



April 5, 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 J-37 – 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.*

April 5, 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 J-37 (ACW-2021-SOG-J-37-WID 1751)**

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.
5. Perforating logs (Sent as a separate email attachment)

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 J-37	Operator	Strategic Oil & Gas Ltd
Well Type	Exploratory Well (if Other, specify _____)	Contractor	Elm Inc
Well Identifier	1751	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 14	Approval to Alter Condition of Well	ACW - 2021-J-37-WID 1751

**LOCATION INFORMATION**

**Coordinates** Datum: NAD27 (if Other, please specify \_\_\_\_\_)

Surface	Lat 60 ° 6 ' 35 "	Long 117 ° 36 ' 26 "
Bottom Hole	Lat 60 ° 6 ' 35 "	Long 117 ° 36 ' 26 "

Region: South Slc Unit J Section 37 Grid 60-10N 117-30W

**ACTIVITY INFORMATION**

Target Formation(s)	Keg River / Sulphur PT	Field/Pool(s)	Cameron Hills /
Elevation KB/RT	729.4 m	Ground Level / Seafloor	725.7 m
Spud/Re-entry Date	8 days	Total Depth	1576 m KB
Rig Release Date	January 23, 2023	Total Vertical Depth	1576 m KB

**CASING AND CEMENTING PROGRAM**

O.D. (mm)	Weight (kg/m)	Grade	Setting Depth (m KB)	Cementing (m³)
244.5	53.57	J-55	393	22.8
177.8	29.76	J-55	1252.0	35.96
114.3	14.14	J-55	1137.6 - 1575.0	11.93



**PLUGGING PROGRAM**

Type of Plug	Interval (m KB)	Felt	Setting Depth (m KB)	Cementing (m <sup>3</sup> )
Bridge	1323-1382	No	1382	0.5
Bridge	1101.4-1125	No	1125	0.5
Cement Retainer	441.1-460	No	460	13.8
Select	-	Select		

**PERFORATION**

Interval (m KB)	Comments
1393.0-1403.0	Sulphur Point - Abandoned
470.0-471.0	Remedial Perforation - Circulated 13 m <sup>3</sup> of cement through perforations
-	
-	


**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	Keg river was previously abandoned by operator, refer to schematic. Abandonment of liner top @ 1137.6 mKB with plug and cement.
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	 Responsible Officer of Company	Date	April 5, 2023

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

 <div>DAILY REPORT</div>			
CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE:	January 16, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	

Proj # / AFE / Job Number:	STRA050	AFE Amount:	\$254,700.60	\$297,547.94
Project Descriptor:	Well Abandonments			

Cost Coding	Surface Location	60.109870, -117.608822	AREA	Cameron Hills NWT
	License	1751		

## EXECUTIVE SUMMARY:

### NWT App: ACW-2021-SOG-J-37-WID1751

Day 1: Move to location, Rig up, Install bop's move in slick like pull plug assembly from 60mKB and pull plug assembly from 1369mKB, SDFN

Day 2: Kill the well, Unset the packer, POOH with production string, RIH with Bridge plug, hang plug for the night.

Day 3: Spot 114.3mm BP at 1382mKB, Set and pressure test hole to 7 mPa. Batch up 0.5m<sup>3</sup> og class G cement. Balance in place, POOH with tbg. Move in and rig up Wireline to run CBL. Send logs to elmdownhole winterize equipment, SDFN.

Day 4: Standby day

Day 5: Orientate the new rig crew, RIH with 177.8mm BP, set and pressure test. Orogo visited and inspected equipment. Balance cement plug, Rig in wireline, Perf. 470 -471mKB, Break circulation up the surface casing.

Day 6: Circulate the surface casing clean, RIH and set retainer, Pressure test and wait on cementers. Cementing postponed for tomorrow. Circulate the remaining clean fresh around the well and SDFN.

Day 7: Cementers encountered road troubles and were late, rig in cementers Pump and circulate 13.8m<sup>3</sup> slurry squeeze and obtained a 2mPa flat line. Back wash leaving 15m above retainer. Pooh with 5 joints, SDFN.

Day 8: POOH lay down tbg, Rig out equipment and move to next job. Well head riser, 147 jts of pipe, pup jts and piles remain on location. Well head painted orange ready for cut and cap.

Day 9: Move in and run in with CBL. Log the well. Rig out and move off.

Day 10: No bubbles on surface vent. Conduct cut and cap on well. Well cut 2.1 meters below existing ground level.



