



**Alvarez & Marsal Canada Inc.**  
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Phone: +1 403 538 7555  
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April 11, 2023

**Office of the Regulator of Oil and Gas Operations**  
PO Box 1320, Yellowknife, NT X1A 2L9  
[Pauline\\_DeJong@gov.nt.ca](mailto:Pauline_DeJong@gov.nt.ca); [Mike\\_Martin@gov.nt.ca](mailto:Mike_Martin@gov.nt.ca); [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca)

**RE: OROGO Final Operations Report – Cameron C16 – OA-2018-003-SOG**

As you are aware, on January 28, 2020 (the “**Receivership Date**”), the Court of Queen’s Bench of Alberta (the “**Court**”) granted an Order pursuant to section 243 of the Bankruptcy and Insolvency Act, RSC 1985, c. B-3 and section 13(2) of the Judicature Act, RSA 2000, c. J-2, whereby Alvarez and Marsal Canada Inc. (the “**NWT Receiver**”) was appointed Receiver, without security, of all of the current and future assets, undertakings and properties of Strategic Oil and Gas Ltd. and Strategic Transmission Ltd. (collectively, “**Strategic**” or the “**Company**”) situated in the Northwest Territories (the “**NWT Property**”). For further information on the Receivership proceedings, please visit the NWT Receiver’s website at: [www.alvarezandmarsal.com/sog](http://www.alvarezandmarsal.com/sog).

The NWT Receiver, the Government of the Northwest Territories and ELM Inc. (“**ELM**”) entered into an abandonment agreement for the purposes of completing the abandonment work required by the office of the Regulator of Oil and Gas Operations (“**OROGO**”).

The NWT Receiver respectfully endorses the submission made by ELM to OROGO for the purposes of this final operations report.

Should you have any questions or require further information, please contact the undersigned at [dmacrae@alvarezandmarsal.com](mailto:dmacrae@alvarezandmarsal.com).

Yours truly,

**Alvarez & Marsal Canada Inc., in its capacity as Receiver of  
Strategic Oil & Gas Ltd. and Strategic Transmission Ltd.’s NWT Properties  
and not in its personal or corporate capacity**

cc: Christopher Gagnon [Christopher@elminc.ca](mailto:Christopher@elminc.ca)

*Encl.*

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April 11, 2023

**Office of the Regulator of Oil and Gas Operations**  
PO Box 1320  
Yellowknife NT, X1A 2L9

By Email: [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca)

**RE: Final Operations Report – Cameron C-16 (ACW-2021-SOG-C-16-WID 2001)**

ELM Inc, acting on behalf of Alvarez & Marsal Canada Inc in their capacity as the receiver for Strategic Oil and Gas Ltd submits the following documents as part of the final reporting for this well.

1. Well Termination Record
2. Morning Reports
3. Final well schematic
4. Photographs from cut and cap operation.

The change of well status form will be sent as a separate attachment.

Should you have any questions or require further information, please contact the undersigned at  
[christopher@elminc.ca](mailto:christopher@elminc.ca)

Sincerely,

Christopher Gagnon, EIT

ELM Inc, acting as a consultant to Alvarez & Marsal Canada Inc

## WELL TERMINATION RECORD

**INSTRUCTIONS:**

1. Complete both pages.
2. Send one electronic copy of this form and supporting technical documentation by email to [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca). If you wish to communicate with OROGO in hard copy, please do so using the courier address found at [www.orogo.gov.nt.ca](http://www.orogo.gov.nt.ca).

**WELL INFORMATION**

Well Name	Strategic et al Cameron C-16	Operator	Strategic Oil & Gas Ltd
Well Type	Delineation Well (if Other, specify _____)	Contractor	Elm Inc
Well Identifier	2001	Current Well Status	Abandoned

**RELATED LICENCES AND AUTHORIZATIONS**

Operating Licence No.	NWT-OL-2014-007	Operations Authorization	OA - 2018-003-SOG
PRA Licence No.	Production Licence 19	Approval to Alter Condition of Well	ACW - 2021-SOG-C-16-WID 2001

**LOCATION INFORMATION**

Coordinates      Datum: NAD83 (if Other, please specify \_\_\_\_\_)

Surface	Lat 60° 5' 3"	Long 117° 33' 3"
Bottom Hole	Lat 60° 5' 3"	Long 117° 33' 3"

Region: South Sl<sup>e</sup> Unit C      Section 16      Grid 60-10N 117-30W

**ACTIVITY INFORMATION**

Target Formation(s)	Sulphur Point	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	758.82 m	Ground Level / Seafloor	754.2 m
Spud/Re-entry Date	5 days	Total Depth	1454 m KB
Rig Release Date	January 11, 2023	Total Vertical Depth	1454 m KB

