

Document Number:  
 403297547  
 Date Received:  
 01/23/2023

**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: 10299 Contact Name: Jake Flora  
 Name of Operator: KUENZLER & FLORA RESERVE COMPANY Phone: (720) 988-5375  
 Address: 2721 GOLF COURSE LANE Fax: \_\_\_\_\_  
 City: CORTEZ State: CO Zip: 81321 Email: jakeflora@kfrcorp.com

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

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

API Number 05-017-06036-00  
 Well Name: UPRR MILLER Well Number: 1-7  
 Location: QtrQtr: NWNW Section: 7 Township: 15S Range: 44W Meridian: 6  
 County: CHEYENNE Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: LADDER CREEK Field Number: 47600

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

Latitude: 38.767300 Longitude: -102.385780  
 GPS Data: GPS Quality Value: 2.1 Type of GPS Quality Value: PDOP Date of Measurement: 04/26/2019  
 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
SHAWNEE	4023	4042		B PLUG CEMENT TOP	3975
SPERGEN	5210	5236		CEMENT	4100
ST LOUIS	5124	5158		CEMENT	4100

Total: 3 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	16	12+3/4	J-55	37.5	0	329	250	329	0	VISU
1ST	7+7/8	5+1/2	J-55	14	0	5334	150	5334	3450	CBL
S.C. 1.1						2550	76	2600	1495	CBL
S.C. 1.2						1050	35	1050	950	CALC
2ND	4+7/8	4+1/2	J-55	10.5	0	4100	50	4100	3376	CBL
S.C. 2.1	4+7/8	4+1/2		10.5	0	4100	75	2604	0	CBL

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3975 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 25 sks cmt from 2150 ft. to 2350 ft. Plug Type: CASING Plug Tagged:   
 Set 25 sks cmt from 1450 ft. to 1650 ft. Plug Type: CASING Plug Tagged:   
 Set 12 sks cmt from 1000 ft. to 1100 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:

Perforate and squeeze at 500 ft. with 95 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  
 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  
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 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 125 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: 104  
 Surface Plug Setting Date: 08/30/2022 Cut and Cap Date: 12/12/2022

\*Wireline Contractor: Peak Wireling \*Cementing Contractor: HP Oilfield Services

Type of Cement and Additives Used: Class A, 14.5 ppg

Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

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

Signed: \_\_\_\_\_ Print Name: Jake Flora  
 Title: Petroleum Engineer Date: 1/23/2023 Email: jakeflora@kfrcorp.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: 3/14/2023

**CONDITIONS OF APPROVAL, IF ANY LIST**

COA Type	Description
0 COA	

**ATTACHMENT LIST**

Att Doc Num	Name
403297547	WELL ABANDONMENT REPORT (SUBSEQUENT)
403298482	WIRELINE JOB SUMMARY
403298484	CEMENT JOB SUMMARY
403298487	OPERATIONS SUMMARY
403298508	WELLBORE DIAGRAM
403345329	FORM 6 SUBSEQUENT SUBMITTED

Total Attach: 6 Files

**General Comments**

User Group	Comment	Comment Date
Engineer	Form 27(I) - 403115172	02/02/2023
Engineer	Only 1 month of PA reported, 9/22. Well cut and cap 12/12/22, needs 12/22 and 1/23 reporting.	02/02/2023
Engineer	Note from NOI: Prior to running the liner (2nd string) a CBL on 10/1/2019 showed AB plug at 2600-2350'. The 5 1/2" casing was perforated at 4086' and 4008' to squeeze across the Shawnee and at 1550' and 2250' to attempt to insure isolation of the Dakota/Cheyenne while cementing the liner. Based on the subsequent CBL it appears that cement did enter these perfs and provide isolation of the Shawnee and above and below the Dakota-Cheyenne as intended. S.C.1.1 includes the interval from below the AB plug to above the added perfs. S.C.1.2 is based on PA report of original hole. S.C.1.3 from the NOI has been removed from the casing table on the NOI because it was a casing plug and drilled out during the re-entry.	02/02/2023

Total: 3 comment(s)