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 16, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	1
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$0.00	% of AFE spent:	18%
		Current Days Costs:	\$45,482.27
		Total Cost to Date:	\$45,482.27

**OPERATIONS SUMMARY:** Move to location, Rig up, Install bop's move in slick like pull plug assembly from 60mKB and pull plug assembly from 1369mKB, SDFN

## 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		Mike Young	\$1,200.00
Mileage	800.00	km	\$1.25			\$1,000.00
Meals (Non Camp)	1.00	Day	\$55.00			\$55.00
Accommodations (Non Camp)	1.00	At Cost	\$115.44			\$115.44
						\$0.00
SUBTOTAL						\$2,370.44
Management Fee:						\$0.00
ELM TOTAL						\$2,370.44

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Single Service rig	70.00		6991	Roll'n Oilfield Industries	\$12,887.08		\$12,887.08
Boiler	14.00		122418	Energetic	\$2,950.00		\$2,950.00
Testers	28.00		15697	Proflo	\$2,458.75		\$2,458.75
Air hand	14.00		2202	Firemaster	\$1,020.00		\$1,020.00
Rentals, Heater,			INV2373	Conley Max	\$12,750.00		\$12,750.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			38944	Longhorn	\$2,835.00		\$2,835.00
Communications			7006113	Red Rabbit	\$226.00		\$226.00
Slick line	10.00		27-00135	Maverik	\$4,885.00		\$4,885.00
Slick Line Stand By (Jan 15, 2023)			27-00134	Maverik	\$3,100.00		\$3,100.00
MAN HOURS TOTAL					136.00		
SUBTOTAL							\$43,111.83
Management Fee							\$0.00
THIRD PARTY TOTAL							\$43,111.83

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Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assessment meeting. The topics discussed were Moving equipment to next location, Using safety glasses when hammering on unions. Spoke about calibrating the crown saver to make sure it will stop in the allotted time. Talked about the job scope for the day. moving, rigging up, installing BOP's pulling tbg plug unsetting packer and killing the well.
07:30	Conduct a walk around lease and equipment inspection. Hook up the trailers and start the move to location.
08:15	Arrive on location. Conduct a walk around lease inspection. Found piles scattered throughout the lease. Maneuver around the pilings with the equipment. Conduct an LEL sweep of the wellhead area. negative tests.
09:00	Check pressures on the well. SITP 28kPa, SICP 17kPa. Conduct a bubble test by attaching a 13mm clear hose about 30cm long to the surface casing vent assembly. Submerge the hose into 25mm of washer fluid and monitor for 10 minutes. No bubbles. Continue to monitor the vent while working around the well.
10:30	Rig up the service rig, Pump and tank, Pressure vessel and flair stack, accumulator shack, boiler and flameless heater. Function test the BOP's, starting pressure 20,500kPa and final pressure after 3 functions was 15,000kPa. Change the pipe rams over to 73mm Rig in pump line to pressure test the pipe rams, blind rams, working spool valve, stabbing valve to 1.4mPa and 21mPa for 5 minutes on each stage. Bleed the pressure off.
12:30	Remove the well head and install the landing joint and stabbing valve into the 73mm eue lift threads on tbg hanger. Install the BOP's Rig in the pump lines to pressure test the annular preventer (bag) and R-45 ring seal to 1.4mPa and 7 mPa for 10 minutes on each stage. Held good.
14:00	Rig in the work floor and tbg handling equipment. Move in with slick line unit and crew.
14:15	Hold a pre job safety meeting and hazard assessment meeting, The topics discussed were applying pressure before unsetting the tbg plug. Working with slick line unit, staying off the rig floor, Unsetting the packer before retrieving the tubing plug.
14:30	Rig in the slick line unit. Make up equalizing prob. Rig in the pump line to the flow T. Fill tbg with 0.1m³ of fresh water and apply 3500kPa pressure. Tag and prob the tubing plug at 60mKB. POOH remove the prob, Make up and RIH with Pulling tool, RIH and pull slip stop, POOH, RIH with puller and pull the tbg plug, Pulled and jarred on the plug numerous times to release the plug. Pull then was dragging up the hole for 2 meters before letting go. POOH and recovered the tbg plug, RIH to retrieve the collar stop. POOH and recovered the collar stop.
17:00	Make up and RIH in the retrieval tool and was only able to get to 96mKB, Work the line to try to get passed and we could only get to 101mKB, could not make any more hole. POOH and found a piece of fine spring tangled up in the pulling tool. Make up and RIH with cable grab tool and tagged at 101mKB, Work the cable grab tool up and down a few time and managed to break through the tight spot. Run the tool down to 115mKB with no issues, ran the tool up and down through the tight spot from 90m to 110 meters and was able to get through with no issues. POOH and there was nothing in the cable grab tool it was clean.
19:00	RIH with probe pulling tool. RIG and tagged the plug at 1369.5mKB. latched on and was able to pull the probe out of the plug. POOH and recovered the probe. Make up and run in the hole with the plug pulling tool. Was able to latch on and could not pull plug free, sheard off. with the shear up tool, Make up the shear down tool and latch onto the plug. Pull more weight into the plug and fire jars. Fired jars repetedly and tried to shear off the tool by jarring down. While trying to shear off the plug let loose
20:00	and pulled out of the hole with the lock assembly. Rig out slick line unit.
20:30	Secure and night cap the well, Drain and winterize the pump lines. Debrief with the crew.



