

FORM 6 <small>Rev 11/20</small>	State of Colorado Energy & Carbon Management Commission <small>1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109</small>				DE	ET	OE	ES												
	Document Number: 403834672																			
	Date Received: 06/25/2024																			
WELL ABANDONMENT REPORT																				
<div style="border: 1px solid black; padding: 5px; font-size: 0.9em;"><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>																				
ECMC Operator Number: 100322					Contact Name: Charles Schendzielos															
Name of Operator: NOBLE ENERGY INC					Phone: (970) 342-6667															
Address: 1099 18TH STREET SUITE 1500					Fax:															
City: DENVER State: CO Zip: 80202					Email: charles.schendzielos@chevron.com															
For "Intent" 24 hour notice required,					Name: Petrie, Erica		Tel: (303) 726-3822													
ECMC contact:					Email: erica.petrie@state.co.us															
Type of Well Abandonment Report: <input checked="" type="checkbox"/> Notice of Intent to Abandon <input type="checkbox"/> Subsequent Report of Abandonment																				
API Number 05-123-33945-00																				
Well Name: PTASNIK FEDERAL PC					Well Number: LC33-68HN															
Location: QtrQtr: NWNW Section: 33 Township: 9N Range: 59W Meridian: 6																				
County: WELD Federal, Indian or State Lease Number:																				
Field Name: DJ HORIZONTAL NIOBRARA Field Number: 16950																				
<i>Only Complete the Following Background Information for Intent to Abandon</i>																				
Latitude: 40.713380 Longitude: -103.991520																				
GPS Data: GPS Quality Value: 4.2 Type of GPS Quality Value: PDOP Date of Measurement: 06/14/2012																				
Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production Sub-economic <input type="checkbox"/> Mechanical Problems																				
<input type="checkbox"/> Other																				
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																				
<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th style="width:30%;">Formation</th><th style="width:10%;">Perf. Top</th><th style="width:10%;">Perf. Btm</th><th style="width:20%;">Abandoned Date</th><th style="width:20%;">Method of Isolation</th><th style="width:10%;">Plug Depth</th></tr></thead><tbody><tr><td>NIOBRARA</td><td>6604</td><td>10359</td><td></td><td></td><td></td></tr></tbody></table>									Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth	NIOBRARA	6604	10359			
Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth															
NIOBRARA	6604	10359																		
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
CONDUCTOR	20	16	J55	75	0	130	160	130	0	VISU
SURF	13+1/2	9+5/8	J55	36	0	628	279	628	0	VISU
1ST	8+3/4	7	P110	26	0	6505	530	6505	1125	CBL
1ST LINER	6+1/8	4+1/2	P110	11.6	6404	10449				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6063 with 20 sacks cmt on top. CIBP #2: Depth 2478 with 20 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 1480 ft. to 1380 ft. Plug Type: CASING Plug Tagged: ☐
Set 155 sks cmt from 829 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: ☐

Perforate and squeeze at 829 ft. with 130 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
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 Number of Days from Setting Surface Plug to Capping or Sealing the Well: _____
Surface Plug Setting Date: _____ Cut and Cap Date: _____

*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

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: Wolfe, Stephen

Date: 7/14/2024

CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 1/13/2025

COA Type	Description
	<p>Bradenhead Testing</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>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>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>Plugging</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.</p> <p>2) Plugs and squeezes will be placed as stated in the Plugging Procedure section of the approved NOIA unless revised by COA or prior approval from ECMC is obtained.</p> <p>3) The wellbore must be static prior to placing cement plugs which are to be a minimum of 100' in length for all but surface plugs. Mechanical isolation requires a 25' cement plug, minimum. For plugs not specified to be tagged, a tag is required if circulation is not maintained while pumping plug and displacing to depth. Wait on cement(WOC) a minimum of 4 hrs before tagging a plug. Tag at tops specified. Notify ECMC Area Engineer before adding cement to previous plug due to low cement top.</p> <p>4) Place a 50' plug (minimum) at the surface, both inside the inner most casing and in all annular spaces. Surface plugs shall be circulated to surface. Confirm cement to surface and complete isolation in all strings during cut and cap. After cut and prior to cap, verify isolation by either a 15 minute bubble test or 15 minute optical gas imaging observation. 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>5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.</p> <p>6) Operator must wait a sufficient time on all plugs to achieve the intended design. If at any time during the plugging there is evidence of previously unreported pressure or fluid migration, contact ECMC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows, Plug #1 - 6063', CIBP with 20 sx of cement on top, Plug #2 - 2478', CIBP with 20 sx of cement on top, Plug #3 - 1480', 20 sx casing plug, Note: Plug added by ECMC, Plug #4 - 829', perf and circulate 285 sx of cement to the surface, WOC and tag, Plug #5 - 50' of cement at the surface in both the casing and the annulus per COA #4.</p>
	<p>Operator committed to the following Best Management Practices under the Technical Detail/ Comments section on the Submit Tab:</p> <p>3rd party wildlife surveys will be conducted on this well prior to rigging up for P&A activities.</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> <p>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.</p>
6 COAs	

ATTACHMENT LIST

<u>Att Doc Num</u>	<u>Name</u>
403834672	FORM 6 INTENT SUBMITTED
403834741	WELLBORE DIAGRAM
403834742	WELLBORE DIAGRAM

Total Attach: 3 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Aquifer=Laramie-Fox Hills, Upper Pierre Deepest water well=1060'(2mi, 26 records) Log=123-07092 6/27/69 GR=4851 L-FH base 440', UP 870-1430'	07/12/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH, not near surface waters or wetlands, and no nearby RBUs. Task passed.	07/02/2024
Permit	Confirmed as-drilled well location. No other forms in process. Production reporting delinquent. Missing 5/2012, 6/2012. Confirmed productive intervals docnum: 400311247. Reviewed WBDs. Pass.	06/27/2024

Total: 3 comment(s)