



April 12, 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 2M-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.

April 12, 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 2M-73 (ACW-2023-SOG-2M-73-WID 2026)

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 2M-73	Operator	Strategic Oil & Gas Ltd
Well Type	Delineation Well (if Other, specify _____)	Contractor	Elm Inc
Well Identifier	2026	Current Well Status	Suspended

RELATED LICENCES AND AUTHORIZATIONS

Operating Licence No.	NWT-OL-2014-007	Operations Authorization	OA - 2018-003-SOG
PRA Licence No.	Production Licence 4	Approval to Alter Condition of Well	ACW - 2023-SOG-2M-73-WID 2026

LOCATION INFORMATION

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

Surface	Lat 60 ° 2 ' 52 "	Long 117 ° 29 ' 36 "
Bottom Hole	Lat 60 ° 2 ' 53 "	Long 117 ° 29 ' 55 "

Region: South Sl Unit M Section 73 Grid 60-10N 117-15W

ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	776.1 m	Ground Level / Seafloor	771.8 m
Spud/Re-entry Date	2 days	Total Depth	1522.0 m KB
Rig Release Date	February 24, 2023	Total Vertical Depth	1448.8 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	428.98	25.1
139.7	23.07	J-55	1521.95	35.44

--	--	--	--	--	--	--

PLUGGING PROGRAM

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
Bridge	1434-1475	No	1475	0.5
Select	-	Select		
Select	-	Select		
Select	-	Select		

PERFORATION

Interval (m KB)	Comments
1485-1498	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 2.0 meters below ground level
Other Downhole Completion/Suspension	
Additional Comments	Well requires gas migration testing in the frost free months of 2023 to be considered "abandoned"

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

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	 Responsible Officer of Company	Date	April 16, 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:	February 21, 2023
UWI:	302/M-73 60-10N 117-15W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$43,496.25
Project Descriptor:	Well Abandonments		
Cost Coding	Surface Location	60.047960, -117.493000	AREA
			Cameron Hills NWT
	License	2026	

EXECUTIVE SUMMARY:

NWT App: ACW-2023-SOG-2M-73-WID2026

Day 1: Move on wireline and run a bond log.

Day 2: Move in coil equipment. Do SCVF test. No bubbles in 10 mins with water. Spot coil water hot oiler vac. Rig in pressure test surface equipment. Run in hole with 44.5 mm coil tubing. Ran to PB 1434 m. Circulate well over to 26 m3 fresh water. POOH, pressure test well to 7000 kPa for 10 min. Solid test. Blow coil dry. Rig out. paint well head. Well ready for cut and cap,

Day 3: Checked well for pressure 0kpa, thawed well, cut off well at 2m below ground, installed sign, capped well, backed filled. Well complete.



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	February 21, 2023	
UWI:	302/M-73 60-10N 117-15W		Report #:	1	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25	% of AFE spent:	24%
Previous Costs to Date:	\$0.00	Current Days Costs:	\$10,571.00	Total Cost to Date:	\$10,571.00
OPERATIONS SUMMARY:	Moved on wireline and ran a bond log				

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		Kevin Olson	\$1,200.00
Mileage (Minimum Charge)	1.00	Day	\$150.00		Kevin Olson	\$150.00
Starlink System	1.00	Day	\$50.00		Kevin Olson	\$50.00
						\$0.00
						\$0.00
SUBTOTAL						\$1,400.00
Management Fee:						\$0.00
ELM TOTAL						\$1,400.00

THIRD PARTY CHARGES

[Add new line to THIRD PARTY CHARGES](#)

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
E-Line RBL Log	10.00		23-0263	Titanium	\$7,046.00		\$7,046.00
Boiler	10.00		25067	Millennium Heat	\$2,125.00		\$2,125.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
MAN HOURS TOTAL					20.00	SUBTOTAL	\$9,171.00
						Management Fee	\$0.00
						THIRD PARTY TOTAL	\$9,171.00

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Time	Well Abandonments
06:30-07:00	Issue Safe work permit, Review and sign off Directive 33 Fire explosion sheet, Sign in on Elm JSA sheet, review all Company's JSA with all on-site personnel, allow each supervisor discuss there tasks and hazards, allow all on-site personnel to ask question and give input on daily tasks, Insure all OH&S, OROGO, Government and all Company polices and procedures for all task are being followed.
07:00-08:00	Stand mast unit, heat well head, check pressure 0kpa on well, remove wellhead, Very cold due to -35 C and wind -45 C with wind chill, taking lots of warm up breaks.
08:00-11:00	Rig in RBL logging tool and pack off head, RIH with RBL logging tool to PBTD at 1363.0mKB, and perform RBL log from PBTD to surfaces.
11:00-13:00	Install well head and tighten down bolts, rig out wire line and boiler. Secure well and rig equipment SDFN. Move from 302/M73 to M31 and spot equipment. NOTE: Performed a SCV flow check with zero bubbles, but well head only had heat on it for 2 hours should re-heat and double check.



