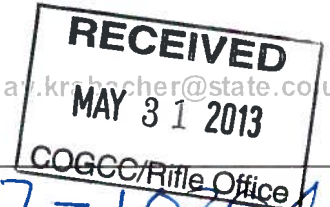


STATE OF  
COLORADO

cher - DNR, Jay &lt;jay.krabacher@state.co.us&gt;

**Whittaker Flats Casing Update**

3 messages

077-10204

**Donahue, Jessica** <Jessica.Donahue@blackhillscorp.com>  
To: "(jay.krabacher@state.co.us)" <jay.krabacher@state.co.us>  
Cc: "Nelson, Lance" <Lance.Nelson@blackhillscorp.com>

Fri, May 31, 2013 at 11:32 AM

Jay,

As per our earlier phone conversation, Black Hills would like to propose the following changes to the casing and cementing program, with which you concurred:

## Original Production Casing and Cement Program:

5 1/2" 17# N-80, 0' - 5450'

4 1/2" 11.6# N-80, 5450' - 16951'

Cement: 1015 sx Class G, 15 ppg

## Updated Production Casing and Cement Program:

5 1/2" 20# P-110, 0' - 7760'

4 1/2" 11.6# P-110, 7760' - 16960'

Lead Cement: 20 sx Halcem, 12.6 ppg, 1.75 ft<sup>3</sup>/sk yieldTail Cement: 1240 sx Halcem, 13.5 ppg, 1.45 ft<sup>3</sup>/sk yield

I will submit a sundry electronically to this same effect today.

Jessica Donahue

Regulatory Technician

Black Hills Exploration and Production

1515 Wynkoop St.

Suite 500

Denver, CO 80202

Phone: 720-210-1333

Cell: 303-888-4862

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**Krabacher - DNR, Jay** <jay.krabacher@state.co.us>

To: "Donahue, Jessica" <Jessica.Donahue@blackhillscorp.com>

Fri, May 31, 2013 at 1:46 PM

Thanks, but ... could the email also contain the WELL NAME & API #?  
I like to see those identifying quantifiers in the subject line, but that's just me ...

Thanks again,

Jay K

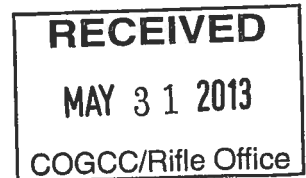
[Quoted text hidden]

-

**Jay Krabacher**

N W Area Engineer

C O G C C



cosas son mas como son ahora que ellas siempre fueron

**Donahue, Jessica** <Jessica.Donahue@blackhillscorp.com>

To: "Krabacher - DNR, Jay" <jay.krabacher@state.co.us>

Fri, May 31, 2013 at 1:48 PM

Jay,

Of course, I apologize.

The well is the WhF DHS3C-20 D17998, API # 05-077-10204.

Let me know if you need anything else.

Jessica Donahue

Regulatory Technician

Black Hills Exploration and Production

1515 Wynkoop St.

Suite 500

Denver, CO 80202