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 17, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	2
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$45,482.27	Current Days Costs:	\$22,357.93
		% of AFE spent:	27%
		Total Cost to Date:	\$67,840.20

**OPERATIONS SUMMARY:** Kill the well, Unset the packer, POOH with production string, RIH with Bridge plug, hang plug for the night.

## 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		Mike Young	\$1,200.00
Mileage	400.00	km	\$1.25			\$500.00
						\$0.00
						\$0.00
						\$0.00
SUBTOTAL						\$1,700.00
Management Fee:						\$0.00
ELM TOTAL						\$1,700.00

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Single Service rig	60.00		6992	Roll'n Oilfield Industries	\$10,854.18		\$10,854.18
Boiler	12.00		122419	Energetic	\$2,545.00		\$2,545.00
Testers	24.00		15697	Proflo	\$2,458.75		\$2,458.75
Air hand	12.00		2203	Firemaster	\$1,020.00		\$1,020.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			7006114	Red Rabbit	\$3,780.00		\$3,780.00
							\$0.00
MAN HOURS TOTAL					108.00		
SUBTOTAL							\$20,657.93
Management Fee							\$0.00
THIRD PARTY TOTAL							\$20,657.93

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

Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assessment meeting the topics discussed were job scope for the day, unsetting the packer, Pulling out of the hole. Setting bridge plug, heads up on another man down drill coming up and doing pack drills to get better at dawning SCBA's
07:30	Conduct a walk around lease and equipment inspection, Function test the E-kills, Crown saver and BOP's SICP 0 kPa, SITP 1380kPa. Check the bubble tester for bubbles, No bubbles.
08:00	Rig the testers into the tubing to bleed off the gas head to the flair stack. bleed 1.13 e³m³, tubing lifted 0.3m³ of produced fluid to the test vessel. Rig in the pump line and pump 10m³ of 1% H₂S scavenged water down the tbq. Tubing on a slight vac.
09:00	Pick up on tbq string while holding 1 rotation of torque, Pulled 13daN (3daN over string) the anchor unset the the casing went on vac. Allow the packer elements to contract for 15 minutes.
10:00	Rig in the pump line to pump 20m³ of 1% H₂S scavenged fresh water down the casing. Casing on vac.
11:00	Start pulling out of the hole with the production string. While pulling driller noticed the well was venting slightly. Stop and tie in the pump line to trickle down the casing @ 150L/min (minimun pump rate) while pulling out of the hole.
12:00	Pulled out of the hole with the production string as follows; 1- 73mm tbq joint, 3- 73mm tubing pups, 145- 73mm tbq joints, 1- profile nipple, 1- 73mm x 114.3mm on/off tool, 1- 73mm handling pup, 1- 114.3mm double grip packer, 1- 60.3mm pup joint, 1- 60.3mm profile no-go nipple c/w re-entry guide. The last 42 joints were slim hole collars and changed out tubing elevators to slip type elevators. Trickled 9.5m³ of kill fluid down while pulling out of the hole.
15:30	Make up and Run in the hole with a 10k 114.3mm perminant drillable bridge plug on a HM setting tool, 1- handling pup, 1- 114.3mm mechanical casing collar locator, 1- handling pup, Tubing to surface, Well was starting to vent again while tripping in the hole. Start the pump and trickle at 150L/min
17:30	Hang the bridge plug 22 meters short of set depth, haul tubing to location for morning. Trickled 7.5m³ of kill fluid while tripping in the hole.
18:30	Drain and winterize the pump and lines. Secure and night cap the well head. fuel equipment SDFN





# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 18, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	3
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$67,840.20	Current Days Costs:	\$28,219.38
		% of AFE spent:	38%
		Total Cost to Date:	\$96,059.58

**OPERATIONS SUMMARY:** Spot 114.3mm BP at 1382mKB, Set and pressure test hole to 7 mPa. Batch up 0.5m<sup>3</sup> of class G cement. Balance in place, POOH with tbg. Move in and rig up Wireline to run CBL. Send logs to elmdownhole winterize equipment, SDFN.

