

**OGLA Technical Review Summary- Noble Energy Inc.**

**Y16-27 Pad - Form 2 Refile APDs**

**GIG-EM STATE Y9-719 Doc # 402992780**

**GIG-EM STATE Y9-730 Doc # 403008823**

**GIG-EM STATE Y9-740 Doc #403008862**

**GIG-EM STATE Y9-751 Doc # 403008939**

**Location ID# 451500**

Background

The Y16-27 Pad (ID 451500) was approved in July 2017. Construction began on the Location in August 2017, with four wells currently drilled. In May of 2022, Noble Energy Inc. (Noble) submitted refile APDs. Staff requested additional BMPs for the Location for which Noble submitted Sundry Doc # 403090739. The Location is permitted for 8 wells. Noble is seeking approval to drill wells in the remaining 4 well slots on this location.

Unique Considerations and Applied BMPs

*Noise, Odor, Light, Dust Mitigation:* There is a Residential Building Unit (RBU) located approximately 1,270 feet southeast of the working pad surface, with additional RBUs located further to the southeast outside of 2,000 feet. A review of existing BMPs on the Location led to staff requesting BMPs to control nuisance impacts (noise, light, odor, dust) to the nearby RBUs. Noble provided these BMPs with Form 4 Sundry Doc # 403090739. These BMPs were requested to bring noise, light, odor, and dust protections up to modern standards. Noble will be installing a 32 ft. tall soundwall on parts of the south and east sides of the location to reduce the impact to the nearby RBU. After review and revisions to these BMPs, they were deemed adequate.

*Groundwater Protection:* After review of the location, additional groundwater protections were requested. Noble supplied a set of BMPs on the Form 4 Sundry to improve groundwater protection. These BMPs included perimeter controls, fueling control BMPs, and the use of a poly liner under the drilling rig and associated tanks and equipment and the use of a liner under completions equipment. These BMPs were reviewed and deemed adequate.

The remaining BMPs on the Location were reviewed and deemed adequate.

Based on the review of this Location and its associated materials, the APD refiles comply with all COGCC Rules and is adequately protective of public health, safety, welfare, the environment, and wildlife resources.