



March 28, 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 F73 – 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.*

March 28, 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 F-73 (ACW-2022-SOG-F-73-WID 1992)**

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 F-73	Operator	Strategic Oil & Gas Ltd.
Well Type	Development Well (if Other, specify _____)	Contractor	ELM Inc
Well Identifier	1992	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 004	Approval to Alter Condition of Well	ACW - 2022-SOG-F-73-WID1992

**LOCATION INFORMATION**

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

Surface	Lat	60 ° 02 ' 24 "	Long	117 ° 29 ' 34.2 "
Bottom Hole	Lat	° ' "	Long	° ' "

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

**ACTIVITY INFORMATION**

Target Formation(s)	Sulphur Point	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	781.7 m	Ground Level / Seafloor	777 m
Spud/Re-entry Date	2 days	Total Depth	1461 m KB
Rig Release Date	February 25, 2023	Total Vertical Depth	1461 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	429	25.08
139.7	20.83 / 23.07	J-55 / K-55	1459	41.18

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**PLUGGING PROGRAM**

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
Bridge	1383-1413	No	1413	0.37
Select	-	Select		
Select	-	Select		
Select	-	Select		


**PERFORATION**

Interval (m KB)	Comments
1422.0-1426.5	Sulphur Point - Abandoned
-	
-	
-	


**OTHER**

Lost Circulation/Overpressure Zones	
Equipment Left on Site (Describe)	None
Provision for Re-entry (Describe and attach sketch)	Vented cap 2.1 meters below ground level
Other Downhole Completion/Suspension	
Additional Comments	

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

Name	Duncan MacRae	Phone	( 403) 538-7514 Ext
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	March 27, 2023

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

 <div style="float: right;"><b>DAILY REPORT</b></div>			
<b>CLIENT:</b>	Strategic Oil & Gas C/O Alvarez & Marsal	<b>DATE:</b>	January 3, 2023
<b>UWI:</b>	300/F-73 60-10N 117-15W	<b>Report #:</b>	1
<b>PROJECT MANAGER:</b>	Christopher Gagnon	<b>AFE #:</b>	

<b>Proj # / AFE / Job Number:</b>	STRA050	<b>AFE Amount:</b>	\$55,812.75	<b>\$56,001.86</b>
<b>Project Descriptor:</b>	<b>Well Abandonments</b>			

<b>Cost Coding</b>	Surface Location	60.040028, -117.492833	<b>AREA</b>	Cameron Hills NWT
	License	1992		

## EXECUTIVE SUMMARY:

### NWT App: ACW-2022-SOG-F-73-WID1992

Day 1: Move in E-Line, complete Cement Bond Log from plug back to surface, CBL field interp (good bond). **Wellbore ready for fresh water circulation.**

Day 2: : Move in coil equipment. Do a bubble test on surface casing with bubble test kit using water. No bubbles in 10 min. , Rig in coil, run in to PB. Circulate over to fresh water 25 m3. POOH pressure test casing to 7000 kPa. Solid test. Blow out coil. Rig out, paint well head. Well ready for cut and cap.

Day 3: No bubbles on vent. Conduct cut and cap on well. Well cut off 2.1 meters below existing ground level.

Day 4:

Day 5:



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 6, 2023
UWI:	300/F-73 60-10N 117-15W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$55,812.75
Previous Costs to Date:	\$0.00	% of AFE spent:	58%
		Current Days Costs:	\$32,468.00
		Total Cost to Date:	\$32,468.00

**OPERATIONS SUMMARY:** Move in rig up E-line unit and complete cement bond log from PB to surface, rig out move unit over to 302/F-73 60-10N 117-15W

## 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	10.00		SR4-863	WSK	\$13,025.00		\$13,025.00
E-Line			23-0024-02	Titanium Wireline	\$7,603.00		\$7,603.00
P-Tank			15854	Proflow	\$2,320.00		\$2,320.00
H2S Air Hand			H2S00004822	Firemaster	\$990.00		\$990.00
Consultants Shack			38703	Long Horn Rentals	\$1,843.00		\$1,843.00
Water Truck			20210946	BJ Hinson	\$1,732.00		\$1,732.00
Water Truck			69332	Elite Vac & Steam	\$3,605.00		\$3,605.00
MAN HOURS TOTAL					10.00		
SUBTOTAL							\$31,118.00
Management Fee							\$0.00
THIRD PARTY TOTAL							\$31,118.00

