

FORM  
6Rev  
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:

400551915

Date Received:

02/11/2014

## 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: 96850

Contact Name: TONY FRANZONE

Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC

Phone: (970) 589-1454

Address: 1001 17TH STREET - SUITE #1200

Fax:

City: DENVER State: CO Zip: 80202

Email: tony.franzone@wpxenergy.com

For "Intent" 24 hour notice required,

Name: BURGER, CRAIG

Tel: (970) 319-4194

COGCC contact:

Email: craig.burger@state.co.us

API Number 05-045-06903-00

Well Name: CLOUGH

Well Number: RMV 8-16

Location: QtrQtr: NENW Section: 16 Township: 6S Range: 94W Meridian: 6

County: GARFIELD

Federal, Indian or State Lease Number: 13162

Field Name: RULISON

Field Number: 75400

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

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

Latitude: 39.530810

Longitude: -107.896543

GPS Data:

Date of Measurement: 06/06/2012 PDOP Reading: 0.0 GPS Instrument Operator's Name: DCA

Reason for Abandonment: ☐ Dry ☐ Production for Sub-economic ☐ Mechanical Problems☒ Other SHUT-INCasing 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: FAILED MIT 2014

## Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
WILLIAMS FORK - CAMEO	5985	7935	06/05/2009	B PLUG CEMENT TOP	5925

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	13+1/4	9+5/8	36	319	150	319	0	VISU
1ST	7+7/8	5+1/2	17	8,050	875	8,050	4,820	CBL
S.C. 1.1				3,050	487	3,050		CALC

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 400 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 15 sks cmt from 3100 ft. to 3000 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 360 ft. with 57 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 21 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: \_\_\_\_\_

\*Wireline Contractor: RMWS

\*Cementing Contractor: \_\_\_\_\_

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

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

\*ATTACH JOB SUMMARY

Technical Detail/Comments:

#### P&A Calculations

5-1/2" OD csg in 7-7/8" hole, 0.0309 bbls/ft, 0.1733 ft<sup>3</sup>/ft  
5-1/2" OD csg in 9-5/8" 36# csg, 0.0479 bbls/ft, 0.2691 ft<sup>3</sup>/ft  
5-1/2" OD 17# csg capacity, 0.0232 bbls/ft, 0.1305 ft<sup>3</sup>/ft  
15 sx, 2 bbls, 5-1/2" csg in 7-7/8" hole, 40 ft, 30% excess  
28 sx, 4.8 bbls, 5-1/2" 17# csg in 9-5/8" 36# csg, 100 ft  
14 sx, 2.3 bbl, 5-1/2" 17# csg, 100-ft  
7 sx, 1.2 bbls, 5-1/2" 17# csg, 50-ft surface plug  
14 sx, 2 bbl, 5-1/2" csg in 9-5/8" 36# csg, 50-ft  
78 sx Total Cement, 15.5#, 0.96 ft<sup>3</sup>/ft  
13 Total Bbls Cement

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

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

Print Name: Angela Neifert-Kraiser

Title: Regulatory Specialist

Date: 2/11/2014

Email: Angela.Neifert-Kraiser@wpenergy.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, DAVID

Date: 2/19/2014

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

Expiration Date: 8/18/2014

<u>COA Type</u>	<u>Description</u>
	1) Provide 48 hour notice of plugging MIRU via electronic Form 42. 2) Additional cement plug added to this form and required in casing from 3100' to 3000' (15 sx). Tag cement to verify top of 3100' or above. 3) Properly abandon flowlines per Rule 1103. File electronic Form 42 after flowline abandonment is complete.

### **Attachment Check List**

<u>Att Doc Num</u>	<u>Name</u>
400551915	FORM 6 INTENT SUBMITTED
400553762	PROPOSED PLUGGING PROCEDURE
400553764	WELLBORE DIAGRAM

Total Attach: 3 Files

### **General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>
Engineer	Production perforations previously squeezed from 6068' to 6118' with 100 sx cement per the current wellbore diagram (this squeezed interval is within the original gross production interval, so there was no change to the gross production interval). Added remedial cement squeeze to Casing History as First String Stage 1 (487 sx squeezed at 3050').	2/19/2014 8:39:13 AM
Permit	Passes Permitting . Attachment 400553764 is pre-plug WBD. Attachment 400553762 is post-plug WBD. Doc 1769445 Form 21 shows bridge plug at 5925. Completion Report Form 5 is doc 394313.	2/12/2014 8:05:21 AM

Total: 2 comment(s)