



<div>FORM</div> <div>6</div> <div>Rev 11/20</div>	<div>State of Colorado</div> <div>Energy &amp; 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>Document Number: 403987782</div> <div>Date Received: 11/08/2024</div>																		
<div><div>ECMC Operator Number: 47120</div><div>Contact Name: Lorena Ruiz</div><div>Name of Operator: KERR MCGEE OIL &amp; GAS ONSHORE LP</div><div>Phone: (970) 336-3535</div><div>Address: P O BOX 173779</div><div>Fax:</div><div>City: DENVER State: CO Zip: 80217-</div><div>Email: lorena_ruiz@oxy.com</div><div><div>For "Intent" 24 hour notice required,</div><div>Name: Revas, Robbie</div><div>Tel: (720) 661-7242</div><div>ECMC contact:</div><div>Email: robbie.revas@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 05-123-20557-00</div><div>Well Name: HRS-GARDNER Well Number: 13-11</div><div>Location: QtrQtr: SWSW Section: 11 Township: 2N Range: 67W Meridian: 6</div><div>County: WELD Federal, Indian or State Lease Number:</div><div>Field Name: WATTENBERG Field Number: 90750</div></div>																					
<div><div>Only Complete the Following Background Information for Intent to Abandon</div><div><div>Latitude: 40.146600 Longitude: -104.865390</div><div>GPS Data: GPS Quality Value: 2.4 Type of GPS Quality Value: PDOP Date of Measurement: 09/12/2006</div><div>Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems</div><div><input type="checkbox"/> Other</div><div>Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Estimated Depth: 1400</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>																					
<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>CODELL</td><td>7540</td><td>7560</td><td></td><td></td><td></td></tr><tr><td>J SAND</td><td>7964</td><td>8012</td><td></td><td></td><td></td></tr></table><div>Total: 2 zone(s)</div></div>				Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth	CODELL	7540	7560				J SAND	7964	8012			
Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth																
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<div>Casing History</div>																					

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	J-55	24	0	683	475	683	0	VISU
1ST	7+7/8	4+1/2	I-80	11.6	0	8099	270	8099	6670	CBL
S.C. 1.1						5374	330	5374	4156	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7900 with 2 sacks cmt on top. CIBP #2: Depth 7500 with 2 sacks cmt on top.  
CIBP #3: Depth 300 with 90 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 5 sks cmt from 7029 ft. to 6965 ft. Plug Type: CASING Plug Tagged: ☐  
Set 5 sks cmt from 4271 ft. to 4210 ft. Plug Type: CASING Plug Tagged: ☐  
Set 10 sks cmt from 1760 ft. to 1635 ft. Plug Type: CASING Plug Tagged: ☐  
Set 90 sks cmt from 300 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 7079 ft. with 95 sacks. Leave at least 100 ft. in casing 7029 CICR Depth  
Perforate and squeeze at 4321 ft. with 95 sacks. Leave at least 100 ft. in casing 4271 CICR Depth  
Perforate and squeeze at 2200 ft. with 150 sacks. Leave at least 100 ft. in casing 1760 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 325 sacks half in. half out surface casing from 1450 ft. to 633 ft. Plug Tagged: ☐

Set 90 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:

**Signage for P&As:**

Prior to commencing operations, Kerr McGee will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the Operator's contact information. Signs will be placed so as not to create a potential traffic hazard.

**Notifications:**

Courtesy notifications will be sent to all parcel owners with building units within 1,500 feet of the location letting them know about out plugging and abandonment operations and providing contact information for Kerr McGee's response line and online resources.

**Wellbore Pressure:**

In some cases, wellbore pressure drawdown operations may occur approximately 1-2 days prior to Move In Rig Up (MIRU) of the workover rig. This is conducted to allow for reduced time that the workover rig is needed on location. These operations will be conducted in accordance with Form 4 and/or Form 6 requirements.

**Water:**

Water will be placed on dirt access roads to mitigate dust as needed.

**Lighting:**

Operations are daylight-only; no lighting impacts are anticipated from operations.

**Noise:**

Operations will be in compliance with Table 423-1 requirements. Based off the rig sound signature, rig orientation will be considered to reduce noise levels to nearby building units.

**Environmental Concerns:**

This location was reviewed using a desktop method to review publicly available wildlife data (including CPW & ECMC data) as well as internal wildlife datasets and aerial imagery. All field personnel are trained to identify wildlife risks and raise concerns noticed during operations with the KMOG Health, Safety, and Environment (HSE) department.

