

FORM  
6

Rev  
12/05

State 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:

400817140

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:  
COGCC contact: Email:

API Number 05-123-16787-00  
Well Name: STRONG Well Number: P 21-7  
Location: QtrQtr: SWNE Section: 21 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: 40.212780 Longitude: -104.893760  
GPS Data:  
Date of Measurement: 07/09/2007 PDOP Reading: 2.2 GPS Instrument Operator's Name: Paul Tappy  
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
CODELL	7075	7094	02/11/2015	B PLUG CEMENT TOP	6995

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	382	270	382	0	VISU
1ST	7+7/8	2+7/8	6.5	7,208	260	7,208	6,200	CBL

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6995 with 25 sacks cmt on top. CIBP #2: Depth 80 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 100 sks cmt from 4800 ft. to 4369 ft. Plug Type: CASING Plug Tagged:   
Set 100 sks cmt from 4300 ft. to 3933 ft. Plug Type: STUB PLUG Plug Tagged:   
Set 400 sks cmt from 925 ft. to 295 ft. Plug Type: STUB PLUG 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 \_\_\_\_\_ 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 37 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: 930 ft. of 2+7/8 inch casing

Plugging Date: 03/20/2015

\*Wireline Contractor: PIONEER/WARRIOR

\*Cementing Contractor: BAKER HUGHES

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

Flowline/Pipeline has been abandoned per Rule 1103  Yes  No

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

From: Marchant, Brent  
Sent: Thursday, February 19, 2015 2:49 PM  
To: Schlagenhauf - DNR, Mark  
Cc: Light, Cheryl; Hollinsworth, Terry [Naill Services Inc.]  
Subject: RE: Strong P 21-7 123-16787  
Mark – FYI

The wiper plug for the 4800' squeeze was tagged at 4369'. We re-evaluated the CBL run 02/12/15 and the vendor concluded that the tool was not working properly. We were able to unland the casing so we cut it at 4300' and attempted to pull. We were not able to pull from 4300' and determined that the pipe is free above 2000'. Pumped another 100 sks into the cut at 4300' and displaced. Tagged at 3933' in 2 7/8" casing (+/-10 sks in pipe and 90sks in annulus). Now plan to cut the casing off at 930' and cement as approved.  
Brent Marchant

From: Schlagenhauf - DNR, Mark [mailto:mark.schlagenhauf@state.co.us]  
Sent: Friday, February 13, 2015 8:22 AM  
To: Marchant, Brent  
Cc: Light, Cheryl; Hollinsworth, Terry [Naill Services Inc.]  
Subject: Re: Strong P 21-7 123-16787  
Brent,  
No Objection.  
Mark Schlagenhauf P.E.  
Northeastern Engineer

On Fri, Feb 13, 2015 at 6:13 AM, Marchant, Brent <Brent.Marchant@anadarko.com> wrote:

Mark,  
CBL shows cement from 850' – surface that we did not know about. Well drilled by Gerrity 1995, to Patina 1997, to Noble 2007, to KM/APC 2014.  
Due to this cement, it is unlikely that we can place the SX/SH plug from 3800' – 4800' and we will not be able to pull casing.  
Proposed changes to P&A procedure:  
Perf at 4800' and squeeze with 100 sks Type 'G', displace wiper plug to 4600'. This would place +/-200' in the 2 7/8"x 10 1/4" annulus.  
Set 20 sks Type III from 930' – surface in 2 7/8" casing. Eliminate the CIBP.  
Please indicate your concurrence (or other).  
Thanks,  
Brent Marchant

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**

<b>Att Doc Num</b>	<b>Name</b>
400817149	OPERATIONS SUMMARY
400817150	CEMENT JOB SUMMARY
400817151	GYRO SURVEY
400817152	WELLBORE DIAGRAM
400817358	WIRELINE JOB SUMMARY

Total Attach: 5 Files

**General Comments**

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

Total: 0 comment(s)