

From: [Craig Burger - DNR](#)
To: ["Li, Ningning"](#)
Subject: RE: Debeque 1-18 P&A Proposal
Date: Friday, May 27, 2016 2:35:00 PM

COGCC Doc#2597210

Ningning,

As discussed you can proceed with the P&A. The Form 6 NOI has been submitted (COGCC doc # 401055126) but it may be a few days before it is formally approved.

Let me know if the BLM wants any changes to the procedure.

Craig Burger
Northwest Area Engineer



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From: Li, Ningning [mailto:Ningning.Li@blackhillscorp.com]
Sent: Friday, May 27, 2016 8:47 AM
To: craig.burger@state.co.us
Subject: Debeque 1-18 P&A Proposal

Craig,

As per our conversation this morning, attached is the caliper log showing a "popped collar" around 2450 which is about 200' above top perf. Please see my attached P&A procedure and caliper log.

Thank you for your verbal confirmation this morning and we will probably start on Wednesday the 2nd of June.

Ningning

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Black Hills Plateau Production, LLC

A Black Hills Corporation Enterprise

Debeque Canyon 1-18

NWSE 189S 97W

API # 05-077-08719

Mesa County, Colorado

Spud 3/27/01 TD 4/1/01 Completion

GL: 5025' KB: 5036' PBD: 2797' TD 2850'

Formation Tops:

Cameo 2040

Rollins

Cozzette 2552

Corcoran 2782

Surface casing: 8 5/8" 24# J-55, LT&C, 10 jts, 418'

TOC @ surface Cemented w/ 122 sx Class G

Production casing: 5 1/2" 64 jts, set @ 2850

Tubing: 2 3/8" 4.7 J-55 EUE, EOT 2658'

Perforations: **Corcoran (6/13/01)**– 2637'-46', 2649'-51', 2656'-59', 2666'-2671', 2674'-2678', 2684'-2685'

Packer:

Rods: None

Production:

History: 6/13/01 Perf Corcoran

6/29/01 **Frac Corcoran** Foam frac 70 Q N2 w/190,000# 20/40 sd, 10,000# resin coat tail in, isip = 1246

Notes: **Potential casing weight changes as indicated by caliper. 4.950" ID, but some spots indicate 4.85. For safety lets RIH with nothing more than 4.75.**

NOTIFY COGCC

Notify landowner 7 days and COGCC 48 hrs prior to moving in. Check bradenhead pressure prior to operations and contact BHPP engineer if pressure is greater than 70 psi.

1. Set and test deadman anchors as necessary.
2. MIRU workover rig. ND WH. NU BOP's.
3. TIH w/CR. Set @ 2380, sting in and pump 150 sks or until we catch pressure. Sting out and dump 2 sks of cement on top.

4. RIH w/WL and Shoot 4 circulating holes @ 1320, POH.
5. RIH w/CR set @ 1280', sting in and pump 45 sks of cement. Sting out and dump 2 sks of cement on top.
6. RIH/WL and Shoot 4 circulating holes @ 468'. POH
7. TIH and Mix 350 sks of cement and bring to surface with all valves open.
8. Dig out wellhead, cut off 8 5/8" Casing and 5 1/2" casing 6' below ground level. Install dry hole marker plate as per COGCC
9. Reclaim location and file necessary sundries