FORM 6 Rev 11/20

State of Colorado
Energy & Carbon Management Commission

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Document Number: 403686325

Date Received: 04/17/2024

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, ECMC contact: Name: Revas, Robbie Tel: (720) 661-7242 Email: robbie.revas@state.co.us

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

API Number 05-123-19611-00

Well Name: HSR-ELTON MILLER Well Number: 3-7A

Location: QtrQtr: NENW Section: 7 Township: 2N Range: 66W Meridian: 6

County: WELD Federal, Indian or State Lease Number: NRM 912

Field Name: WATTENBERG Field Number: 90750

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.157930 Longitude: -104.822400

GPS Data: GPS Quality Value: 1.8 Type of GPS Quality Value: Date of Measurement: 10/31/2006

Reason for Abandonment: ☐ Dry ☒ Production Sub-economic ☐ Mechanical Problems

☐ Other

Casing to be pulled: ☒ Yes ☐ No Estimated Depth: 1600

Fish in Hole: ☐ Yes ☒ No If yes, explain details below

Wellbore has Uncemented Casing leaks: ☐ Yes ☒ No If yes, explain details below

Details:

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
J SAND	7775	7840			

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	838	655	838	0	VISU
1ST	7+7/8	4+1/2	L-80	11.6	0	8127	295	8127	6726	CBL
S.C. 1.1						4673	155	4674	3950	CBL

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7720 with 2 sacks cmt on top. CIBP #2: Depth 260 with 80 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 10 sks cmt from 7034 ft. to 6865 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 4265 ft. to 4065 ft. Plug Type: CASING Plug Tagged: ☐

Set 15 sks cmt from 1960 ft. to 1760 ft. Plug Type: CASING Plug Tagged: ☐

Set 80 sks cmt from 260 ft. to 0 ft. Plug Type: CASING Plug Tagged: ☐

Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged: ☐

Perforate and squeeze at 7094 ft. with 90 sacks. Leave at least 100 ft. in casing 7034 CICR Depth

Perforate and squeeze at 4325 ft. with 85 sacks. Leave at least 100 ft. in casing 4265 CICR Depth

Perforate and squeeze at 2700 ft. with 240 sacks. Leave at least 100 ft. in casing 1960 CICR Depth

(Cast Iron Cement Retainer Depth)

Set 360 sacks half in. half out surface casing from 1650 ft. to 788 ft. Plug Tagged: ☐

Set 80 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:

Eagle Buffer:
This planned location is located within a bald eagle buffer. Operations will need to be completed outside the timing windows of 12/1 – 7/31 (eagle nest) and/or 11/15 – 3/15 (winter night roost). The eagle nest buffer window can be shortened if the nest has been confirmed fledge for the year by CPW. If work, is planned during either window, HSE will consult with CPW prior to operations beginning. CPW CONSULTATION HAS BEEN COMPLETED.

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: 4/17/2024 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: 4/22/2024

CONDITIONS OF APPROVAL, IF ANY LIST Expiration Date: 10/21/2024

COA Type	Description
	This oil and gas location is within a CPW-mapped bald eagle roost or communal roost 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 November 15 to March 15. Consultation with CPW has occurred, and evidence has been submitted. Provide any operator BMPs that are the result of that consultation.
	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.
	Operator committed to the following Best Management Practices under the Technical Detail/Comments section on the Submit Tab: Eagle Buffer: This planned location is located within a bald eagle buffer. Operations will need to be completed outside the timing windows of 12/1 – 7/31 (eagle nest) and/or 11/15 – 3/15 (winter night roost). The eagle nest buffer window can be shortened if the nest has been confirmed fledge for the year by CPW. If work, is planned during either window, HSE will consult with CPW prior to operations beginning. CPW CONSULTATION HAS BEEN COMPLETED.
	FLOWLINE AND SITE CLOSURE 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. 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.
	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. 2) Prior to placing the 1650’ 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. 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 788’ or shallower and provide 10 sx plug at the surface. 4) Leave at least 100’ of cement in the wellbore for each plug without mechanical isolation. 5) After cut 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. 6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.
	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.
	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. 1) If, before opening the Bradenhead valve, the beginning pressure is greater than 25 psi, sampling is required. 2) If pressure remains at the conclusion of the test, or if any liquids were present during the test, sampling is required. 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.

7 COAs

ATTACHMENT LIST

Att Doc Num	Name
403686325	FORM 6 INTENT SUBMITTED
403686360	WELLBORE DIAGRAM
403686363	PROPOSED PLUGGING PROCEDURE
403757334	OTHER

Total Attach: 4 Files

General Comments

User Group	Comment	Comment Date
OGLA	Location Assessment Specialist (LAS) review completed. Well is not nearby RBUs. Task passed.	04/18/2024
Engineer	1) Deepest Water Well within 1 mile = 540'. 2) Fox Hills Bottom- 490', per SB5.	04/17/2024
Permit	Confirmed as-drilled well location. Production reporting up-to-date. No other forms in process. Confirmed productive interval docnum: 87679. Reviewed WBD and procedure. Pass.	02/27/2024

Total: 3 comment(s)