

Document Number:  
 403104668  
 Date Received:  
 07/14/2022

**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: CANDICE BARBER  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (307) 233-4513  
 Address: P O BOX 173779 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80217- Email: CANDICE\_BARBER@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 05-123-26959-00  
 Well Name: HALE Well Number: 21-13  
 Location: QtrQtr: SWNE Section: 13 Township: 3N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: WATTENBERG Field Number: 90750

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

Latitude: 40.227387 Longitude: -104.835867  
 GPS Data: GPS Quality Value: 1.7 Type of GPS Quality Value: PDOP Date of Measurement: 06/23/2022  
 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	7404	7424	04/20/2022	B PLUG CEMENT TOP	7050
NIOBRARA	7127	7282	04/20/2022	B PLUG CEMENT TOP	7050
Total: 2 zone(s)					

**Casing History**

(Empty area for 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	810	350	810	0	VISU
1ST	7+7/8	4+1/2	I-80	11.6	0	7562	695	7562	2490	CBL
S.C. 1.1	7+7/8	4+1/2		11.6	0	7562	165	1525	744	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 7050 with 2 sacks cmt on top. CIBP #2: Depth 260 with 80 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 \_\_\_\_\_ 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:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at 4307 ft. with 100 sacks. Leave at least 100 ft. in casing 4265 CICR Depth  
 Perforate and squeeze at 2570 ft. with 100 sacks. Leave at least 100 ft. in casing 2540 CICR Depth  
 Perforate and squeeze at 2100 ft. with 220 sacks. Leave at least 100 ft. in casing 1610 CICR Depth  
 (Cast Iron Cement Retainer Depth)

Set 50 sacks half in. half out surface casing from 975 ft. to 604 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: 720 ft. of 4+1/2 inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: 50  
 Surface Plug Setting Date: 05/02/2022 Cut and Cap Date: 06/21/2022  
 \*Wireline Contractor: RANGER \*Cementing Contractor: SCHLUMBERGER  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

CONTINUED PLUGGING PROCEDURE:  
 PERF AT 1150' WITH 110 SACKS OF CEMENT, CICR SET AT 1120', TAGGED TOC AT 1008' IN CASING

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

Signed: \_\_\_\_\_ Print Name: CANDICE BARBER  
 Title: REGULATORY ANALYST Date: 7/14/2022 Email: DJPOSTDRILL@ANADARKO.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: Jacobson, Eric Date: 9/23/2022

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

**Condition of Approval**

**COA Type**

**Description**

0 COA
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**Attachment List**

**Att Doc Num**

**Name**

403104668	FORM 6 SUBSEQUENT SUBMITTED
403104756	WELLBORE DIAGRAM
403104759	OTHER
403104762	OPERATIONS SUMMARY
403105211	CEMENT JOB SUMMARY
403105212	WIRELINE JOB SUMMARY
403105216	CEMENT BOND LOG

Total Attach: 7 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Permit	Reviewed attachments. Pass.	09/22/2022
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Total: 1 comment(s)