



November 10, 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 L-47– 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,

A handwritten signature in grey ink, appearing to be 'D. Macrae', written over a light blue horizontal line.

**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.*

November 10, 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 L-47 (ACW-2023-SOG-L-47-WID 1736)**

ELM Inc, acting on behalf of Alvarez & Marsal Canada Inc in their capacity as the receiver for Strategic Oil and Gas Ltd has completed an inspection and gas migration testing on the above mentioned well. Testing was confirmed to be in frost free conditions by boring holes on the lease and examining the soil. Enclosed is the following documents for the final report on this well.

1. Well site inspection form
2. Photographs from inspection
3. Gas migration test plot
4. Wellbore diagram

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

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## Well Inspection Report

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### Instructions

- Complete all pages.
- Sign and submit electronically within 30 days of the well inspection to [orogo@gov.nt.ca](mailto:orogo@gov.nt.ca).
- If you wish to submit a hard copy, please use the courier address at [www.orogo.gov.nt.ca/contact-us](http://www.orogo.gov.nt.ca/contact-us).
- Refer to the [Well Suspension and Abandonment Guidelines and Interpretation Notes](#) (May 2022) for details on well inspection requirements.
- Report in metric units.

#### Required attachments:

- Photos of wellhead and well site (*Include descriptions*)  
# of photos attached: 11
- Wellhead schematic
- Wellbore schematic

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### Well Information

Well name: Strategic et al Cameron L-47

4 digit WID: 1736

OROGO risk level: Level 2

Wellhead?  Yes  No

Pressure rating of all wellhead components: None

Pumpjack?  Yes  No

Operator: Strategic Oil & Gas Ltd

Well status: Suspended

Coordinates (*In decimal degrees; verified onsite*)

Datum:  NAD 27  NAD 83  Unknown

Lat: 60.1088

Long: -117.6565

Completed in H<sub>2</sub>S zone? No

Estimated % of H<sub>2</sub>S: [Click or tap here to enter text.](#) or

Measured % of H<sub>2</sub>S: [Click or tap here to enter text.](#)

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### Inspection Date and Contact Information

Date of inspection: 2023-10-11

Date of previous inspection: [Click or tap to enter a date.](#)

Inspection conducted by:

Name: Matt Ewanchuk

Company: ELM Inc

Phone: 4038722418

Email: [mewanchuk1414@gmail.com](mailto:mewanchuk1414@gmail.com)

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### Environmental or Safety Concerns

(Report all incidents as required under section 75 of the Oil and Gas Drilling and Production Regulations)

Environmental or safety concerns?  Yes  No

If yes, provide details: [Click or tap here to enter text.](#)

## Inspection Results

### Site

Well site accessible for inspection and monitoring?  Yes  No

Equipment or debris on site?  Yes  No

Additional clean up required?  Yes  No

Provide details of all site accessibility concerns: Picked up debris (assorted metal)

Brush cleared 25 m around wellhead?  Yes  No

Wind indicator present and functional?  Yes  No

### Wellhead

Wellhead accessible for inspection and monitoring?  Yes  No

Valves chained and locked?  Yes  No

Valves operate freely?  Yes  No

Pressure test well head seal assembly?  Yes  No

*(If yes, provide details in comments section with supporting documentation)*

Surface casing vent open, operable and accessible in all seasons?  Yes  No

Pumpjack secure?  Yes  No  N/A

Visible marker or fence in place?  Yes  No  
4-digit Well ID, operator and contact information up to date?  Yes  No

Date of previous well head seal assembly pressure test: [Click or tap to enter a date.](#)

### Surface Casing Vent Flow (SCVF) / Gas Migration (GM) testing

Evidence of SCVF?  Yes  No

SCVF test conducted?  Yes  No  
*(If yes, provide details in comments section with supporting documentation)*

Signs of GM?  Yes  No

GM test conducted?  Yes  No  
*(If yes, provide details in comments section with supporting documentation)*

