

**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.

Document Number:  
401499850

Date Received:  
01/18/2018

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: \_\_\_\_\_ Tel: \_\_\_\_\_

**COGCC contact:** Email: \_\_\_\_\_

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	VISU
OPEN HOLE	7+7/8			6,919				

## 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 150 sks cmt from 6166 ft. to 4042 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 330 sks cmt from 520 ft. to 152 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 53 sacks half in. half out surface casing from 152 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: 12/05/2017  
of \_\_\_\_\_  
\*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: Cementers Well Services, Inc  
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.

The original PA documents from 1955 show 5 drill collars and a bit left at TD 6919'

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: 1/18/2018 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: McFarland, Nick Date: 6/12/2019

### CONDITIONS OF APPROVAL, IF ANY:

#### COA Type

#### Description

<u>COA Type</u>	<u>Description</u>

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
1801811	OPERATIONS SUMMARY
2304611	CEMENT JOB SUMMARY
2304626	OTHER
2304627	WELLBORE DIAGRAM
401499850	FORM 6 SUBSEQUENT SUBMITTED
401518154	CEMENT JOB SUMMARY

Total Attach: 6 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Form 42 filed for 48 hour ops notice. Ops summary provided by Bison on 3/1/19. Attached. Procedure, WBD and tickets are now reflected.</p> <p>Emailed Ariana asolis@bisonog.com and Abigail awenk@bisonog.com regarding issues below on 5/8/19.</p> <p>*WBD is showing csg shoe at 137'. Old log header indicates 143' shoe, but attached record from the Denver Earth Resources Library shows 137'.</p>	05/08/2019
Engineer	<p>Burn, Diana RemindmE comment 11/21/17 This is the well I mentioned to you they are having trouble getting down the well due to junk in the hole at 49' and surface casing at 137'. They want to drill a interception well to get into the well below the obstruction likely below the surface casing to properly replug. I told them we are probably fine with it but I am not sure what paperwork we will require. It might involve a Form 2 with exigent circumstances to avoid the public comment period. Or a sidetrack permit. Or maybe just a Sundry. If they start the well and never get into the old wellbore we probably want to track as a separate well and API#. If they do get into the old wellbore it might be a Sidetrack. How did the relief wells we also spoke about get permitted?</p>	05/08/2019
Engineer	<p>During the plugging of this well, they ran into junk at 49' and were unable to get through it. They permitted and drilled an intercept well - the De Ford #1 Intercept API #123-45962. Intercept well did not actually intercept the De Ford 1. They were able to pull out an old drilling bit from 49' and then drill out the cement below.</p>	12/05/2018
Engineer	<p>I see in one of the original reports from 1955 that they left 5 drill collars and a bit at TD (6919'). Could we correct the WBD to show this? Also would like to show the interception point and notate that on this WBD for the original well. I believe the Pete Martin top-off cement report attached to the 5F of the intercept well (doc #401551687) was actually used to fill this original wellbore from the junk at 49' to surface. Need to verify with Bison.</p>	12/05/2018

Total: 4 comment(s)