



**Alvarez & Marsal Canada Inc.**  
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Phone: +1 403 538 7555  
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April 12, 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 F-77 – 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 12, 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-77 (ACW-2021-SOG-F-77-WID 2065)**

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-77	Operator	Strategic Oil & Gas Ltd
Well Type	Development Well (if Other, specify _____)	Contractor	Elm Inc
Well Identifier	2065	Current Well Status	Select

**RELATED LICENCES AND AUTHORIZATIONS**

Operating Licence No.	NWT-OL-2014-007	Operations Authorization	OA - 2018-003-SOG
			ACW - 2021-SOG-F-77-WID
PRA Licence No.	Production Licence 14	Approval to Alter Condition of Well	2065

**LOCATION INFORMATION**

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

Surface	Lat 60° 6' 29"	Long 117° 29' 4"
Bottom Hole	Lat 60° 6' 29"	Long 117° 29' 4"

Region: South Sl~~l~~ Unit F      Section 77      Grid 60-10N 117-15W

**ACTIVITY INFORMATION**

Target Formation(s)	Sulphur Point	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	725.4 m	Ground Level / Seafloor	720.8 m
Spud/Re-entry Date	2 days	Total Depth	1421 m KB
Rig Release Date	February 20, 2023	Total Vertical Depth	1421 m KB

**CASING AND CEMENTING PROGRAM**

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
219.1	35.7	J-55	378	25.08
139.7	20.83	J-55	1417	34.88



PLUGGING PROGRAM				
Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
Bridge	1331-1361	No	1361	0.3
Select	-	Select		
Select	-	Select		
Select	-	Select		

PERFORATION	
Interval (m KB)	Comments
1366-1370.5	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	

***"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	April 1G 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 14, 2023
UWI:	300/F-77 60-10N 177-15W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	

Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$55,812.75	\$38,425.65
Project Descriptor:	Well Abandonments			

Cost Coding	Surface Location	60.108234, -117.486072	AREA	Cameron Hills NWT
	License	2065		

### EXECUTIVE SUMMARY:

#### NWT App: ACW-2021-SOG-F-77-WID2065

Day 1: Move in rig up E-line unit, complete Radial Cement Bond Log, send information to Calgary office for interpretation SCVF 0 bubbles in 10 minutes.

**Wellbore ready for coil tubing unit to circulate over to clean fresh water, providing cement bond interpretation is acceptable.**

Day 2: Move in coil equipment, rig up, run in hole, Circulate well over to fresh water. PT well to 7000 kPa. Solid test. Rig out coil, paint well head. Well ready for cut and cap.

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



## DAILY REPORT

<b>CLIENT:</b>	Strategic Oil & Gas C/O Alvarez & Marsal		<b>DATE :</b>	January 14, 2023
<b>UWI:</b>	300/F-77 60-10N 177-15W		<b>Report #:</b>	1
<b>PROJECT MANAGER:</b>	Christopher Gagnon		<b>AFE #:</b>	
<b>PROJECT NUMBER:</b>	STRA050	<b>AFE Amount:</b>	\$55,812.75	<b>% of AFE spent:</b> 20%
<b>Previous Costs to Date:</b>	\$0.00	<b>Current Days Costs:</b>	\$11,261.64	<b>Total Cost to Date:</b> \$11,261.64
<b>OPERATIONS SUMMARY:</b>	Move in E-line unit and complete Radial Cement Bond Log, rig out clean up location and release E-line unit for rest of day.			

## **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			23-0024-14	Titanium	\$7,124.00		\$7,124.00
E-Line (Stand By Jan 12, 2023)			23-0024-10	Titanium	\$4,137.64		\$4,137.64
							\$0.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
<b>Man Hours Total</b>					<b>Subtotal</b>		<b>\$11,261.64</b>
					<b>Management Fee</b>		<b>\$0.00</b>
					<b>Third Party Total</b>		<b>\$11,261.64</b>

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Time	Well Abandonments
11:00:00 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease defficiencies, Weather Clear, Calm, Snow -9 C, Held Safety and
11:30 AM	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.
12:00 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. Note: well head is a high well head, upon arrival onto location, looks like well head is bent(possibly hit with heavy piece of equipment before arriving on location) 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) Rigged in and powered up Radial Cement Bond Log Tool/CCL/Gamma tool string (all good) Make up run in hole tagged fluid level 9.0 m from surface. Completed high speed log running into wellbore (all looked good) Tagged programmed cement top 1316.0 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
16:30 PM	Layed over wireline derrick, cleaned up location, released wireline unit for night. <b>Wellbore ready for coil tubing unit to circulate over to clean fresh water, providing cement interpretation is acceptable.</b>



## DAILY REPORT

<b>CLIENT:</b>	Strategic Oil & Gas C/O Alvarez & Marsal		<b>DATE :</b>	February 20, 2023
<b>UWI:</b>	300/F-77 60-10N 177-15W		<b>Report #:</b>	2
<b>PROJECT MANAGER:</b>	Christopher Gagnon		<b>AFE #:</b>	
<b>PROJECT NUMBER:</b>	STRA050	<b>AFE Amount:</b>	\$55,812.75	<b>% of AFE spent:</b> 50%
<b>Previous Costs to Date:</b>	\$11,261.64	<b>Current Days Costs:</b>	\$16,691.76	<b>Total Cost to Date:</b> \$27,953.40
<b>OPERATIONS SUMMARY:</b>	Move in coil tubing, rig up. Run in to PB. Circulate hole over to fresh water. Pressure test well to 7000 kPa. Solid test. Blow coil dry, rig out. Paint well head. Well ready for cut and cap.			

