


<b>FORM</b> <b>6</b> Rev 05/18	<b>State of Colorado</b> <b>Oil and Gas Conservation Commission</b> 1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109				DE	ET	OE	ES																		
					<b>Replug By Other Operator</b>																					
					Document Number: <div style="text-align: center;">401797488</div> Date Received: <div style="text-align: center;">10/16/2018</div>																					
<b>WELL ABANDONMENT REPORT</b>																										
<p>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.</p> <p>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.</p>																										
OGCC Operator Number: <u>10661</u>					Contact Name: <u>Elizabeth Kane</u>																					
Name of Operator: <u>BISON OIL &amp; GAS II LLC</u>					Phone: <u>(720) 644-6997</u>																					
Address: <u>518 17TH STREET #1800</u>					Fax: _____																					
City: <u>DENVER</u> State: <u>CO</u> Zip: <u>80202</u>					Email: <u>ekane@bisonog.com</u>																					
<div style="border: 1px solid black; padding: 5px;"> <p><b>For "Intent" 24 hour notice required,</b> Name: <u>Evins, Bret</u> Tel: <u>(970) 420-6699</u></p> <p><b>COGCC contact:</b> Email: <u>bret.evins@state.co.us</u></p> </div>																										
<div style="border: 1px solid black; padding: 5px;">         API Number <u>05-123-09375-00</u> </div>																										
Well Name: <u>BUTLER-FEDERAL</u>					Well Number: <u>1-20</u>																					
Location: QtrQtr: <u>SWSW</u> Section: <u>20</u> Township: <u>8N</u> Range: <u>60W</u> Meridian: <u>6</u>																										
County: <u>WELD</u>					Federal, Indian or State Lease Number: _____																					
Field Name: <u>WILDCAT</u>					Field Number: <u>99999</u>																					
<input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment																										
<i>Only Complete the Following Background Information for Intent to Abandon</i>																										
Latitude: <u>40.642303</u>					Longitude: <u>-104.122834</u>																					
GPS Data:																										
Date of Measurement: <u>06/28/2018</u>					PDOP Reading: <u>1.2</u>		GPS Instrument Operator's Name: <u>James Freshwater</u>																			
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems																										
<input checked="" type="checkbox"/> Other <u>Re-enter to Re-plug</u>																										
Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					Estimated Depth: _____																					
Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					If yes, explain details below																					
Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					If yes, explain details below																					
Details: _____																										
<b>Current and Previously Abandoned Zones</b>																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Formation</th> <th style="width:10%;">Perf. Top</th> <th style="width:10%;">Perf. Btm</th> <th style="width:20%;">Abandoned Date</th> <th style="width:20%;">Method of Isolation</th> <th style="width:10%;">Plug Depth</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>									Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth												
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Total: 0 zone(s)																										
<b>Casing History</b>																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">Casing Type</th> <th style="width:10%;">Size of Hole</th> <th style="width:10%;">Size of Casing</th> <th style="width:10%;">Weight Per Foot</th> <th style="width:10%;">Setting Depth</th> <th style="width:10%;">Sacks Cement</th> <th style="width:10%;">Cement Bot</th> <th style="width:10%;">Cement Top</th> <th style="width:10%;">Status</th> </tr> </thead> <tbody> <tr> <td>SURF</td> <td>12+1/4</td> <td>8+5/8</td> <td>24</td> <td>311</td> <td>200</td> <td>311</td> <td>0</td> <td> </td> </tr> </tbody> </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	8+5/8	24	311	200	311	0	
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## 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 49 sks cmt from 6574 ft. to 6424 ft. Plug Type: OPEN HOLE Plug Tagged: ☐  
Set 98 sks cmt from 6304 ft. to 6004 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 185 sacks half in. half out surface casing from 660 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: 10/16/2018 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: 10/24/2018

**CONDITIONS OF APPROVAL, IF ANY:** \_\_\_\_\_

Expiration Date: 4/23/2019

<u>COA Type</u>	<u>Description</u>
	<p>Note changes to submitted form.</p> <p>1) Provide 48 hour notice of MIRU via electronic Form 42.</p> <p>2) Tag (6304-6004') plug 100' above Niobrara.</p> <p>3) Shoe (660') plug: Tag plug 50' above surface casing shoe, if not circulated to surface.</p> <p>4) Surface plug: Cement from 50' to surface.</p>

### **Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
401797488	FORM 6 INTENT SUBMITTED
401797493	WELLBORE DIAGRAM
401797494	OPERATIONS SUMMARY
401797495	WELLBORE DIAGRAM
401797496	LOCATION PHOTO
401797498	SURFACE OWNER CONSENT

Total Attach: 6 Files

### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>Base of Fox Hills: Calc <math>4937-4440=497'</math>.</p> <p>Base of Fox Hills transition 580' in offset 123-07357, 4912 GS, <math>4937-4912+580=605'</math>.</p> <p>Increased depth of shoe plug to 660'.</p>	10/23/2018
Well File Verification	Pass	10/19/2018
Permit	Pass	10/18/2018

Total: 3 comment(s)