## 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		Mike Young	\$1,200.00
Mileage	400.00	km	\$1.25			\$500.00
						\$0.00
						\$0.00
						\$0.00
SUBTOTAL						\$1,700.00
Management Fee:						\$0.00
ELM TOTAL						\$1,700.00

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Single Service rig	60.00		6993	Roll'n Oilfield Industries	\$11,870.63		\$11,870.63
Boiler	12.00		122420	Energetic	\$3,110.00		\$3,110.00
Testers	24.00		15697	Proflo	\$2,458.75		\$2,458.75
Air hand	12.00		2204	Firemaster	\$1,020.00		\$1,020.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			Est	Red Rabbit	\$0.00	✓	\$0.00
Wireline	15.00		23-0024-18	Titanium Wireline	\$8,060.00		\$8,060.00
MAN HOURS TOTAL					123.00		
SUBTOTAL							\$26,519.38
Management Fee							\$0.00
THIRD PARTY TOTAL							\$26,519.38

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

Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assesment meeting. The topics discussed were Radio controlled roads calling kms, Making up JSA's for jobs that are out of the ordinary submitting them to Orogo for review before proceeding with the task.
07:30	Preformed a walk around lease and equipment inspection. Check the bubble tester for bubbles. No bubbles, Check the SICP 120kPa, SITP 0 kPa, Bleed the pressure off to the P-tank. No trace of H <sub>2</sub> S. Function test the crown saver, E-kills and BOP's, Function test was 21,000kPa and final was 15,000kPa.
08:00	Pick up tbg and locate casing collars at 1363.9 & 1376 and 1388.2mKB. Spot the <b>Permanent drillable bridge plug @ 1382mKB</b> . Set Bridge plug by pumping 4m <sup>3</sup> of clean fresh water down the tbg to pressure up to 16mPa to activate the HM setting tool. Pick up and pack off the element by pulling 10 daN over string (19daN) Hold for a few minutes. Lower tbg string down and set string weight on the plug. Pick up 2 daN over string, Fill casing with 7.2m <sup>3</sup> of fresh water to pressure up the hole and pressure test to 7mPa for 10 minutes. Held solid. Bleed the pressure off to 0kPa. Rotate tbg to the right 6 rotations to release the setting tool from the bridge plug. Using the rig pump, suck back on the casing while batch mixing and pouring 0.5m <sup>3</sup> of class G slurry mixed at 1900kg/m down the tubing. Rig in the pump line to forward circulate 4m <sup>3</sup> to balance the cement on top of the bridge plug leaving <b>cement top @ 1323mKB</b> . pull 6 joints slowly through the cement.
10:00	Rig in pump lines to reverse circulate the well over to clean fresh water, Pumped 26m <sup>3</sup> @ 500L/min Stop the pump.
11:30	Pull and stand tubing in the derrick, With 5 joint left in the hole. Rig in the pump line to break forward circulation topping up the hole with 3m <sup>3</sup> fresh water. Continue pulling out of the hole.
15:00	Move in and rig up Wire line unit, RIH with HSOV CBL to 1200mKB. Log from 1200mKB to surface. Send the logs via email to elmdownhole for review.
17:00	Received instruction to run a pressure pass from 1200mKB to 325mKB. RIH to 1200mKB, Pressure up and maintain 5mPa on the casing while pulling the CBL. Send the results of the logs to Elmdownhole via email.
19:00	Drain and winterize the pump and lines, Secure and night cap the well head, Check bubble tester for bubbles, no bubbles, Fuel equipment.
19:30	Debrief with crew about the day and having a later start for morning 9:00am.



## DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	January 19, 2023	
UWI:	300/J-37 60-10N 117-30W		Report #:	4	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60	% of AFE spent:	48%
Previous Costs to Date:	\$96,059.58	Current Days Costs:	\$27,322.89	Total Cost to Date:	\$123,382.47
OPERATIONS SUMMARY:	Standby by for Orogo's direction				

### 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		Mike Young	\$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
Single Service rig	40.00		6994	Roll'n Oilfield Industries	\$13,840.04		\$13,840.04
Boiler	8.00		122421	Energetic	\$2,477.10		\$2,477.10
Testers	16.00		15697	Proflo	\$2,458.75		\$2,458.75
Air hand	8.00		2205	Firemaster	\$1,020.00		\$1,020.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			Est	Red Rabbit	\$0.00	✓	\$0.00
Toilet and garbage bin delivery	9.00		12398	L&P	\$1,237.00		\$1,237.00
Wireline	24.00		23002419	Titanium Wireline	\$4,940.00		\$4,940.00
MAN HOURS TOTAL		105.00					
SUBTOTAL							\$25,972.89
Management Fee							\$0.00
THIRD PARTY TOTAL							\$25,972.89

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Time	Well Abandonments
09:00	Arrive on location. Service and start equipment. Check the bubble tester for bubbles, No bubbles.  Standby for Orogo's decision for perf interval
16:00	Received instruction to proceed to step 61 of the program. Decision was made to run the Bridge plug in the morning due to time of day.