**CASING AND CEMENTING PROGRAM**

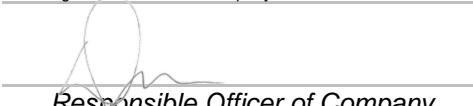
O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
219.1	35.72	J-55	430	24.3
139.7	20.83	J-55	1454	37.3



PLUGGING PROGRAM				
Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
Bridge	1349-1389	Select	1389.09	0.5
Select	-	Select		
Select	-	Select		
Select	-	Select		

PERFORATION	
Interval (m KB)	Comments
1400.5-1420.0	Sulphur Point - Abandoned
-	
-	
-	

OTHER	
Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	none
Provision for Re-entry (Describe and attach sketch)	Vented cap 2.2 meters below ground level
Other Downhole Completion/Suspension	
Additional Comments	

<i><b>"I certify that the information provided on this form is true and correct"</b></i>			
Name	Duncan MacRae	Phone	( 403)538-7514Ext
Title	Vice President	E-Mail	dmacrae@alvarezandmarsal.com
Operator	Alvarez & Marsal Canada Inc., in its capacity as receiver of Strategic Oil & Gas's NWT Property		
Signature	 <i>Responsible Officer of Company</i>	Date	April 11, 2023

**NOTE:** This sheet is protected. Unprotect the sheet to make changes and protect once complete.

	<b>DAILY REPORT</b>		
CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE:	January 7, 2023
UWI:	300/C-16 60-10N 117-30W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$156,111.90
Project Descriptor:	Well Abandonments		
Cost Coding	Surface Location	60.084171, -117.550893	AREA
	License	2001	

#### EXECUTIVE SUMMARY:

NWT App: ACW-2021-SOG-C-16-WID 2001

Day 1: Move in WSK Rig #4, spot and rig in all equipment. **Wellbore ready to pull Tbg plugs.**

Day 2: Pull Tbg plug, circulate wellbore over to fresh water, unset packer, SCVF test 0 bubbles in 10 minutes. **Wellbore ready to pull TBG, set PBP, downhole abandonment**

Day 3: Pull Tally Tbg, run in PBP assembly set as per program, complete down hole abandonment as per OROGO regs, SCVF test 0 bubbles in 10 minutes. **Well bore ready for Cement Bond Log**

Day 4: Move in E-Line Unit, complete Radial Cement Bond Log from cement top to surface. **Wellbore ready for pressure Radial Bond Log pressure pass**

Day 5: Start and warm up equipment, complete Radial Bond Log Pressure pass, send info into office, bond approved. **Wellbore ready for cut/cap**

Day 6: No bubbles on surface vent. Conduct cut and cap on well. Well cut off 2.2 meters below existing ground level

**DAILY REPORT**

<b>CLIENT:</b>	Strategic Oil & Gas C/O Alvarez & Marsal	<b>DATE :</b>	January 7, 2023
<b>UWI:</b>	300/C-16 60-10N 117-30W	<b>Report #:</b>	1
<b>PROJECT MANAGER:</b>	Christopher Gagnon	<b>AFE #:</b>	
<b>PROJECT NUMBER:</b>	STRA050	<b>AFE Amount:</b>	\$156,111.90
<b>Previous Costs to Date:</b>	<b>\$0.00</b>	<b>Current Days Costs:</b>	<b>\$24,555.00</b>
<b>OPERATIONS SUMMARY:</b>	Move in service rig and all support equipment, spot and space out equipment, stump test BOP stack, SDFN		

**SUPERVISION CHARGES****Add new line to ELM CHARGES**

<b>SERVICE PROVIDED</b>	<b>Number of units</b>	<b>UNIT</b>	<b>RATE</b>	<b>RESOURCE NAME</b>	<b>Site Supervisor</b>	<b>AMOUNT</b>
Project Supervisor	1.00	day	\$1,200.00		Warren Watson	\$1,200.00
Mileage (Minimum Charge)	1.00	Day	\$150.00			\$150.00
						\$0.00
						\$0.00
						\$0.00
					<b>SUBTOTAL</b>	<b>\$1,350.00</b>
					<b>Management Fee:</b>	<b>\$0.00</b>
					<b>ELM TOTAL</b>	<b>\$1,350.00</b>

