



Re: Youberg RU 34-7 Well Proposed P&A

1 message

Jay Krabacher <jay.krabacher@state.co.us>

Fri, May 29, 2015 at 8:19 AM

To: "Goudie, Dylan" <Dylan.Goudie@wpxenergy.com>

Cc: "Beavers, Kinzie" <Kinzie.Beavers@wpxenergy.com>, "McAdam, Douglas" <Douglas.McAdam@wpxenergy.com>

Thanks Dylan:

Looks good to me. I presume you/WPX got your "verbal" last night after I spoke with Kinzie.

Jay K

On Thu, May 28, 2015 at 10:36 PM, Goudie, Dylan <Dylan.Goudie@wpxenergy.com> wrote:

Jay, after speaking with the BLM and getting your requests from Kinzie, I have created a revised P&A procedure below. Please take a look and give me a call back or email so that I have your verbal approval to proceed. The major changes to note, plugs 1,2, and 3 have all increased in length, and we will be tripping in the hole to tag and verify plug tops on plugs 1,2, and 3.

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.

Regards,

Dylan Goudie

Office: (970) 623-8936

Cell: (970) 319-8089

From: Goudie, Dylan
Sent: Thursday, May 28, 2015 7:55 PM
To: 'jay.krabacher@state.co.us'
Cc: Beavers, Kinzie; McAdam, Douglas
Subject: Youberg RU 34-7 Well Proposed P&A
Importance: High

Good evening Jay, due to the lost circulation and lack of progress while drilling the RU 34-7 well as a company we have decided not to proceed any further and are requesting verbal approval to P&A this well. Based on the depth we drilled to, we have only drilled into the top of the Mesaverde formation and have not had any signs of hydrocarbons yet. Please see the information listed below and the proposed plug and abandonment procedure I have put together. Please let me know how to proceed and if you approve of the proposed procedure. Additionally I would like to know if we will be required to trip in the hole and tag all of the plugs in order to verify the top of cement? Please give me a call when you can to verify that you received this

email

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

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 6281'
 - a. Pump 20 bbls of water spacer ahead
 - b. Pump 12.2 bbls (60 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (100 ft plus 10% excess cmt per 1000')
 - 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

***DO WE NEED TO TAG PLUG BEFORE SETTING NEXT PLUG?**

Plug #2

1. TIH open-ended to 3281 ft
2. Circulate and condition in preparation of pumping cmt plug
3. Mix and pump balanced plug from 3381' to 3281'
 - a. Pump 20 bbls of water spacer ahead
 - b. Pump 9.9 bbls (48 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (100 ft plus 10% excess cmt per 1000')
 - 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

***DO WE NEED TO TAG PLUG BEFORE SETTING NEXT PLUG?**

Plug #3

1. TIH open-ended to 50 ft below the surface casing shoe (Set @ 1352' MD)
2. Circulation and condition in preparation of pumping cmt plug
3. Mix and pump balanced plug from 1402' to 1302'
 - a. Pump 20 bbls of water spacer ahead
 - b. Pump 8.7 bbls (43 sks) of 15.8 PPG Class G cement, 1.15 cuft/sk yield (100 ft plus 10% excess cmt per 1000')
 - 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

***DO WE NEED TO TAG PLUG BEFORE SETTING NEXT PLUG?**

Plug #4 (Surface Plug)

1. TIH open-ended to 50 ft below ground level
2. Mix and pump balanced 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 to balance plug
 - e. Trip above top of plug and circulate drill pipe clean
 - f. Trip out of hole, WOC

***DO WE NEED TO TAG PLUG BEFORE RELEASING FROM THIS WELL?**

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

Regards,

Dylan Goudie

Drilling Engineer - Piceance Basin

WPX Energy - Rocky Mountain, LLC

Email: Dylan.Goudie@wpxenergy.com

Office: (970) 623-8936

Cell: (970) 319-8089



Jay Krabacher

N W Area Engineer



COLORADO

**Oil & Gas Conservation
Commission**

Department of Natural Resources

P 970.625.2497 x4

C 970.589.6180

796 Megan Ave., Suite 201, Rifle, CO 81650

jay.krabacher@state.co.us | www.colorado.gov/cogcc