



<div>FORM</div> <div>6</div> <div>Rev 11/20</div>	<div>State of Colorado</div> <div>Energy & Carbon Management Commission</div> <div>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</div>		<div></div>	<table><tr><td>DE</td><td>ET</td><td>OE</td><td>ES</td></tr></table>	DE	ET	OE	ES																												
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<div>WELL ABANDONMENT REPORT</div> <div><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></div>			<div>Replug By Other Operator</div> <div>Document Number: 403874750</div> <div>Date Received: 09/26/2024</div>																																	
<div><div>ECMC Operator Number: 10819</div><div>Contact Name: Venessa Chase</div><div>Name of Operator: PRAIRIE OPERATING CO LLC</div><div>Phone: (303) 907-1714</div><div>Address: 50 S STEELE STREET SUITE 450</div><div>Fax:</div><div>City: DENVER State: CO Zip: 80209</div><div>Email: vc@prairieopco.com</div><div>For "Intent" 24 hour notice required, Name: Petrie, Erica Tel: (303) 726-3822</div><div>ECMC contact: Email: erica.petrie@state.co.us</div></div>																																				
<div>Type of Well Abandonment Report: <input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment</div>																																				
<div><div>API Number 05-123-07079-00</div><div>Well Name: CASSADY Well Number: 1</div><div>Location: QtrQtr: NWSE Section: 5 Township: 7N Range: 60W Meridian: 6</div><div>County: WELD Federal, Indian or State Lease Number:</div><div>Field Name: WILDCAT Field Number: 99999</div></div>																																				
<div>Only Complete the Following Background Information for Intent to Abandon</div> <div><div>Latitude: 40.602315 Longitude: -104.114563</div><div>GPS Data: GPS Quality Value: 1.1 Type of GPS Quality Value: PDOP Date of Measurement: 08/14/2024</div><div>Reason for Abandonment: <input type="checkbox"/> Dry <input type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems</div><div><input checked="" type="checkbox"/> Other Re-Enter and Re-Plug</div><div>Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Estimated Depth:</div><div>Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain details below</div><div>Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain details below</div><div>Details:</div></div>																																				
<div>Current and Previously Abandoned Zones</div> <table><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><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> <div>Total: 0 zone(s)</div>				Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth																											
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<div>Casing History</div> <table><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><tr><td>SURF</td><td>12+1/4</td><td>8+3/4</td><td>J55</td><td>24</td><td>0</td><td>190</td><td>135</td><td>190</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>190</td><td>7030</td><td></td><td></td><td></td><td></td></tr></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	8+3/4	J55	24	0	190	135	190	0	VISU	OPEN HOLE	7+7/8				190	7030				
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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 6950 ft. to 6800 ft. Plug Type: OPEN HOLE Plug Tagged: ☐
Set 145 sks cmt from 6400 ft. to 5900 ft. Plug Type: OPEN HOLE Plug Tagged: ☒
Set 145 sks cmt from 2000 ft. to 1500 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
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Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)

Set 245 sacks half in. half out surface casing from 640 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:

See Plugging Procedure Attached.

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

Signed: _____ Print Name: Venessa Chase
Title: Manager of Reg Affairs Date: 9/26/2024 Email: vc@prairieopco.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: 10/17/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 4/16/2025

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 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' 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 modified as follows, Plug #1 - 6950', 50 sx cement open hole plug, Note: Plug added by ECMC, Plug #2 - 6400-5900', 145 sx cement open hole plug, Note: Depth change, Plug #3 - 2000-1500', 145 sx cement open hole plug, Plug #4 - 640-0', 245 sx cement combined shoe/surface plug, Note: Change to depth and volume,</p>
1 COA	

ATTACHMENT LIST

Att Doc Num	Name
403874750	FORM 6 INTENT SUBMITTED
403874751	PROPOSED PLUGGING PROCEDURE
403874752	WELLBORE DIAGRAM
403936017	LOCATION PHOTO
403936019	SURFACE OWNER CONSENT

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater-Laramie-Fox Hills, Upper Pierre Deepest water well- 526'(2mi, 19 records) Log- 123-20978 6/20/2002 GR=4966', L-FH base 590', UP 900-1550'	10/16/2024
Permit	Verified GPS data No zones or production data to verified Passed Permit Review	09/30/2024
Permit	Sent back to draft since some attachments are missing	08/12/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not near surface waters or wetlands and there are no nearby RBUs.	08/08/2024
OGLA	Well is in a CPW mapped Pronghorn Winter Concentration Area High Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them from January 1 through April 30.	08/08/2024

Total: 5 comment(s)