

State of Colorado
Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

Document Number:

2091748

Date Received:

09/12/2014

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: <u>10373</u> | Contact Name and Telephone: |
| Name of Operator: <u>NGL WATER SOLUTIONS DJ LLC</u> | Name: <u>PAUL GOTTLÖB</u> |
| Address: <u>3773 CHERRY CRK NORTH DR #1000</u> | Phone: <u>(970) 420-5747</u> Fax: <u>(720) 420-5800</u> |
| City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80209</u> | Email: <u>PAUL.GOTTLÖB@IPTENERGYSERVICES.COM</u> |

| | | | | | |
|---|---------------|----------------|--|--------------------------------|--|
| Well Name and Number: <u>NGL</u> | | <u>C1C</u> | | API No: <u>05-123-40377-00</u> | |
| UIC Facility No: <u>159957</u> (as assigned on an approved Form 31) | | | | | |
| Facility Name: _____ | | | Operator Name: <u>NGL WATER SOLUTIONS DJ LLC</u> | | |
| Field Name and Number: <u>WATTENBERG</u> | | <u>90750</u> | | County: <u>WELD</u> | |
| QtrQtr: <u>SESE</u> | Sec: <u>8</u> | Twp: <u>4N</u> | Range: <u>64W</u> | Meridian: <u>6</u> | |

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 | 9.625 | 36 | 0 | 704 | 195 | 195 | 0 | VISU |
| 1ST | 8+3/4 | 7 | 26 | 0 | 9035 | 200 | 9035 | 7487 | CBL |
| 1ST LINER | 6+1/8 | 4+1/2 | 11.6 | 8904 | 10737 | | | | |

Current Work Date:

[illegible]

Plug Back Total Depth: 10716 Tubing Depth: 8870 Packer Depth: 8870

Formation Gross Perforation Interval: to

Formation Gross Perforation Interval: to

DJINJ Formation Open Hole Interval(if any): 9035 to 10716

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

1. A DV Tool is set @ 7,487' and cemented with 780 sacks.
2. Casing Packer at 8,949', and External Casing Packers at 9,169', 9,393', 9,700', 10,005', & 10,227'.
3. The DJINJ Formation Open Hole Interval listed above: 9035' is the setting depth of the Interm. (1st String to COGCC) Casing String and the PBDT of 10,716' as bottom.

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).

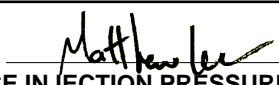
Operator Comments:

THE NGL C1C INJECTION 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 & ENGINEERING
TECH Date: 9/12/2014 12:00:00 AM

OGCC Approved:  Title: _____ Date: 3/25/2015 8:18:32 AM
MAX. SURFACE INJECTION PRESSURE: 2350 If Disposal Well, MAX. INJECTION VOL. LIMIT: 28329925

CONDITIONS OF APPROVAL, IF ANY:

| COA Type | Description |
|----------|--|
| | Operator to submit Sundry Notice notifying COGCC of initial injection date within 30 days of first injection. |
| | After 1-year submit analysis of injected water, analyze for TDS, major cations, and major anions. Submit analyses via sundry notice and EDD. Repeat at 5-year intervals after that. |
| | Initial daily injection rate restricted to 10,000 bbl/day. If operator wishes to increase daily rate above 10,000 bbl/day, they must request increase from COGCC via Sundry Notice. |
| | Operator required to install seismometer at a location to be determined by NGL and COGCC from which seismic activity in the vicinity of the NGL #C1C injection well can be monitored. NGL 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. |

Attachment Check List

| Att Doc Num | Name |
|-------------|---------------------------------|
| 2091746 | WELLBORE DIAGRAM- PROPOSED |
| 2091748 | FORM 33 SUBMITTED |
| 2618349 | WELLBORE DIAGRAM-CURRENT |
| 2618360 | FORM 33 SUBMITTED-FINAL VERSION |

Total Attach: 4 Files

General Comments

| User Group | Comment | Comment Date |
|------------|---------|--------------|
| | | |

Total: 0 comment(s)