



Alvarez & Marsal Canada Inc.
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April 13, 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 K-74 – 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 13, 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 K-74 (ACW-2023-SOG-K-74-WID 1972)

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 K-74	Operator	Strategic Oil & Gas Ltd
Well Type	Development Well (if Other, specify _____)	Contractor	Elm Inc
Well Identifier	1972	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 13</u>	Approval to Alter Condition of Well	ACW - 2023-SOG-K-74-WID
			1972

LOCATION INFORMATION

Coordinates Datum: NAD27 (if Other, please specify _____)

Surface	Lat 60 ° 3 ' 40 "	Long 117 ° 29 ' 27 "
Bottom Hole	Lat 60 ° 3 ' 40 "	Long 117 ° 29 ' 27 "

Region: South Sl^e Unit K Section 74 Grid 60-10N 117-15W

ACTIVITY INFORMATION

Target Formation(s)	Sulphur Point	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	782.6 m	Ground Level / Seafloor	777.6 m
Spud/Re-entry Date	2 days	Total Depth	1465.8 m KB
Rig Release Date	February 21, 2023	Total Vertical Depth	1465.8 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	424.9	25.8
139.7	20.83	J-55	1465.8	27.8



PLUGGING PROGRAM					
Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m ³)	
Bridge	1386.8-1427.0	No	1427.0	0.5	
Select	-	Select			
Select	-	Select			
Select	-	Select			

PERFORATION					
Interval (m KB)	Comments				
1431.0-1434.5	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	Well requires gas migration testing in the 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	April 14, 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 28, 2023
UWI:	300/K-74 60-10N 117-15W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	

Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$42,236.25	\$38,657.01
Project Descriptor: Well Abandonments				

Cost Coding	Surface Location	60.061410, -117.492000	AREA	Cameron Hills NWT
	License	1972		

EXECUTIVE SUMMARY:

NWT App: ACW-2023-SOG-K-74-WID1972

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 equipment hot oiler boiler water. Rig up run in hole to 1361 mKB. Circulate hole to fresh water. POOH Pressure test well to 7000 kPa. Solid test. Blow coil dry rig out. Paint well head. Well ready for cut and cap.

Day 3: No bubbles on surface 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 28, 2023
UWI:	300/K-74 60-10N 117-15W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$42,236.25
Previous Costs to Date:	\$0.00	Current Days Costs:	\$7,124.00
OPERATIONS SUMMARY:	Move in Eline unit, complete Radial Cement Bong Log, wait on interpretation. SDFN		

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		Warren Watson	\$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
E-Line Unit			23-0024-32	Titanium	\$7,124.00		\$7,124.00
							\$0.00
							\$0.00
							\$0.00
							\$0.00
					SUBTOTAL		\$7,124.00
					Management Fee:		\$0.00
					THIRD PARTY TOTAL		\$7,124.00

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Time	Well Abandonments
9:00:00 AM	Arrived on location bump test and sweep location with 4 head lel monitor, recorded spills and other lease defficiencies, Weather Clear, Windy, -22 C, Held Safety and
09:30 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.
10:00 AM	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.
10:10 AM	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 48.0 m from surface. Completed high speed log running into wellbore (all looked good) Tagged programmed cement top 1361.31 mKB pulled 60 meter repeat pass, loged from PB 1361.31 mKB to fluid top 48.0 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
14:00 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 21, 2023	
UWI:	300/K-74 60-10N 117-15W		Report #:	2	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$42,236.25	% of AFE spent:	76%
Previous Costs to Date:	\$7,124.00	Current Days Costs:	\$25,087.51	Total Cost to Date:	\$32,211.51
OPERATIONS SUMMARY:	Move in coil equipment hot oiler boiler water. Rig up run in hole to 1361 mKB. Circulate hole to fresh water. POOH 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

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		7410	Titanium Coil	\$14,423.76		\$14,423.76
Mobile boiler.	9.00		110365	Miktye	\$1,485.00		\$1,485.00
Hot oiler/pressure truck	9.00		93194	Apex	\$5,828.75		\$5,828.75
Vac truck	5.00		110209	Miktye	\$2,000.00		\$2,000.00
							\$0.00
							\$0.00
MAN HOURS TOTAL	53.00				SUBTOTAL		\$23,737.51
					Management Fee:		\$0.00
							THIRD PARTY TOTAL
							\$23,737.51

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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. Went to spot tank, coil unit got stuck, had to pull out with grader. 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.
9:00	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 1361 mKB. Forward circulate with warm fresh water. Pumping @ 240 l/min @ 50 deg C. 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. Engage 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.
15:30	Paint well head with Orange paint, Move all equipment off location.
16:00	Next operation, well is ready for cut and cap.

**DAILY REPORT**

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	March 15, 2023	
UWI:	300/K-74 60-10N 117-15W		Report #:	3	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$42,236.25	% of AFE spent:	92%
Previous Costs to Date:	\$32,211.51	Current Days Costs:	\$6,445.50	Total Cost to Date:	\$38,657.01
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	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	\$4,500.00	✓	\$4,500.00
Hydro vac				Innovative	\$1,500.00	✓	\$1,500.00
							\$0.00
							\$0.00
							\$0.00
	MAN HOURS TOTAL	0.00			SUBTOTAL		\$6,000.00
					Management Fee		\$0.00
					THIRD PARTY TOTAL		\$6,000.00

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Time	Well Abandonments
10:00	Held pre job safety meeting with Innovative cut crew and Sierra vac driver. Reviewed ELM ERP and safe work permit. Stars site number 4319 Discussed daily hazards and operations. Working in cold weather conditions lots of uneven lease conditions and high pressured surface lines when cutting,
10:30	Sweep location for LELs installed bubbles tester into surface casing vent. Monitored for 10 minutes no bubbles on surface vent. Confirmed wellhead coordinates 60.0614 , -117.4923
11:00	Removed top section of wellhead. Proceed to cutting well. Daylighted around the outside of the wellhead seen 16 inch conductor barrel 1 meter below existing ground level. Set jet pressure made one full rotation with cutter. Rigged out cutting tools.
12:00	Pulled up and removed wellhead and conductor barrel. Measured and confirmed well was cut off 2.1 meters below ground level. Installed vented cap into casing with well LSD and license number on it. Back fill hole with back hoe. Dug culvert out from around wellhead. Dug hole with hydro vac 1 meters north of cut off wellhead installed lease sign cemented sign post in the ground 1 meter sign facing north. Loaded all old wellhead components prepared to move to C-74



FINAL WELL DIAGRAM

CAMERON K-74



K-74 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north



Insert Comment