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	February 24, 2023
UWI:	302/M-73 60-10N 117-15W	Report #:	2
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25
Previous Costs to Date:	\$10,571.00	Current Days Costs:	\$28,641.15
		% of AFE spent:	90%
		Total Cost to Date:	\$39,212.15

OPERATIONS SUMMARY: Move in coil equipment. Do a SCVF test for 10 min using fresh water no bubbles. Spot coil water hot oiler vac. Rig in pressure test surface equipment. Run in hole with 44.5 mm coil tubing. Ran to PB 1434 m. Circulate well over to 26 m3 fresh water. POOH, pressure test well to 7000 kPa for 10 min. Solid test. Blow coil dry. Rig out. 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.	36.00		7414	Titanium Coil	\$15,614.97		\$15,614.97
Mobile boiler.	12.00		110362	Miktye			\$0.00
Hot oiler/pressure truck	13.50		93199	Apex	\$9,377.38		\$9,377.38
Mobile boiler.	6.00		110370	Miktye	\$2,298.80		\$2,298.80
Heater				Conley		✓	\$0.00
Light tower				Pinnacle		✓	\$0.00
MAN HOURS TOTAL					67.50		
SUBTOTAL							\$27,291.15
Management Fee							\$0.00
THIRD PARTY TOTAL							\$27,291.15

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Time	Well Abandonments
7:00	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 using fresh water to test with. 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 of 10 min each. Solid test. Fill coil, pressure test coil to 21 mPa. Good test. Open well run in hole @ 100 meters/min. Pumping 35 liters/min to keep fluid moving in coil to keep from freezing. Run coil bottom to 1434 mKB. Forward circulate with warm fresh water. Pumping @ 230 l/min @ 50 deg C. Pump 26 m3. Nice clean fresh water for returns. Pull out of hole with coil. Close blind ram's. Pressure up on casing to 7000 kPa. Hold pressure for 10 min. Solid test. Bleed of well pressure to tank, open blind ram's. Engauge air compressor and blow coil and well head dry. Rig out hot oiler, water truck, boiler. Have vac truck move out old well bore water for disposal. Rig off coil injector, remove bops. Install well head cap. Clean up location of all debris and trash. Paint well head with Orange paint, Leave equipment on location for night.
16:00	
20:00	Next operation, well is ready for cut and cap.



DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	March 15, 2023	
UWI:	302/M-73 60-10N 117-15W		Report #:	3	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$43,496.25	% of AFE spent:	116%
Previous Costs to Date:	\$39,212.15	Current Days Costs:	\$11,445.50	Total Cost to Date:	\$50,657.65
OPERATIONS SUMMARY:	Checked well for pressure 0kpa, thawed well, cut off well at 2m below ground, installed sign, capped well, backed filled. Well complete.				

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		Don Sadoway	\$396.00
Mileage (Minimum Charge)	0.33	Day	\$150.00			\$49.50
						\$0.00
						\$0.00
						\$0.00
SUBTOTAL						\$445.50
Management Fee:						\$0.00
ELM TOTAL						\$445.50

THIRD PARTY CHARGES

[Add new line to THIRD PARTY CHARGES](#)

