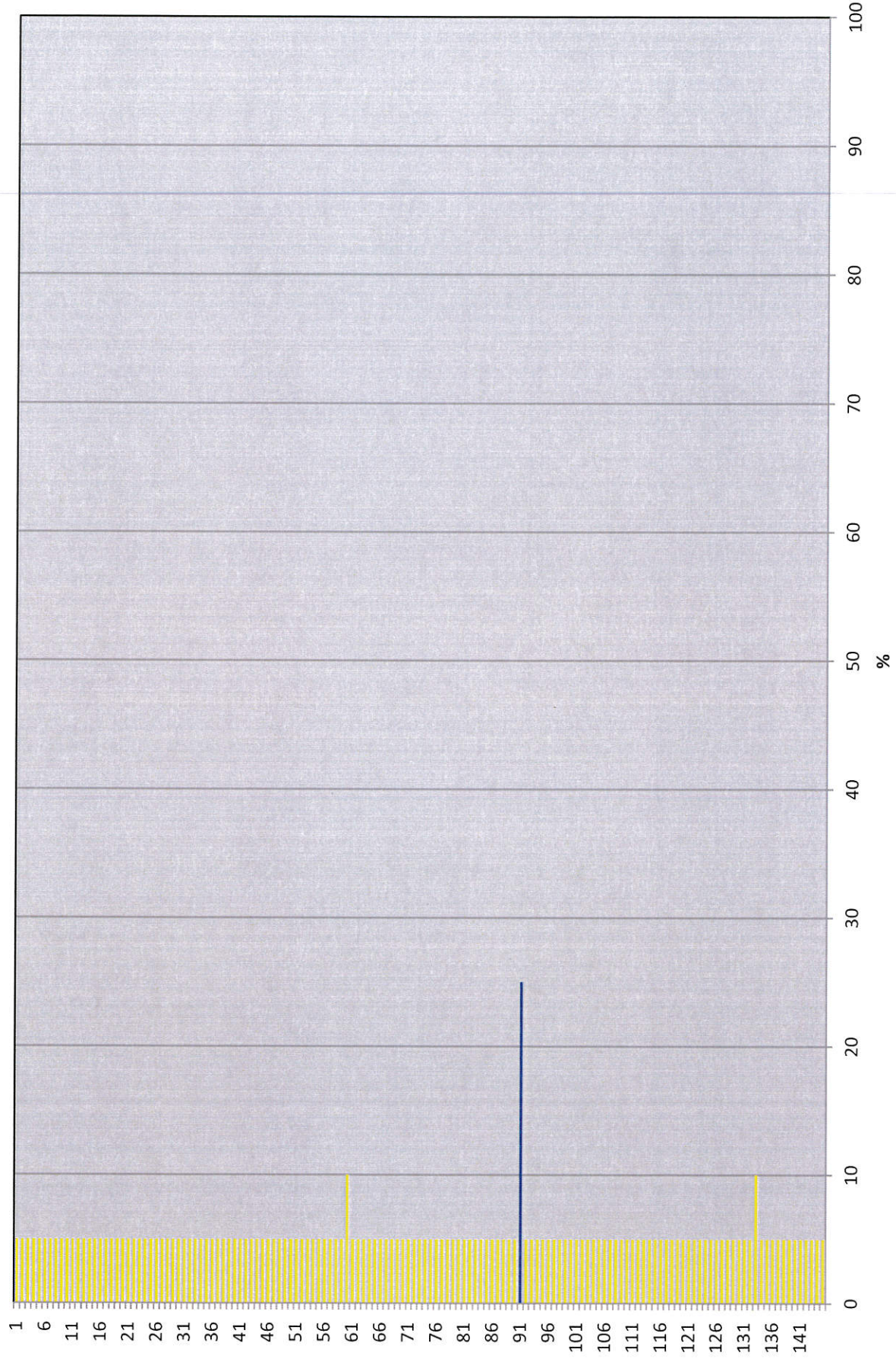
Wall Loss 1 to 145



Pitting 1 to 145



Wall Loss 1 to 145



Daily Abandonment Report

Operator: Strategic Oil & Gas Ltd.

