

<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>Document Number:</div> <div>403997510</div> <div>Date Received:</div> <div>11/18/2024</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><div><div>ECMC Operator Number: 16288</div><div>Contact Name: Richard Murray</div><div>Name of Operator: CHATHAM OIL CO</div><div>Phone: (970) 989-3092</div><div>Address:</div><div>Fax:</div><div>City: DENVER State: CO Zip:</div><div>Email: G.Richard.Murray@state.co.us</div><div>For "Intent" 24 hour notice required, Name: Burchett, Kirby Tel: (970) 852-9642</div><div>ECMC contact: Email: kirby.burchett@state.co.us</div></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 05-103-05347-00</div><div>Well Name: M V SMITH Well Number: 30 (OWP)</div><div>Location: QtrQtr: NWNE Section: 9 Township: 1N Range: 102W Meridian: 6</div><div>County: RIO BLANCO Federal, Indian or State Lease Number:</div><div>Field Name: RANGELY Field Number: 72370</div></div>																																					
<div>Only Complete the Following Background Information for Intent to Abandon</div> <div><div>Latitude: 40.076250 Longitude: -108.844390</div><div>GPS Data: GPS Quality Value: Type of GPS Quality Value: Date of Measurement:</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 Orphan well program</div><div>Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Estimated Depth: 2570</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>MANCOS</td><td>2240</td><td>2570</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	MANCOS	2240	2570																								
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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>9</td><td>8</td><td>UN</td><td>UN</td><td>0</td><td>90</td><td>45</td><td>90</td><td>0</td><td>VISU</td></tr><tr><td>1ST</td><td>7</td><td>5+1/2</td><td>J-55</td><td>UN</td><td>0</td><td>2570</td><td>90</td><td></td><td></td><td>CALC</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	9	8	UN	UN	0	90	45	90	0	VISU	1ST	7	5+1/2	J-55	UN	0	2570	90			CALC
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<div>Date Run: 12/19/2024 Doc [#403997510] Well Name: M V SMITH 30 (OWP)</div> <div>Page 1 of 4</div>																																					

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 18 sks cmt from 140 ft. to 0 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: ☐
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 475 ft. with 30 sacks. Leave at least 100 ft. in casing 425 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 _____ sacks half in. half out surface casing from _____ ft. to _____ 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: Richard Murray

Title: OWP SPecialist Date: 11/18/2024 Email: g.richard.murray@state.co.us

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: Katz, Aaron

Date: 12/19/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 6/18/2025

COA Type	Description
	<p>Due to proximity to a wetland, surface water and expected shallow groundwater, 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.</p>
	<p>NOTE: Plugging procedure has been changed via discussion with operator. Operator submitted updated WBD</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. These are two separate notifications, required by Rules 405.e and 405.l.</p> <p>2) After placing plug at 475' assure that all fluid migration has been eliminated by monitoring the well for a minimum of 8 hours before proceeding to the next plug. If at any time after placing this plug there is evidence of pressure or of fluid migration, contact ECMC engineering before continuing operations.</p> <p>3) Prior to placing cement above the base of the surface shoe : verify that all fluid (liquid and gas) migration has been eliminated. If evidence of fluid migration or pressure remains, contact ECMC Engineer for an update to plugging orders.</p> <p>4) Pump surface casing shoe plug only after isolation has been verified. If surface casing cement is not circulated to surface, shut-in, WOC 4 hours then tag plug</p> <p>5) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation.</p> <p>6) After surface plug and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging. 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>7) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.</p> <p>8) If open hole size is determined to be larger than 7", increase the cement volume for plug 1</p>
	<p>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.</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>Historical single casing string may not allow for a BH test</p>
	<p>Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.</p>
5 COAs	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
2269126	CPW correspondence email
2598000	WELLBORE DIAGRAM
403997510	FORM 6 INTENT SUBMITTED

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
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.	12/02/2024
OGLA	Well is in a CPW mapped Mule Deer Severe Winter Range and Winter Concentration Area Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the Operator is strongly encouraged to avoid them between December 1 through April 30.	12/02/2024
OGLA	This oil and gas location is within 0.5-mile of a CPW-mapped bald eagle nest site buffer Rule 309.e.(1) consultation habitat. CPW may choose to consult on this planned P&A to develop site specific measures to avoid, minimize, and mitigate impacts to wildlife prior to conducting the work. Please note that non-emergency plugging and abandonment (PA) activities should not take place from December 15 to March 15. CPW was notified via email of this project on 12/18/2024. CPW declined consultation and expressed no concerns over the Plug and Abandon work occurring.	12/02/2024
Engineer	Inspector identified MV Smith 30 as having gurgling and measured venting gas. DOC 700404955 shows FLIR video Historical document 63622 reports well was abandoned in 1973 by filling hole with loose shale There are no domestic water wells within 1 mile There is no offset injection with 1 mile There is no production data for this well This is a historical well with little information and documentation available Consulted engineering supervisor to add squeeze plug due to lack of annular cement Uploaded updated plugging procedure and made respective updates to Form 6 plugging details Operator plans to run CBL prior to cementing operations	12/02/2024
Permit	No other forms in process. Confirmed productive interval docnum: 63626. No delinquent production reports found. Reviewed WBDs. Pass.	11/19/2024

Total: 5 comment(s)