

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:

401625426

Date Received:

UNDERGROUND INJECTION FORMATION PERMIT APPLICATION

Per Rule 325, this form shall be submitted with all required attachments.

A Form 31 – Intent shall be submitted and approved prior to completing an injection zone.

A Form 31 – Subsequent shall be submitted following collection of water samples and injectivity test (if performed) and must be approved prior to injection in any new injection facility.

NOTE: Per Rule 324B, an aquifer exemption is required for any injection formation with water quality less than 10,000 mg/L total dissolved solids (TDS). Contact the Commission for further requirements if the TDS as determined by water analysis for the injection zone is less than 10,000 mg/L.

Form 31 Type

☒ Intent☐ Subsequent

UIC Facility ID

0

UIC Facility ID Required for Subsequent
Form 31

UIC FACILITY INFORMATION

Facility Name and Number: SB LACY

11Y

County: RIO BLANCO

Facility Location: SESE / 23 / 2N / 103W / 6

Field Name and Number:

RANGELY

72370

Facility Type: ☐ Enhanced Recovery☒ Disposal☐ Simultaneous Disposal

Single or Multiple Well Facility?

☒ Single☐ Multiple

Proposed Injection Program (Required):

RELIEF WELL FOR THE RANGELY WEBER SAND UNIT. THIS WELL WILL INJECT PRODUCED WATER INTO THE NAVAJO FORMATION.

OPERATOR INFORMATION

OGCC Operator Number: 16700

Name of Operator: CHEVRON USA INC

Address: 100 CHEVRON ROAD

City: RANGELY

State: CO

Zip: 81648

Contact Name and Telephone:

Name: EMILY PUGH

Phone: (432) 687-7366

Fax: (970) 675-3800

Email: Emily.Pugh@chevron.com

INJECTED FLUID TYPE

All injected fluids must be Exempt E&P waste per RCRA Subpart C.

(Check all that apply.)

☒ Produced Water☐ Natural Gas☐ CO2☐ Drilling Fluids☐ Exempt Gas Plant Waste☐ Used Workover Fluids☐ Flowback Fluids☐ Other Fluids (describe):

Commercial Disposal Facility

☐ Yes☒ No

Commercial UIC Bond Surety ID:

Commercial Facility Description: Describe the physical region of the facility, the details of the operations, and the type of fluids to be injected.

PROPOSED INJECTION FORMATIONS

FORMATION (Name): NAVAJO Porosity: 25 %
Formation TDS: 15600 mg/L Frac Gradient: 0.95 psi/ft Permeability: 50 mD
Proposed Stimulation Program: ☐ Acid ☐ Frac Treatment ☐ None

ANTICIPATED FACILITY OPERATIONS CONDITIONS

Under normal operating conditions, estimated TOTAL fluid injection rates and pressures for this facility:

FOR WATER: Daily Injection Rate Range From 0 to 15000 bbls/day
Surface Injection Pressure Range From 1600 to 1900 psi
FOR GAS: Daily Injection Rate Range From _____ to _____ mcf/day
Surface Injection Pressure Range From _____ to _____ psi

Estimated Initial Injection Date: 11/1/2018

AREA OF REVIEW OIL and GAS WELL EVALUATION SUMMARY

Review all existing wells within 1/2 mile for injection formation isolation.

Area Review Date: 5/15/2018

Total number of Oil & Gas Wells within Area of Review: 14

ABANDONED WELLS (All wells that have been plugged: PA and DA status))

Total within Area of Review	<u>4</u>
Number To Be Re-Plugged	<u>0</u>

ACTIVE WELLS (All wells that have not been plugged: AC, DG, DM, IJ, PR, SU, SI, TA, WO, XX, UN status)

Total within Area of Review	<u>10</u>
Number Requiring Casing Repair	<u>0</u>
Number To Be Plugged	<u>0</u>

Operator's Area of Review Contact Email: EMILY.PUGH@CHEVRON.COM

☐ No Wells within 2,640'

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

Print Name: DIANE PETERSON Signed: _____

Title: PERMIT SPECIALIST Date: _____

COGCC Approved: _____ Date: _____

Form 31 - Intent Expiration Date: _____

Per Rule 325.o, a 90 day extension of the Expiration Date may be requested via a Sundry Notice, Form 4 submitted prior to Form 31- Intent expiration

Order Number: _____ UIC FACILITY ID: 0

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description	
<u>Attachment Check List</u>		
<u>Att Doc Num</u>	<u>Name</u>	
401625460	WELLBORE DIAGRAM-CURRENT	
401625461	WELLBORE DIAGRAM-PROPOSED	
401625463	OTHER	
401638478	OFFSET WELL EVALUATION	
401638736	SURFACE FACILITY DIAGRAM	
401642463	MAP OF O&G WELLS IN AREA OF REVIEW	
401642471	MAP OF O&G WELLS IN AREA OF REVIEW	
401642511	CERTIFIED MAIL RECEIPT(S)	
401642515	SURFACE USE AGREEMENT FOR SALT WATER DISPOSAL	
401664879	LIST OF SURFACE OWNERS ¼-MILE	
401664882	MAP OF MINERAL OWNERS ¼-MILE	
401664898	UNIT AREA PLAT	
Total Attach: 12 Files		
<u>General Comments</u>		
<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval
Total: 0 comment(s)		