**THIRD PARTY CHARGES****Add new line to THIRD PARTY CHARGES**

<b>SERVICE PROVIDED</b>	<b>MAN HOURS</b>	<b>PO#</b>	<b>TICKET #</b>	<b>CONTRACTOR</b>	<b>SUBTOTAL</b>	<b>Est.</b>	<b>AMOUNT</b>
Service Rig	11.00		SR4-864	WSK Well Services	\$15,695.00		\$15,695.00
Production testers	12.00		15855	Proflo	\$2,312.00		\$2,312.00
Air Hand	12.00		H2S00004823	Firemaster	\$1,018.00		\$1,018.00
Water Truck			69331	Elite Vac&Steam	\$3,605.00		\$3,605.00
Flameless Heater				Conley max	\$450.00	✓	\$450.00
Light Tower				Pinnacle	\$125.00	✓	\$125.00
							\$0.00
<b>MAN HOURS TOTAL</b>	<b>35.00</b>				<b>SUBTOTAL</b>		<b>\$23,205.00</b>
					<b>Management Fee:</b>		<b>\$0.00</b>
					<b>THIRD PARTY TOTAL</b>		<b>\$23,205.00</b>

To add a line in text box use "alt enter"

Time	Well Abandonments
8:00:00 AM	Arrived on 300/F73 60-10N 117-15W, held tail gate meeting with all personal and covered all safety hazards. Note: confirmed with office no further cement remedial work was required on well bore.
10:00 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease deficiencies, Weather Clear, Calm -4 C, Held Safety and Operational meeting with WSK Rig Crew, Proflo testing, Air Hand personal discussed following: Slips, trips and falls, (watered froze in location)boot cleats/studs required, uneven location, spotters when backing up, pinch points, hand and body placement, cold working conditions, very slippery around well head. Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points. SITP - 66 kPa SICP - 45 kPa, sample for H2S 0% H2S completed SCVF test 0 bubbles in 10 minutes. Moved in spotted and spaced out service rig and all support equipment to all OROGO, ELM space out regulations, stood rig functioned E-kill, crown saver (all good). Rig in high pressure line and stump tested BOP stack to following: Blind rams - 1400 kPa (low), 21000 kPa (high) held low/high for 10 minutes, bleed off pressures Installed 73.0 mm test pup joint and tightened in stabbing valve - 1400 kPa (low), 21000 kPa (high) held low/high for 10 minutes, bleed off pressures Closed annular bag on pup joint, pressure tested - 1400 kPa (low), 7000 kPa (high) held low/high for 10 minutes, bleed off pressures Shut down accumulator pump, functioned BOPs 3 times. Start pressure 17150 kPa, 3 functions 12250 kPa. Accumulator N2 bottle pressures Bottle#1 14000 kPa, Bottle #2 14000 kPa, Bottle #3 14000 kPa, Bottle #4 14000 kPa, back up bottle 17500 kPa Started accumulator pump 32 seconds to recharge system.
19:30 PM	Drained all lines, winterized all equipment. Planned go forward work activities for tomorrow, rig in BOP stack rig test BOPs, pull Tbg plugs, unset packer assembly, commence pulling Tbg.



CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	January 8, 2023	
UWI:	300/C-16 60-10N 117-30W		Report #:	2	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$156,111.90	% of AFE spent:	31%
Previous Costs to Date:	\$24,555.00	Current Days Costs:	\$24,252.50	Total Cost to Date:	\$48,807.50
OPERATIONS SUMMARY:	Start and warm up equipment, Install class III stump tested BOP stack and tighten down, rig in slick line unit pull G-pack off, shift sliding sleeve open, forward circulate well bore over to fresh water, unset packer assembly. SDFN				

## SUPERVISION CHARGES

Add new line to ELM CHARGES

SERVICE PROVIDED	Number of units	UNIT	RATE	RESOURCE NAME	Site Supervisor	AMOUNT
Project Supervisor	1.00	day	\$1,200.00		Warren Watson	\$1,200.00
Mileage (Minimum Charge)	1.00	Day	\$150.00			\$150.00
						\$0.00
						\$0.00
						\$0.00
					SUBTOTAL	\$1,350.00
					Management Fee:	\$0.00
					ELM TOTAL	\$1,350.00

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Service Rig			SR4-865	WSK Well Services	\$15,885.00		\$15,885.00
Production Testers			15856	Proflo	\$2,295.00		\$2,295.00
Air Hand			H2S00004824	Firemaster	\$990.00		\$990.00
Water truck			69331	Elite Vac&Steam	\$0.00		\$0.00
Flameless Heater				Conley Max	\$450.00	✓	\$450.00
Light Tower				Pinnacle	\$125.00	✓	\$125.00
Slick Line Unit			0027-00127	Maverick Specialties	\$3,157.50		\$3,157.50
							\$0.00
MAN HOURS TOTAL	0.00				SUBTOTAL		\$22,902.50
					Management Fee:		\$0.00
					THIRD PARTY TOTAL		\$22,902.50