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

Signed: \_\_\_\_\_ Print Name: Lorena Ruiz  
Title: Regulatory Tech Date: 11/8/2024 Email: lorena\_ruiz@oxy.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: JENKINS, STEVE Date: 11/15/2024

**CONDITIONS OF APPROVAL, IF ANY LIST**

Expiration Date: 5/14/2025

<b><u>COA Type</u></b>	<b><u>Description</u></b>
	<p><b>FLOWLINE AND SITE CLOSURE</b></p> <p>1) Consistent with Rule 911.a, a Form 27 must be approved prior to cut and cap, conducting flowline abandonment, or removing production equipment. Allow 30 days for Director review of the Form 27; include the Form 27 document number on the Form 44 for offsite flowline abandonment (if applicable) and on the Form 6 Subsequent.</p> <p>2) Properly abandon flowlines per Rule 1105. If flowlines will be abandoned in place, include with the Form 27: pressure test results conducted in the prior 12 months as well as identification of any document numbers for a ECMC Spill/Release Report, Form 19, associated with the abandoned line.</p>

	<p>1) Provide 2 business day notice of plugging MIRU via electronic Form 42, and provide 48 hours Notice of Plugging Operations, prior to mobilizing for plugging operations via electronic Form 42. These are 2 separate notifications, required by Rules 405.e and 405.I.</p> <p>2) Prior to placing the 1450' plug: verify that all fluid migration (liquid and gas) has been eliminated. If evidence of fluid migration or pressure remains, contact ECMC Engineer for an update to plugging orders.</p> <p>3) After isolation has been verified, pump surface casing shoe plug. If cement is not circulated to surface, shut-in, WOC 4 hours then tag plug – must be at 633' or shallower and provide 10 sx plug at the surface.</p> <p>4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation.</p> <p>5) After surface plug 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 6SRA which method was used and what was observed. Retain records of final isolation test for 5 years.</p> <p>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.</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>Due to proximity to a mapped wetland and surface water, 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>Due to close proximity to Residential Building Units (RBUs), prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of the RBUs within 1000 feet of the wellhead. The sheet will include the operator's contact information and the nature, timing, and expected duration of the P&amp;A operations. Operator will implement measures to capture, combust, or control emissions to protect health and safety, and to ensure that vapors, odors and noise from plugging operations do not constitute a nuisance or hazard to public health, welfare and the environment.</p>

	<p>Operator committed to the following Best Management Practices under the Technical Detail/ Comments section on the Submit Tab:</p> <p>Signage for P&amp;As: Prior to commencing operations, Kerr McGee will post signs in conspicuous locations. The signs will indicate plugging and abandonment operations are being conducted, the well name, well, and the Operator's contact information. Signs will be placed so as not to create a potential traffic hazard.</p> <p>Notifications: Courtesy notifications will be sent to all parcel owners with building units within 1,500 feet of the location letting them know about out plugging and abandonment operations and providing contact information for Kerr McGee's response line and online resources.</p> <p>Wellbore Pressure: In some cases, wellbore pressure drawdown operations may occur approximately 1-2 days prior to Move In Rig Up (MIRU) of the workover rig. This is conducted to allow for reduced time that the workover rig is needed on location. These operations will be conducted in accordance with Form 4 and/or Form 6 requirements.</p> <p>Water: Water will be placed on dirt access roads to mitigate dust as needed.</p> <p>Lighting: Operations are daylight-only; no lighting impacts are anticipated from operations.</p> <p>Noise: Operations will be in compliance with Table 423-1 requirements. Based off the rig sound signature, rig orientation will be considered to reduce noise levels to nearby building units.</p> <p>Environmental Concerns: This location was reviewed using a desktop method to review publicly available wildlife data (including CPW &amp; ECMC data) as well as internal wildlife datasets and aerial imagery. All field personnel are trained to identify wildlife risks and raise concerns noticed during operations with the KMOG Health, Safety, and Environment (HSE) department.</p>
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6 COAs

#### ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403987782	FORM 6 INTENT SUBMITTED
403987804	WELLBORE DIAGRAM
403987807	PROPOSED PLUGGING PROCEDURE

Total Attach: 3 Files

#### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	1) Deepest Water Well within 1 mile = 568'. 2) Fox Hills Bottom- 536', per SB5.	11/15/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH.	11/15/2024
Permit	selected PDOP from dropdown box Verified as drilled lat/long Verified completed intervals - 7103562, 421997 Verified production reporting pass	11/12/2024

Total: 3 comment(s)