

**State of Colorado
Oil and Gas Conservation Commission**

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INJECTION WELL PERMIT APPLICATION

Submit a completed Form 33 with or after approval obtained on Form 31 (Underground Injection Formation Permit Application) or you must have a previously approved injection Well Permit.

- Operator may not commence injection into this well until this form is approved.
- Each individual injection well must be approved by this form.

Per Rule 325, this form shall be submitted with all required attachments.
A Form 33 – Intent shall be submitted and approved prior to completing an injection zone.
A Form 33 – Subsequent shall be submitted following completion of the well and must be approved prior to injection.
NOTE: Injection for Enhanced Recovery requires the field to be unitized according to the 400 Series Rules. Injection for Disposal into a producing field requires unitization of the formation in the field.

Form 33 Type Intent Subsequent

OPERATOR INFORMATION

OGCC Operator Number: <u>10433</u>	Contact Name and Telephone:
Name of Operator: <u>LARAMIE ENERGY LLC</u>	Name: <u>Dan Fouts</u>
Address: <u>1401 SEVENTEENTH STREET #1400</u>	Phone: <u>(970) 263-3625</u> Fax: <u>()</u>
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>	Email: <u>dfouts@laramie-energy.com</u>

WELL INFORMATION

Well Name and Number: CASCADE CREEK 604-12-13 API No: 05-045-13465-00
 Field Name and Number: GRAND VALLEY 31290 County: GARFIELD
 QtrQtr: LOT16 Sec: 4 Twp: 6S Range: 97W Meridian: 6

UIC FACILITY INFORMATION

UIC Facility ID: _____ (as assigned on an approved Form 31)
 Facility Name: _____ Facility Number: _____

WELLBORE INFORMATION

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
CONDUCTOR	20	16		0	85	100	85	0	VISU
SURF	14+3/4	9+5/8		0	2776	994	2776	0	
1ST	8+3/4	5+1/2		0	9298	1233	9298	7320	CBL

Plug Back Total Depth: 9252 Tubing Depth: _____ Packer Depth: _____

List below all Plugs, Bridge Plugs, Stage Cementing or Squeeze Work performed on this wellbore:

Squeeze #1 11/29/2005:
Squeeze perfs 7210 - 7212, TOC Squeeze #1 6864 - 7249 per CBL dated 12/6/2005

Squeeze #2 12/1/2005:
Squeeze perfs 5920 - 5922, TOC squeeze #2 5702 - 5932 per CBL dated 12/6/2005

Describe below any changes to the wellbore which will be made upon conversion (includes but not limited to changes of tubing and packer setting depths, any additional squeeze work for aquifer protection or casing leaks, setting of bridge plugs to isolate non-injection formations).

Abandon Williams Fork and Cameo Perforations
 1. Set BP @ 7100, 2. Place 50 linear feet Class G cement on CIBP, Cement Squeeze to Isolate Ohio Creek from Fort Union
 4. Perforate 4 x 1/2" holes @ 6180, 5. Set drillable cement retainer @ 6150 +/-, 6. Squeeze 1.0 or more bbls class G cement through perforations, 7. Drill out retainer and cement., 8. Run CBL to verify cement.
 9. Perforate the following intervals: 6702 - 6290. 10. Set packer @ 6250 +/- with memory pressure gauge in tubing tail.

WELLBORE COMPLETIONS

<u>Formation Name</u>	<u>Gross Completed Interval from Top</u>	<u>Gross Completed Interval from Bottom</u>	<u>Completion Type</u>
WILLIAMS FORK - CAMEO	7468	8929	Perforated

Operator Comments:

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: Joan Proulx

Signed: _____ Title: Regulatory Analyst Date: _____

OGCC Approved: _____ Title: _____ Date: 5/1/2018 7:07:59 AM

MAX. SURFACE INJECTION PRESSURE: _____ If Disposal Well, MAX. INJECTION VOL. LIMIT: _____

CONDITIONS OF APPROVAL, IF ANY:

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>

Total Attach: 0 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)