

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:

2493667

Date Received:

11/06/2014

## INJECTION WELL PERMIT APPLICATION

Submit a completed Form 33 with or after approval obtained on Form 31 (Underground Injection 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.

## OPERATOR INFO

OGCC Operator Number: 10373	Contact Name and Telephone:
Name of Operator: NGL WATER SOLUTIONS DJ LLC	Name: Paul Gottlob
Address: 3773 CHERRY CRK NORTH DR #1000	Phone: (720) -420-5747 Fax: ( )
City: DENVER State: CO Zip: 80209	Email: paul.gottlob@iptenergyservices.com

Well Name and Number: NGL C10	API No: 05-123-40772-00
UIC Facility No: 159972 (as assigned on an approved Form 31)	
Facility Name: C10	Operator Name: NGL WATER SOLUTIONS DJ LLC
Field Name and Number: WATTENBERG 90750	County:
QtrQtr: SWSE	Sec: 35
Twp: 7N	Range: 65W
	Meridian: 6

## CURRENT WELLBORE INFORMATION

Casing Type	Size of Hole	Size of Casing	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	9+5/8	36	0	630	175	630	0	VISU
1ST	8+3/8	7	26	0	8902	156	8902	7435	CBL
1ST LINER	6+1/8	4+1/2	11.6	8787	10489				

Current Work Date: \_\_\_\_\_

Method used	String	Cementing tool setting/perf depth	Cement volume	Cement top	Cement bottom
DV TOOL	1ST	7,435	720	530	7,435
DV TOOL	1ST	7,435	720	530	7,435
DV TOOL	1ST	7,435	720	530	7,435
DV TOOL	1ST	7,435	720	530	7,435
DV TOOL	1ST	7,435	720	530	7,435
DV TOOL	1ST	7,435	720	530	7,435

Plug Back Total Depth: 10482      Tubing Depth: 8740      Packer Depth: 8740

Formation Gross Perforation Interval: \_\_\_\_\_ to \_\_\_\_\_

Formation Gross Perforation Interval: \_\_\_\_\_ to \_\_\_\_\_

DJINJ Formation Open Hole Interval(if any): 8926 to 10489

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

A DV Tool was set @ 7435' and cemented with 720 sx Total (600 sx lead & 120 sx tail) and TOC @ 530' per CBL. EOT & Casing Packer at 8740', and External Casing Packers at 8626', 9300', 9576', & 9894'.

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).

**Operator Comments:**

The NGL-C10-UIC well has been drilled.

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

Print Name: Paul Gottlob

Signed: \_\_\_\_\_ Title: Reg & Eng Technician Date: 11/6/2014 12:00:00 AM

OGCC Approved:  Title: \_\_\_\_\_ Date: 6/19/2015 9:10:35 AM

MAX. SURFACE INJECTION PRESSURE: 2350

If Disposal Well, MAX. INJECTION VOL. LIMIT: 38963159

**CONDITIONS OF APPROVAL, IF ANY:****COA Type****Description**

	A water analysis to include TDS, major cations, and major anions is required 1- year after initial injection and from then on at 5-year intervals. Water analyses should be submitted via Sundry Notice and in Electronic Data Deliverable (EDD) Format.
	Operator is required to install a seismometer at a location to be determined by the operator and COGCC from which seismic activity in the vicinity of the injection well can be monitored. The operator will be responsible for maintenance of the seismometer. Data gathered by the seismometer will be made available to one or more third parties (such as the USGS, CU-Boulder, CSM, or CSU) for analysis.
	Initial maximum daily injection rate limited to 10,000 bbl/day. Operator must request increase above that. Request will be evaluated based on existing daily injection rate and seismic activity within 2.5 miles of the injection well.
	Where two or more injection wells are planned in close proximity the ¼-mile circles used for Maximum Injection Volume calculation may not overlap or intersect. In cases where ¼-mile circles would overlap the radius of calculation for the volume will be ½ the distance between the two wells.

**Attachment Check List****Att Doc Num****Name**

2092605	WELLBORE DIAGRAM-PROPOSED
2493667	FORM 33 SUBMITTED
2618542	WELLBORE DIAGRAM-CURRENT

Total Attach: 3 Files

**General Comments****User Group****Comment****Comment Date**

--	--	--

Total: 0 comment(s)