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Time	Well Abandonments
7:30:00 AM	Arrived on location bump test and sweep location with 4 head IEL monitor, recorded spills and other lease deficiencies, Weather Clear, Calm -12 C
08:00 AM	Held Safety and Operational meeting with WSK Rig Crew, Proflo testing, Air Hand personal discussed following: Slips, trips and falls, (watered froze in location) boot cleats/studs required, uneven location, spotters when backing up, pinch points, hand and body placement, cold working conditions, very slippery around well head, possible muddy location(depending on temperature).
08:30 AM	Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points, High pressure lines, chemical (H2S scavenger). SITP - 15 kPa SICP - 41 kPa, sample for H2S 0% H2S completed SCVF test 0 bubbles in 10 minutes. Bleed Tbg/Csg pressure off into pale to safe working pressure and dump fluid in rig tank. Rig out and lay out flowing well head section (visually inspect top of Tbg hanger), install stump tested Pup Joint and stabbing valve (open position). Lubricated and backed out lock down screws (left 2 lock down tight on hanger) Rig in stump tested BOP stack, rig in high pressure pump line, close Tbg rams on pup joint, filled and completed well head ring test 1400 kPa (low), 21000 kPa (high), held both low and high for 10 minutes (all good). Moved in spotted and rigged up Slick Line Unit, held tail gate meeting, discussed following: muster points, pinch points, stay out from under slick line when operating, slips/trips/falls. Rig in 73.0 mm slick line adaptor flange, to full opening gate master valve Rig in lubricator (C/W slick line tool string 59.61 mm gauge ring), tightened down lubricator, rigged in high pressure pump line to closed valve, pressured up to 1000 kPa no leaks, open fluid valve and 73.0 mm Tbg gate valve, pressured up Tbg to 5000 kPa, ran in hole and tagged top of plug assembly <b>97.0 mCF</b> Pulled to surface gauge ring assembly shut in master leaving 5000 kPa on Tbg, bleed off lubricator, rigged out lubricator and laid down gauge ring assembly Rig in lubricator (C/W slick line tool string "A" stop pulling tool assembly), filled and pressured up lubricator to 5000 kPa, opened master valve, ran in hole tagged top of "A" stop assembly, pulled "A" stop assembly free, pulled to surface, shut in master leaving 5000 kPa on Tbg, bleed off lubricator and laid down "A" stop pulling tool and "A" stop tool assembly. Rig in lubricator (C/W slick line tool string G-Pack off equalizing tool assembly), filled and pressured up lubricator to 5000 kPa, opened master valve, increased pressure to 9000 kPa, ran in hole tagged top of G-pack off tool assembly spanged on equalizing tool assembly, monitoring Tbg pressure, pressure dropped from 9000 kPa to 200 kPa, decision was made that G-Pack was equalized, pulled tool string to surface, continue monitoring pressure, pressure bled to 0 kPa, checked Tbg for H2S 0%. Rig in lubricator (C/W slick line tool string collar stop pulling tool assembly), opened master valve, ran in hole tagged top of collar stop assembly, latched onto assembly, pulled collar stop assembly free, pulled to surface, checked Tbg for pressure 0 kPa, checked for H2S 0% H2S, rigged and laid down collar stop pulling tool and assembly. Rigged out cleaned up location and released slick line unit Rigged in high pressure pump line and return line, forward circulated wellbore over to fresh water. Latched onto Tbg string, pulled Tbg and unset packer assembly. Let packer elements relax, pulled 2-3 m to ensure packer was unset. Relanded Tbg hanger assembly. Crews had coffee, lunch and warm up breaks. SDFN Planned go forward operations, pull, tally and stand Tbg, make up run in hole and set PBP assembly as per program, down hole abandonment complete.
19:00 PM	



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	January 9, 2023	
UWI:	300/C-16 60-10N 117-30W		Report #:	3	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$156,111.90	% of AFE spent:	51%
Previous Costs to Date:	\$48,807.50	Current Days Costs:	\$30,637.04	Total Cost to Date:	\$79,444.54
OPERATIONS SUMMARY:	Start and warm up equipment, pull, tally and stand Tbg, make up run in hole PBP, set as per program, complete down hole abandonment as per OROGO regulations, pull and lay out 600 m Tbg, pull and stand remaining Tbg.				

