



Alvarez & Marsal Canada Inc.
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March 28, 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 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.

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 28, 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 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

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 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~~e~~ 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 (m ³)
219.1	35.72	J-55	429	25.08
139.7	20.83 / 23.07	J-55 / K-55	1459	41.18



PLUGGING PROGRAM				
Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)
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)538-7514Ext
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 27, 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 3, 2023
UWI:	300/F-73 60-10N 117-15W		Report #:	1
PROJECT MANAGER:	Christopher Gagnon		AFE #:	
Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$55,812.75	\$56,001.86
Project Descriptor:	Well Abandonments			
Cost Coding	Surface Location	60.040028, -117.492833	AREA	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	% of AFE spent:	58%
Previous Costs to Date:	\$0.00	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

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

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 defficiencies, Weather Clear, Calm -7 C, 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, loged 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 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
14:30 PM	



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	% of AFE spent:	91%
Previous Costs to Date:	\$32,468.00	Current Days Costs:	\$18,088.36	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
						\$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

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

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 LELEs. 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 sign1 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		LONGITUDE:	-117.492833	
COMPANY: Strategic Oil And Gas Ltd				DRAWN BY:	M. Ryan		DATE:	02 Mar 2023	
DEVIATION: Vertical		WELL STATUS: Abandoned							
ELEVATIONS & DEPTHS									
KB (mKB)	GL (m)	KB-SCF (m)	KB-GR (m)	BGWP (mKB)	PBTD (mKB)	TD (mKB)	TVD (mKB)		
781.7	777		4.70	600.00		1461	1461		
CASING STRINGS									
STRING	SIZE (mm)	WEIGHT (kg/m)	GRADE	CPLG	DRIFT I.D. (mm)	SHOE DEPTH (mKB)			
Surface:	219.1	35.72	J-55			429			
Intermediate:									
Production:	139.7	20.83 / 23.07	J-55 / K-55			1459			
Liner:									
Open Hole:									
CEMENTING									
STRING	DETAIL			Returns (m³)	Log Cmt Top (mKB)	Calc'd Top (mKB)			
Surface:	33 T 0-1-0 Class G + 2% CaCl₂			6 m³					
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 m³					
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								
Permanent Bridge Plug capped with 30m cement	1383.0 - 1413.0								
Sulphur Point Perfs	1422.0 - 1426.5								
LANDOWNER	LANDOWNER #	OCCUPANT			OCCUPANT #				
DIRECTIONS:						Sign Off			
REMARKS:									
PBTD = - TD = 1461.00 TVD = 1461.00		Size (mm): 139.7 WT (kg/m) 20.83 / 23.07 Depth (mKB): 1459.0							

CAMERON F-73



F-73 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north

Insert Comment