



Alvarez & Marsal Canada Inc.
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March 29, 2023

Office of the Regulator of Oil and Gas Operations
PO Box 1320, Yellowknife, NT X1A 2L9
Pauline_DeJong@gov.nt.ca; Mike_Martin@gov.nt.ca; orogo@gov.nt.ca

RE: OROGO Final Operations Report – Cameron L-73 – 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.

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.

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

Encl.

March 29, 2023

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

By Email: orogo@gov.nt.ca

RE: Final Operations Report – Cameron L-73 (ACW-2023-SOG-L-73-WID 2033)

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.

This well requires gas migration testing in the frost-free months of 2023 before it can be considered “abandoned”. ELM and Alvarez & Marsal will organize the gas migration testing and inform OROGO as required. Once gas migration testing has been successfully completed, a Change of Well Status form will be submitted.

Should you have any questions or require further information, please contact the undersigned at 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. If you wish to communicate with OROGO in hard copy, please do so using the courier address found at www.orogo.gov.nt.ca.

WELL INFORMATION

Well Name	Strategic et al Cameron L-73	Operator	Strategic Oil & Gas Ltd
Well Type	Development Well (if Other, specify _____)	Contractor	Elm Inc
Well Identifier	2033	Current Well Status	Suspended

RELATED LICENCES AND AUTHORIZATIONS

Operating Licence No.	<u>NWT-OL-2014-007</u>	Operations Authorization	OA - 2018-003-SOG
PRA Licence No.	<u>Production Licence 004</u>	Approval to Alter Condition of Well	ACW - 2023-SOG-L-73-WID
			2033

LOCATION INFORMATION

Coordinates Datum: NAD83 (if Other, please specify _____)

Surface	Lat 60° 2' 38"	Long 117° 29' 54"
Bottom Hole	Lat 60° 2' 38"	Long 117° 29' 54"

Region: Select Unit L Section 73 Grid 60-10N 117-15W

ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	774.8 m	Ground Level / Seafloor	770.8 m
Spud/Re-entry Date	3 days	Total Depth	1450.8 m KB
Rig Release Date	February 23, 2023	Total Vertical Depth	1450.8 m KB

CASING AND CEMENTING PROGRAM

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m ³)
219.1	35.72	J-55	436.0	28.8
139.7	23.07	J-55	1450.8	37.3



PLUGGING PROGRAM				
Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
Bridge	1363-1405	No	1405	0.5
Select	-	Select		
Select	-	Select		
Select	-	Select		

PERFORATION	
Interval (m KB)	Comments
1416-1420	Sulphur Point - Previously abandoned
1422-1426	Sulphur Point - Previously abandoned
-	
-	

OTHER	
Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	None
Provision for Re-entry (Describe and attach sketch)	Vented cap 2.1 meters below ground level
Other Downhole Completion/Suspension	
Additional Comments	Well requires gas migration testing in frost free months of 2023 to be considered "abandoned"

<i>"I certify that the information provided on this form is true and correct"</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	March 29, 2023	

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



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE:	January 25, 2023
UWI:	300/L-73 60-10N 117-15W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	

Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$43,496.25	\$44,251.18
Project Descriptor: Well Abandonments				

Cost Coding	Surface Location	60.043980, -117.500222	AREA	Cameron Hills NWT
	License	2033		

EXECUTIVE SUMMARY:

NWT App: ACW-2023-SOG-L-73-WID2033

Day 1: Moved in E-Line unit and completed Radial Cement Bond log as per program, sent information to office for interpretation. [Wait on Interpretation information.](#)

Day 2: Move in coil, hot oiler, boiler. Rig up coil, run in with 44.5 mm coil, wait on dirty tank truck. Rig off injector for night.

Day 3: Rig in coil injector, water truck, hot oiler. Run in hole with coil and 139.7mm casing scraper to 1365 m. Circulate well to fresh water 25 m3. POOH. PT casing to 7000 kPa for 10 min. Solid test. Blow coil dry, rig out all equipment. Paint well head. Well ready for cut and cap.

Day 4: No bubbles on vent. Conduct cut and cap on well. Well cut off 2.1 meters below existing ground level.