Gas samples taken?  Yes  No  
*(If yes, provide details in comments section identifying location and anticipated date of submission of analysis to OROGO)*

### Shut-in pressures

Production casing pressure (kPa):  
n/a

Intermediate casing pressure (kPa):  
n/a

Production tubing pressures (kPa):  
n/a

Any other readings taken:  
Well cut and capped

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## Comments

- Details of:  SCVF/ GM testing (*Include source: SCV, wellbore or soil vapour*)  
 Shut-in pressures (*Include equipment used, results, any changes from previous inspections and previous inspection dates*)  
 Seal assembly testing (*Include maximum pressure tested and duration of test*)  
 Other comments

Well was cut and capped in March 10, 2023. GM testing indicates no gas migration present. Calgary office will submit change of well status to complete the well abandonment.

Additional supporting documentation attached?  Yes  No

If yes, list attached documentation: Gas Migration Test, Pictures.

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I certify based on personal knowledge of well inspection operations undertaken at the above named well that the above information is accurate.

Responsible Officer:

Name: Duncan MacRae  
Title: Vice President  
Operator: Alvarez & Marsal Canada Inc., in its  
capacity as receiver of Strategic Oil & Gas's  
NWT Property

Date: 11/13/2023

Signature:



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## CAMERON L-47



Looking North at well centre



Looking East at well centre



Looking South at well centre



Looking West at well centre

## CAMERON L-47



Looking north at lease from helicopter



Looking east at lease from helicopter



Looking south at lease from helicopter



Looking west at lease from helicopter

## CAMERON L-47



Abandoned well sign



Bag of loose garbage that was picked up



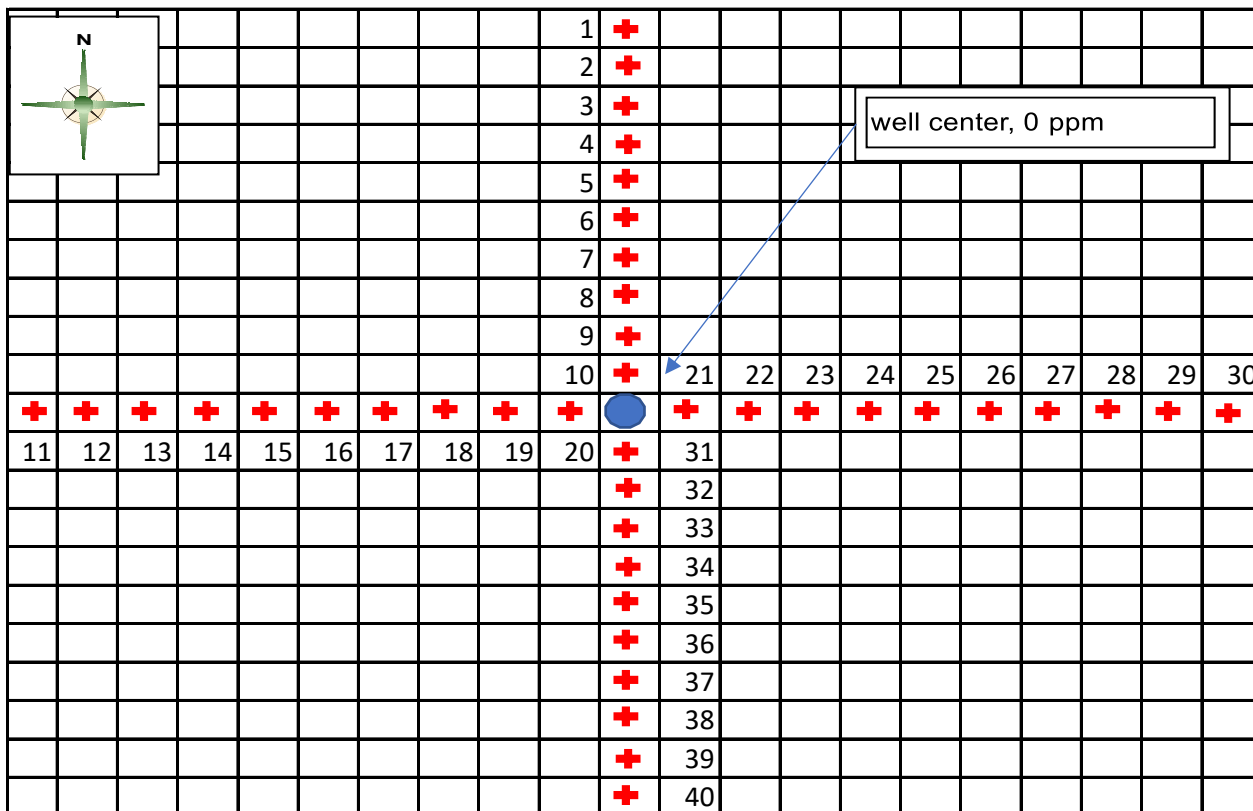
Second bag of loose garbage





# Gas Migration Test

Customer:	Strategic Oil and Gas Ltd. c/o Alvarez & Marsal Canada	Date:	11-Oct-23
Field :	Cameron Hills, NWT	Drawn By:	M. Ewanchuk
Well Name:	Strategic et al Cameron L-47	Spud Date:	
UWI:	300/L-47 60-10N 117-30W	License #	1736
Latitude:	60.1088000000000	Longitude:	-117.656500000000
Tested by:	M. Ewanchuk	Tested with:	Sensit PMD Gas detector



Test point	Reading ppm
1	0 ppm
2	0 ppm
3	0 ppm
4	0 ppm
5	0 ppm
6	0 ppm
7	0 ppm
8	0 ppm
9	0 ppm
10	0 ppm

Test point	Reading ppm
11	0 ppm
12	0 ppm
13	0 ppm
14	0 ppm
15	0 ppm
16	0 ppm
17	0 ppm
18	0 ppm
19	0 ppm
20	0 ppm

Test point	Reading ppm
21	0 ppm
22	0 ppm
23	0 ppm
24	0 ppm
25	0 ppm
26	0 ppm
27	0 ppm
28	0 ppm
29	0 ppm
30	0 ppm

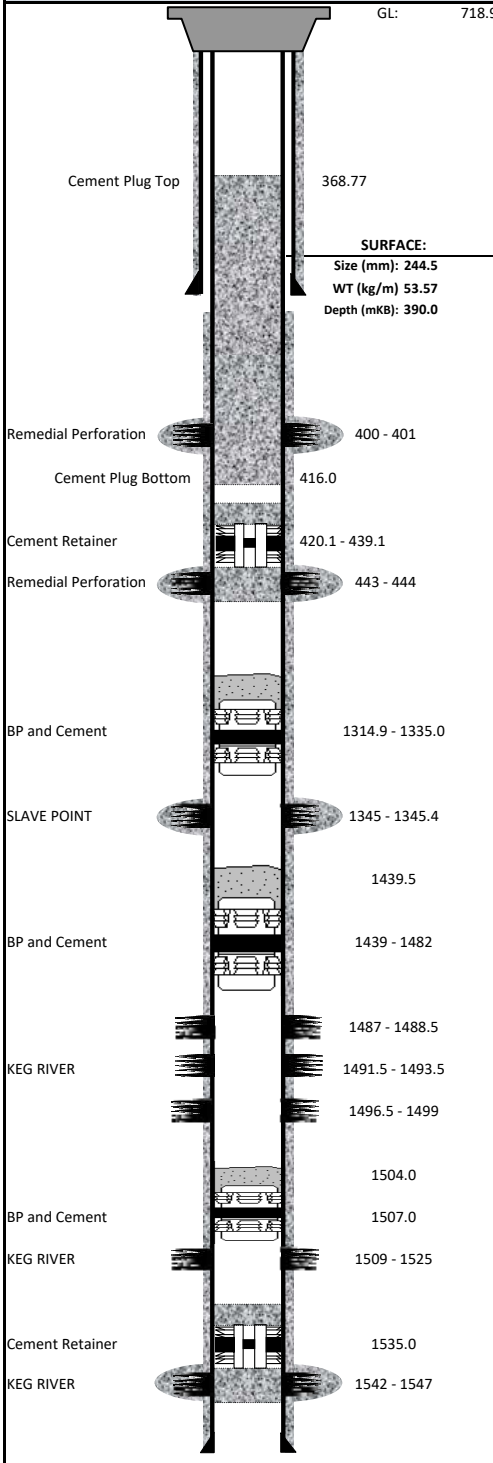
Test point	Reading ppm
31	0 ppm
32	0 ppm
33	0 ppm
34	0 ppm
35	0 ppm
36	0 ppm
37	0 ppm
38	0 ppm
39	0 ppm
40	0 ppm

