FORM 6 Rev 11/20

State of Colorado
Energy & 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: 403808584

Date Received: 05/30/2024

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: Mandie Flinn

Name of Operator: BISON IV OPERATING LLC Phone: (720) 2614461

Address: 518 17TH STREET SUITE 1800 Fax:

City: DENVER State: CO Zip: 80202 Email: mflinn@bisonog.com

For "Intent" 24 hour notice required, ECMC contact: Name: Petrie, Erica Tel: (303) 726-3822 Email: erica.petrie@state.co.us

Type of Well Abandonment Report: [X] Notice of Intent to Abandon [ ] Subsequent Report of Abandonment

API Number 05-123-05495-00

Well Name: DAVID F BRYSON Well Number: 1

Location: QtrQtr: SESW Section: 29 Township: 8N Range: 59W Meridian: 6

County: WELD Federal, Indian or State Lease Number:

Field Name: WILDCAT Field Number: 99999

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.627755 Longitude: -104.003719

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

Reason for Abandonment: [ ] Dry [ ] Production Sub-economic [ ] Mechanical Problems

[X] Other Offset Frac Reentry

Casing to be pulled: [ ] Yes [X] No Estimated Depth:

Fish in Hole: [ ] Yes [X] No If yes, explain details below

Wellbore has Uncemented Casing leaks: [ ] Yes [X] 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	28	0	234	160	234	0	
OPEN HOLE	7+7/8				234	6928				

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 50 sks cmt from 6861 ft. to 6711 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 100 sks cmt from 6285 ft. to 5985 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 50 sks cmt from 1579 ft. to 1429 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: ☐

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 175 sacks half in. half out surface casing from 526 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:

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

Signed: _____ Print Name: Mandie Flinn

Title: Operations Tech Date: 5/30/2024 Email: mflinn@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: 6/4/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 12/3/2024

COA Type	Description
	Plugging 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. 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. 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. 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 before adding cement to previous plug due to low cement top. 4) Place a 50' 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 recording. If there is indication of flow contact ECMC Engineering. Provide a statement on the 6 SRA which method was used and what was observed. Retain records of final isolation test for 5 years. 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed. 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. 7) Plugging procedure has been modified as follows, See COA #3 for requirements to tag, Plug #1 - 6861-6711', 50 sx open hole plug, Plug #2 - 6285-985', 100 sx open hole plug, Plug #3 - 1579-1429', 50 sx open hole plug, WOC and tag, Plug #4 - 526-0', 175 sx open hole plug, WOC and tag if not circulated to the surface, Plug #5 - 50' of cement at the surface in both the casing and the annulus per COA #4. 8) Submit any logs run during the plugging with the Form 6 SRA.
	Groundwater= Laramie-Fox Hills, Upper Pierre Deepest water well= 1060'(2mi, 23 records) Log= 123-05497 2/7/55 GR=4897+85 L-FH base 410+85=495' UP 790-1441+85=1526'
2 COAs	

ATTACHMENT LIST

Att Doc Num	Name
403808584	FORM 6 INTENT SUBMITTED
403808591	WELLBORE DIAGRAM
403808592	LOCATION PHOTO
403808597	WELLBORE DIAGRAM
403808599	PROPOSED PLUGGING PROCEDURE
403808605	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Permit	Verify GPS data No zones or production data to verify Passed Permit Review	06/03/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH, not near surface waters or wetlands, and there are no nearby RBUs.	06/03/2024
OGLA	Different operator listed on Scout Card (On Scout Card: STEELE* ROY G - 100539)	06/03/2024

Total: 3 comment(s)