From: Corey Thomson
To: DST_JUS_OROGO; Mike Martin; Brandon Bradbury; Pauline DeJong
Cc: John Hawkins; Francis Yu; Dusty Schneider
Subject: Variance Request for ACW-2022-MGM-I-78-WID2078
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Importance: High

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Hello,

MGM Energy is seeking a Variance Request to its ACW-2022-MGM-I-78-WID2078. Specifically to Item 4 which was already exempt from Section 6A of the Well Suspension and Abandonment Guidelines and Interpretation Notes. Attempts were made to obtain feed rates into the formation with the equipment available on location to us up to 31MPa, surface treating pressure. With the existing column of fluid in the hole this equates to a bottom hole value of ~45Mpa – well in excess of the accepted frac gradient of 18.1kPa/m (~34MPa BHP) and at this pressure very little fluid was moved, 10LPM before lock-up. In consideration of the requirement, MGM Energy is seeking permission to run to bottom and lay a cement plug from ~1930mKB to +/-100m above liner top and perform a squeeze via this method (Braiden Head [SP?]), followed by backwashing the work string out of the hole. Volume would be based on (liner volume + annular volume) x 1.10% to account for any squeeze that might occur given the fluid pressure exerted down hole. Based on the above we feel this is a better method to ensure cement reaches the perforations than trying to squeeze through a retainer. With this accomplished MGM would then consider Term 4 completed accomplished.

Further to this, we are also seeking a variance request to cut the pipe out of the hole as opposed to removing the tie-back string at the liner top via the latch seal assembly as was outlined in the approved program. The operation on location has exhausted all pulling power (35kdAN) trying to separate the latch from packer assembly but to no avail. MGM is proposing the tieback string at ~1810mKB in the first full joint above the packer assembly which sits at 1819mKB.

Please let me know if you require any additional information to consider to approve this variance.

Corey Thomson, P. ENG
ARO & WORKOVERS
direct 403-261-1250 | *mobile +1(403)-835-4447* | *office 4666*
corey.thomson@paramountres.com

PARAMOUNT RESOURCES LTD
888 – 3rd Street SW, Suite 4700

Calgary, AB T2P 5C5
Canada