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: 400481429

Date Received: 09/20/2013

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: 10382 Contact Name: Wayne Rowe

Name of Operator: SCHLUMBERGER CARBON SERVICES Phone: (303) 594-1219

Address: 1875 LAWRENCE ST., SUITE 500 Fax: (303) 297-9007

City: DENVER State: CO Zip: 80202 Email: rowe5@slb.com

For "Intent" 24 hour notice required, COGCC contact: Name: KELLERBY, SHAUN Tel: (970) 285-7235 Email: shaun.kellerby@state.co.us

API Number 05-081-07694-00

Well Name: RMCCS State Well Number: No. 1

Location: QtrQtr: SWSE Section: 34 Township: 6N Range: 91W Meridian: 6

County: MOFFAT Federal, Indian or State Lease Number: N/A

Field Name: WILDCAT Field Number: 99999

☐ Notice of Intent to Abandon ☒ Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.427476 Longitude: -107.589754

GPS Data:

Date of Measurement: 09/19/2013 PDOP Reading: 1.4 GPS Instrument Operator's Name: P.Epp

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems

☒ Other Stratigraphic test well only. No more work planned

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
CONDUCTOR	24	20	94	20	10	20	0	VISU
SURF	17+1/2	13+3/8	54.5	1,391	1,293	1,391	0	CBL
1ST	12+3/8	9+5/8	40-47	5,389	502	5,389	1,500	CBL
OPEN HOLE	8+1/2			9,745				

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIPB #2: Depth _____ with _____ sacks cmt on top.

CIBP #3: Depth _____ with _____ sacks cmt on top. CIPB #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 165 sks cmt from 8694 ft. to 8294 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 239 sks cmt from 7390 ft. to 6890 ft. Plug Type: OPEN HOLE Plug Tagged: ☐

Set 173 sks cmt from 5488 ft. to 5288 ft. Plug Type: OPEN HOLE 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 1333 ft. with 57 sacks. Leave at least 100 ft. in casing 1183 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 17 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 Plugging Date: 03/06/2012

*Wireline Contractor: Warrior Energy Services *Cementing Contractor: Schlumberger

Type of Cement and Additives Used: Class G

Flowline/Pipeline has been abandoned per Rule 1103 ☐ Yes ☐ No *ATTACH JOB SUMMARY

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: Wayne Rowe

Title: Project Manager Date: 9/20/2013 Email: rowe5@slb.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: ANDREWS, DAVE Date: 12/31/2014

CONDITIONS OF APPROVAL, IF ANY:

COA Type	Description

Attachment Check List

Att Doc Num	Name
2056034	OPERATIONS SUMMARY
2056035	WIRELINE JOB SUMMARY
2056036	WELLBORE DIAGRAM
2056037	WELLBORE DIAGRAM
400481429	FORM 6 SUBSEQUENT SUBMITTED
400481536	CEMENT JOB SUMMARY
400481537	CEMENT JOB SUMMARY
400483708	OTHER

Total Attach: 8 Files

General Comments

User Group	Comment	Comment Date
Engineer	After consultation with operator (Wayne Rowe) and review of geophysical logs, we agreed that two formation tops previously reported on Form 5 #400399344 were incorrect: Niobrara top of 6154' (shown on Form 5) has been corrected to 6266' (now shown on the attached wellbore diagrams and COGCC's Scout Card) and Carlile top of 7806' (shown on Form 5) has been corrected to 7606' (now shown on the attached wellbore diagrams and COGCC's Scout Card).	12/31/2014 9:21:39 AM
Engineer	Replaced wellbore diagrams (before and after plugging) with revised versions submitted by operator on 12/29/2014.	12/31/2014 9:19:27 AM
Engineer	Changed surface casing sacks of cement from 1113 sacks to 1293 sacks to account for 180 sack top-out job to bring cement to surface after the primary attempt.	12/24/2014 9:51:15 AM
Engineer	Deleted the following attachments: CBL #400483710 (already saved in the well file as #2513491 and 1597140), Cement Volume Log #400483712 (already saved in the well file as #2513498), and Cement Job Summary #400481535 (already saved in the well file as #2157015).	12/19/2014 5:21:57 PM
Engineer	Additional attachments provided by the operator on 12/19/2014: Plugging Operations Summary for 3/6/2012 (Document No. 2056034) and Wireline Invoice (Document No. 2056035). These attachments do not specify the depths of the perforations and the CICR depth for Plug #4, but they are the best available information provided by the operator. Moved plugging information on this form that showed Plug #4 half-in / half-out of surface casing to perf at 1333' and squeeze 57 sacks under CICR at 1183', understanding that the actual depths for Plug #4 cannot be confirmed by the data attached to this form.	12/19/2014 4:58:37 PM
Engineer	Conflicting information was present in the available operator and contractor data for the casing setting depths in this well. Changed surface casing and first string setting depths after consultation with operator (Wayne Rowe) on 12/19/2014 while reviewing operations summary data, cement tickets, and logs. Changed plugging date from 3/5/2012 to 3/6/2012 to match operations summary and cement tickets.	12/19/2014 4:48:49 PM
Engineer	Removed Dakota completed zone information and Entrada completed zone information. This was a stratigraphic test well, these zones were in the open-hole interval, and they were not completed for hydrocarbon production. There were no completed zones in this well.	12/19/2014 4:46:09 PM
Engineer	First String (9+5/8" casing) top of cement may be as high as approximately 1050', based on COGCC's calculation using cement data from contractor ticket, including flowing casing pressure prior to bumping the plug. 12.0 ppg lead cement is difficult to see on the CBL. Some amplitude variations apparent below 1500'. Top of tail cement on CBL at 4540' matches calculated value for top of tail cement.	12/19/2014 12:49:28 PM
Engineer	Added conductor information using values reported on Form 5 #400399344.	7/24/2014 5:12:13 PM
Permit	PENDING:Requested cement reports. (Cement reports as attached are appropriate.) 7/15/2014 dhs.	7/14/2014 2:31:00 PM

Total: 10 comment(s)