## SUPERVISION CHARGES

Add new line to ELM CHARGES

SERVICE PROVIDED	Number of units	UNIT	RATE	RESOURCE NAME	Site Supervisor	AMOUNT
Project Supervisor	1.00	day	\$1,200.00	Warren Watson		\$1,200.00
Mileage (Minimum Charge)	1.00	Day	\$150.00			\$150.00
						\$0.00
						\$0.00
						\$0.00
					SUBTOTAL	\$1,350.00
					Management Fee:	\$0.00
					ELM TOTAL	\$1,350.00

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Service Rig			SR4-866	WSK Well Services	\$16,747.00		\$16,747.00
Production Testers			15857	Proflo	\$2,195.00		\$2,195.00
Air Hand			H2S00004825	Firemaster	\$990.00		\$990.00
Water Truck			69333	Elite Vac & Steam	\$3,605.00		\$3,605.00
Flameless Heater				Conley Max	\$450.00	✓	\$450.00
Light Tower				Pinnacle	\$125.00	✓	\$125.00
E-Line Unit			23-0024-06	Titanium	\$5,175.04		\$5,175.04
							\$0.00
MAN HOURS TOTAL	0.00				SUBTOTAL		\$29,287.04
					Management Fee		\$0.00
					THIRD PARTY TOTAL		\$29,287.04

To add a line in text box use "alt enter"

Time	Well Abandonments
6:30:00 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease deficiencies, Weather Clear, Foggy, Calm -10 C
07:00 AM	Held Safety and Operational meeting with WSK Rig Crew, Proflo testing, Air Hand personal discussed following: Slips, trips and falls, (watered froze in location)boot cleats/studs required, uneven location, spotters when backing up, pinch points, hand and body placement, cold working conditions, very slippery around well head, possible muddy location(depending on temperature).
07:30 AM	Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points, High pressure lines, chemical (H2S scavenger). Start and warm up service rig and all support equipment, functioned E-kill and crown saver (Good) SITP - 0 kPa SICP - -3 kPa, sample for H2S 0% H2S completed SCVF test 0 bubbles in 10 minutes. Pulled tallied and stood following equipment: 177.8 mm x 73.0 mm Tbg hanger, 1-73.0 mm Jt Tbg (C/W regular couplings), 2.44, 1.81 m 73.0 mm PJ, 143- 73.0 mm Jt Tbg (C/W regular couplings), 0.68 m 73.0 mm PJ, 73.0 mm Sliding Sleeve (open), 1-73.0 mm Jt Tbg (C/W regular coupling), 3.10 m x 73.0 mm PJ, 139.7 mm x 73.0 mm double grip packer assembly, 3.10 m x 73.0 mm PJ, 73.0 mm XN Nipple (Plug in place). Visually inspected Tbg on pull, all looked good shape (total Jts Tbg 145)
11:30 AM	Make up run in hole following equipment: 139.7 mm x 10 K Bridge Plug (steel), HM setting tool, 73.0 mm x 2.44 m PJ, 144-73.0 mm Jts Tbg (C/W regular couplings), 2- 73.0 mm x 3.10 m PJ, 1-73.0 mm Jt Tbg (C/W regular couplings), landed Tbg in slips (plug setting depth <b>1389.09 mKB CE</b> tallied depth), rigged in high pressure pump line, filled and pressured up Tbg to 15000 kPa set plug (4.20 m3), pulled 10000 daN over string weight and relaxed to 0 weight 3 times (ensure plug was set) Note: well bore started to displace fluid 45 Jts into well bore Rigged high pressure line off Tbg, closed Tbg rams, rigged high pressure pump line into Csg filled and pressured up Csg to 7000 kPa (Held solid for 15 minutes)(TSTM fluid to fill Csg), bled off Csg pressure, picked up to above string weight, rotated off setting tool. Pulled out 1.0 m landed Tbg in slips rigged in high pressure pump line and return established forward circulation, circulated full well bore over to fresh water. Blended up 500 L of class "G" cement, circulated cement to bottom of Tbg (3.95 m3) water, shut down pump, pulled and laid out 2-73.0 mm Jts Tbg, 2-73.0 mm x 3.10 m PJ, rigged in high pressure and return line and reverse circulated 1.3 Tbg volumes, shut down circulation rigged out, pump lines (cement top <b>1349.89 mKB</b> ) Pulled and laid out 60- Jts Tbg (C/W regular couplings), pulled and stood 85-73.0 mm Jts Tbg (C/W regular couplings), 73.0 mm x 2.44 m PJ, HM setting tool.
18:00 PM	Shut in blind rams, capped up BOP stack, winterized all equipment  Tomorrow operations, move in E-Line unit and complete cement bond log from above cement top to surface (water level)



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	January 10, 2023	
UWI:	300/C-16 60-10N 117-30W		Report #:	4	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$156,111.90	% of AFE spent:	72%
Previous Costs to Date:	\$79,444.54	Current Days Costs:	\$33,603.76	Total Cost to Date:	\$113,048.30
OPERATIONS SUMMARY:	Start and warm up equipment, move in E-line unit complete CBL, cement top to surface, decision made to complete RCBL pressure pass, on well bore.				

