

<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>403648134</div> <div>Date Received:</div> <div>01/09/2024</div>																																				
<div>WELL ABANDONMENT REPORT</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>OGCC Operator Number: 100322</div><div>Contact Name: Gavin Snyder</div><div>Name of Operator: NOBLE ENERGY INC</div><div>Phone: (970) 518-6078</div><div>Address: 2001 16TH STREET SUITE 900</div><div>Fax:</div><div>City: DENVER State: CO Zip: 80202</div><div>Email: gavinsnyder@chevron.com</div></div><div><div>For "Intent" 24 hour notice required,</div><div>Name: Burns, Adam</div><div>Tel: (970) 218-4885</div><div>COGCC contact:</div><div>Email: adam.m.burns@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><div>API Number 05-123-17733-00</div><div>Well Name: LOCKMAN</div><div>Location: QtrQtr: SWSE Section: 10 Township: 4N Range: 64W Meridian: 6</div><div>County: WELD</div><div>Field Name: WATTENBERG</div></div><div><div>Well Number: 10-1514</div><div>Federal, Indian or State Lease Number: 59165</div><div>Field Number: 90750</div></div></div>																																					
<div>Only Complete the Following Background Information for Intent to Abandon</div> <div><div><div>Latitude: 40.321720</div><div>Longitude: -104.533640</div><div>GPS Data: GPS Quality Value: 1.8</div><div>Type of GPS Quality Value: PDOP</div><div>Date of Measurement: 09/19/2006</div></div><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><div>Casing to be pulled: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div><div>Estimated Depth: 701</div><div>Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div><div>If yes, explain details below</div><div>Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div><div>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>6764</td><td>6778</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	CODELL	6764	6778																								
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Date Run: 1/30/2024 Doc [#403648134] Well Name: LOCKMAN 10-1514

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Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6670 with 2 sacks cmt on top. CIBP #2: Depth 6450 with 2 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 20 sks cmt from 2117 ft. to 1717 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 2217 ft. with 190 sacks. Leave at least 100 ft. in casing 2117 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 180 sacks half in. half out surface casing from 701 ft. to 0 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:

3rd party wildlife surveys will be conducted on this well prior to rigging up for P&A activities.

Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&A start date.

Please be aware that Form 6 Approval can predate actual rig work by up to several months and that environmental conditions can change quickly over that time. Chevron's Environmental Site Screening Process incorporates full environmental field clearances within 7 days of a scheduled well-work activity once the well is added to the active workover rig schedule. Should sensitive HPH conditions be identified during the screening process, Chevron will delay the work until conditions (nesting) clear and/or consult directly with CPW for guidance and discussion of potential mitigation measures that may be incorporated.

CPW consult not required.

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

Signed: _____ Print Name: Sharon Strum

Title: Lead Wells Technical Asst Date: 1/9/2024 Email: sharon.strum@chevron.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: McFarland, Nick Date: 1/30/2024

CONDITIONS OF APPROVAL, IF ANY: _____

Expiration Date: 7/29/2024

COA Type	Description
	<p>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>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>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>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) Historic CBL is not in ECMC records. Prior to MIRU, provide ECMC engineering with a copy of the historic CBL for verification of plugging orders.</p> <p>3) After placing the squeeze at 2217' 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>4) Prior to placing cement above the base of the Upper Pierre (1365') : 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>5) 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 – must be at 451' or shallower and provide a minimum of 10 sx plug at the surface.</p> <p>6) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation.</p> <p>7) 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.</p> <p>8) 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 of plugging and abandonment (P&A) operations to BUs, operator will comply with Table 423 Maximum Permissible Noise Levels for residential land use. Prior to initiating work, operator will install temporary sound walls, straw bales, or other BMPs to dampen noise if necessary for compliance.</p> <p>Operator will implement measures to capture, combust, or control emissions 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 health, welfare and the environment. Due to the proximity of residential building units (RBUs) all blowdown gasses will be controlled.</p>
	<p>Due to proximity to a wetland, surface water, or 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>Operator provided COAs: 3rd party wildlife surveys will be conducted on this well prior to rigging up for P&A activities. Should sensitive HPH conditions be identified during the screening process, Chevron will delay the work until conditions (nesting) clear and/or consult directly with CPW for guidance and discussion of potential mitigation measures that may be incorporated.</p> <p>Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&A start date.</p>
7 COAs	

Attachment List

<u>Att Doc Num</u>	<u>Name</u>
403648134	FORM 6 INTENT SUBMITTED
403648426	WELLBORE DIAGRAM
403648427	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	<p>1/15/23 - BH test 5 psi. PR as of November 2023.</p> <p>SB5 Base of Fox Hills: 270'</p> <p>Deepest Water Well Within One Mile: 335' Number of Wells: 48</p> <p>UPA Base 1365' - Induction Log</p> <p>Production within one mile: JSND, CODL, NBRR</p>	01/30/2024
OGLA	OGLA review is complete.	01/30/2024
Permit	<p>- Verified as drilled Lat/Long - Verified Completed Interval (143762, 1334512) - Verified production reporting</p> <p>Permit Review Complete</p>	01/10/2024

Total: 3 comment(s)