



John
McKenzie/Planning/COSLO
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To "Carol" <cmf@oasisassoc.com>
cc "Erin Newman" <enewman@excelaron.net>
bcc Melissa Guise/APCD/COSLO@Wings
Subject DOGGR letter

Carol,

Just received the attached letter from DOGGR. It raises important project description information/questions, such as on the hot water vs. steam injection approach to extract oil - please be prepared to explain how a thicker oil (when compared to PXP) can be extracted by a less effective means (hot water vs. steam). As you may know there is a substantial energy increase between hot water and steam, which currently is not being considered in the AQ model being revised (as well as more truck trips to provide the additional propane). Please also be prepared to explain why additional water injection wells will not be necessary, given the likelihood that the produced water could be around 90-93%, along with their lack of effectiveness when reinjected at the oil wellbore. Lastly, what information is available on H2S (at a minimum, we will need to include measures in the event that this becomes an issue)?

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