



**Crestone Peak Resources Operating LLC**

City of Aurora  
Attention: Jeffrey Moore  
15151 E. Alameda Parkway Aurora, CO 80012

RE: PHA-HAZOP for Multi-Well Pads with Individual Separation Aspen 3-65 15-14 South  
Wells: 8

ASPEN 3-65 15-14-13 3BH, 4AH, 4BH

QUICKSILVER 3-65 16-17-18-13 2BH, 3AH, 3BH, 4AH, 4BH

Development Case Number: DA-2394-00

To Whom it May Concern:

I attest as the Civitas Resources representative responsible for this project, that this well pad conforms to the Civitas Resources Standard Well Pad Design. A Process Hazard Analysis and Hazard Operability Study (PHA-HAZOP) was performed on this design and all recommendations thereof incorporated. Tim Miller, an independent contractor, is the certified PE for the PHA-HAZOP and his stamped certification is attached.

If factors specific to the Aspen 3-65 15-14 South location require minor adjustments to the PHA-HAZOP, the City will be notified of those adjustments as they are incorporated into the facility design.

Regards,

Russell Bradley  
Senior Facilities Engineer



City of Aurora  
Attention Jeffery Moore  
15151 E. Alameda Parkway Aurora, CO 80012

RE: PHA-HAZOP for Civitas Resources Standard Well Pad Design

Wells: Maximum of 18

Development Case Number: TBD

To whom it may concern:

I attest that a Process Hazard Analysis consisting of a Hazard and Operability Study (PHA-HAZOP) has been performed for the Warbler Well Pad. This analysis identified any potential hazards with the design and ranked them according to the Civitas Risk Ranking. Recommendations were provided as part of this study to improve the safety and operability of this facility. The responsibility of closing these recommendations fell to the project team for this project. Prior to start-up of the facility, all recommendations will be reviewed to ensure they have been properly addressed.

This well pad is the model for the Standard Well Pad Design that Civitas Resources uses as the starting point for all their other well pad designs. This letter only applies to the Standard Design that was presented as the Warbler Well Pad Design. Any modifications or changes to the Standard Design Package, will be addressed by an addendum letter provided by Civitas Resources.

For well site facilities to be used in the City of Aurora, Colorado, a PHA-HAZOP was facilitated by Alexander Davidson that included a multi-discipline team for the 'Standard Well Pad'. This was performed from November 14<sup>th</sup> – November 16<sup>th</sup>, 2023. While the facility being evaluated does not fall under Process Safety Management (PSM) pursuant to PSHA CFR 1910.119, the PHA-HAZOP Process is similar.

I am a Professional Engineer and received my Bachelor of Science in Chemical Engineering from Colorado State University in 2007. I can verify that a PHA-HAZOP was conducted by a qualified PHA Facilitator (Alex Davidson) employed by LDIS, LLC.

Regards,

A handwritten signature in blue ink, appearing to read 'Timothy Miller'.

Timothy Miller, PE  
Project Manager  
LDIS, LLC  
Colorado PE#46094

