

<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><div></div></div><div><div></div></div></div>		<div>DE</div> <div>ET</div> <div>OE</div> <div>ES</div>																																												
	<div>Replug By Other Operator</div> <div>Document Number: 403836442</div> <div>Date Received: 06/28/2024</div>																																																
<div>WELL ABANDONMENT REPORT</div> <div><div><div>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.</div></div></div>																																																	
<div>ECMC Operator Number: 10459</div> <div>Name of Operator: EXTRACTION OIL & GAS INC</div> <div>Address: 555 17TH STREET SUITE 3700</div> <div>City: DENVER State: CO Zip: 80202</div>			<div>Contact Name: Derek Clark</div> <div>Phone: (720) 270-4921</div> <div>Fax:</div> <div>Email: declark@civiresources.com</div>																																														
<div>For "Intent" 24 hour notice required,</div> <div>ECMC contact:</div>			<div>Name: Petrie, Erica</div> <div>Email: erica.petrie@state.co.us</div> <div>Tel: (303) 726-3822</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>API Number 05-123-19817-00</div> <div>Well Name: MAIS Well Number: 1-35 (OWP)</div> <div>Location: QtrQtr: NWSW Section: 35 Township: 8N Range: 56W Meridian: 6</div> <div>County: WELD Federal, Indian or State Lease Number:</div> <div>Field Name: WHITE BUTTE Field Number: 92796</div>																																																	
<div>Only Complete the Following Background Information for Intent to Abandon</div> <div>Latitude: 40.615833 Longitude: -103.617400</div> <div>GPS Data: GPS Quality Value: 1.5 Type of GPS Quality Value: PDOP Date of Measurement: 07/19/2012</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 P&A Orphan Well</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>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>D SAND</td><td>5656</td><td>5670</td><td></td><td></td><td></td></tr></table> <div>Total: 1 zone(s)</div>						Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth	D SAND	5656	5670																																			
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Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 5600 with 2 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 <u>30</u> sks cmt from <u>4710</u> ft. to <u>4510</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>30</u> sks cmt from <u>2950</u> ft. to <u>2750</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>25</u> sks cmt from <u>1390</u> ft. to <u>1190</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>25</u> sks cmt from <u>830</u> ft. to <u>630</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>
Set <u>45</u> sks cmt from <u>350</u> ft. to <u>0</u> ft.	Plug Type: <u>CASING</u>	Plug Tagged: <input type="checkbox"/>

Perforate and squeeze at 4760 ft. with 36 sacks. Leave at least 100 ft. in casing 4710 CICR Depth

Perforate and squeeze at 3000 ft. with 36 sacks. Leave at least 100 ft. in casing 2950 CICR Depth

Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth

(Cast Iron Cement Retainer Depth)

Set _____ sacks half in. half out surface casing from _____ ft. to _____ ft. Plug Tagged: ☐

Set 10 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:

Proposed WBD Attached
Unable to confirm csg grade with historical documentation, (Used NA)
CPW consult is not required for big game HPH.

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

Signed: _____ Print Name: Aubrey Noonan

Title: Sr. Regulatory Analyst Date: 6/28/2024 Email: regulatory@civiresources.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: 7/11/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 1/10/2025

COA Type	Description
	<p>Bradenhead Testing</p> <p>Prior to starting plugging operations a bradenhead test shall be performed if there has not been a reported bradenhead test within the 60 days immediately preceding the start of plugging operations.</p> <p>1) If, before opening the bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required.</p> <p>2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required.</p> <p>The Form 17 shall be submitted within 10 days of the test. Sampling shall comply with Operator Guidance - Bradenhead Testing and Reporting Instructions. If samples are collected, copies of all final laboratory analytical results shall be provided to the ECMC within three (3) months of collecting the samples.</p> <p>If there is a need for sampling, contact ECMC engineering for verification of plugging procedure.</p>
	<p>Form 27 must be approved prior to cut and cap. Allow 30 days for Director's review of the Form 27; include the Form 27 document number on the Form 6 Subsequent. Any historic Spill or Release discovered beyond the excavation required to safely cut and cap, will be reported on a Form 19, Spill/Release Report.</p>

	<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 observation. If there is indication of flow contact ECMC Engineering. Provide a statement on the 6SRA 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) No current Form 17 on file with ECMC. Contact ECMC area engineer with results of pre-plugging bradenhead test for confirmation of plugging procedure prior to commencing plugging operations.</p> <p>7) 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>8) Plugging procedure has been modified as follows, Plug #1 - 5600', CIBP with 2 sx of cement, Run a CBL to verify TOC for primary cement and coverage from 1390-0', Plug #2 - 4760', perf and squeeze 36 sx of cement through a CICR set at 4710', sting out and spot 30 sx on top of the CICR, (upper holes at 4560'), Plug #3 - 3000', perf and squeeze 36 sx of cement through a CICR set at 2950', sting out and spot 30 sx on top of the CICR, (upper holes at 2800'), Plug #4 - 1390-1190(25) csg, see below, Plug #5 - 830-630(25) csg, see below, Plug #6 - 350-0(45) csg, see below, Plugs #4,#5,#6 can be combined into a 180 sx cement plug from 1390-0' for operational efficiency, WOC and tag if cement does not remain at the surface, Note: change to depth and volume, Plug #7 - 50' of cement at the surface in both the casing and the annulus per COA #4.</p>
3 COAs	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403836442	FORM 6 INTENT SUBMITTED
403836530	WELLBORE DIAGRAM

Total Attach: 2 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Civitas is completing the wellbore abandonment. Any historic Spill or Release discovered beyond the excavation required to safely cut and cap, will be reported on a Form 19, Spill/Release Report, and those impacts will be addressed by the Orphaned Well Program. The ECMC Orphan Well Program will complete flowline abandonment and location closure and reclamation.	07/09/2024
Engineer	Aquifer=Laramie-Fox Hills, Upper Pierre Deepest water well=775'(2mi, 23 records) Log=123-19817 10/29/1999 GR=4512 L-FH base behind SC, UP 690-1320'	07/09/2024
Permit	Confirmed as-drilled well location. Production reporting delinquent. Missing 10/1999/9/2000, 7/2003, 22008, 10/2019. No other forms in process. Confirmed productive interval docnum: 865575. Reviewed WBDs. Pass.	07/08/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not near surface waters or wetlands, and no nearby RBUs. Task passed.	07/02/2024
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.	07/02/2024

Total: 5 comment(s)