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 20, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	5
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$123,382.47	Current Days Costs:	\$28,378.38
		% of AFE spent:	60%
		Total Cost to Date:	\$151,760.85

**OPERATIONS SUMMARY:** Orientate the new rig crew, RIH with 177.8mm BP, set and pressure test. Orogo visited and inspected equipment. Balance cement plug, Rig in wireline, Perf. 470 -471mKB, Break circulation up the surface casing.

## 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		Mike Young	\$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
Single Service rig	40.00		7175	Roll'n Oilfield Industries	\$15,695.63		\$15,695.63
Boiler	8.00		122422	Energetic	\$2,706.00		\$2,706.00
Testers	16.00		15697	Proflo	\$2,458.75		\$2,458.75
Air hand	8.00		2206	Firemaster	\$1,020.00		\$1,020.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			Est	Red Rabbit	\$0.00	✓	\$0.00
Toilet and garbage bin rental				L&P	\$0.00		\$0.00
Wireline	24.00		23-0024-20	Titanium Wireline	\$5,148.00		\$5,148.00
MAN HOURS TOTAL					96.00		
SUBTOTAL							\$27,028.38
Management Fee							\$0.00
THIRD PARTY TOTAL							\$27,028.38

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Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assessment meeting. The topics discussed were new crew new to the rig and work area, conducted a site specific orientation and went over some of the procedures related to the project, expect a visit from Orogo for an inspection. Discussed job scope for the day. The whole crew did the Elm orientation on complyworks before leaving the dog house.
08:00	Preform a walk around lease and equipment inspection, Crew is familiarizing themselves with the equipment, before opening the well. SICP 0 kPa. Check for ice plugs, check the bubble tester for bubbles, no bubbles. Function test the crown saver, E-kills, 3 functions of the BOP's starting pressure 21,500kPa final after 3 functions 15,000kPa.
09:30	Make up the 177.8mm perminant drillable 10k bridge plug on HM setting tool. Run in the hole with plug on 73mm tbg.
11:30	Locate casing collars @ 1107.3 & 1120.3mKB, Spot and <b>set the bridge plug @ 1125mKB</b> , by filling the tbg with 3.8m³ of clean fresh water. Pressure up to 16mPa to activate the setting tool. Pick up 10 daN over string weight and hold for a few minutes. Lower the tbg down and set string weight (9 daN) on the plug. Pump down the casing to pressure up to 7 mPa, Hold for 15 minutes. Held solid. Bleed the pressure off. Pick up tbg and pull 2daN over string, Rotate the tbg 6 turns to the right to release the setting tool from the bridge plug. Reverse circulate 4m³ to remove the air bubble from the tbg.
13:00	<b>OROGO reps arrived on lease to conduct an inspection of the equipment and check certs on all equipment.</b>
14:30	Suck back on the casing. Rig in air hose to displace water down the tbg up the casing to make room for the cement slurry. Batch up 0.5m³ of class G oilwell cement at 1900kg/m³, Pour into the tubing. Rig in the pump line to forward circulate 3m³ of clean fresh water. Stop the pump and the cement is balanced on top of the bridge plug leaving <b>cement top @ 1101.4mKB</b> Pull 4 joints slowly. Reverse circulate 4m³ of fresh water clean returns. Stop the pump Pull out of the hole and lay down 85 joints. Stand 60 jts Rig in wire line unit. Hold a pre job safety meeting and hazard assessment meeting. The topics discussed were arming the gun, Keeping out of the wellhead area while picking up the gun and running in the hole.
18:00	Arm the <b>86mm ERHSC carrier loaded with 25gr Good hole charges with 60° Phasing 17 shots per meter</b> . RIH and log into position using the CBL dated Jan 17 to
18:15	correlate the gun to <b>perforate at 470mKB to 471mKB</b> . POOH with gun, Confirm all shots fired. Rig out wireline unit.
18:30	Rig in pump lines to attempt circulation. Pump down the casing @ 400L/min Pumped 3.5m³ before seeing returns up the surface casing vent. Pumped @ 350L/min for 5 minutes. no losses to record. Pumped a total of 5m³ fresh down the casing. Stop the pump. Suck back on lines and wellhead.
19:00	Drain and winterize the pump and lines, Secure and night cap the wellhead. Fuel equipment.
19:30	Debrief with the crew about the day.



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal		DATE :	January 21, 2023	
UWI:	300/J-37 60-10N 117-30W		Report #:	6	
PROJECT MANAGER:	Christopher Gagnon		AFE #:		
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60	% of AFE spent:	66%
Previous Costs to Date:	\$151,760.85	Current Days Costs:	\$17,359.56	Total Cost to Date:	\$169,120.41
OPERATIONS SUMMARY:	Circulate the surface casing clean, RIH and set retainer, Pressure test and wait on cementers. Cementing postponed for tomorrow. Circulate the remaining clean fresh around the well and SDFN.				