## **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
Coil unit.	18.00		7409	Titanium Coil	\$11,865.88		\$11,865.88
Mobile boiler.	6.00		110364	Miktye	\$1,350.00		\$1,350.00
Hot oiler/pressure truck	5.00		93193	Apex	\$3,475.88		\$3,475.88
							\$0.00
							\$0.00
							\$0.00
<b>MAN HOURS TOTAL</b>						<b>Subtotal</b>	<b>\$16,691.76</b>
						<b>Management Fee</b>	<b>\$0.00</b>
						<b>THIRD PARTY TOTAL</b>	<b>\$16,691.76</b>

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

Time	Well Abandonments
1:00:00 PM	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
13:30	SICP - Dead, completed SCVF test 0 bubbles in 10 minutes. Backed up and coil tank and coil unit at well, spot hot oiler, vac truck and water truck. Fill surface lines with 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 @ 80 meters/min. Pumping 35 liters/min to keep fluid moving in coil to keep from freezing. Run coil bottom to 1315 mKB. Forward circulate with warm fresh water. Pump 19 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. In gauge air compressor and blow coil and well head dry.
16:45	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.
18:00	Paint well head with Pink paint Move all equipment off location. <b>Next operation, well is 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/F-77 60-10N 177-15W		<b>Report #:</b>	3	
<b>PROJECT MANAGER:</b>	Christopher Gagnon		<b>AFE #:</b>		
<b>PROJECT NUMBER:</b>	STRA050	<b>AFE Amount:</b>	\$55,812.75	<b>% of AFE spent:</b>	69%
Previous Costs to Date:	\$27,953.40	Current Days Costs:	\$10,472.25	Total Cost to Date:	\$38,425.65
<b>OPERATIONS SUMMARY:</b>	No bubbles on surface vent. Conduct cut and cap on well. Well cut 2.1 meters below 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
Disposal vac			49366	Attack oilfield	\$4,026.75		\$4,026.75
							\$0.00
							\$0.00
							\$0.00
<b>MAN HOURS TOTAL</b>	<b>0.00</b>				<b>SUBTOTAL</b>		<b>\$10,026.75</b>
					<b>Management Fee</b>		<b>\$0.00</b>
					<b>THIRD PARTY TOTAL</b>		<b>\$10,026.75</b>

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Time	Well Abandonments
7:30	Mob to site. With cut crew and medic. Held pre job safety meeting with Innovative cut crew and Sierra vac driver. Reviewed ELM safe work permit and rep. Stars site number 4319. Discussed daily operations and hazards for cutting wells. Working in cold weather conditions lots of uneven slippery conditions around wellhead. Watch your footing at all times be sure all equipment is chained up when moving.
08:00	Sweep location for LEIs installed bubble tester into surface vent monitored for 10 minutes no bubbles on vent. Confirmed wellhead coordinates 60.1082 , -117.4860
08:30	Removed top section of wellhead. Proceed to cutting wellhead installed cutting tools into wellhead. Daylighted around wellhead found 16 inch conductor barrel. Set jet pressure made one full rotation with cutter. Rigged out cutting equipment.
10:30	Pulled up and removed wellhead and conductor barrel. Measured and confirmed wellhead was cut off 2.1 meters below existing ground level. Installed vented cap with well LSD and license number on it. Back filled hole. Dug culvert from around wellhead. Dug hole with Hydro vac for sign post. Cemented sign post with lease sign 1 meter north of wellhead 1 meter in the ground. Loaded up all old wellhead components. Prepared to move to N-06. Moved to N-6



## FINAL WELL DIAGRAM

GL: 720.8

REV # 1.0

Permanent bridge plug  
c/w 30m cement

## SULPHUR POINT

1331 - 1361

1366 - 1370.5

## **PRODUCTION CSG**

PBTD = 1331.00  
TD = 1421.00  
TVD = 1421.00

Size (mm): 139.7  
WT (kg/m) 20.83  
Depth (mKB): 1417.0

**REMARKS:**

## CAMERON F-77



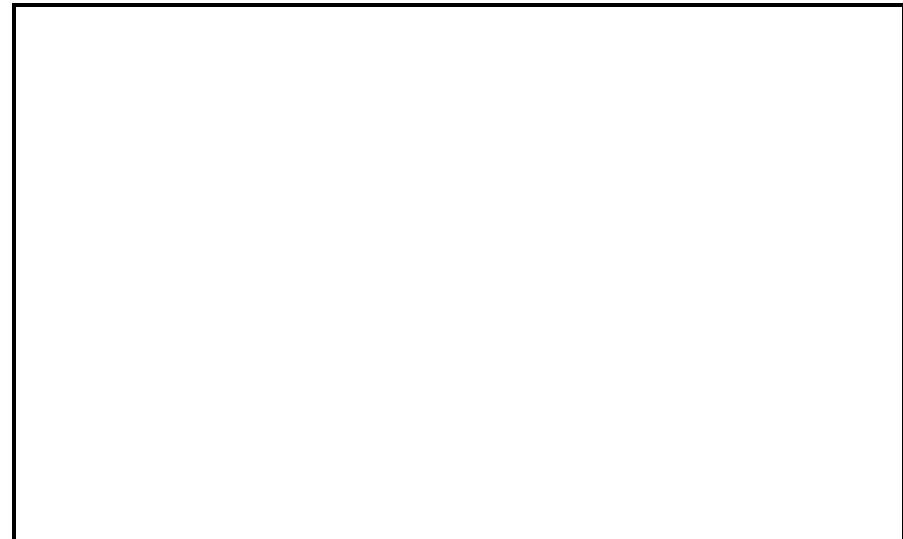
F-77 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north



Insert Comment