

**Replug By Other Operator**

Document Number:  
404048352

Date Received:  
02/10/2025

**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: Alison Parker  
 Name of Operator: BISON IV OPERATING LLC Phone: (918) 8599007  
 Address: 518 17TH STREET SUITE 1800 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: aparker@bisonog.com

**For "Intent" 24 hour notice required,** Name: Medina, Justin Tel: (720) 471-0006  
 Email: justin.medina@state.co.us

**ECMC contact:** \_\_\_\_\_

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

API Number 05-001-08537-00  
 Well Name: BASS BOX ELDER FARMS Well Number: 7-44  
 Location: QtrQtr: NENE Section: 7 Township: 3S Range: 65W Meridian: 6  
 County: ADAMS Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: SECOND CREEK Field Number: 76900

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

Latitude: 39.811046 Longitude: -104.699159  
 GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 01/13/2025

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
D SAND	8292	8326	06/24/1986	SAND PLUG/CEMENT	8200
J SAND	8370	8400	06/24/1986	SAND PLUG/CEMENT	8200

Total: 2 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	J55	24	0	337	250	337	0	CALC
1ST	7+7/8	4+1/2	J55	11.6	260	8480	400	8480	7282	CBL
S.C. 1.1						1626	200	1626	1200	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7590 with 4 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 8 sks cmt from 2900 ft. to 2800 ft. Plug Type: CASING Plug Tagged:   
 Set 10 sks cmt from 1802 ft. to 1677 ft. Plug Type: CASING Plug Tagged:   
 Set 8 sks cmt from 938 ft. to 838 ft. Plug Type: CASING 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 3000 ft. with 395 sacks. Leave at least 100 ft. in casing 2900 CICR Depth  
 Perforate and squeeze at 1100 ft. with 86 sacks. Leave at least 100 ft. in casing 990 CICR Depth  
 Perforate and squeeze at 400 ft. with 132 sacks. Leave at least 100 ft. in casing 350 CICR Depth  
 (Cast Iron Cement Retainer Depth)

Set \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:   
 Set 28 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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_  
 Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

Perforations will be shot at 3,000', 1,700', 1,100' and 400' for cement squeezes.

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

Signed: \_\_\_\_\_ Print Name: Alison Parker  
 Title: Regulatory Analyst Date: 2/10/2025 Email: aparker@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: Jacobson, Eric Date: 2/21/2025

### CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 8/20/2025

<b>COA Type</b>	<b>Description</b>
	Submit updated WBD with Form 6 SROA
	1. Change plug at 1725' to 1802' (50' below Fox Hills) 2. Change plug at 990' to 938' (50' below Upper Arapahoe)
	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. These are two separate notifications, required by Rules 405.e and 405.i. 2) Prior to placing cement above the base of the Upper Pierre (2830') : verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact COGCC Engineer for an update to plugging orders. 3) Pump surface casing shoe plug at 400' only after isolation has been verified. If surface casing cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 287' or shallower and provide a minimum of 10 sx plug at the surface. 4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.
	Deepest Water Well within 1 Mile – 200' SB5 Base of Fox Hills - 1752' SB5 Base of Lower Arapahoe - 1164' SB5 Base of Upper Arapahoe - 888' SB5 Base of Denver - 629'  Denver / 4751 / 5217 / 171.1 / 629 / 163 / 46.54NNT Upper Arapahoe / 4492 / 4745 / 123.5 / 888 / 635 / 33.59NT Lower Arapahoe / 4196 / 4417 / 100.7 / 1184 / 963 / 27.39NT Laramie-Fox Hills / 3628 / 3840 / 163.1 / 1752 / 1540 / 39.14NT
	Due to proximity to a mapped wetland, operator will use secondary containment for all tanks and other liquid containers. Operator will implement stormwater BMPs and erosion control measures as needed to prevent sediment and stormwater runoff from entering the wetland and surface water.
5 COAs	

**ATTACHMENT LIST**

<b>Att Doc Num</b>	<b>Name</b>
404048352	FORM 6 INTENT SUBMITTED
404048638	WELLBORE DIAGRAM
404048642	PROPOSED PLUGGING PROCEDURE
404086321	LOCATION PHOTO
404086323	SURFACE OWNER CONSENT

Total Attach: 5 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
Engineer	Operator shall implement measures to control venting, to protect health and safety, and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard to public welfare.	02/20/2025
Permit	-Updated GPS data with the most current information -Verified zone information -No production data to verified -Passed Permit Review	02/18/2025

Total: 2 comment(s)