


FORM 6 Rev 11/20	State of Colorado Energy & Carbon Management Commission				DE	ET	OE	ES																																	
	1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109				Replug By Other Operator																																				
WELL ABANDONMENT REPORT					Document Number: 403789484																																				
<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. 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>					Date Received: 05/14/2024																																				
ECMC Operator Number: 10670					Contact Name: Mandie Flinn Mandie Flinn																																				
Name of Operator: BISON IV OPERATING LLC					Phone: (720) 261-4461																																				
Address: 518 17TH STREET SUITE 1800					Fax:																																				
City: DENVER State: CO Zip: 80202					Email: mflinn@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: <input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment																																									
API Number 05-123-05497-00																																									
Well Name: MALO Well Number: 1																																									
Location: QtrQtr: SWSW Section: 28 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: 40.627605 Longitude: -103.989649																																									
GPS Data: GPS Quality Value: Type of GPS Quality Value: Date of Measurement:																																									
Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems																																									
<input checked="" type="checkbox"/> Other Offset Frac Reentry																																									
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:																																									
Current and Previously Abandoned Zones																																									
<table><thead><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></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)																																									
Casing History																																									
<table><thead><tr><th>Casing Type</th><th>Size of Hole</th><th>Size of Casing</th><th>Grade</th><th>Wt/Ft</th><th>Csg/Liner Top</th><th>Setting Depth</th><th>Sacks Cmt</th><th>Cmt Btm</th><th>Cmt Top</th><th>Status</th></tr></thead><tbody><tr><td>SURF</td><td>12+1/4</td><td>10+3/4</td><td>NA</td><td>NA</td><td>0</td><td>200</td><td>160</td><td>200</td><td>0</td><td>VISU</td></tr><tr><td>OPEN HOLE</td><td>7+7/8</td><td></td><td></td><td></td><td>200</td><td>6737</td><td></td><td></td><td></td><td></td></tr></tbody></table>									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	10+3/4	NA	NA	0	200	160	200	0	VISU	OPEN HOLE	7+7/8				200	6737				
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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 50 sks cmt from 6737 ft. to 6614 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 120 sks cmt from 6050 ft. to 5750 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 60 sks cmt from 1493 ft. to 1343 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 150 sacks half in. half out surface casing from 450 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 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:

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: 5/14/2024 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: 5/29/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 11/28/2024

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. 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.</p> <p>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.</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 modified as follows, See COA #3 for requirements to tag, Plug #1 - 6737-6614', 50 sx open hole plug, Plug #2 - 6050-5750', 120 sx open hole plug, Plug #3 - 1493-1343', 60 sx open hole plug, WOC and tag, Plug #4 - 450-0', 150 sx open hole plug, WOC and tag if not circulated to the surface, NOTE: change to depth, Plug #5 - 50' of cement at the surface in both the casing and the annulus per COA #4, if needed.</p>
1 COA	

ATTACHMENT LIST

Att Doc Num	Name
403789484	FORM 6 INTENT SUBMITTED
403789496	WELLBORE DIAGRAM
403789497	WELL ABANDONMENT REPORT (INTENT)
403789502	PROPOSED PLUGGING PROCEDURE
403789510	LOCATION PHOTO
403789512	SURFACE OWNER CONSENT

Total Attach: 6 Files

General Comments

User Group	Comment	Comment Date
Engineer	Groundwater=Laramie-Fox Hills, Upper Pierre Deepest water well=1060'(2mi, 23 records) Log=123-05497 2/7/55 GR=4897 L-FH base 410' UP 790-1443'	05/22/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH, not near surface waters or wetlands, and not near RBUs.	05/21/2024
Permit	-Verify GPS date -No zones or production data to verify -Passed Permit Review	05/14/2024

Total: 3 comment(s)