Reporting To: Ken Nikiforuk

Consultant: Jack Harvey

Tel2:

Tel1: (403) 596-8084

UWI: 300E726010117150				WELL: Strategic et al Cameron E-72				DATE: 15-Feb-2019					
24 Hr Summary: MIRU Service rig and support, P-tank, Flare Stack, Air Trailer, Boiler, and all								END: 19-Feb-2019					
Formation: Sulphur Point				Surf Loc: E-72 60-10N 117-15W				Licence: 2048		Day #: 1			
Objective: Abandon wellbore			Abandonment Type: Downhole			Serv Rig Start: 15-Feb-2019			Serv Rig End				
Operations at 6:00: MIRU all support equioment						AFE #: 19ABCAM001		AFE Estimate:		\$131,764.00			
Daily Cost:		\$51,991		Previous Cumulative Cost:				\$0		Cum Cost: \$51,991			
Ground:		729.00	m	KB To TH		m	Open Hole:		mKB	Date	Perf Formation	Top	Base
KB to Grd:		5.40	m	Tubing:		73	mm	Bot at:		1390	m		
TD (MD):		1,408.60	m	Casing:		139.7	mm	Set at:		1438	m		
PBTD:		1,402.00	m	Liner:			mm	Top at:			m		
BOP Drill:			BOP Press Test:			Function Test:							
SITP:		kPa	SICP:		kPa	SCV:		kPa	H ₂ S	%			

Remarks:

Note: Pump truck had transmission issues which caused for a slow rig move.

Time From	Time To	Hours	Code	Comments
07:00	07:30	0.5	SAFE	Conduct pre job safety and operational meeting with all personnel on location. Orientate new workers, and issue safe work permits. Discussed heavy equipment, load securement for out of
				field moves, discussed driving for road conditions, towing operations at zero hill, use of
				spotters, tag lines on suspended loads.
07:30	13:30	6	MOVE	Load equipment on to trucks and travel from km 7 on West Rim Trail to location. Perform a
				lease sweep to ensure no H2S or LEL's. Spot all equipment in accordance with OROGO, SOG, and
				Global Well Servicing practiced specs.
13:30	14:00	0.5	SAFE	Conduct pre rig in safety meeting discuss requirements for NWT operations regarding all Boiler
				lines, kill procedures, recording all gas volumes, and rate and duration times of any gas
				flared.
14:00	19:00	5	RIG	Rig in Service rig and all support equipment. Ensure all equipment has drip trays, and all
				kill and boiler lines are equipped with drip trays. Get boiler firing and a head of steam and
				get steam heaters going on wellhead and it tarped in for the night. Get steam to pump and tank
				and p-tank. Haul in 50m of fresh water and load into clean 400bbl tank. Fuel and winterize
				all equipment. Secure location. SDFN. Turn lease over to boiler watchman.

Total:	12
--------	----

Equipment on Location:

Reservoir Fluids Summary	Reset <input type="checkbox"/> Gas:	Daily:	10 ³ m³/d	Cum:	10 ³ m³	Tubing volume:		m³				
	Cums <input type="checkbox"/> Oil or Condensate:	Daily:	m³	Cum:	m³	Csg. ann vol:		m³				
	<input type="checkbox"/> Water:	Daily:	m³	Cum:	m³	Open hole vol:		m³				
	Time Swabbed/Flowed:		Daily:	0.00 hrs	Cum:	hrs	Total:		0 m³			
Load Fluids	Reset <input type="checkbox"/> OIL	Used	m³	Cum	m³	Rec	m³	Cum	m³	To Rec	m³	
	Cums <input type="checkbox"/> WATER	Used	m³	Cum	0 m³	Rec	m³	Cum	0 m³	To Rec	0 m³	
	<input type="checkbox"/> OTHER	Used	m³	Cum	m³	Rec	m³	Cum	m³	To Rec	m³	
Hours	Service Rig Hours		Daily	12.00 hrs	Cumulative	12.00 hrs	DownTime:		hrs	Cumulative DownTime:		hrs
	Personnel on Location		Rig:	6	Service:	9	Company:		1	Total Personnel:		16
	Weather: overcast		Temp	-20 °C	Lease: graded					Roads: ice roads		
Manager:				Programmed By:								