## SUPERVISION CHARGES

Add new line to ELM CHARGES

SERVICE PROVIDED	Number of units	UNIT	RATE	RESOURCE NAME	Site Supervisor	AMOUNT
Project Supervisor	1.00	day	\$1,200.00		Warren Watson	\$1,200.00
Mileage (Minimum Charge)	1.00	Day	\$150.00			\$150.00
						\$0.00
						\$0.00
						\$0.00
					SUBTOTAL	\$1,350.00
					Management Fee:	\$0.00
					ELM TOTAL	\$1,350.00

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Service Rig			SR4-867	WSK Well Servicing	\$14,675.00		\$14,675.00
Production testing			15858	Profo	\$2,865.00		\$2,865.00
Air Hand			H2S00004826	Firemaster	\$990.00		\$990.00
Water Truck			69334	Elite Vac & Steam	\$3,530.00		\$3,530.00
Flameless Heater				Conley Max	\$450.00	✓	\$450.00
Light Tower				Pinnacle	\$125.00	✓	\$125.00
E-Line Unit			23-0024-07	Titanium	\$7,907.64		\$7,907.64
Bridge plug, setting tool, cement			CS0055350	Tryton	\$1,711.12		\$1,711.12
MAN HOURS TOTAL	0.00				SUBTOTAL		\$32,253.76
					Management Fee		\$0.00
					THIRD PARTY TOTAL		\$32,253.76

To add a line in text box use "alt enter"

Time	Well Abandonments
06:30 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease deficiencies, Weather Cloudy, Light Snow, Calm -7 C
07:00 AM	Held Safety and Operational meeting with WSK Rig Crew, Profo testing, Air Hand personal discussed following: Slips, trips and falls, (watered froze in location)boot cleats/studs required, uneven location, spotters when backing up, pinch points, hand and body placement, cold working conditions, very slippery around well head, possible muddy location(depending on temperature). Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points, High pressure lines, chemical (H2S scavenger).
07:30 AM	Start and warm up service rig and all support equipment, functioned E-kill and crown saver (Good) SICP - Dead, sample for H2S 0% H2S completed SCVF test 0 bubbles in 10 minutes.
08:00 AM	Moved in spotted E-Line unit, held tail gate meeting with all personal on location, discussed following: muster points, pinch points, stay clear of under work floor when working above, Icy working conditions, high floor, beaware of your surroundings, 3 point contact when lifting heavy equipment onto the floor.
08:30 AM	Make up run in hole tagged fluid level 50 m from surface. Completed high speed log running into wellbore (all looked good) Stopped 10 m above cement top (due to possible wet cement)1359.0 mKB pulled 60 meter repeat pass, loged from 1359.0 mKB to fluid top 50.0 mKB Cement bond looked good from PB to 800.0 mKB 800-429 good and poor bond in spots (field interpretation only), emailed logs to ELM and Titanium office for interpretation.
11:30 AM	Pulled tool string to surface, rigged out wireline unit, cleaned up location and released all equipment (waite on orders), E-line unit travelled to other rig (at N-06) to complete Radial Cement Bond Log on the well they are working on also. Decision was communicated back from the ELM Office to complete 7000 kPa pressure pass Radial Cement Bond log from 800 - 300 mKB. (Elm office sent notice of change to OROGO, was accepted by Mike Martin).
16:00 PM	Moved E-line unit back over to location and spotted on location. SDFN (due to hours of service, E-line unit coming out of High Level, personal are over houred) Capped up BOP stack, winterized equipment, made location safe for the night. Go forward plans for tomorrow, complete 7000 kPa Radial Cement Bond Log pressure pass.

**DAILY REPORT**

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 11, 2023
UWI:	300/C-16 60-10N 117-30W	Report #:	5
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$156,111.90
Previous Costs to Date:	\$113,048.30	Current Days Costs:	\$34,830.64
OPERATIONS SUMMARY:	Start and warm up equipment, rig up Radial Bond Log tool and complete 7000 kPa pressure pass (all good), well bore ready for cut/cap, rig out all equipment move over to next location.		

