

## Keith Caplan

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**From:** Burn - DNR, Diana <diana.burn@state.co.us>  
**Sent:** Wednesday, August 26, 2015 12:19 PM  
**To:** Keith Caplan  
**Subject:** RE: Rig skid guidance

Keith - I am good with the details provided with the skid description standing in for an NOIA.

Thanks,  
Diana

On Aug 26, 2015 9:10 AM, "Keith Caplan" <[KCaplan@bonanzacrk.com](mailto:KCaplan@bonanzacrk.com)> wrote:

I requested drilling department get updated DD plan and WBD to me today.

Surveyor working on un-official plat and revised MWP.

The replacement well will be drilled 40' North of lost hole. There is a Codell well that was spud between these two spots, on 20' center. None of the other wells in this line will be affected.

I will be submitting the NOI Form 6 and a new APD as directed.

On the Sundry I will include the request to change the name of the lost hole to "Lost NPP31T3434HNB"

Thanks Diana.

Keith S. Caplan

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NYSE : BCEI

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**From:** Diana Burn - DNR [mailto:[diana.burn@state.co.us](mailto:diana.burn@state.co.us)]

**Sent:** Tuesday, August 25, 2015 6:41 PM

**To:** Gary Johnson; Steve Jenkins - DNR; Jason Kosola - DNR; Barbara Westerdale - DNR

**Cc:** Keith Caplan

**Subject:** RE: Rig skid guidance

Thank you – please submit APD as soon as you determine which ‘slot’ you will use for the redrill.

Diana

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**From:** Gary Johnson [mailto:[GJohnson@bonanzacrk.com](mailto:GJohnson@bonanzacrk.com)]

**Sent:** Tuesday, August 25, 2015 1:40 PM

**To:** Diana Burn - DNR; [steve.jenkins@state.co.us](mailto:steve.jenkins@state.co.us)

**Cc:** Keith Caplan

**Subject:** RE: Rig skid guidance

Diana,

Per our conversation this morning regarding API 05-123-41763., rig skid, lost hole.

- b. Provide all of the following information by email to the appropriate COGCC Engineer shown above in Step 1.a. i. Explanation of the situation that has resulted in a lost hole and the need to plug the lost hole **1. Drilled 13-1/4" hole to 1680'. Ran 9-5/8", 36#, J-55 casing. Casing became stuck at 1120'. Cannot pull casing, cannot circulate to cement.**
- ii. Total measured depth reached in the lost hole **2. 1680'**
- iii. Casing set – size(s) and measured depth(s) **3. 9-5/8", 36#, J-55 casing stuck at 1120'**
- iv. Description of fish in the hole (if any) – including top and bottom measured depths **4. No fish in casing, casing at 1120' to surface.**
- v. Description of proposed plugs: setting measured depths, heights, and cement volumes **5. Fill casing with 308 sacks, 80 BBL, Type 3 cement with 1% CaCl<sub>2</sub> and .25#/sk poly flake. Weight 14.2 #/gal, yield 1.46 ft<sup>3</sup>/sk. Shoe at 1120', float collar at 1081', top of cement at surface. Cut off casing at bottom of cellar and weld on steel plate.**
- vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk) **6. Type 3 cement with 1% CaCl<sub>2</sub> and .25#/sk poly flake. Weight 14.2 ppg, yield 1.46 cf/sk.**
- vii. Proposed objective formation(s) for replacement well – new or same as lost hole **7. Proposed objective formation same as lost hole, Niobrara.**
- viii. BHL target for replacement well – new or same as lost hole (NOTE: a change in the BHL must be reviewed and approved by COGCC Permitting prior to completing the replacement well. Drilling a well to an unapproved BHL could result in an NOAV, plugging the well, or both). **8. BHL target for replacement well will be the same as that for lost hole.**

Thanks for your help with this.

**Gary J. Johnson**

Drilling Manager

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**From:** Diana Burn - DNR [<mailto:diana.burn@state.co.us>]  
**Sent:** Tuesday, August 25, 2015 9:14 AM  
**To:** Gary Johnson  
**Subject:** Rig skid guidance

Diana Burn, P.E.

Eastern Engineering Supervisor



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