

OGLA Technical Review Summary - Grand Mesa Operating Company

Dado 4-21 -- Form 4 Sundry to update Location Doc# 402692437

Location ID# 463810

Form 2 Doc# 402584145

Background

The Grand Mesa Operating Company (GMOC) Dado 4-21 is an unbuilt permitted Oil and Gas Location (Location) created by COGCC Form 2A, Document #401822590, approved on April, 5, 2019. A review of the location and well files indicates the well has not been drilled to date. GMOC is seeking a refile APD to drill the single well on the Location.

The Approved Form 2A was conditionally approved based on the permit request for the use of an unlined Drilling Pit and the potential for an encounter with shallow groundwater reported at an estimated 18 feet below ground surface. Conditions of Approval required the use of a liner for the Drilling Pit or an above ground tank in the event that groundwater is encountered during construction and the use of perimeter controls to protect the proximal surface water. The Operator is currently seeking a Variance from Rule 910.a for the use of an unlined Drilling Pit for this operation. A Condition of Approval has been placed on this Form 2 APD requiring the Drilling Pit to be lined in the event that the Variance Request is denied.

Unique Considerations and Applied BMPs

Sensitive Area: The Location is located within the Arikaree Designated Groundwater Management Area and Northern High Plains Basin and within an area of potential shallow groundwater. To minimize the potential for impacts to the underlying groundwater, the Operator included Best Management Practices (BMPs) for stormwater controls on the original Form 2A and has provided updated BMPs for groundwater protection and emissions via Form 4 Sundry. BMPs include the use of structural controls (perimeter berms and ditches) and a remote emissions monitoring system. Steel berms and lined containment will be used for the remote production facilities. In addition, GMOC field staff will conduct weekly inspections of the Location.