**SUPERVISION CHARGES****Add new line to ELM CHARGES**

SERVICE PROVIDED	Number of units	UNIT	RATE	RESOURCE NAME	Site Supervisor	AMOUNT
Project Supervisor	1.00	day	\$1,200.00		Warren Watson	\$1,200.00
Mileage (Minimum Charge)	1.00	Day	\$150.00			\$150.00
						\$0.00
						\$0.00
						\$0.00
					<b>SUBTOTAL</b>	<b>\$1,350.00</b>
					<b>Management Fee:</b>	<b>\$0.00</b>
					<b>ELM TOTAL</b>	<b>\$1,350.00</b>

**THIRD PARTY CHARGES****Add new line to THIRD PARTY CHARGES**

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Service rig			SR4-868	WSK Well Servicing	\$17,617.00		\$17,617.00
Production Testers			15859	Proflo	\$2,470.00		\$2,470.00
Air Hand			H2S00004827	Firemaster	\$1,020.00		\$1,020.00
Water truck			69335	Elite vac & steam	\$3,605.00		\$3,605.00
Flameless Heater				Conley Max	\$450.00	✓	\$450.00
Light Tower				Pinnacle	\$125.00	✓	\$125.00
E-line unit			23-0024-09	Titanium	\$8,193.64		\$8,193.64
							\$0.00
							\$0.00
<b>MAN HOURS TOTAL</b>	<b>0.00</b>				<b>SUBTOTAL</b>		<b>\$33,480.64</b>
					<b>Management Fee</b>		<b>\$0.00</b>
					<b>THIRD PARTY TOTAL</b>		<b>\$33,480.64</b>

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Time	Well Abandonments
06:30 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease deficiencies, Weather Cloudy, Calm -11 C
07:00 AM	Held Safety and Operational meeting with WSK Rig Crew, Proflo testing, Air Hand personal discussed following: Slips, trips and falls, (watered froze in location)boot cleats/studs required, uneven location, spotters when backing up, pinch points, hand and body placement, cold working conditions, very slippery around well head, possible muddy location(depending on temperature).
07:30 AM	Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points, High pressure lines, chemical (H2S scavenger). Start and warm up service rig and all support equipment, functioned E-kill and crown saver (Good) SICP - Dead, sample for H2S 0% H2S completed SCVF test 0 bubbles in 10 minutes.
08:00 AM	Moved in spotted E-Line unit, held tail gate meeting with all personal on location, discussed following: muster points, pinch points, stay clear of under work floor when working above, icy working conditions, high floor, be aware of your surroundings, 3 point contact when lifting heavy equipment onto the floor. Rigged in wireline adaptor flange to BOP stack and tightened down. Rigged in high pressure pump and return lines to well head and BOP spool Make up radial Bond Log tool, power up tool string (all good), pick up too string run in hole parked tool 820 mKB. Opened up fluid circulation lines, started pump and started to circulate wellbore full of fluid, good fluid returns close return choke maitain 7000 kPa on annulus. Start pulling and logging out of well bore recording bond (CBL tightened right up and bond looked very good across partial bond sections), put logs on depth to surface casing shoe depth. Logged from 820.0 - 275.0 mKB Sent logs into Calgary office for interpretation, interpretation was completed and was found good cement bond through out well bore permission to move off location was given.
11:00 AM	Cleaned up location and released wireline unit. Ran in bull plugged 73.0 mm Tbg displaced water down in well bore 10 m, pulled and layed down remaining Tbg.
18:00 PM	Rigged out all service rig equipment and support equipment, cleaned up location and moved all equipment off location over to 300/F75 60-10N 117-15W <b>Downhole abandonment completed on well bore, wellbore ready for cut and cap</b>

**DAILY REPORT**

<b>CLIENT:</b>	Strategic Oil & Gas C/O Alvarez & Marsal		<b>DATE :</b>	March 14, 2023	
<b>UWI:</b>	300/C-16 60-10N 117-30W		<b>Report #:</b>	6	
<b>PROJECT MANAGER:</b>	Christopher Gagnon		<b>AFE #:</b>		
<b>PROJECT NUMBER:</b>	STRA050	<b>AFE Amount:</b>	\$156,111.90	<b>% of AFE spent:</b>	99%
Previous Costs to Date:	\$147,878.94	Current Days Costs:	\$6,445.50	Total Cost to Date:	\$154,324.44
<b>OPERATIONS SUMMARY:</b>	No bubbles on surface vent. Conduct cut and cap on well. Well cut off 2.2 meters below existing ground level				

**SUPERVISION CHARGES****Add new line to ELM CHARGES**

SERVICE PROVIDED	Number of units	UNIT	RATE	RESOURCE NAME	Site Supervisor	AMOUNT
Project Supervisor	0.33	day	\$1,200.00		Scott Simpson	\$396.00
Mileage (Minimum Charge)	0.33	Day	\$150.00			\$49.50
						\$0.00
						\$0.00
						\$0.00
					<b>SUBTOTAL</b>	\$445.50
					<b>Management Fee:</b>	\$0.00
					<b>ELM TOTAL</b>	<b>\$445.50</b>

