

Document Number:  
 402385894

Date Received:

**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.

OGCC Operator Number: 47120 Contact Name: CRYSTAL MCCLAIN  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 9294398  
 Address: P O BOX 173779 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80217- Email: CRYSTAL\_MCCLAIN@OXY.COM

**For "Intent" 24 hour notice required,** Name: \_\_\_\_\_ Tel: \_\_\_\_\_  
 Email: \_\_\_\_\_

**COGCC contact:**

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

API Number 05-123-19512-00  
 Well Name: HSR-CROISSANT Well Number: 11-20  
 Location: QtrQtr: NESW Section: 20 Township: 5N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: 63846  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.382874 Longitude: -104.918977  
 GPS Data: GPS Quality Value: 1.3 Type of GPS Quality Value: PDOP Date of Measurement: 03/31/2020  
 GPS Instrument Operator's Name: PAT MCCLURE  
 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
CODELL	7118	7128	03/02/2020	B PLUG CEMENT TOP	6740
NIOBRARA	6801	6801	03/02/2020	B PLUG CEMENT TOP	6740
Total: 2 zone(s)					

**Casing History**

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	23	393	275	393	0	VISU
1ST	7+7/8	4+1/2	11.6	7,245	150	7,245	6,290	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6740 with 2 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 388 sks cmt from 1000 ft. to 60 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 2000 ft. with 188 sacks. Leave at least 100 ft. in casing 1560 CICR Depth  
 Perforate and squeeze at 1500 ft. with 188 sacks. Leave at least 100 ft. in casing 1067 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 6 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. \_\_\_\_\_ inch casing Cut and Cap Date: 03/31/2020  
 of \_\_\_\_\_  
 \*Wireline Contractor: NEXTIER, C&J, ENSIGN \*Cementing Contractor: BASIC  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

FORM 6 NOI COA COMPLIANCE CONFIRMATION:  
 1. DOC #402319063  
 2. Confirmed in Operations Summary  
 3. Confirmed in Operations Summary (388 sacks at surface with a 6 sack top off)  
 4. Confirmed in Operations Summary and Wellbore Diagram  
 5. Form 44 forthcoming  
 6. This will serve as written confirmation  
 7. Confirmed in Operations Summary  
 Bradenhead: DOC #402319096

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

Signed: \_\_\_\_\_ Print Name: CRYSTAL MCCLAIN  
 Title: REGULATORY ANALYST Date: \_\_\_\_\_ Email: CRYSTAL\_MCCLAIN@OXY.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: \_\_\_\_\_ Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

COA Type	Description

## Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
402385911	OPERATIONS SUMMARY
402385913	WELLBORE DIAGRAM
402385916	WIRELINER JOB SUMMARY
402385921	WIRELINER JOB SUMMARY
402385926	CEMENT JOB SUMMARY
402385927	CEMENT JOB SUMMARY
402385928	CEMENT JOB SUMMARY
402385930	WIRELINER JOB SUMMARY
402385937	WIRELINER JOB SUMMARY
402385941	WIRELINER JOB SUMMARY

Total Attach: 10 Files

## General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
		Stamp Upon Approval

Total: 0 comment(s)