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Time	Well Abandonments
10:00:00 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease deficiencies, Weather Clear, Calm -7 C, Held Safety and
	Operational meeting with Titanium Wire Line, WSK Rig 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. 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, pulled out Tbg hanger and laid down. Rigged and powered up Cement Bond Log Tool/CCL/Gamma tool string (all good) Make up run in hole tagged fluid level 56 m from surface. Completed high speed log running into wellbore (all looked good) Tagged set Bridge Plug 1365.0 mKB pulled 60 meter repeat pass, logged from PB to fluid top Cement bond looked good from PB to surface (field interpretation only) Pulled tool string to surface, rigged and tightened down well head top section
14:30 PM	Layed over wireline derrick, cleaned up location, rigged out and moved wireline unit over to 302/F-73 60-10N 117-15W Wellbore ready for fresh water circulation



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	February 25, 2023
UWI:	300/F-73 60-10N 117-15W	Report #:	2
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$55,812.75
Previous Costs to Date:	\$32,468.00	Current Days Costs:	\$18,088.36
		% of AFE spent:	91%
		Total Cost to Date:	\$50,556.36

**OPERATIONS SUMMARY:** Do a surface casing bubble test. No bubbles in 10 min. Move in coil tubing, hot oiler, vac water boiler. Rig in coil tubing, run in hole with 44.5mm coil to PB @ 1370 m. Circulate hole over to fresh water 35 m3. Pull out of hole. Pressure test casing to 7000 kPa for 10 min. Solid test. Blow coil dry, rig out 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.	15.00		7415	Titanium Coil	\$10,350.08		\$10,350.08
Mobile boiler.	6.00		110371	Miktye	\$1,169.40		\$1,169.40
Hot oiler/pressure truck	5.50		93200	Apex	\$2,638.88		\$2,638.88
Vac truck	12.00		110214	Miktye	\$2,580.00		\$2,580.00
							\$0.00
							\$0.00
MAN HOURS TOTAL					38.50		
SUBTOTAL							\$16,738.36
Management Fee							\$0.00
THIRD PARTY TOTAL							\$16,738.36

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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, rough location, holes 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 - 0, completed SCVF test 0 bubbles in 10 minutes using fresh water. 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. Run in hole with 44.5mm coil tubing down to PB @ 1365 meters. Circulate well over to fresh water 25 m3. POOH with coil. Shut ram's and pressure test casing to 7000 kPa for 10 min. Solid test. Blow out coil, rig out all equipment. Paint well head with Orange paint. Well ready for cut and cap Move to 302/F 73 location.
12:00	Next well operation cut and cap well.





# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	March 2, 2023	
UWI:	300/F-73 60-10N 117-15W		Report #:	3	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$55,812.75	% of AFE spent:	100%
Previous Costs to Date:	\$50,556.36	Current Days Costs:	\$5,445.50	Total Cost to Date:	\$56,001.86
OPERATIONS SUMMARY:	No bubbles on vent. Conduct cut and cap on well. Well cut off 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	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
SUBTOTAL						\$445.50
Management Fee:						\$0.00
ELM TOTAL						\$445.50

