

Objective Criteria Review Memo

Bison Oil & Gas II LLC, Big Mountain Viper 8-59 16, Form 2A Doc #402026015

This summary explains how COGCC staff conducted its technical review of the Bison Oil & Gas II LLC (Bison), Big Mountain Viper 8-659 16, Form 2A, Doc # 402026015 within the context of SB 19-181 and for the required Objective Criteria. This proposed Location is for 11 wells, 33 tanks, 11 separators, and meets the following Objective Criteria:

1. (Criteria #8) The proposed Location includes storage of hydrocarbon or produced liquid in more than eighteen tanks or in excess of 5,200 barrels.

COGCC staff met with the Director to discuss the Objective Criteria for the Form 2A with the proposed Best Management Practices (BMPs). The following sections provide details regarding the evaluation of each criterion.

Criteria #8: Oil and Gas Locations including storage of hydrocarbon or produced liquid in more than eighteen tanks or in excess of 5,200 barrels.

Site Specific Description of Applicability of Criteria 8: The proposed Location includes 33 storage tanks (22 oil tanks and 11 water tanks). The closest building unit to the proposed Location is greater than one mile and the location is not in a Sensitive Area for water resources.

Site Specific Measures to Address Criteria 8: Bison has placed BMPs on the Form 2A for mitigation of impacts related to location size. BMPs include secondary containment for tanks and containers, green completions with salable gas diverted to sales lines, dust mitigation, and coordination with local emergency responders.

Summary: Bison and staff discussed and added or modified BMPs that address impacts related to the number of storage tanks planned for this proposed Location. The BMPs include engineering controls (secondary containment) and administrative controls (coordination with local emergency responders).

Director Determination: Based on the Objective Criteria review. The Director has determined that this permit application meets the standard for protection of public health, safety, welfare, the environment and wildlife resources set by SB 19-181.