

State of Colorado
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109

FOR OGCC USE ONLY

Document Number:

401696112

Date Received:

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.

1. Operator may not commence injection into this well until this form is approved.
2. 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: 10433

Name of Operator: LARAMIE ENERGY LLC

Address: 1401 SEVENTEENTH STREET #1400

City: DENVER State: CO Zip: 80202

Contact Name and Telephone:

Name: Dan Fouts

Phone: (970) 852-1170 Fax: ()

Email: dfouts@laramie-energy.com

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: LOT 16 Sec: 4 Twp: 6S Range: 97W Meridian: 6

UIC FACILITY INFORMATION

UIC Facility ID: 160016 (as assigned on an approved Form 31)

Facility Name: Cascade Creek

Facility Number: 604-12-13 SWD

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	65	0	85	100	85	0	
SURF	14+3/4	9+5/8	36	0	2776	994	2776	0	
1ST	8+3/4	5+1/2	17	0	9298	1233	9298	7320	CBL
S.C. 1.1	8+3/4	5+1/2	17	0	7100	146	7250	6850	CBL
S.C. 1.2	8+3/4	5+1/2	17	0	5803	97	5930	5750	CBL

Plug Back Total Depth: 9252

Tubing Depth: 6188

Packer Depth: 6177

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

Squeeze #1: 11/2005 7210' - 7212', 146 sacks

Squeeze #2: 12/2005 5920' - 5922', 97 sacks

CIBP #1 set at 7100'

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).

Squeeze #3: 3/2018 6140' - 6220'

CIBP #2 set at 6972' with TOC at 6915'

Injection perms 6284' - 6702'

WELLBORE COMPLETIONS

Formation Name	Gross Completed Interval from Top	Gross Completed Interval from Bottom	Completion Type
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: 7/9/2018 8:34:41 AM

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

CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

--	--

Attachment Check List

Att Doc Num Name

401700568	WELLBORE DIAGRAM-CURRENT
401711897	OTHER
401711898	OTHER

Total Attach: 3 Files

General Comments

User Group Comment Comment Date

		Stamp Upon Approval
--	--	---------------------

Total: 0 comment(s)