**Comments:**

4 Controls were Completed 30m from well center and all of the readings had zero ppm. Hand augered on the lease and no frost was observed.



### FINAL WELL DIAGRAM



GENERAL DETAILS				REV #
WELL NAME:	Strategic et al Cameron L-47	FIELD:	Cameron Hills	1.0
UWI:	300/L-47 60-10N 117-30W	LICENSE:	1736	
SURFACE:		LATITUDE:	60°06'31"	LONGITUDE: -117°39'18"
COMPANY:	Strategic Oil And Gas Ltd	DRAWN BY:	C. Gagnon	DATE: 10 Nov 2023
DEVIATION:	Vertical	WELL STATUS:	Abandoned	

ELEVATIONS & DEPTHS							
KB (mKB)	GL (m)	KB-SCF (m)	KB-GR (m)	BGWP (mKB)	PBDT (mKB)	TD (mKB)	TVD (mKB)
723	718.9		4.10	600.00		1562	1562

CASING STRINGS							
STRING	SIZE (mm)	WEIGHT (kg/m)	GRADE	CPLG	DRIFT I.D. (mm)	SHOE DEPTH (mKB)	
Surface:	244.5	53.57	J-55			390	
Intermediate:							
Production:	139.7	20.83	J-55			1562.5	
Liner:							
Open Hole:							

CEMENTING				
STRING	DETAIL	Returns (m <sup>3</sup> )	Log Cmt Top (mKB)	Calc'd Top (mKB)
Surface:	31 T 0-1-0 G + 3% CaCl2	6 CRET		
Production:	12 T 0-1-0 G + 1% NFL1 + 0.1% SPC12000 41 T 0-1-8 + 0.5% T10	NONE		

COMPLETION DATA		
DESCRIPTION	DEPTH (mKB)	STATUS
Keg River	1542 - 1547	Abandoned
Cement Retainer w/ 3m hydromite	1535	
Keg River	1509.5 - 1525	Abandoned
Bridge Plug w/ 3m hydromite	1504 - 1507	
Keg River	1496.5 - 1499	Abandoned
Keg River	1491.5 - 1493.5	Abandoned
Keg River	1487 - 1488.5	Abandoned
PBP and 42m Cement	1439 - 1482	
Slave Point	1345 - 1345.4	Abandoned
PBP and 20.1m Cement	1314.9 - 1335.0	
Remedial Perforation	443 - 444	Cement Squeezed - 1.43 m3 into perfs
Cement Retainer w/ 16 m cement	420.1 - 439.1	
Remedial Perforation	400 - 401	Cement squeezed - 1.51 m3 into perfs
Cement Plug	368.77 - 416.0	Braidenhead squeeze

LANDOWNER	LANDOWNER #	OCCUPANT	OCCUPANT #

DIRECTIONS:	Sign Off

**REMARKS:**

Gas migration testing completed October 11, 2023. No gas migration present.

Holes where hand bored around lease, no frost was encountered.