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	January 25, 2023
UWI:	300/L-73 60-10N 117-15W		Report #:	1
PROJECT MANAGER:	Christopher Gagnon		AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25	% of AFE spent: 15%
Previous Costs to Date:	\$0.00	Current Days Costs:	\$6,604.00	Total Cost to Date: \$6,604.00
OPERATIONS SUMMARY:	Move in Eline unit, complete Radial Cement Bong Log, wait on interpretation. SDFN			

SUPERVISION CHARGES

Add new line to ELM CHARGES

THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

Service Provided	Man Hours	PO#	Ticket #	Contractor	Subtotal	Est.	Amount
E-Line unit			23-0024-29	Titanium	\$6,604.00		\$6,604.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
Man Hours Total				Subtotal	\$6,604.00		
				Management Fee	\$0.00		
				Third Party Total	\$6,604.00		

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Time	Well Abandonments
12:00:00 PM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease defficiencies, Weather Clear, Calm, -18 C, Wait on decom crew to remove flow line off wellhead before able to remove well head to start logging.
12:30 PM	Operational meeting with Titanium Wire Line Crew 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, deep snow, very slippery around well head.
13:00 PM	Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points, good footing when laying out tool string. SICP - Dead, completed SCVF test 0 bubbles in 10 minutes. Backed up and spotted E-Line unit onto well head, stood mast unit. Rig out top section well head and laid down, rigged in well head flange and cable head tightened down.(wipe line to limit spills on location)
14:30PM	Rigged in and powered up Radial Cement Bond Log Tool/CCL/Gamma tool string (all good) Make up run in hole tagged fluid level 16.0 m from surface. Completed high speed log running into wellbore (all looked good) Tagged programmed cement top 1366.20 mKB pulled 60 meter repeat pass, loged from PB 1366.2 mKB to fluid top 74.0 mKB Cement bond looked good from PB to surface (field interpretation only) Pulled tool string to surface, rigged and tightened down well head top section
18:30 PM	Layed over wireline derrick, cleaned up location, released wireline unit, SDFN. Wellbore is ready for coil tubing circulation over to clean fresh water, providing cement interpretation is acceptable.



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	February 22, 2023	
UWI:	300/L-73 60-10N 117-15W		Report #:	2	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25	% of AFE spent:	15%
Previous Costs to Date:	\$6,604.00	Current Days Costs:	\$0.00	Total Cost to Date:	\$6,604.00
OPERATIONS SUMMARY:	Move in coil, hot oiler, boiler. Rig up coil, run in with 44.5 mm coil, wait on dirty tank truck. Rig off injector for night.				

SUPERVISION CHARGES

Add new line to ELM CHARGES

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

THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Coil unit.			7411	Titanium Coil			\$0.00
Mobile boiler.			110367	Miktye			\$0.00
Hot oiler/pressure truck			93195	Apex		✓	\$0.00
Vac truck			110210	Miktye			\$0.00
							\$0.00
							\$0.00
MAN HOURS TOTAL	0.00				SUBTOTAL		\$0.00
					Management Fee		\$0.00
					THIRD PARTY TOTAL		\$0.00

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Time	Well Abandonments
12:00	Held Safety and Operational meeting with Apex, Titanium coil, Miktye vac, boiler hand 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, deep snow, very slippery around well head. Stay hydrated, good visual of spotter when backing up, working over head, swing paths, muster points, good footing when installing bops, and injector. SICP - Dead, completed SCVF test 0 bubbles in 10 minutes. Backed up coil unit at well using spotter, spot hot oiler, vac truck and water truck. Warm up hydraulics. Fill surface lines with hot fresh water. pressure test surface lines to 21 mPa for 10 min. Good solid test. Stump test bops to 1.4 and 21 mPa for 10 min. Install bops on well, Rig in coil injector. Pressure test BOP stack connection to 1.4 and 21 mPa for 10 min each. Solid test. Fill coil, pressure test coil to 21 mPa. Good test.
12:00	Wait on dirty tank truck.
16:00	Rig off injector for night, Cap well. Shut down for night.
	Next day operation, Rig in injector, run in circulate over to fresh water. PT rig out coil, make well for cut and cap.



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	February 23, 2023	
UWI:	300/L-73 60-10N 117-15W		Report #:	3	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25	% of AFE spent:	83%
Previous Costs to Date:	\$6,604.00	Current Days Costs:	\$29,297.18	Total Cost to Date:	\$35,901.18
OPERATIONS SUMMARY:	Rig in coil injector, water truck, hot oiler. Run in hole with coil and 139.7mm casing scraper to 1365 m. Circulate well to fresh water 25 m3.POOH. PT casing to 7000 kPa for 10 min. Solid test. Blow coil dry, rig out all equipment. Paint well head. Well ready for cut and cap.				