## THIRD PARTY CHARGES

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

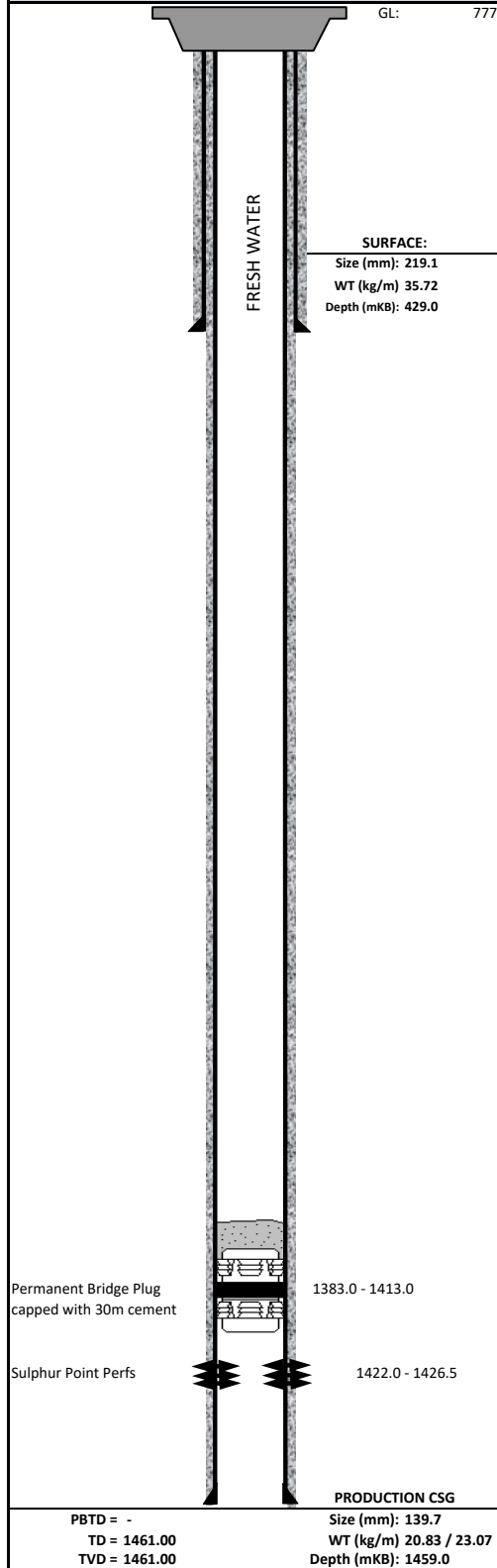
SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Jet cutter				Innovative	\$3,500.00	✓	\$3,500.00
Hydrov vac				Innovative	\$1,500.00	✓	\$1,500.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
MAN HOURS TOTAL					0.00		
SUBTOTAL							\$5,000.00
Management Fee							\$0.00
THIRD PARTY TOTAL							\$5,000.00

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Time	Well Abandonments
12:00	Spotted equipment held pre job safety meeting with Innovative crew and Sierra vac hauler. Reviewed ELM ERP and safe work permit stars site number 4319. Discussed hazards and operations for cutting off well.
12:30	Sweep location for LELs. Installed bubble testing equipment into surface casing vent. For 10 minutes no bubbles on vent. Confirmed coordinates of wellhead 300/ F-73 60.0400, -117.4928
13:00	Proceed to cutting wellhead. Built and installed jet cutter into wellhead. Daylighted around wellhead with hydro vac confirmed 16 inch conductor barrel 1.1 meters below existing ground level. Set jet pressure did one full rotation with cutter.
14:00	Picked up and removed wellhead and conductor barrel. Confirmed well was cut 2.1 meters below existing ground level. Installed vented cap into casing with lease LSD and license number on cap. Back fill hole. Vac out hole to put lease sign 1 meter north of wellhead sign facing north cement sign post 1 meter in ground. Dug culvert out from around wellhead before filling hole Pick up and load all old wellhead components to be stored at H-03. Prepare to move equipment.



# FINAL WELL DIAGRAM



GENERAL DETAILS						REV #		1.0			
WELL NAME:			Strategic et al Cameron F-73			FIELD:		Cameron Hills			
UWI:			300/F73 60-10N 117-15W			LICENSE:		1992			
SURFACE:						LATITUDE:		60.040028			
COMPANY:			Strategic Oil And Gas Ltd			DRAWN BY:		M. Ryan			
DEVIATION:			WELL STATUS:					DATE:			
Vertical			Abandoned					02 Mar 2023			
ELEVATIONS & DEPTHS											
KB (mKB)		GL (m)		KB-SCF (m)		KB-GR (m)		BGWP (mKB)			
781.7		777				4.70		600.00			
								PBSD (mKB)			
								1461			
								TVD (mKB)			
								1461			
CASING STRINGS											
STRING			SIZE (mm)		WEIGHT (kg/m)		GRADE		CPLG		
Surface:			219.1		35.72		J-55				
Intermediate:											
Production:			139.7		20.83 / 23.07		J-55 / K-55				
Liner:											
Open Hole:											
CEMENTING											
STRING			DETAIL					Returns (m <sup>3</sup> )		Log Cmt Top (mKB)	
Surface:			33 T 0-1-0 Class G + 2% CaCl <sub>2</sub>					6 m <sup>3</sup>			
Intermediate:			27T Fill-Lite 2-125 + 0.6% R-3 + 3.0% A-9 8 T 0-1-0 Class G + 0.4% FL-77 + 0.1% R-3					15 m <sup>3</sup>			
COMPLETION DATA											
ITEM					DEPTH (mKB)			STATUS			
Permanent Bridge Plug capped with 30m cement					1383.0 - 1413.0						
Sulphur Point Perforations					1422.0 - 1426.5			Abandoned			
Cut and capped March 2, 2023					2.1 mGL						



## CAMERON F-73



F-73 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north

Insert Comment