

# Noise and Light Mitigation Plans Lesser Impact Area Exemption Request

## Red Rocks Oil and Gas Development Plan Amendment 2

Red Rocks 1-09	Red Rocks 35-01
Red Rocks 1-15	Red Rocks 35-08A
	Red Rocks 35-10

The information below describes Lesser Impact Area Exemption Requests for Plans required under Rule 304.c for Desert Eagle Operating, LLC (DEO). DEO proposes to develop Oil and Gas Locations with one conventional vertical helium gas well at each location. Wells will be drilled with air using a water well-sized drill rig. There will be no drilling mud, hydraulic fracturing, stimulation, or flowback. Wells will be in the following locations:

Red Rocks 1-09	SE¼NE¼ Section 1, T30S R55W
Red Rocks 1-15	NW¼NE¼ Section 1, T30S R55W
Red Rocks 35-01	SE¼SE¼ Section 35, T29S R55W
Red Rocks 35-08A	NE¼SE¼ Section 35, T29S R55W
Red Rocks 35-10	SW¼NE¼ Section 35, T30S R55W

In accordance with Rule 304.d.(1) and Energy & Carbon Management Commission guidance (February 18, 2021), the exemption requests are based on findings that impacted resources are not present or that impacts will be so minimal as to pose no concern.

### (2) Noise Mitigation Plan

Requirement	Response
Exemption Requested	Rule 304.c.(2) Noise Mitigation Plan
Resource Concern	Noise impacts to people and wildlife
Exemption Circumstance	The resource concern is so minimal as to pose no concern
Description	<p>Mapping data and on-site review demonstrate that the nearest residential building unit is greater than 1 mile from any Red Rocks location.</p> <p>There is no mapped High Priority Habitat within 1 mile of the Working Pad Surfaces. The areas do not support habitat for species of concern. The areas are historically disturbed from ranching operations, dirt roads, and former and current oil and gas well development.</p> <p>Developing a single conventional vertical well at each location is expected to require 2 days for site preparation, 5 days for well drilling, 5 days for completion, and 10 days for interim reclamation.</p> <p>Noise impacts are expected to be so minimal as to pose no concern because of the distance to the nearest residential building unit; the lack of species of concern; the existing roads and human disturbance in the area; and the short drilling and completion durations.</p>

**(3) Light Mitigation Plan**

<b>Requirement</b>	<b>Response</b>
Exemption Requested	Rule 304.c.(3) Light Mitigation Plan
Resource Concern	Light impacts to people and wildlife
Exemption Circumstance	The resource concern is not present
Description	<p>Drilling and completion will occur during daylight hours. The location will not be lit during production.</p> <p>Mapping data and on-site review demonstrate that the nearest residential building unit is greater than 1 mile from any Red Rocks location.</p> <p>There is no mapped High Priority Habitat within 1 mile of the Working Pad Surfaces. The areas do not support habitat for species of concern. The areas are historically disturbed from ranching operations, dirt roads, and former and current oil and gas well development.</p> <p>Developing a single conventional vertical well at each location is expected to require 2 days for site preparation, 5 days for well drilling, 5 days for completion, and 10 days for interim reclamation.</p> <p>Light is not expected to be a resource concern because the locations will not be lit during well development or production.</p>