**THIRD PARTY CHARGES****Add new line to THIRD PARTY CHARGES**

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Jet cutter				Innovative	\$4,500.00	✓	\$4,500.00
Hydro vac				Innovative	\$1,500.00	✓	\$1,500.00
							\$0.00
							\$0.00
							\$0.00
					<b>SUBTOTAL</b>		\$6,000.00
					<b>Management Fee</b>		\$0.00
					<b>THIRD PARTY TOTAL</b>		<b>\$6,000.00</b>

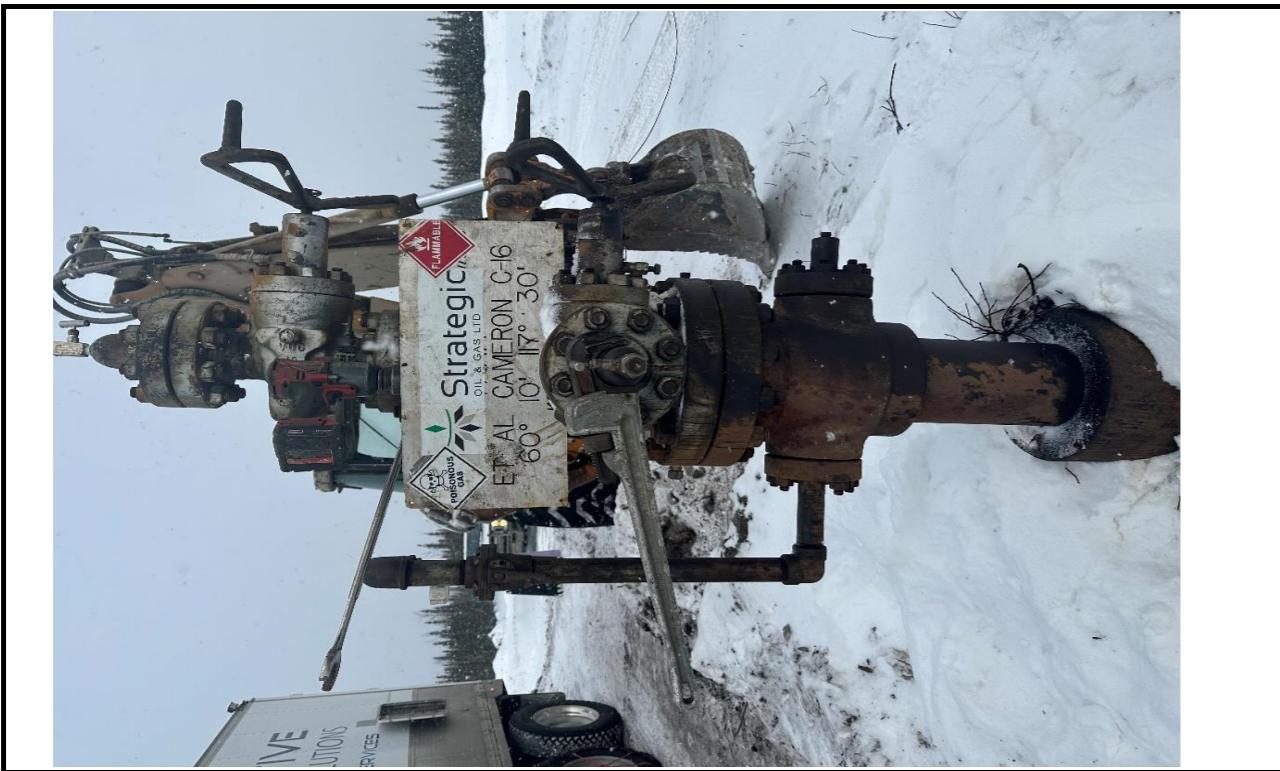
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Time	Well Abandonments
14:00	Held pre job safety meeting with Innovative cut crew and Sierra vac driver. Discussed daily hazards and operation for cutting and capping wells. Lots of uneven lease conditions working in very cold weather conditions. Use buddy system take necessary breaks.
14:30	Sweep location for LELs installed bubble tester into surface vent monitored for 10 minutes no bubbles on vent. Confirmed wellhead coordinates 60.0843 , -117.5509
16:00	Removed top section of wellhead. Proceed to cutting wellhead installed cutting tool into wellhead. Daylighted around wellhead 16 inch conductor barrel 0.5 meters below surface. Set jet pressure made one full rotation with cutter. Rigged out cutting tools.
18:00	Pulled up and removed wellhead and conductor barrel. Measured and confirmed well was cut off 2.2 meters below existing ground level. Installed vented cap with well LSD and license number on it. Back filled hole with back hoe. Dug hole with hydro vac 1 meter north of wellhead installed lease sign cemented sign post 1 meter in the ground sign facing north. Loaded all old wellhead components cleaned up around location. Prepared to move.



## FINAL WELL DIAGRAM

## CAMERON C-16



C-16 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north



Insert Comment