


FORM 6 <small>Rev 05/18</small>	State of Colorado Oil and Gas Conservation Commission <small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small>				DE	ET	OE	ES																																																						
	WELL ABANDONMENT REPORT				Replug By Other Operator																																																									
	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																																																									
<table style="width:100%;"><tr><td colspan="5">OGCC Operator Number: 10661</td><td colspan="4">Contact Name: Elizabeth Kane</td></tr><tr><td colspan="5">Name of Operator: BISON OIL & GAS II LLC</td><td colspan="4">Phone: (720) 644-6997</td></tr><tr><td colspan="5">Address: 518 17TH STREET #1800</td><td colspan="4">Fax:</td></tr><tr><td colspan="2">City: DENVER</td><td colspan="2">State: CO</td><td colspan="2">Zip: 80202</td><td colspan="3">Email: ekane@bisonog.com</td></tr><tr><td colspan="5">For "Intent" 24 hour notice required, Name: _____ Tel: _____</td><td colspan="4"></td></tr><tr><td colspan="5">COGCC contact: _____ Email: _____</td><td colspan="4"></td></tr></table>									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: _____								
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: _____																																																														
<table style="width:100%;"><tr><td colspan="2">API Number 05-123-05533-00</td><td colspan="7">Well Number: 1</td></tr><tr><td colspan="2">Well Name: DE FORD</td><td colspan="7"></td></tr><tr><td colspan="2">Location: QtrQtr: NESE</td><td colspan="2">Section: 19</td><td colspan="2">Township: 8N</td><td colspan="2">Range: 59W</td><td colspan="2">Meridian: 6</td></tr><tr><td colspan="2">County: WELD</td><td colspan="7">Federal, Indian or State Lease Number: _____</td></tr><tr><td colspan="2">Field Name: WILDCAT</td><td colspan="7">Field Number: 99999</td></tr></table>									API Number 05-123-05533-00		Well Number: 1							Well Name: DE FORD									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														
API Number 05-123-05533-00		Well Number: 1																																																												
Well Name: DE FORD																																																														
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																																																												
<input type="checkbox"/> Notice of Intent to Abandon <input checked="" type="checkbox"/> Subsequent Report of Abandonment																																																														
<i>Only Complete the Following Background Information for Intent to Abandon</i>																																																														
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: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems																																																														
<input checked="" type="checkbox"/> Other Re-Enter to Re-Plug																																																														
Casing to be pulled: <input type="checkbox"/> Yes <input type="checkbox"/> No Estimated Depth: _____																																																														
Fish in Hole: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below																																																														
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain details below																																																														
Details: _____																																																														
Current and Previously Abandoned Zones																																																														
<table style="width:100%;"><tr><th>Formation</th><th>Perf. Top</th><th>Perf. Btm</th><th>Abandoned Date</th><th>Method of Isolation</th><th>Plug Depth</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>									Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth																																																
Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth																																																									
Total: 0 zone(s)																																																														
Casing History																																																														
<table style="width:100%;"><tr><th>Casing Type</th><th>Size of Hole</th><th>Size of Casing</th><th>Weight Per Foot</th><th>Setting Depth</th><th>Sacks Cement</th><th>Cement Bot</th><th>Cement Top</th><th>Status</th></tr><tr><td>SURF</td><td>12+1/4</td><td>10+3/4</td><td>32</td><td>137</td><td>150</td><td>137</td><td>0</td><td>VISU</td></tr><tr><td>OPEN HOLE</td><td>7+7/8</td><td> </td><td> </td><td>6,919</td><td> </td><td> </td><td> </td><td> </td></tr></table>									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																															
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**

COA Type	Description

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)