

FORM  
6Rev  
11/20

## State of Colorado

## Energy &amp; Carbon Management Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Replug By Other Operator

Document Number:

404259259

Date Received:

07/01/2025

## 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.

ECMC Operator Number: 10670

Contact Name: Rachel Milne

Name of Operator: BISON IV OPERATING LLC

Phone: (720) 3708580

Address: 518 17TH STREET SUITE 1800

Fax:

City: DENVER State: CO Zip: 80202

Email: rmilne@bisonog.com

For "Intent" 24 hour notice required,

Name: Petrie, Erica

Tel: (303) 726-3822

ECMC contact:

Email: erica.petrie@state.co.us

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-123-14360-00

Well Name: KEOTA

Well Number: 1

Location: QtrQtr: NESW Section: 14 Township: 7N Range: 60W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: LADY K Field Number: 47680

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.573276 Longitude: -104.062541

GPS Data: GPS Quality Value: Type of GPS Quality Value: Date of Measurement:

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☒ Other ReplugCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	12+1/4	8+5/8	NA	24	0	222	200	222	0	VISU
OPEN HOLE	7+7/8				222	6950				

## 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 _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set 100	sks cmt from 6126	ft. to 5826	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input type="checkbox"/>
Set 60	sks cmt from 1512	ft. to 1362	ft.	Plug Type: OPEN HOLE	Plug Tagged: <input checked="" type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>
Set _____	sks cmt from _____	ft. to _____	ft.	Plug Type: _____	Plug Tagged: <input type="checkbox"/>

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 _____
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 _____
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 150 sacks half in. half out surface casing from 500 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. of \_\_\_\_\_ inch casing

Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_ Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1105 ☐ Yes ☐ No

Technical Detail/Comments:

Previous abandonment plug to remain at 6695-60'

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Rachel Milne

Title: Regulatory Manager

Date: 7/1/2025

Email: rmilne@bisonog.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: Wolfe, Stephen

Date: 7/22/2025

### CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 1/21/2026

COA Type	Description
	<p>Plugging</p> <p>1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations and electronic Form 42 Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.</p> <p>2) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from ECMC is obtained.</p> <p>3) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug (minimum) on top. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Wait on cement(WOC) a minimum of 4 hrs before tagging a plug. Tag at tops specified. Notify ECMC Area Engineer of a high(shallow) tag or before adding cement to a previous plug due to a low(deep) cement top.</p> <p>4) Place a 50' cement plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface and complete isolation in all strings during cut and cap. After cut and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging observation. If there is any indication of flow contact ECMC Engineering before proceeding. Provide a statement on the 6 SRA as to which method was used and what was observed. Retain records of final isolation test for 5 years.</p> <p>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>6) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact ECMC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been approved as follows,</p> <p>Previous abandonment plug to remain at 6695-60',</p> <p>Plug #1 - 6126-5826', 100 sx open hole plug, NOTE: depth change,</p> <p>Verify that there is no pressure or fluid migration before pumping Plug #2, contact ECMC Area Engineer for instructions if otherwise,</p> <p>Plug #2 - 1512-1362', 60 sx open hole plug, WOC and tag, NOTE: volume change,</p> <p>Plug #3 - 500-0', 150 sx open hole plug, adjust volume accordingly, NOTE: depth change,</p> <p>Plug #4 - 50' of cement at the surface in both the casing and the annulus per COA #4.</p>
1 COA	

#### **ATTACHMENT LIST**

Att Doc Num	Name
404259259	FORM 6 INTENT SUBMITTED
404259288	WELLBORE DIAGRAM
404259290	WELLBORE DIAGRAM
404259295	PROPOSED PLUGGING PROCEDURE
404263991	SURFACE OWNER CONSENT
404263994	LOCATION PHOTO

Total Attach: 6 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater - Laramie-Fox Hills, Upper Pierre Deepest water well- 400'(28 records, 2mi) GR=4906(+26') Log - 123-14360 8/9/89 GR=4880 L-FH base 400' UP 740-1460'	07/17/2025
OGLA	Location is in CPW mapped Pronghorn Winter Concentration and Mule Deer Severe Winter Range High Priority Habitats. Although plugging and abandonment operations with heavy equipment will be allowed, the Operator is strongly encouraged to avoid them between December 1 through April 30.	07/08/2025
Permit	-GPS data verified -No zones to verified -No production reports to verified -Permit Review Complete	07/03/2025

Total: 3 comment(s)