

State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203
Phone: (303) 894-2100 Fax: (303) 894-2109



FOR OGCC USE ONLY

Document Number:

401662714

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: 10373	Contact Name and Telephone:
Name of Operator: NGL WATER SOLUTIONS DJ LLC	Name: JOE VARGO
Address: 3773 CHERRY CRK NORTH DR #1000	Phone: (303) 815-1010 Fax: ()
City: DENVER State: CO Zip: 80209	Email: Joseph.Vargo@nglpe.com

WELL INFORMATION

Well Name and Number: SOUTH WELD SWD 4 API No: 05- - -00
 Field Name and Number: WATTENBERG 90750 County: WELD
 QtrQtr: NWNE Sec: 30 Twp: 1N Range: 66W 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	26	16	42	0	80	400	80	0	VISU
SURF	14+3/4	10+3/4	40.5	0	1164	498	1164	0	VISU
1ST	9+7/8	7+5/8	29.7	0	9932	223	9932	8453	CALC
1ST LINER	6+5/8	5+1/2	11.6	9882	11994				
	9+7/8	7+5/8	Stage Tool		8453	1136	8453	0	CBL

Plug Back Total Depth: Tubing Depth: 9817 Packer Depth: 9817

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

A DV Tool will be set @ 8453' and cemented with 964 sx lead & 172 sx tail, TOTAL of 1136 sx.
 EOT & Packer Planned at 9,832', PBR & TOL Planned at 9,882', with NO External Casing Packers.

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).

WELLBORE COMPLETIONS

Formation Name	Gross Completed Interval from Top	Gross Completed Interval from Bottom	Completion Type
ADMIRE	10663	10698	Open Hole
AMAZON	10390	10442	Open Hole

COUNCIL GROVE	10442	10663	Open Hole
FOUNTAIN	11227	11994	Open Hole
LOWER SATANKA	10273	10336	Open Hole
LYONS	9932	10273	Open Hole
MISSOURI	10897	11227	Open Hole
VIRGIL	10698	10897	Open Hole
WOLFCAMP	10336	10390	Open Hole

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: PAUL GOTTLÖB

Signed: _____ Title: Regulatory & Engin. Tech. Date: _____

OGCC Approved: _____ Title: _____ Date: 6/5/2018 8:19:36 AM

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

CONDITIONS OF APPROVAL, IF ANY:

COA Type Description

--	--

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
401725702	OTHER
401725716	OTHER
401725733	OTHER
401754387	WELLBORE DIAGRAM-PROPOSED
401754389	OTHER
401754390	OTHER
401754393	OTHER
401754470	OTHER
401754487	OTHER
401754490	OTHER
401754494	OTHER
401754499	OTHER
401754504	OTHER
401754545	OTHER
401754561	OTHER

Total Attach: 15 Files

General Comments

User Group Comment Comment Date

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

Total: 0 comment(s)