

<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></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: 403949608</div> <div>Date Received: 10/08/2024</div>	

WELL ABANDONMENT REPORT

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.

ECMC Operator Number: 47120		Contact Name: Lorena Ruiz	
Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP		Phone: (970) 336-3535	
Address: P O BOX 173779		Fax:	
City: DENVER	State: CO	Zip: 80217-	Email: lorena_ruiz@oxy.com
For "Intent" 24 hour notice required,		Name: Santistevan, Brittani	Tel: (720) 471-1110
ECMC contact:		Email: brittani.santistevan@state.co.us	

Type of Well Abandonment Report: ☒ Notice of Intent to Abandon ☐ Subsequent Report of Abandonment

API Number 05-123-08120-00		Well Number: 1	
Well Name: EUGENE D MUSE GAS UNIT			
Location: QtrQtr: NWSW	Section: 18	Township: 2N	Range: 65W Meridian: 6
County: WELD	Federal, Indian or State Lease Number:		
Field Name: WATTENBERG	Field Number: 90750		

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.135128	Longitude: -104.711398
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 RE-ENTRY	
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

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
MUDDY J	7858	7892	03/25/1975	CEMENT	6950
Total: 1 zone(s)					

Casing History

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	209	175	209	0	VISU
1ST	7+7/8	4+1/2	I-80	11.6	0	8011	200	8011	7211	CALC
				Stage Tool		896	200	896	0	CALC

Date Run: 10/15/2024 Doc [#403949608] Well Name: EUGENE D MUSE GAS UNIT 1

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## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 105 with 10 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 15 sks cmt from 6460 ft. to 6270 ft. Plug Type: CASING Plug Tagged: ☐  
Set 15 sks cmt from 3830 ft. to 3640 ft. Plug Type: CASING Plug Tagged: ☐  
Set 15 sks cmt from 1360 ft. to 1170 ft. Plug Type: CASING Plug Tagged: ☐  
Set 35 sks cmt from 570 ft. to 159 ft. Plug Type: CASING Plug Tagged: ☐  
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged: ☐

Perforate and squeeze at 6900 ft. with 150 sacks. Leave at least 100 ft. in casing 6460 CICR Depth  
Perforate and squeeze at 4270 ft. with 195 sacks. Leave at least 100 ft. in casing 3830 CICR Depth  
Perforate and squeeze at 2000 ft. with 210 sacks. Leave at least 100 ft. in casing 1360 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 Number of Days from Setting Surface Plug  
Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_ 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:

**Additional Plugging Info:**

Perforate and squeeze at 600 ft. with 95 sacks. Leave at least 100 ft. in casing 570 CICR Depth (Cast Iron Cement Retainer)

**BMPs**

**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: 10/8/2024 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: 10/15/2024

**CONDITIONS OF APPROVAL, IF ANY LIST**

Expiration Date: 4/14/2025

COA Type	Description
	Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.
	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>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 507' 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 159' 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>Due to proximity to surface water, Operator will review the stormwater program and implement stormwater BMPs and erosion control measures as needed to prevent fine-grained sediment and impacted stormwater runoff from entering surface water.</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>
5 COAs	

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
403949608	FORM 6 INTENT SUBMITTED
403949652	LOCATION PHOTO
403949653	PROPOSED PLUGGING PROCEDURE
403949654	SURFACE OWNER CONSENT
403949655	WELLBORE DIAGRAM
403949656	WELLBORE DIAGRAM

Total Attach: 6 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
Permit	No other forms in process. Confirmed productive interval per docnum: 78024. Corrected formation per scout card. Reviewed attachments. Pass.	10/15/2024
Engineer	1) Deepest Water Well within 1 mile = 748'. 2) Fox Hills Bottom- 835', per SB5. 3) Lower Arapahoe Bottom- 145', per SB5.	10/15/2024
Engineer	This is a re-entry of an already plugged and abandoned well. There are no flowlines to remove/abandon, and no Bradenhead to test.	10/15/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH and no nearby RBUs. Task passed.	10/15/2024

Total: 4 comment(s)