

FORM
5Rev
09/14

State of Colorado

Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

401985367

Date Received:

DRILLING COMPLETION REPORT

This form is to be submitted within 30 days of the setting of production casing, the plugging of a dry hole, the deepening or sidetracking of a well, or any time the wellbore configuration is changed. If the well is deepened or sidetracked a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report.) If the well has been plugged, a form 6 (Well Abandonment Report) is required.

Completion Type ☒ Final completion ☐ Preliminary completion

OGCC Operator Number: 10373

Contact Name: JOE VARGO

Name of Operator: NGL WATER SOLUTIONS DJ LLC

Phone: (303) 815-1010

Address: 3773 CHERRY CRK NORTH DR #1000

Fax:

City: DENVER

State: CO

Zip: 80209

API Number 05-123-47682-00

County: WELD

Well Name: SOUTH WELD SWD

Well Number: 1

Location: QtrQtr: SWNE Section: 30 Township: 1N Range: 66W Meridian: 6

Footage at surface: Distance: 1615 feet Direction: FNL Distance: 1713 feet Direction: FEL

As Drilled Latitude: 40.025055 As Drilled Longitude: -104.816566

GPS Data:

Date of Measurement: 05/06/2019 PDOP Reading: 1.9 GPS Instrument Operator's Name: Casey Kohout

** If directional footage at Top of Prod. Zone Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

** If directional footage at Bottom Hole Dist.: feet. Direction: Dist.: feet. Direction:

Sec: Twp: Rng:

Field Name: WATTENBERG

Field Number: 90750

Federal, Indian or State Lease Number:

Spud Date: (when the 1st bit hit the dirt) 01/26/2019 Date TD: 02/13/2019 Date Casing Set or D&A: 02/18/2019

Rig Release Date: 03/20/2019 Per Rule 308A.b.

Well Classification:

☐ Dry ☐ Oil ☐ Gas/Coalbed ☒ Disposal ☐ Stratigraphic ☐ Enhanced Recovery ☐ Storage ☐ Observation

Total Depth MD 11040 TVD** Plug Back Total Depth MD 11019 TVD**

Elevations GR 4952 KB 4977 Digital Copies of ALL Logs must be Attached per Rule 308A ☒

List Electric Logs Run:

CBL, MUD, POR, RES, TRIPLE COMBO

CASING, LINER AND CEMENT

| Casing Type | Size of Hole | Size of Casing | Wt/Ft | Csg/Liner Top | Setting Depth | Sacks Cmt | Cmt Top | Cmt Bot | Status |
|-------------|--------------|----------------|-------|---------------|---------------|-----------|---------|---------|--------|
| CONDUCTOR | 26 | 16 | 42 | 0 | 80 | 160 | 0 | 80 | VISU |
| SURF | 13+1/2 | 10+3/4 | 40.5 | 0 | 1,214 | 325 | 0 | 1,214 | VISU |
| 1ST | 9+7/8 | 7+5/8 | 29.7 | 0 | 9,164 | 220 | 7,867 | 9,164 | CBL |
| 1ST LINER | 6+3/4 | 5+1/2 | 17 | 9117 | 11,019 | | | | |

STAGE/TOP OUT/REMEDIAL CEMENT

Cement work date: 02/04/2019

| Method used | String | Cementing tool setting/perf depth | Cement volume | Cement top | Cement bottom |
|-------------|--------|-----------------------------------|---------------|------------|---------------|
| DV TOOL | 1ST | 7,867 | 1,030 | 0 | 7,867 |

Details of work:

2nd Stage Lead: From Surface to 6690', cemented with 890 sks, Volume 337.6 bbls; Cement & Additives: 100% CJ922+.3%CJ704+.2%CJ240+2%CJ042+10pps CJ611C+.4%CJ511+.6%CJ210K+.25pps CJ600; Density 12.5ppg; Yield 2.13ft³/sk; Water Req. 11.04.
2nd Stage Tail: From 6690' to 7867', cemented with 140 sks, Volume 44.9 bbls; Cement & Additives: 65%CJ914+35%CJ010-74+.4%CJ704+.3%CJ415+25%CJ766+.6%CJ548+.25PPSCJ600; Density 13.5ppg; Yield 1.80ft³/sk; Water Req. 8.73.

FORMATION LOG INTERVALS AND TEST ZONES

| FORMATION NAME | Measured Depth | | Check if applies | | COMMENTS (All DST and Core Analysis must be submitted to COGCC) |
|----------------|----------------|--------|------------------|-------|-----------------------------------------------------------------|
| | Top | Bottom | DST | Cored | |
| SHANNON | 5,610 | | NO | NO | |
| NIOBRARA | 7,198 | | NO | NO | |
| FORT HAYS | 7,565 | | NO | NO | |
| CODELL | 7,587 | | NO | NO | |
| CARLILE | 7,595 | | NO | NO | |
| X BENTONITE | 7,859 | | NO | NO | |
| J SAND | 8,030 | | NO | NO | |
| SKULL CREEK | 8,155 | | NO | NO | |
| DAKOTA | 8,193 | | NO | NO | |
| MORRISON | 8,320 | | NO | NO | |
| ENTRADA | 8,550 | | NO | NO | |
| LYKINS | 8,610 | | NO | NO | |
| PERMIAN | 8,860 | | NO | NO | |
| FORELLE | 8,939 | | NO | NO | |
| MINNEKAHTA | 8,999 | | NO | NO | |
| BLAINE | 9,104 | | NO | NO | |
| LYONS | 9,166 | | NO | NO | |
| LOWER SATANKA | 9,290 | | NO | NO | |
| FOUNTAIN | 9,525 | | NO | NO | |
| ATOKA | 10,966 | | NO | NO | |

Comment:

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

Signed: _____

Print Name: PAUL GOTTLÖB

Title: Regulatory & Engin. Tech. Date: _____ Email: paul.gottlob@iptenergyservices.com

Attachment Check List

| Att Doc Num | Document Name | attached ? | |
|-----------------------------|------------------------|-----------------------------------------|----------------------------------------|
| <u>Attachment Checklist</u> | | | |
| 402002319 | CMT Summary * | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Core Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Directional Survey ** | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | DST Analysis | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| | Logs | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| | Other | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| <u>Other Attachments</u> | | | |
| 402002379 | PDF-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002395 | PDF-RESISTIVITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002396 | PDF-POROSITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002405 | PDF-TRIPLE COMBINATION | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002410 | PDF-TRIPLE COMBINATION | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002412 | PDF-POROSITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002415 | PDF-RESISTIVITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002442 | LAS-TRIPLE COMBINATION | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002443 | LAS-TRIPLE COMBINATION | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002448 | LAS-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002449 | PDF-MUD | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402002603 | LAS-CEMENT BOND | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 402013204 | LAS-POROSITY | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

General Comments

| <u>User Group</u> | <u>Comment</u> | <u>Comment Date</u> |
|-------------------|----------------|---------------------|
| | | Stamp Upon Approval |

Total: 0 comment(s)