## 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		Mike Young	\$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
Single Service rig	50.00		7176	Roll'n Oilfield Industries	\$9,319.50		\$9,319.50
Boiler	10.00		122423	Energetic	\$2,538.00		\$2,538.00
Testers	20.00		15697	Proflo	\$2,458.75		\$2,458.75
Air hand	10.00		2207	Firemaster	\$1,020.00		\$1,020.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			Est	Red Rabbit	\$0.00	✓	\$0.00
Toilet and garbage bin rental				L&P	\$0.00		\$0.00
Slip type elevators			46285	Caliber Energy	\$673.31		\$673.31
MAN HOURS TOTAL					90.00		
SUBTOTAL							\$16,009.56
Management Fee							\$0.00
THIRD PARTY TOTAL							\$16,009.56

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Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assessment meeting. The topics discussed were job scope for the day, Hazards associated, Hazard hunting rigging out and moving equipment in and out of the lease.
08:00	Preform a walk around lease and equipment inspection, Function test the crown saver, E-kills and BOP's. SICP on slight vac. Rig in the pump lines to pump down the casing and return up the surface vent, Pumped 8m³ of clean fresh water, Did not lose any fluid during circulating operations, The returns also were a water based drilling mud looking substance. Circulated at 200L/min with no circ pressure. stop the pump.
09:30	Make up and RIH with 177.8mm cement retainer. Called to confirm the set depth with office. Casing collar at 465.35mKB. Pull retainer up to 460mKB. Set the retainer by picking up tbg 1m, rotate tubing to the right 13 rotations, Lower retainer back down to set depth at 460mKB. Pick up and pull 16daN over string weight to pack off the element. Hold for 5 minutes. Lower the tbg down and set string weight on the retainer, repeat once more. Rig in the pump line to fill and pressure test the casing to 7 mPa and hold for 15 minutes. Held solid. Pull retainer into neutral by pulling 2 daN over string. Tie in the pump line to pressure test the retainer to 7 mPa, Held solid. Bleed the pressure off.
11:30	Lay down remaining tubing out of the derrick. Wait on cementers.
14:00	Cementers called to tell us they have been held up on their current job and will be late to arrive to do our job. Postponed the job for tomorrow morning 09:00.
14:30	Sting in to the retainer, tie in the pump line to pump the 20m³ of clean fresh water down the tbg up the surface casing vent. Monitor the returns and still did not lease any returns to the formation. Returns cleaned up but the water is still gray. Leave the retainer stung in for the night
17:00	Drain and winterize the pump and lines, Secure and night cap the wellhead. fuel equipment. Haul a 24.5m³ load of waste to Secure in Rainbow lake



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 22, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	7
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$169,120.41	Current Days Costs:	\$77,695.83
		% of AFE spent:	97%
		Total Cost to Date:	\$246,816.24

**OPERATIONS SUMMARY:** Cementers encountered road troubles and were late, rig in cementers Pump and circulate 13.8m³ slurry squeeze and obtained a 2mPa flat line. Back wash leaving 15m above retainer. Pooh with 5 joints, SDFN.

## 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		Mike Young	\$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
Single Service rig	50.00		7177	Roll'n Oilfield Industries	\$12,859.52		\$12,859.52
Boiler	10.00		122424	Energetic	\$2,868.40		\$2,868.40
Testers crew relief	20.00		15698	Proflo	\$5,215.00		\$5,215.00
Air hand	10.00		2208	Firemaster	\$1,890.00		\$1,890.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			Est	Red Rabbit	\$0.00	✓	\$0.00
Toilet and garbage bin rental				L&P	\$0.00		\$0.00
Cementers			46333	Caliber Energy	\$44,292.07		\$44,292.07
Tool hand, BP's, retainer, cement	10.00		CS0055629	Tryton	\$9,220.84		\$9,220.84
Air hand demob			2209	Firemaster			\$0.00
MAN HOURS TOTAL					100.00		
SUBTOTAL							\$76,345.83
Management Fee							\$0.00
THIRD PARTY TOTAL							\$76,345.83

