FORM 6 Rev 12/05

# 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 |
|---|---|---|---|
| | | | |

**Replug By Other Operator**

Document Number: 401441533

Date Received: 10/26/2017

## WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.
A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 10661 Contact Name: Elizabeth Kane

Name of Operator: BISON OIL & GAS II LLC Phone: (720) 644-6997

Address: 518 17TH STREET #1800 Fax:

City: DENVER State: CO Zip: 80202 Email: ekane@bisonog.com

**For "Intent" 24 hour notice required, COGCC contact:** Name: Pesicka, Conor Tel: (970) 415-0789 Email: conor.pesicka@state.co.us

API Number 05-123-05533-00

Well Name: DE FORD Well Number: 1

Location: QtrQtr: NESE Section: 19 Township: 8N Range: 59W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: WILDCAT Field Number: 99999

☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.646956 Longitude: -104.013969

GPS Data:

Date of Measurement: 10/18/2017 PDOP Reading: 1.5 GPS Instrument Operator's Name: Greg Weimer

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems

☒ Other Re-enter to Re-Plug

Casing to be pulled: ☐ Yes ☒ No Estimated Depth:

Fish in Hole: ☐ Yes ☒ No If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details:

## Current and Previously Abandoned Zones

| Formation | Perf. Top | Perf. Btm | Abandoned Date | Method of Isolation | Plug Depth |
|---|---|---|---|---|---|
| | | | | | |

Total: 0 zone(s)

## Casing History

| Casing Type | Size of Hole | Size of Casing | Weight Per Foot | Setting Depth | Sacks Cement | Cement Bot | Cement Top | Status |
|---|---|---|---|---|---|---|---|---|
| SURF | 12+1/4 | 10+3/4 | 32 | 137 | 150 | 137 | 0 | |

# Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #4: Depth _____ with _____ sacks cmt on top.

CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 33 sks cmt from 6270 ft. to 6170 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 99 sks cmt from 6055 ft. to 5755 ft. Plug Type: OPEN HOLE Plug Tagged: ☒

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 199 sacks half in. half out surface casing from 515 ft. to 0 ft. Plug Tagged: ☒

Set _____ sacks at surface

Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☒ No

Set _____ sacks in rat hole Set _____ sacks in mouse hole

## Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing Plugging Date: _____

*Wireline Contractor: _____ *Cementing Contractor: _____

Type of Cement and Additives Used: _____

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Purpose is to re-enter and adequately re-plug prior to hydraulic stimulation of proposed horizontal well per DJ Basin Offset Policy, dated December 16, 2013.

Closed loop system will be used.

See attached Operations Summary for Re-entry and Re-plugging procedures.

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

Signed: _____ Print Name: Abigail Wenk

Title: Regulatory Manager Date: 10/26/2017 Email: awenk@bisonog.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: SUTPHIN, DIRK Date: 11/2/2017

**CONDITIONS OF APPROVAL, IF ANY:** Expiration Date: 5/1/2018

| COA Type | Description |
|---|---|
| | Venting during plugging:<br>Operator shall implement measures to control unnecessary and excessive venting, to protect the health and safety of the public, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare. |
| | 1) Provide 48 hour notice of MIRU via electronic Form 42.<br>2) If not possible to reach proposed depth for the first 2 cement plugs, set 100 sks cement in shale as deep as possible; preferably between Niobrara top and 4000', otherwise 3000-2000' minimum. Tag to confirm top of plug.<br>3) Shoe/Surface plug (515'-0'): Tag at least 50' above surface casing shoe, if not circulated to surface as proposed, and cement from at least 50' to surface.<br>4) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number.<br>5) File Form 6-SRA. |

## Attachment Check List

| Att Doc Num | Name |
|---|---|
| 401441533 | FORM 6 INTENT SUBMITTED |
| 401441647 | LOCATION PHOTO |
| 401441657 | SURFACE AGRMT/SURETY |
| 401441742 | OPERATIONS SUMMARY |
| 401441750 | WELLBORE DIAGRAM |
| 401441752 | WELLBORE DIAGRAM |

Total Attach: 6 Files

## General Comments

| User Group | Comment | Comment Date |
|---|---|---|
| Engineer | Called operator (Elizabeth Kane) to verify plug depths. She wants to change the 99 sk plug depths from 6085-5705 to 6055-5755 (100' below NBRR to 200' above NBRR). Operator sent replacement proposed WBD and Operations Summary. COGCC records indicate surface casing depth 143', operator found log header indicating Csg Shoe Schlum 142', Driller 137', and PI card 137'. | 11/02/2017 |
| Permit | Verified as-built GPS lat/long on COGIS map.<br>No completion report available, as well was drilled in 1954 and abandoned in 1955.<br>No production.<br><br>Permitting review complete. | 11/01/2017 |
| Public Room | Well file not found for verification - passed task 10/31/17 | 10/31/2017 |

Total: 3 comment(s)