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**Replug By Other Operator**

Document Number:  
400872719

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: REBECCA HEIM  
 Name of Operator: KERR MCGEE OIL & GAS ONSHORE LP Phone: (720) 929-6361  
 Address: P O BOX 173779 Fax: (720) 929-7361  
 City: DENVER State: CO Zip: 80217- Email: REBECCA.HEIM@ANADARKO.COM

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

API Number 05-123-10152-00  
 Well Name: RUSCH Well Number: 34-15  
 Location: QtrQtr: NWSE Section: 15 Township: 3N Range: 67W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: WATTENBERG Field Number: 90750

Notice of Intent to Abandon  Subsequent Report of Abandonment

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

Latitude: 40.222006 Longitude: -104.873111  
 GPS Data:  
 Date of Measurement: 07/08/2015 PDOP Reading: 2.0 GPS Instrument Operator's Name: Carli Sloan  
 Reason for Abandonment:  Dry  Production for 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

Total: 0 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	200	180	200	80	CALC
OPEN HOLE	7+7/8			7,106				

## 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 375 sks cmt from 89 ft. to 60 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 86 sks cmt from 165 ft. to 13 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 113 sks cmt from 420 ft. to 145 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 350 sks cmt from 7020 ft. to 5900 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 620 sks cmt from 4220 ft. to 3579 ft. Plug Type: OPEN HOLE 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 \_\_\_\_\_ sacks half in. half out surface casing from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Tagged:

Set 73 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: 0 ft. of \_\_\_\_\_ inch casing

Plugging Date: 07/21/2015

\*Wireline Contractor: NA

\*Cementing Contractor: SANJEL/SCHLUMBERGER

Type of Cement and Additives Used: \_\_\_\_\_

Flowline/Pipeline has been abandoned per Rule 1103  Yes  No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

From: Schlagenhauf - DNR, Mark <mark.schlagenhauf@state.co.us>  
Sent: Monday, May 04, 2015 1:42 PM  
To: Boeger, Reed  
Cc: diana.burn@state.co.us; Light, Cheryl  
Subject: Re: RUSCH 34-15 RE-ENTRY P&A

No objection to continuing as proposed-no need for additional paperwork at this time.

Mark Schlagenhauf P.E.  
Northeastern Engineer

On Mon, May 4, 2015 at 1:33 PM, Boeger, Reed <Reed.Boeger@anadarko.com> wrote:

Mark,  
We are discussing plans on the Rusch 34-15, API – 05-123-10152. This is the well where surface casing parted at ~78' BGL and we air drilled down with that dual rotary rig. So, we ran an ElectroMagnetic Survey to determine depth and distance to the casing stub and turns out we got down beside it with the top of the "fish" being at ~45'. Our plan now is to continue down beside the original surface casing and INTERCEPT the old openhole below the surface casing at around 200-ft then continue with P&A procedures as outlined in the original Form 6 we have. My question: Do we need to file a new "Intercept" Form 2 like we did on the Ernie Adamson? We are rigged up on top of the old well but missed it by less than a foot. We plan on setting a new string of 9-5/8" from surface to ~180' then drilling out and into the old open hole at ~200'-250'.

Please call to discuss if needed.  
Thanks!  
Reed Boeger  
Sr. Production Engineer - GWA

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

Signed: \_\_\_\_\_

Print Name: REBECCA HEIM

Title: SR. REGULATORY ANALYST

Date: \_\_\_\_\_

Email: rscdjpostdrill@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: \_\_\_\_\_

Date: \_\_\_\_\_

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

### Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400879698	OPERATIONS SUMMARY
400879699	CEMENT JOB SUMMARY
400879700	GYRO SURVEY
400882782	WELLBORE DIAGRAM
400882783	WIRELINE JOB SUMMARY

Total Attach: 5 Files

### General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)