

**Replug By Other Operator**

Document Number:  
404008142

Date Received:  
11/26/2024

**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: Evins, Bret Tel: (970) 420-6699  
 Email: bret.evins@state.co.us

**ECMC contact:** \_\_\_\_\_

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

API Number 05-123-14810-00  
 Well Name: GRADY Well Number: 1  
 Location: QtrQtr: SWNW Section: 8 Township: 6N Range: 64W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: GREELEY Field Number: 32760

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

Latitude: 40.502284 Longitude: -104.581667  
 GPS Data: GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: \_\_\_\_\_ Date of Measurement: \_\_\_\_\_

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: \_\_\_\_\_

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
NOT COMPLETED					
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	NA	24	0	265	107	265	0	VISU
OPEN HOLE	7				265	7205				

## 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 193 sks cmt from 2500 ft. to 2000 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 232 sks cmt from 660 ft. to 0 ft. Plug Type: OPEN HOLE 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 \_\_\_\_\_ 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 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:

The GPS measurement will be taken and submitted with the form 6S.

The purpose is to re-enter and adequately re-plug prior to hydraulic fracturing treatment of a proposed well.

A closed loop system will be used.

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 through surface plug, wash down to surface shoe plug, estimated TOC at 187'. Pressure test surface casing against cement plug at 187' 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 280'.
- 11 LD power swivel.
- 12 Wash down to 2500'.
- 13 Circulate 2X bottoms up
- 14 POOH, L/D BHA
- 15 RIH to 2500' open ended.
- 16 Establish circulation. Pump 10bbbls Chemical Wash followed by 193 sks of cement, plug from 2500'-2000'. Displace with fresh water to balance plug.
- 17 POOH w/ tubing to 1718' and reverse circulate until clean returns observed.
- 18 POOH w/ tubing to 660'.
- 19 Pump 232 sacks of cement to surface.
- 20 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 21 ND BOP.
- 22 RDMO.

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: 11/26/2024 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: JENKINS, STEVE Date: 11/27/2024

**CONDITIONS OF APPROVAL, IF ANY LIST**

Expiration Date: 5/26/2025

COA Type	Description
	<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 of plugging and abandonment (P&amp;A) operations to BUs, operator will comply with Table 423 Maximum</p> <p>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>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>Due to close proximity to Residential Building Units (RBUs), prior to commencing operations, at a minimum, the operator will provide an informational sheet to the owners/occupants of the RBUs nearby and adjacent to the parcel with the well. The sheet will include the operator's contact information and the nature, timing, and expected duration of the P&amp;A operations.</p>
	<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>
	<p>Submit "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.</p>
	<ol style="list-style-type: none"> <li>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.</li> <li>2) Prior to placing the 660' 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.</li> <li>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 215' or shallower and provide 10 sx plug at the surface.</li> <li>4) Leave at least 100' of cement in the wellbore for each plug without mechanical isolation.</li> <li>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.</li> <li>6) With the Form 6 SRA operator must provide written documentation which positively affirms each COA listed above has been addressed.</li> </ol>
4 COAs	

**ATTACHMENT LIST**

<b>Att Doc Num</b>	<b>Name</b>
404008142	FORM 6 INTENT SUBMITTED
404008302	SURFACE AGRMT/SURETY
404008304	LOCATION PHOTO
404008305	WELLBORE DIAGRAM
404008308	WELLBORE DIAGRAM

Total Attach: 5 Files

**General Comments**

<b>User Group</b>	<b>Comment</b>	<b>Comment Date</b>
OGLA	Location Assessment Specialist (LAS) review complete. Well is not near surface waters or wetlands. Task passed.	11/27/2024
OGLA	Well is in a CPW mapped Mule Deer Severe Winter Range High Priority Habitat. Although plugging and abandonment operations with heavy equipment will be allowed, the Operator is strongly encouraged to avoid them between December 1 through April 30.	11/27/2024
Permit	No other forms in process. Reviewed attachments. Pass.	11/26/2024
Engineer	1) Deepest Water Well within 1 mile = 460'. 2) Fox Hills Bottom- N/A, per SB5	11/26/2024
Engineer	This is a re-entry of an already plugged and abandoned well. There is no Bradenhead to test, or any flowlines to remove/abandon.	11/26/2024

Total: 5 comment(s)