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		Tim Schmidt	\$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
Coil unit.	30.00		7412	Titanium Coil	\$15,506.40		\$15,506.40
Mobile boiler.	6.00		110368	Miktye	\$990.00		\$990.00
Hot oiler/pressure truck	6.00		93196	Apex	\$3,366.63		\$3,366.63
Vac truck	6.00		110211	Miktye	\$2,000.00	✓	\$2,000.00
Road Mantinance and water trucks	36.00		75182	Pinnacle Services	\$6,084.15		\$6,084.15
							\$0.00
MAN HOURS TOTAL	84.00				SUBTOTAL		\$27,947.18
					Management Fee:		\$0.00
							THIRD PARTY TOTAL
							\$27,947.18

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Time	Well Abandonments
7:00	Temp -34 deg C. Held Safety and Operational meeting with Apex, Titanium coil, Miktye vac, boiler hand 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. SICP - Dead, Warm up hydraulics.
9:00	Rig in coil injector to well head, rig in hot oiler, water truck. Pre heat 50/50 water-methanol. Pressure test surface line to 21 mPa. Solid test. Fill coil with hot water, pressure test well head connection to 21 mPa. Solid test. Run in hole with 44.5mm coil tubing and 139.7 mm casing scraper down to PB @ 1365 meters. Circulate well over to fresh water 25 m3. POOH with coil scraper was clean, no wax. Shut ram's and pressure test casing to 7000 kPa for 10 min. Solid test. Blow out coil, rig out all equipment.
13:00	Paint well head with Orange paint. Move equipment to next location. Next well operation cut and cap well.

**DAILY REPORT**

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	March 3, 2023	
UWI:	300/L-73 60-10N 117-15W		Report #:	4	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25	% of AFE spent:	102%
Previous Costs to Date:	\$35,901.18	Current Days Costs:	\$8,350.00	Total Cost to Date:	\$44,251.18
OPERATIONS SUMMARY:	No bubbles on surface vent. Conduct cut and cap on well. Well cut 2.1 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	1.00	day	\$1,200.00		Scott Simpson	\$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
Jet cutter				Innovative	\$3,500.00	✓	\$3,500.00
Hydro vac				Innovative	\$1,500.00	✓	\$1,500.00
Trucking for open top tank				Total oilfield rentals	\$1,000.00	✓	\$1,000.00
Tank rental				Total oilfield rentals	\$1,000.00	✓	\$1,000.00
							\$0.00
							\$0.00
MAN HOURS TOTAL	0.00				SUBTOTAL		\$7,000.00
					Management Fee		\$0.00
					THIRD PARTY TOTAL		\$7,000.00

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

Time	Well Abandonments
7:30	Held pre job safety meeting with Innovative cut and cap crew and Sierra vac driver. Reviewed ELM safe work permit, ERP stars site number 4319 and daily hazards and operations. Lots of uneven slippery conditions around wellhead watch your footing. Working in cold weather conditions use buddy system take necessary breaks.
08:00	Sweep location for LELs installed bubble tester into surface vent monitored vent for 10 minutes no bubbles on vent. Confirmed coordinates of wellhead 300/L-73 60.0440, -117.4998
08:30	Proceed to cutting wellhead. Built and installed cutting tool into wellhead. Did not have to daylight around wellhead could see 16 inch conductor barrel. Set jet pressure made one full rotation with cutter.
10:00	Pulled up and removed wellhead and conductor barrel. Measured and confirmed well was cut off 2.1 meters below existing ground level. Installed vented cap with LSD and license number of well. Back filled hole. Had to dig out rat hole cut the top off with external cutter because top was all caved in. Installed cutting tool to cut off rat hole. Tried to pull rat hole with loader could not pull it free first cut unsuccessful. Rig back in cutting tool. Tried cutting again after 3 cuts pulled up and removed rat hole from ground cut off at 2.1 meters below existing ground level. Dug out culvert from around wellhead Placed coordinate sign 1 meter north of well facing north and cemented sign post 1 meter into the ground. Picked up and loaded all old wellhead components.
18:00	SDFN



FINAL WELL DIAGRAM

CAMERON L-73



L-73 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north



Insert Comment