

**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:  
401441234

Date Received:  
10/26/2017

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: Pesicka, Conor Tel: (970) 415-0789

**COGCC contact:** Email: conor.pesicka@state.co.us

API Number 05-123-08598-00

Well Name: HOUSTON Well Number: 1

Location: QtrQtr: NWNW Section: 30 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: 40.638872 Longitude: -104.027736

GPS Data:  
Date of Measurement: 10/13/2017 PDOP Reading: 1.7 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	8+5/8	23	163	150	163	0	

## 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 33 sks cmt from 6363 ft. to 6263 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 99 sks cmt from 6177 ft. to 5877 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 183 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 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

<b>COA Type</b>	<b>Description</b>
	Venting during plugging: 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. 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. 3) Shoe/Surface plug (550'-0'): Tag at least 50' above surface casing shoe, if not circulated to surface as proposed, and cement from at least 50' to surface. 4) Abandoned well marker shall be inscribed with the well's legal location, well name and number, and API Number. 5) File Form 6-SRA.

### **Attachment Check List**

<b>Att Doc Num</b>	<b>Name</b>
401441234	FORM 6 INTENT SUBMITTED
401441275	SURFACE AGRMT/SURETY
401441279	LOCATION PHOTO
401441490	OPERATIONS SUMMARY
401441493	WELLBORE DIAGRAM
401441494	WELLBORE DIAGRAM

Total Attach: 6 Files

### **General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Called operator (Elizabeth Kane) to verify plug depths. Increased the depth of plug from 490 to 550' and cement quantity proportionally from 163 to 183 sks. (Due to WW depths and Induction log). Operator sent replacement proposed WBD and Operations Summary.	11/02/2017
Permit	Verified as-built GPS lat/longs on COGIS map. Verified Completion Report (doc# 236475, 3/15/1976); well was not perfed. Original plugging of well 2/10/1976. Well never produced; no production reports required.  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)