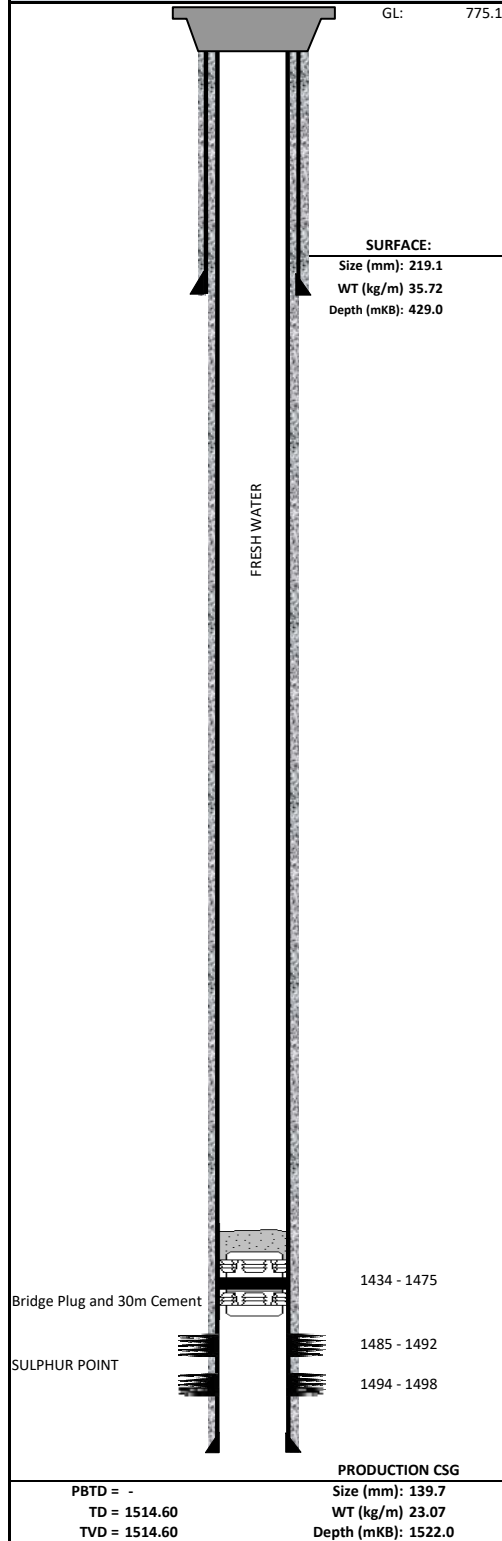
SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Jet cutter				Innovative	\$8,000.00	✓	\$8,000.00
Hydro-vac				Innovative	\$3,000.00	✓	\$3,000.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
MAN HOURS TOTAL					0.00		
SUBTOTAL							\$11,000.00
Management Fee							\$0.00
THIRD PARTY TOTAL							\$11,000.00

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

Time	Well Abandonments
14:00	Swept location of LEL and H2S. Moved in services to conduct cut and cap of the well. Held safety meeting and pre job discussion. Reviewed JSA and SOP for cut and cap of well. Issued safe work permit to cutting crew and hydro-vac. Medic reviewed ERP with crew and posted ERP. Rigged in services. Checked wellhead pressure. Casing - 0kpa. Installed bubble test equipment with 3/8 hose in 1" of water. No bubbles observed in 10 minutes. Innovative water jet cut through production and surface casing 2m meters down from surface grade. Had hydro-vac clean soil on one side of the well. Had to make 2 rotations with cutter to cut through 2 casings and 1 conductor pipe. Removed cut off wellhead. Installed casing cap assembly for production and surface casing with LSD & well licence number and was buried with top soil. Backfilled hole from wellhead removal. Had hydro-vac place a hole 1m north of well center to a depth of 1m. Installed wellsite post and sign facing north, and cemented into place. Note: No visible staining on location. No contamination observed around the wellhead. Note: 16" Conductor pipe was removed with wellhead. Pics were taken before and after and were sent with report.
17:00	Moved off location



FINAL WELL DIAGRAM



GENERAL DETAILS					REV #		1.0			
WELL NAME:			Strategic et al Cameron 2M-73		FIELD:		Cameron Hills			
UWI:			302/M73 60-10N 117-15W		LICENSE:		2026			
SURFACE:					LATITUDE:		60.047964			
COMPANY:			Strategic Oil And Gas Ltd		DRAWN BY:		M. Ryan			
DEVIATION:			WELL STATUS:							
Vertical			Suspended							
ELEVATIONS & DEPTHS										
KB (mKB)		GL (m)		KB-SCF (m)		KB-GR (m)		BGWP (mKB)		
778.9		775.1				3.80		600.00		
CASING STRINGS										
STRING			SIZE (mm)		WEIGHT (kg/m)		GRADE		CPLG	
Surface:			219.1		35.72		J-55			
Intermediate:										
Production:			139.7		23.07		J-55			
Liner:										
Open Hole:										
CEMENTING										
STRING			DETAIL				Returns (m ⁺)		Log Cmt Top (mKB)	
Surface:			33 T 0-1-0 Class G + 1.5% CaCl2				8 CRET			
Production:			20 T ThixLite + 1% SMS 13 T Expandomix LWL + 0.1% CFL3 + 0.2% LTR + 0.2% SPCLL				5.6 CRET		Surface Logged Feb 21, 2023	
COMPLETION DATA										
DESCRIPTION				DEPTH (mKB)				STATUS		
Sulphur Point				1494 - 1498				Abandoned		
Sulphur Point				1485 - 1492				Abandoned		
Bridge Plug and 30m Cement				1434 - 1475						
Cut and Cap March 15, 2023				2.0 mGL						

CAMERON 2M-73



2M-73 Wellhead



Vented cap



Wellhead removed from ground



Sign placed on north side of the wellhead and facing north