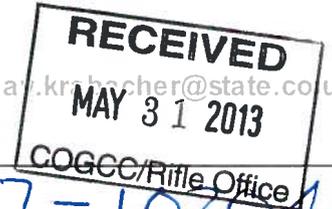




STATE OF COLORADO



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



077-10204

Whittaker Flats Casing Update

3 messages

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 ft3/sk yield
- Tail Cement: 1240 sx Halcem, 13.5 ppg, 1.45 ft3/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