

**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: 83130 Contact Name: Shawn Reed  
 Name of Operator: STRACHAN EXPLORATION INC Phone: (303) 5626530  
 Address: 992 S 4TH AVE SUITE 100-461 Fax: \_\_\_\_\_  
 City: BRIGHTON State: CO Zip: 80601 Email: shawn@strachanexploration.com

**For "Intent" 24 hour notice required,** Name: Serna, Abe Tel: (720) 661-7317  
 Email: abe.serna@state.co.us  
**ECMC contact:** \_\_\_\_\_

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

API Number 05-011-06167-00  
 Well Name: HUMPHREY-WOLLERT Well Number: 2  
 Location: QtrQtr: NENE Section: 5 Township: 21S Range: 48W Meridian: 6  
 County: BENT Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: MCCLAVE Field Number: 53600

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

Latitude: 38.264675 Longitude: -102.818354  
 GPS Data: GPS Quality Value: 5.0 Type of GPS Quality Value: PDOP Date of Measurement: 03/27/2010  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other \_\_\_\_\_  
 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
MORROW	4661	4671			
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	371	235	371	0	VISU
1ST	7+7/8	4+1/2	j-55	10.5	0	4839	295	4839	2990	CBL
	7+7/8	4+1/2	j-55	Stage Tool	0	2990	580	2990	0	VISU

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 4690 with 4 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 25 sks cmt from 2100 ft. to 1800 ft. Plug Type: CASING Plug Tagged:   
Set 35 sks cmt from 1100 ft. to 700 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 \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
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Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 50 sacks half in. half out surface casing from 550 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 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:

Surface plug inside the 4 1/2" from 550' to surface, Annulus was covered on 2nd stg of the Production string  
Please add the COA to get the correct GPS and we'll get it from location.

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

Signed: \_\_\_\_\_ Print Name: Shawn reed  
Title: Petroleum Consultant Date: 4/23/2026 Email: shawn@strachanexploration.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: Wolfe, Stephen Date: 5/11/2026

### CONDITIONS OF APPROVAL, IF ANY LIST

Expiration Date: 11/10/2026

<b>COA Type</b>	<b>Description</b>
	<p>Bradenhead Testing  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.  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. For off location flowlines, include the Form 44 document number for their abandonment on a 27(S) once available.</p>

Plugging Procedure Conditions of Approval

- 1) Provide two(2) electronic Form 42 Notices
  - MIRU 2 business days ahead of operations
  - Notice of Plugging Operations 48 hours prior to mobilizing for plugging operations.
- 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.
- 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 of a high(shallow) tag or before adding cement to a previous plug due to a low (deep) cement top.
- 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 any indication of flow contact ECMC Engineering before proceeding. Provide a statement on the 6 SRA as to which method was used and what was observed. Retain records of final isolation test for 5 years.
- 5) With the Form 6 SRA operator must provide written documentation which positively affirms each COA has been addressed.
- 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.
- 7) Plugging procedure has been modified as follows,

See COA #3 for requirements to tag plugs not specifically noted to tag,

Plug #1 - 4690', CIBP with 4 sx of cement on top,

Plug #2 - 2100-1800', 25 sx cement casing plug,

All pressure and fluid migration must be eliminated prior to pumping Plug #2 and beyond, submit confirmation with the Form 6 SRA,

Plug #3 - 1075-700', 35 sx cement casing plug,

Run a CBL to confirm cement to surface prior to pumping Plug #4, a squeeze may be required, contact ECMC Area engineer with results to confirm the plugging procedure,

Plug #4 - 550-0', 50 sx cement casing plug,

Plug #5 - 50' of cement at the surface in the casing and the annulus per COA #4.

Reported "as drilled" GPS data is inaccurate. Submit accurate "as drilled" GPS data on Subsequent Report of Abandonment. GPS data must meet the requirements of Rule 216.

6 COAs

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
404628543	FORM 6 INTENT SUBMITTED
404632826	WELLBORE DIAGRAM
404632828	WELLBORE DIAGRAM

Total Attach: 3 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Surface casing - 371'(235) GR=3980' 3609' MSL Groundwater - Alluvium, Dakota-Cheyenne Deepest water well - 750'(2mi, 5 records) GR=3975' 3225' MSL Log - 011-06039 8/22/74 GR=3958'(-22') DKTA 480-700', CYNN 850-950', Blaine 1680', Stone Coral 1970-2025' Form 17 - 12/27/25	05/06/2026
OGLA	Location Assessment Specialist (LAS) review complete. Well is not in a HPH, not near surface waters or wetlands, and not near RBUs.	04/29/2026
Permit	WBDs are for incorrect well. As-drilled GPS is inaccurate. Please correct prior to resubmission or COA to collect new coordinates will be placed upon resubmission. Returned to draft.	04/22/2026

Total: 3 comment(s)