

**Replug By Other Operator**

Document Number:  
403941593

Date Received:  
10/01/2024

**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: 100322 Contact Name: Greg Deronde

Name of Operator: NOBLE ENERGY INC Phone: (720) 315-2038

Address: 1099 18TH STREET SUITE 1500 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80202 Email: greg.deronde@chevron.com

**For "Intent" 24 hour notice required,** Name: Burns, Adam Tel: (970) 218-4885

**ECMC contact:** Email: adam.m.burns@state.co.us

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

API Number 05-123-05142-00

Well Name: STATE Well Number: 1

Location: QtrQtr: SENW Section: 16 Township: 4N Range: 63W Meridian: 6

County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_

Field Name: WILDCAT Field Number: 99999

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.313777 Longitude: -104.445291

GPS Data: GPS Quality Value: 1.2 Type of GPS Quality Value: PDOP Date of Measurement: 02/19/2024

Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems

Other re-enter to re-plug

Casing to be pulled:  Yes  No Estimated Depth: \_\_\_\_\_

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

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

Details: fish - 16 jts drill pipe 7356'-7885'

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth

Total: 0 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	10+3/4	NA	32.75	0	425		425	0	VISU
OPEN HOLE	9+3/4					7885				

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth \_\_\_\_\_ with \_\_\_\_\_ 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 238 sks cmt from 6500 ft. to 6000 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 238 sks cmt from 3500 ft. to 3000 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 143 sks cmt from 2300 ft. to 2000 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 305 sks cmt from 625 ft. to 0 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

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

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

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:

Purpose is to re-enter and adequately re-plug prior to hydraulic fracturing. A closed loop system will be used.

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.

**Procedure**

- 1 NU flange adaptor.
- 2 MIRU. Conduct pre-job safety meeting.
- 3 Complete a Form 17 Bradenhead Test.
- 4 Kill well with 8.3 ppg fresh water. Consult Engineer if unable to kill well with FW.
- 5 Verify well is static. Flow check well for 15 minutes. N/U 5K 9" BOP (or larger): 2.875" pipe rams and blind rams. Adapter will be needed from WH to BOP.
- 6 Pressure test BOP connection. Bleed pressure.
- 7 RU Power swivel
- 8 PU Drillout BHA (tri-cone bit, bit sub, drill collars, tubing).
- 9 RIH to TOC, mill to 400'. Pressure test surface casing against cement plug at 400' to 300 psi for 15 minutes 5% decrease allowed. This is to verify surface casing has integrity.
- 10 RIH and mill through surface shoe plug, est BOC is 430'.
- 11 RIH to 3500'
- 12 Circulate 2X bottoms up
- 13 POOH, L/D BHA
- 14 RIH to 3500' open ended.
- 15 Establish circulation. Pump 10bbbls Chemical Wash followed by 238 sks of cement, plug from 3500'-3000'. Displace with fresh water to balance plug.
- 16 POOH w/ tubing to 2900' and reverse circulate until clean returns observed.
- 17 POOH w/ tubing to 2300'.
- 18 Pump 10bbbls Chemical Wash followed by 143 sks of cement, plug from 2300'-2000'. Displace with fresh water to balance plug.
- 19 POOH w/ tubing to 1750' and reverse circulate until clean returns observed.
- 20 POOH w/ tubing to 625'.
- 21 Pump 305 sacks of cement to surface.
- 22 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 23 ND BOP.
- 24 RDMO.

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: 10/1/2024 Email: sharon.strum@chevron.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: McFarland, Nick Date: 10/7/2024

**CONDITIONS OF APPROVAL, IF ANY LIST**

Expiration Date: 4/6/2025

<b>COA Type</b>	<b>Description</b>
	If unable to wash down after drilling out plugs previously set, stop and contact ECMC engineer for an update to the plugging procedure.
	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 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.i.</p> <p>2) Prior to placing cement above the base of the Upper Pierre (1560') : 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>3) 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 375' or shallower and provide a minimum of 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>
	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>Operator committed to the following Best Management Practices under the Technical Detail/ Comments section on the Submit Tab: 3rd party wildlife surveys will be conducted on this well prior to rigging up for P&amp;A activities.</p> <p>Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&amp;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>
5 COAs	

**ATTACHMENT LIST**

<b>Att Doc Num</b>	<b>Name</b>
403941593	FORM 6 INTENT SUBMITTED
403941700	WELLBORE DIAGRAM
403941701	WELLBORE DIAGRAM
403941704	LOCATION PHOTO
403941714	SURFACE AGRMT/SURETY

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Added 500' plug from 6500' - 6000' after consultation with operator.	10/07/2024
Engineer	Re-entry P&A. Offset option 3 to the Noble Guttersen State CC APD's.  SB5 Base of Fox Hills: 448'  Deepest Water Well Within One Mile: 300' Number of Wells: 1  UPA Base 1560' - Offset Induction Log (123-21090)  Production within one mile: JSND, CODL, NBRR	10/07/2024
Permit	- Verified GPS (Measurement taken 2/19/2024) - Closed Loop System to be used - Re-Entry/Re-Plugging Procedure described in Technical Detail/Comments - SUA signed and attached - Current/Proposed WBD attached - Current Site Photos attached  Permit Review Complete	10/04/2024
OGLA	Location Assessment Specialist (LAS) review complete. Well is not near RBUs.	10/04/2024
OGLA	Well is in a CPW mapped Pronghorn Winter Concentration Area High Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the operator is strongly encouraged to avoid them from January 1 through April 30.	10/04/2024

Total: 5 comment(s)