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Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assessment meeting. The topics discussed were cementing operations procedures and rigging out moving to next lease.
08:00	Preform a walk around lease and equipment inspection. SICP 0 kPa. Function test the Crown saver, E-kills and BOP's. Wait on cementers to arrive.
11:30	Cementers arrived, Had some trouble with the road in and chained up all the equipment.
12:00	Hold a pre job safety meeting with the cementers. the topics discussed were spacing, spotting equipment, rigging in pump lines, Job procedures, reviewed the cementing program.
12:30	Set up the wellhead area to tie in the cementers. There was some issues with the C&A units electrical and was able to find and fix the issue.
14:00	Start the pump, pumped 300L to break circulation back to the rig tank Stop the pump. close the tubing valve. Pressure test to 21mPa for for 2 minutes, No leaks.
14:45	Batch up 1m³ of CRS pre-flush to treat annular losses and prevent cement fallback.
14:52	Switch over to clean water and pump 0.15m³. stop the pump.
15:00	Prehydrate the mix water with additives 0.8% CDFL, 2.0% CAL BWOC in 8m³ of water to make <b>9.8m³ of slurry</b> Mix dry CGL1800 cement with mix water while pumping down the tubing at 300L/min. No pressure to record until the cement hit the perms then we started seeing 0.5mPa. mixed and pumped 9.8m³ of 1800kg/m³ slurry. Monitored the rate of return and <b>confirmed 95% returns while circulating cement.</b>
16:30	Prehydrate the mix water with additives 0.8% CDFL, 2.0% CAL BWOC in 3m³ of water to make <b>4m³ of slurry</b> Mix dry CGL1800 cement with mix water while pumping down the tubing at 300L/min. No pressure to record until the cement hit the perms then we started seeing 0.5mPa. mixed and pumped 4m³ of 1800kg/m³ slurry. Monitored the rate of return and confirmed and still 95% returns while circulating Ran out of cement before seeing cement returns to surface. With 1.4m³ of cement in the tubing, Close the surface casing vent. Pumped 300L to pressure up to 2 mPa. Stop the pump.
17:00	Wash up the pumping equipment while hasitating the squeeze.
17:40	pressure down to 0.3mPa. Restart the pump at 40L/min pumped 250L pressure at 2mPa stop the pump.
17:46	pressure down to 1.3mPa. Restart the pump at 40L/min pumped 150L pressure at 2mPa stop the pump.
17:56	pressure down to 1.3mPa. Restart the pump at 40L/min pumped 50L pressure at 2mPa stop the pump. Flat line for 10 minutes. at 2mPa.
18:28	Pull retainer into Neutral Bleed the pressure off. Sting out of the retainer. Pump 700L of fresh to balance the cement on the retainer. Pull 3 joints. rig in pump lines to
18:38	backwash with 2.2m³ of clean fresh water. Pull 5 more joints. <b>0.4m³ cement above the retainer, 0.3m³ below the retainer, 13m³ cement circulated around into the surface casing. 2.1mPa flat line for 10 minutes recorded</b>
20:30	Secure and night cap the wellhead. Drain and winterize the pump and lines. Fuel equipment Shut down for the night. Debrief with crew.



# DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	January 23, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	8
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$246,816.24	Current Days Costs:	\$20,221.20
		% of AFE spent:	105%
		Total Cost to Date:	\$267,037.44

**OPERATIONS SUMMARY:** POOH lay down tbg, Rig out equipment and move to next job. Well head riser, 147 jts of pipe, pup jts and piles remain on location. Well head painted orange 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	2.00	day	\$1,200.00		Mike Young	\$2,400.00
Mileage	1398.00	km	\$1.25			\$1,747.50
Mileage (Minimum Charge)	1.00	Day	\$150.00		Tim Schmidt	\$150.00
						\$0.00
						\$0.00
SUBTOTAL						\$4,297.50
Management Fee:						\$0.00
ELM TOTAL						\$4,297.50

## THIRD PARTY CHARGES

Add new line to THIRD PARTY CHARGES

SERVICE PROVIDED	MAN HOURS	PO#	TICKET #	CONTRACTOR	SUBTOTAL	Est.	AMOUNT
Single Service rig	50.00		7178	Roll'n Oilfield Industries	\$4,838.70		\$4,838.70
Testers	10.00		15698	Proflow	\$10,430.00		\$10,430.00
Rentals, Heater,			Est	Conley Max			\$0.00
Rentals Light tower			Est	Pinnacle	\$0.00	✓	\$0.00
Rentals Office shack			Est	Longhorn	\$0.00	✓	\$0.00
Communications			Est	Red Rabbit	\$0.00	✓	\$0.00
Toilet and garbage bin rental			Est	L&P	\$0.00	✓	\$0.00
Air Trailer			2209	Firemaster	\$655.00		\$655.00
MAN HOURS TOTAL					60.00		
SUBTOTAL							\$15,923.70
Management Fee							\$0.00
THIRD PARTY TOTAL							\$15,923.70

