

**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.

Document Number:  
 403211420  
 Date Received:  
 04/28/2023

OGCC Operator Number: 10656 Contact Name: Jim Jacobsen  
 Name of Operator: MORNING GUN EXPLORATION LLC Phone: (720) 326-5262  
 Address: 1601 ARAPAHOE ST Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: jim.jacobsen@iptwell.com

**For "Intent" 24 hour notice required,** Name: Petrie, Erica Tel: (303) 726-3822  
**COGCC contact:** Email: erica.petrie@state.co.us

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

API Number 05-123-12695-00  
 Well Name: DORIS Well Number: 1  
 Location: QtrQtr: NWNE Section: 10 Township: 7N Range: 59W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: DRIFTER Field Number: 18860

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

Latitude: 40.594932 Longitude: -103.961192  
 GPS Data: GPS Quality Value: 1.4 Type of GPS Quality Value: PDOP Date of Measurement: 04/10/2023  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other Option 3 for offset mitigation  
 Casing to be pulled:  Yes  No Estimated Depth: 6789  
 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

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+7/8	8+5/8	Unk	24	0	319	250	319	0	VISU
OPEN HOLE	7+7/8				319	6789				

## 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 65 sks cmt from 5965 ft. to 5765 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 50 sks cmt from 3000 ft. to 2900 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 65 sks cmt from 1741 ft. to 1541 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:   
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 101 sacks half in. half out surface casing from 631 ft. to 269 ft. Plug Tagged:   
Set 16 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:

This Option 3 offset mitigation is being completed for the wells located on the Castor 7-59 10 Pad (Loc id #471039).  
Updated "as drilled" GPS data taken 4/10/2023 has been submitted with this Form 6.  
Please find the current and proposed WBD diagrams, surface owner consent and location photos attached.

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

Signed: \_\_\_\_\_ Print Name: Kelsi Welch  
Title: Compliance Manager Date: 4/28/2023 Email: kelsi.welch@iptwell.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: Wolfe, Stephen Date: 5/30/2023

#### CONDITIONS OF APPROVAL, IF ANY:

Expiration Date: 11/29/2023

COA Type	Description
	<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 COGCC 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. Tag at tops specified or shallower. Notify COGCC Area Engineer before adding cement to previous plug.</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 in all strings during cut and cap.</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 COGCC Area Engineer before continuing operations.</p> <p>7) Plugging procedure has been modified as follows, Open hole plug(s) set in 1985 that will remain - 6680-50, 35 sx cement plug. Include on the Form 6 SRA. Plug #1 - 5965-5765', 65 sx cement open hole plug. Plug #2 - 3000-2900', 50 sx cement open hole plug, WOC and tag. Plug #3 - 1741-1541', 65 sx cement open hole plug, WOC and tag. Plug #4 - 631-269', 101 sx cement open hole plug, WOC and tag. Plug #5 - 50-0', 16 sx of cement per COA #4.</p> <p>8) Submit an updated WBD that corresponds with the approved 6(N) (if needed) prior to filing Form 42 Notifications required in COA #1 above.</p> <p>9) Submit with the Form 6 SRA, if available - the gyro survey planned for in the procedure; any logs not on file with the COGCC.</p>
	<p>This oil and gas location is located within a CPW-mapped 500 foot buffer of the Ordinary High Water Mark of South Pawnee Creek for protection of Aquatic Native Species Conservation Water High Priority Habitat. At a minimum, Operator will review the stormwater program and implement stormwater BMPs and erosion control measures as needed to prevent fine-grained sediment and impacted stormwater runoff from entering surface water.</p>
	<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>
3 COAs	

### Attachment List

Att Doc Num	Name
403211420	FORM 6 INTENT SUBMITTED
403211480	WELLBORE DIAGRAM
403211484	WELLBORE DIAGRAM
403387838	SURFACE OWNER CONSENT
403387840	LOCATION PHOTO

Total Attach: 5 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Groundwater=Laramie-Fox Hills, Upper Pierre Deepest water well=360'(1mi, 13 records), 1525'(2mi, 29 records) Log=123-12695 10/9/85 4911 GR, L-FH base 410 UP 790-1490	05/26/2023
OGLA	OGLA Review complete.	05/24/2023
OGLA	Well is in CPW mapped Mule Deer Severe Winter Range and Pronghorn Winter Concentration High Priority Habitats. 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.	05/24/2023
Permit	Submitted as-drilled. Attached exhibits. Pass.	05/01/2023
Permit	No other forms in process. Production reporting OK. Reviewed WBDs. Missing Surface owner consent and pictures from 4 directions. See option three Offset Well Evaluation and Hydraulic Fracturing Guidance pg 7/8. RTD.	11/01/2022

Total: 5 comment(s)