



CRESTONE PEAK
RESOURCES

Evaluating and Addressing Odor from Well Sites

Crestone Peak Resources strives to minimize the temporary impacts oil and gas operations have on neighboring communities. We take reports of impacts seriously and have taken an elective, two-pronged approach to evaluate odors.

Recent Mitigation Efforts

Odor Measurement and Analysis

What is Crestone Peak doing to address the odor reports?

Installed a **drilling mud chiller** at the Waste Connections well site.

Engaged Scentroid, a world leader in odor detection and mitigation, to **conduct on-site air sampling and analysis**.

How does it work?

As hot drilling fluid is piped from the well bore as part of the recirculating system, it's circulated through the 21-ton chilling device (picture: a giant air conditioner). Cooling the drilling fluid using this device reduces the possibility that detectable odors will be produced near the well site.

The Scentroid team will visit the Waste Connections pad and surrounding areas to collect data through several assessment technologies:

- Portable gas analyzers
- Passive samplers
- Thermal cameras
- Portable field olfactometers

When will this happen?

The drilling mud chiller was installed on Thursday, June 15, 2017, resulting in a reduction of odor reports filed directly with Crestone and the Colorado Oil and Gas Conservation Commission.

Data collection begins July 10, 2017 and will last three days.

What happens next?

After drilling is completed at the Waste Connections well site, the chiller will be moved to the Pratt well site.

Scentroid will provide any recommended mitigation strategies to improve operations at Waste Connections and in upcoming operations at the Pratt well site.