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Time	Well Abandonments
07:00	Hold a pre job safety meeting and hazard assessment meeting. The topics discussed were job scope for the day, being towed up the next hill with a cat, cleaning up equipment, Radio controled roads and speed limit. Is 50km/h. We reviewed the Hazard ID's Calder wrote up and discussed the hazards.
08:00	Conduct a walk around lease and equipment inspection. Check shut in vent pressure. No pressure. Install a bubble tester conduct a 10 minute bubble test, no bubbles.
08:30	Function test the crown saver and E-kills, Function test the BOP's
09:00	Pull and lay down the remaining tubing string. and stinger.
10:00	Rig out the tbg handling equipment, Rig out the work floor. Remove the BOP's. Install the wellhead.
10:30	Rig out the service rig and related equipment. clean up the lease and equipment. Move off location.
12:00	Paint the wellhead orange ready for cut and cap.
	Well is ready for cut and cap. A few piles around the wellhead area, 147 jts of tbg, wellhead riser remain on location.
	NOTE: Cross shift today. Tim taking over for Mike while he goes on days off.
	NOTE: since cement was not returned to surface, OROGO has requested a new bond log to be run



## DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	February 12, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	9
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$267,037.44	Current Days Costs:	\$24,065.00
		% of AFE spent:	114%
		Total Cost to Date:	\$291,102.44

OPERATIONS SUMMARY: Move in and run in with CBL. Log the well. Rig out and move off.

### 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		Mike Young	\$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
Wireline CBL	8.00		23-0149-07	Titanium Wireline	\$6,890.00		\$6,890.00
Fluid disposal (Jan 23)			780-1	Secure	\$7,875.00		\$7,875.00
Fluid disposal (Jan 17)			783-1	Secure	\$9,300.00		\$9,300.00
							\$0.00
							\$0.00
							\$0.00
MAN HOURS TOTAL					8.00		
SUBTOTAL							\$24,065.00
Management Fee							\$0.00
THIRD PARTY TOTAL							\$24,065.00

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

Time	Well Abandonments
15:00	Move in wireline unit.
15:30	Issue a safe work permit, ERP, Notice of supervisor and well documentation.
16:00	Conduct a walk around lease and equipment inspection. The set up of the wellsite is limiting access and decided to back in along side the flow line to utilize as much space as possible. Conduct an LEL sweep of the work area, negative results. Break down the SCV assembly to ensure there are no blockages. Reinstall the vent assembly. Make up a bubble tester by installing a 15mm x 40cm clear hose to the vent assembly and submersing the end of the hose into 25mm of fresh water, Monitor for 10 minutes. No bubbles observed.
17:00	Remove the wellhead. Install the wireline flange. Pick up and RIH with CBL. Found fluid level @ 28m from surface. RIH with HSOV to 412mKB Log CBL to fluid level
17:30	Reinstall the wellhead. Rig out wireline unit, Secure and night cap the well head. Release wireline



## DAILY REPORT

CLIENT:	Strategic Oil & Gas C/O Alvarez & Marsal	DATE :	March 11, 2023
UWI:	300/J-37 60-10N 117-30W	Report #:	10
PROJECT MANAGER:	Christopher Gagnon	AFE #:	
PROJECT NUMBER:	STRA050	AFE Amount:	\$254,700.60
Previous Costs to Date:	\$291,102.44	Current Days Costs:	\$6,445.50
		% of AFE spent:	117%
		Total Cost to Date:	\$297,547.94

**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 825-522-3350	\$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
							\$0.00
MAN HOURS TOTAL					0.00		
SUBTOTAL							\$6,000.00
Management Fee							\$0.00
THIRD PARTY TOTAL							\$6,000.00

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

Time	Well Abandonments
10:00	Spotted equipment on site. Held pre job safety meeting with Innovative cut and ca crew and Sierra vac driver. Reviewed ELM ERP and safe work permit. Stars site number 4319. Discussed daily operations and hazards. Working on ice roads be sure all equipment is chained up all moving equipment must have spotters. Make sure we have 2 guys when lifting cutting tool out of hole.
10:30	Sweep location for LELs installed bubble tester into surface vent monitored vent for 10 minutes no bubbles on vent. Confirmed J-37 coordinates 60.110,-117.608
11:00	Proceed to cutting wellhead installed tool into wellhead tied in hoses. Daylighted around wellhead exposed 16 inch conductor barrel. Set jet pressure made one full rotation with cutter.
12:00	Pulled up and removed wellhead and conductor barrel. Measured and confirmed well was cut 2.1 meters below existing ground level. Installed vented cap into casing. With well LSD and license number on it. Back filled hole with material on location. Hydro vc a hole 1 meter north of well installed lease sign cemented sign post 1 meter in the ground. Loaded all old wellhead components. Picked up all line locating sticks.





## CAMERON J-37



J-37 Wellhead



Vented cap



Sign placed on north side of the wellhead and facing north



Insert Comment