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Dear I

We have been in regular discussion with OGA during hydraulic fracturing operations which have been underway for a number of weeks. We have learned a lot about the reservoir; its response to hydraulic stimulation and low levels of subsurface micro-seismicity. This note is partly to inform you that a verification update is being drafted as per section 7.0 of the hydraulic fracture plan. There are a number of analyses to be finalised which will be used to validate or update the various technical assumptions within the HFP.

This note is also to inform you that all the data requested within the letter received from the OGA, "Re Data Request for OGA Studies – PEDL165", has been submitted to the OGA by Cuadrilla in full and on time. During this period, we have studied data, consulted with experts and intend to adjust operations accordingly, specifically with regard to the operational sequence as summarised in the "Summary of completion work and summary of HSE notification" letter. In this letter, Cuadrilla, detailed its plan to stimulate both of the PNR1z and PNR2 wells before subsequently flowing multiple stages within each well to flow back/clean up the well. This is detailed separately from the single-stage overnight flow back already described in the original letter.

In the light of actual operating experience, since the commencement of hydraulic fracturing operations, we now consider it more appropriate to flow back multiple stages of the well, PNR1z, and potentially the full well prior to moving onto hydraulically fracturing PNR2. We will continue to inform the OGA and the other regulators on a daily basis regarding the planned operations.

Yours sincerely

Cuadrilla Resources