

Document Number:  
400847494

Date Received:  
06/02/2015

**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: Doug McAdam

Name of Operator: WPX ENERGY ROCKY MOUNTAIN LLC Phone: (970) 618-7340

Address: 1001 17TH STREET - SUITE #1200 Fax: \_\_\_\_\_

City: DENVER State: CO Zip: 80202 Email: Douglas.McAdam@wpxenergy.com

**For "Intent" 24 hour notice required,** Name: Murray, Richard Tel: (970) 623-9782

**COGCC contact:** Email: g.richard.murray@state.co.us

API Number 05-045-22524-00

Well Name: Youberg RU Well Number: 34-7

Location: QtrQtr: SESE Section: 7 Township: 7S Range: 93W Meridian: 6

County: GARFIELD Federal, Indian or State Lease Number: COC50944

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: 39.454759 Longitude: -107.810844

GPS Data:  
Date of Measurement: 12/10/2013 PDOP Reading: 2.9 GPS Instrument Operator's Name: J. Kirkpatrick

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

Other Lost Circulation

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
WILLIAMS FORK	0	0	05/29/2015	CEMENT	0

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
CONDUCTOR	26	18	48	42	25	42	0	VISU
SURF	13+1/2	9+5/8	32	1,352	350	1,352	0	VISU
OPEN HOLE	8+3/4			6,839				

## 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 209 sks cmt from 6377 ft. to 5877 ft. Plug Type: OPEN HOLE Plug Tagged:   
Set 125 sks cmt from 3804 ft. to 3504 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:   
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 200 sacks half in. half out surface casing from 1617 ft. to 1117 ft. Plug Tagged:   
Set 20 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: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
Type of Cement and Additives Used: \_\_\_\_\_  
Flowline/Pipeline has been abandoned per Rule 1103  Yes  No \*ATTACH JOB SUMMARY

Technical Detail/Comments:

Verbal approval given to Dylan Goudie May 28th, 2015, by Jay Krabacher. No perms and no producing intervals.

Plug Lengths:

- #1 500 ft plus 15% excess
- #2 300 ft plus 15% excess
- #3 500 ft plus 15% excess for open hole portion of the plug
- #4 No Changes

Surface Casing Setting Depth: 1352' MD

Total depth drilled: 6839' (MD) 6740' (TVD)

Estimated Formation Tops:

G-Sand: 3844' (MD) 3792' (TVD)

Mesaverde: 6331' (MD) 6242' (TVD)

EST Top Gas: 7339' (MD) 7242' (TVD)

Proposed Plug Procedure:

Plug #1 (Bottom Plug)

1. TIH open-ended to 50 ft below the top of the Mesaverde formation (~6381')
2. Circulate and condition in preparation of pumping cmt plug
3. Mix and pump balanced plug from 6381' to 5881' (500 feet in length)
  - a. Pump 20 bbls of water spacer ahead
  - b. Pump 42.8 bbls (209 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (500 ft plus 15% excess cmt)
  - c. Pump 5 bbls of water behind cmt
  - d. Slowly pull drill pipe out of plug to balance plug
  - e. Trip 500 ft above top of plug and circulate drill pipe clean
  - f. Trip out of hole, WOC
  - g. Trip in hole and verify depth and tag top of cmt plug

Plug #2

1. TIH open-ended to 3881 ft
2. Circulate and condition in preparation of pumping cmt plug
3. Mix and pump balanced plug from 3881' to 3581' (300 feet in length)
  - a. Pump 20 bbls of water spacer ahead
  - b. Pump 25.6 bbls (125 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (300 ft plus 15% excess cmt)
  - c. Pump 5 bbls of water behind cmt
  - d. Slowly pull drill pipe out of plug to balance plug
  - e. Trip 500 ft above top of plug and circulate drill pipe clean
  - f. Trip out of hole, WOC
  - g. Trip in hole and verify depth and tag top of cmt plug

Plug #3 (Surface Casing Coverage Plug)

1. TIH open-ended to 1581 ft
2. Circulation and condition in preparation of pumping cmt plug
3. Mix and pump balanced plug from 1581' to 1081' (500 feet in length)
  - a. Pump 20 bbls of water spacer ahead
  - b. Pump 41 bbls (200 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (500 ft plus 15% excess cmt in open hole)
  - c. Pump 5 bbls of water behind cmt
  - d. Slowly pull drill pipe out of plug to balance plug
  - e. Trip 500 ft above top of plug and circulate drill pipe clean
  - f. Trip out of hole, WOC
  - g. Trip in hole and verify depth and tag top of cmt plug

Plug #4 (Surface Plug)

1. TIH open-ended to 50 ft below ground level
2. Mix and pump plug from 50' to top of conductor
  - a. Pump 20 bbls of water spacer ahead
  - b. Pump 3.9 bbls (19 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (50 ft of cmt)
  - c. Pump 2 bbls of water behind cmt to displace drill pipe
  - d. Slowly pull drill pipe out of plug
  - e. Trip above top of plug and circulate drill pipe clean
  - f. Trip out of hole, WOC

After setting all plugs and waiting on cmt to set up, we will cut the surface casing off and weld a cap on it.

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: 6/2/2015

Email: Angela.Neifert-Kraiser@Wpxenergy.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: KRABACHER, JAY

Date: 6/4/2015

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

Expiration Date: 12/3/2015

**COA Type**

**Description**

	in addition to post-P&A WBD, opr should also furnish pre-P&A WBD
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**Attachment Check List**

**Att Doc Num**

**Name**

400847494	FORM 6 INTENT SUBMITTED
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Total Attach: 1 Files

**General Comments**

**User Group**

**Comment**

**Comment Date**

Engineer	added open-hole to "casing" tab, presume hole size is same as APD	6/4/2015 1:32:13 PM
Permit	Passes Permitting. Request operator send post-plug wellbore diagram and verify GPS.	6/3/2015 7:07:39 AM

Total: 2 comment(s)