

February 1, 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: Variation to Cameron A-05 (ACW-2023-SOG-A-05-WID0376)**

ELM Inc, acting on behalf of Alvarez & Marsal Canada Inc in their capacity as the receiver for Strategic Oil and Gas Ltd requests a variation to the previously approved abandonment program for Cameron A-05.

Currently the abandonment program includes steps to circulate a cement plug on top of the permanent bridge plug as part of the abandonment of the Keg River perforations. Circulating this plug in place will be difficult to carry out with the Slave Point perforations still open above them. Our experience so far with the Slave Point formation is that is under pressured and quite permeable, so while circulating some of the fluid will inevitably end up going into it. This makes placing the cement plug difficult as once the cement is loaded into the tubing, it will begin to “U Tube” where the increased hydrostatic pressure of the cement causes it to drop in the tubing until it re establishes an equilibrium with the fluid in the casing. After the cement has U tubed, there is no way to measure where it is, so calculating the amount of water to pump behind the cement to properly place the cement a guess at best.

ELM proposes to use a dump bailer sub to control the cement placement on the lower bridge plug. The bailer sub will keep the cement at the bottom of the tubing unit the bailer is opened by spudding it on the top of the permanent bridge plug. The cement will then U Tube out the bottom of the bailer and onto the permanent bridge plug. This variation procedure is consistent with the Variation Request No. 2 for ACW-2022-SOG-I-74-WID1792.

On the existing approved program ELM proposes the following changes.

17. Run in hole with dump bailer on tubing.
18. Mix 500 L of cement in barrel and pour into the tubing. Top up tubing with fresh water. Spud bailer on bridge plug and allow cement to settle out onto the bridge plug.
19. Slowly pull tubing and bailer assembly out of the cement plug. Pull tubing out of well and stand in derrick.

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