

FORM  
6Rev  
12/05State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

401027404

Date Received:

04/13/2016

## 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: 10110

Contact Name: Ty Woodworth

Name of Operator: GREAT WESTERN OPERATING COMPANY LLC

Phone: (970) 274-9254

Address: 1801 BROADWAY #500

Fax:

City: DENVER State: CO Zip: 80202

Email: twoodworth@gwogco.com

For "Intent" 24 hour notice required,

Name: Tel:

COGCC contact:

Email:

API Number 05-123-24706-00

Well Name: DETTERER

Well Number: 34-24

Location: QtrQtr: SWSE Section: 24 Township: 6N Range: 67W Meridian: 6

County: WELD

Federal, Indian or State Lease Number:

Field Name: LAPOUDRE

Field Number: 48125

☐ Notice of Intent to Abandon☒ Subsequent Report of Abandonment

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

Latitude: 40.467140

Longitude: -104.840190

GPS Data:

Date of Measurement: 10/02/2008

PDOP Reading: 2.3

GPS Instrument Operator's Name: L. ROBBINS

Reason for Abandonment: ☐ Dry ☐ Production Sub-economic ☐ Mechanical Problems☐ OtherCasing to be pulled: ☐ Yes ☐ No Estimated Depth:Fish in Hole: ☐ Yes ☐ No If yes, explain details belowWellbore 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
NIORRARA-CODELL	6820	7116	04/05/2016	B PLUG CEMENT TOP	6722

Total: 1 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	24	582	450	582	0	
1ST	7+7/8	4+1/2	11.6	7,272	580	7,272	3,586	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6722 with 2 sacks cmt on top. CIBP #2: Depth 3700 with 2 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 105 sks cmt from 0 ft. to 1125 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 1225 ft. with 440 sacks. Leave at least 100 ft. in casing 1125 CICR Depth

Perforate and squeeze at 3488 ft. with 50 sacks. Leave at least 100 ft. in casing 3388 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 \_\_\_\_\_ 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 Plugging Date: 04/05/2016  
of \_\_\_\_\_

\*Wireline Contractor: KLX

\*Cementing Contractor: Sanjel

Type of Cement and Additives Used: 0-1-0 G

Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

Rigged up for offset safety prep and found holes in casing from 3488 to 3520 ft.

Called COGCC and obtained permission to P&A.

Summary:

Set CIBP w/ 2sx at 6722 ft.

Set CIBP w/ 2sx at 3700 ft.

Set CICR at 3388 ft. Sqz'd 50 sx thru CICR, left 1 bbl on top.

Tested 4 1/2 to 500 psi for 15 mins. Good test.

Perf at 1225 ft.

Set CICR at 1125 ft. Circulated 440 sx cement up annulus to surface.

Stung out, filled 4 1/2 to surface with 90 sx. Topped off with 15 sx while POOH. Cement to surface.

Cut capped 6 ft below grade. Abandoned flowline per policy.

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

Signed: \_\_\_\_\_ Print Name: Ty Woodworth

Title: Prod Eng Lead

Date: 4/13/2016

Email: twoodworth@gwogco.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: 4/3/2018

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

### Attachment Check List

Att Doc Num	Name
401027404	FORM 6 SUBSEQUENT SUBMITTED
401027430	WELLBORE DIAGRAM
401027432	WELLBORE DIAGRAM
401027441	OTHER
401027442	WIRELINE JOB SUMMARY
401027443	CEMENT JOB SUMMARY

Total Attach: 6 Files

### General Comments

User Group	Comment	Comment Date
Permit	Email to operator: Please submit a Form 7 Monthly Well Production report for this well showing the Niobrara-Codell to be PA for the month of July, 2016.	03/01/2017

Total: 1 comment(s)