

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:

401019094

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: Federal 5-35 County: MOFFAT

Facility Location: NWSE / 35 / 9N / 91W / 6 Field Name and Number: BLUE GRAVEL 6970

Facility Type: ☐ Enhanced Recovery ☒ Disposal ☐ Simultaneous DisposalSingle or Multiple Well Facility? ☒ Single ☐ Multiple

Proposed Injection Program (Required):

Mustang Resources (Mustang) currently operates the Federal 1-35 SWD for produced water disposal in the Blue Gravel (BG) Field. Mustang is requesting increased disposal capacity through conversion of the Federal 5-35 to a secondary SWD location. Source water from Mustang's operations in the BG Field is currently gathered into five-400 BBL tanks located adjacent to the Federal 1-35. Water is pumped from the tanks to water hauling trucks or through an underground pipeline to the Federal 1-35 SWD. Mustang proposes to add approximately 290' of additional 2" buried flow line from the Federal 1-35 to the Federal 5-35. No additional surface facilities are proposed. Increased capacity will allow Mustang to include additional BG Field source wells in the UIC disposal program and reduce truck traffic.

## OPERATOR INFORMATION

OGCC Operator Number: 10550

Name of Operator: MUSTANG RESOURCES LLC

Address: 1660 LINCOLN STREET SUITE 1450

City: DENVER State: CO Zip: 80264

Contact Name and Telephone:

Name: Deb Lemon

Phone: (720) 550-7507 Fax: ( )

Email: dlemon@mustangresourcesllc.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): LEWIS Porosity: 11 %  
Formation TDS: 14191 mg/L Frac Gradient: 0.6 psi/ft Permeability: 0 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 20 to 100 bbls/day  
Surface Injection Pressure Range From 650 to 650 psi  
FOR GAS: Daily Injection Rate Range From to mcf/day  
Surface Injection Pressure Range From to psi

Estimated Initial Injection Date: 7/1/2016

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

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

Area Review Date: 4/1/2016

Total number of Oil & Gas Wells within Area of Review: 6

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

Total within Area of Review	1
Number To Be Re-Plugged	0

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	1
Number Requiring Casing Repair	0
Number To Be Plugged	0

Operator's Area of Review Contact Email: dlemon@mustangresourcesllc.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: Deb Lemon Signed: \_\_\_\_\_

Title: Regulatory Analyst 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	
<b><u>Attachment Check List</u></b>		
<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>	
401031439	SURFACE USE AGREEMENT FOR SALT WATER DISPOSAL	
401031445	CERTIFIED MAIL RECEIPT(S)	
401031447	WELLBORE DIAGRAM-CURRENT	
401031448	OIL & GAS WELL PLAT	
401031451	WELLBORE DIAGRAM-PROPOSED	
401031452	ANALYSIS OF INJECTION ZONE WATER	
401043720	AREA OF REVIEW-COGCC EVALUATION	
401043721	LIST OF WATER WELLS ¼-MILE	
401043724	CORRESPONDENCE	
Total Attach: 9 Files		
<b><u>General Comments</u></b>		
<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Total: 0 comment(s)		