

State of Colorado  
Oil and Gas Conservation Commission1120 Lincoln Street, Suite 801, Denver, Colorado 80203  
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FOR OGCC USE ONLY

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## 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: UNION PACIFIC 113X22

County: RIO BLANCO

Facility Location: SWNW / 22 / 2N / 102W / 6

Field Name and Number: RANGELY 72370

Facility Type: ☐ Enhanced Recovery☒ Disposal☐ Simultaneous DisposalSingle 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: 6301 DEAUVILLE BLVD

City: MIDLAND

State: TX

Zip: 79706

Contact Name and Telephone:

Name: EMILY PUGH

Phone: (432) 687-7635

Fax: (970) 675-3800

Email: Emily.Pugh@chevron.com

## INJECTED FLUID TYPE

All injected fluids must be Exempt E&amp;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: 3/1/2019

### AREA OF REVIEW OIL and GAS WELL EVALUATION SUMMARY

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

Area Review Date: \_\_\_\_\_

Total number of Oil & Gas Wells within Area of Review: 10

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

Total within Area of Review	<u>2</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>8</u>
Number Requiring Casing Repair	<u>0</u>
Number To Be Plugged	<u>0</u>

Operator's Area of Review Contact Email: KSchilling@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

  

**Attachment Check List**

Att Doc Num	Name
401839613	WELLBORE DIAGRAM-CURRENT
401839614	WELLBORE DIAGRAM-PROPOSED
401839615	OTHER
401856307	LIST OF SURFACE OWNERS ¼-MILE
401856315	MAP OF MINERAL OWNERS ¼-MILE
401856333	NOTICE TO SURFACE & MINERAL OWNERS
401856336	SURFACE USE AGREEMENT FOR SALT WATER DISPOSAL
401856343	CERTIFIED MAIL RECEIPT(S)
401856394	OFFSET WELL EVALUATION
401856437	UNIT AREA PLAT
401856447	MAP OF SURFACE OWNERS ¼-MILE
401856458	SURFACE FACILITY DIAGRAM

Total Attach: 12 Files

**General Comments**

User Group	Comment	Comment Date
		Stamp Upon Approval

Total: 0 comment(s)