



LARAMIE ENERGY, LLC
760 HORIZON Drive, SUITE 101
GRAND JUNCTION, CO 81506
970-263-3600

8/30/2018

Robert P. (Bob) Koehler, UIC Lead
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, Suite 8001
Denver, CO 80203

RE: Mechanical Integrity Test Pressure
Cascade Creek 604-12-13 Well,
05-045-13465
LOT 16, S12, T06S, R97W Garfield County, CO

Dear Mr. Koehler,

Laramie Energy, LLC intends to conduct a Mechanical Integrity Test (MIT) on the referenced well and would like to perform the testing in accordance with Rule 326 a.(1).C as per discussions on 8/15/2018 and 8/30/2018 between Bob Koehler of the COGCC and Dan Fouts of Laramie Energy.

Two cement squeezes were performed on the subject well following the initial completion in December 2005. In February and March of 2018, the well was recompleted and tested for water disposal. At that time, a third cement squeeze was performed to isolate zones above the target Ohio Creek sands. The two cement squeezes in the annulus and above the packer present a risk of failing the wellbore by performing an MIT to the target injection pressure of 2500 psi. Therefore, Laramie Energy proposes to perform the MIT to 1000 psi with the following additional protective measures:

- 1) Electronic Telemetry (SCADA) monitoring of the tubing pressure, casing pressure, and bradenhead pressure.
- 2) Emergency Shut-Down (ESD) to activate and halt injection if casing pressure reaches 200 psig. The 200 psig allows compensation due to varying fluid temperatures, tubing expansion, and intermittent use of the well.
- 3) Testing of the ESD to be performed during the annual COGCC well inspection.

Should the COGCC require additional information, please contact Dan Fouts in our office at 970-263-3625 or dfouts@laramie-energy.com.

Sincerely,

Wayne P. Bankert
Reg. & Env. Manager
wbankert@laramie-energy.com
970-812-5310