

**Replug By Other Operator**

Document Number:

401795281

Date Received:

10/13/2018

**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,** Name: Evins, Bret Tel: (970) 420-6699  
**COGCC contact:** Email: bret.evins@state.co.us

API Number 05-123-09699-00 Well Number: 1  
 Well Name: BUTLER  
 Location: QtrQtr: NWSE Section: 17 Township: 8N Range: 60W 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: 40.660472 Longitude: -104.112972  
 GPS Data:  
 Date of Measurement: 08/28/2018 PDOP Reading: 1.5 GPS Instrument Operator's Name: James Freshwater  
 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       | 8+5/8          | 24              | 168           | 170          | 168        | 0          |        |
| OPEN HOLE   | 7+7/8        |                |                 | 7,160         |              |            |            |        |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #2: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #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 50 sks cmt from 6566 ft. to 6416 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 99 sks cmt from 6293 ft. to 5993 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 191 sacks half in. half out surface casing from 550 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. \_\_\_\_\_ inch casing Plugging Date: \_\_\_\_\_  
of \_\_\_\_\_  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
Type of Cement and Additives Used: \_\_\_\_\_  
Flowline/Pipeline has been abandoned per Rule 1105  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: 10/13/2018 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: 11/16/2018

#### CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 5/15/2019

| <b>COA Type</b> | <b>Description</b>  |
|-----------------|---|
|                 | 1) Provide 48 hour notice of MIRU via electronic Form 42.<br>2) Niobrara plug: There must be 100' of cement above Niobrara. Tag plug 100' above top of Niobrara.<br>3) Shoe plug: Tag plug 50' above surface casing shoe, if not circulated to surface as proposed, and cement from 50' to surface. |

**Attachment Check List**

| <b>Att Doc Num</b> | <b>Name</b>             |
|--------------------|-------------------------|
| 401795281          | FORM 6 INTENT SUBMITTED |
| 401795282          | LOCATION PHOTO          |
| 401795283          | WELLBORE DIAGRAM        |
| 401795284          | SURFACE OWNER CONSENT   |
| 401795285          | OPERATIONS SUMMARY      |
| 401795286          | WELLBORE DIAGRAM        |

Total Attach: 6 Files

**General Comments**

| <b>User Group</b>      | <b>Comment</b> | <b>Comment Date</b> |
|------------------------|----------------|---------------------|
| Well File Verification | Pass           | 10/18/2018          |
| Permit                 | Pass           | 10/16/2018          |

Total: 2 comment(s)