

**From:** [Katz - DNR, Aaron](#)  
**To:** [Dustin Childers](#)  
**Cc:** [Kussum Kanguru](#); [BJ Reynolds](#); [Tyler Gillam](#); [Jeff Kirtland](#); [Kyle Kohl](#)  
**Subject:** Re: Confidential - Lost in Hole Rig Skid - NR 332-4 P&A  
**Date:** Sunday, August 14, 2022 1:16:46 PM

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Dustin, Thank you for keeping me updated throughout the weekend. Please proceed as outlined in the plugging procedure and contact me with any changes or questions. Please see the COA's below for the plugging operations.

1) Provide electronic Form 42 Notice of MIRU 2 business days ahead of operations.

Notify field inspection unit of short notice due to unplanned wellbore conditions and plugging operations.

2) File a Form 6 Intent and Subsequent Report of Abandonment

3) Operator shall implement measures to control venting and to ensure that vapors and odors from well plugging operations do not constitute a nuisance or hazard.

4) This well has federal minerals. Operator shall notify COGCC engineering staff of any plugging changes required by the BLM or unexpected conditions in the field as soon as feasible. Primary contact is Aaron Katz at 970-765-6300. Alternate COGCC contact is Craig Burger at 970-319-4194.

5) Tag the surface shoe plug and contact area engineer if cement top is lower than the proposed procedure

Regards,

Aaron Katz

West Area Engineer



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On Sun, Aug 14, 2022 at 10:47 AM Dustin Childers <[dchilders@terraep.com](mailto:dchilders@terraep.com)> wrote:

Aaron,

As discussed, following fishing operations on H&P 329 since 8/9/22, TEP would like to seek approval to proceed with plugging the NR 332-4 and skid rig to the next well after securing the wellbore.

Please see the attached supporting information:

- P&A Procedure with Current and Proposed WBD
- Drilling reports since the beginning of fishing operations
- BHA left in hole
- Directional Plan showing nearby offset wells on pad

Below are the COGCC Lost in Hole Rig Skid Requirements for reference:

- i. Explanation of the situation that has resulted in a lost hole and the need to plug the lost hole
  - a. While drilling ahead in 8-3/4" production hole at 10,082' a washout in the drill string was observed via decline in stand pipe pressure and the decision was made to trip out of hole to locate wash. During the trip out of hole the drill string parted at the 5" body and top of fish was determined to be 1360' below surface. Fishing operations began on 8/9/22. The first fishing attempt resulted in leaving junk in the hole from the overshot which led to several efforts to retrieve and ultimately mill to dress off top of fish. Later attempts were made to back off drill pipe just below top of fish via wireline in order to recover 5" tube, leaving box end as TOF for an ideal scenario for screw in recovery. Additional efforts have been made with washpipe mill shoe methods to clear out any obstructions within the 8-3/4" x 4-1/2" annulus along with several magnet runs to remove metal debris. Please see attached detailed drilling reports for further information.
- ii. Total measured depth reached in the lost hole
  - a. 10,082' MD
- iii. Casing set – size(s) and measured depth(s):
  - a. 9 5/8" 36# Surface Casing – set at 1,137' MD (Please see attached WBD)
- iv. Description of fish in the hole (if any) – Including top and Bottom Measured Depths

- a. Included in Current WBD & BHA
  - v. Description of proposed plugs: setting measured depths, heights, and cement volumes
- a. Included in Procedure & Current/Proposed WBD
  - vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)
- a. Included in Procedure & Current/Proposed WBD
  - vii. Proposed objective formation(s) for replacement well – new or same as lost hole
- a. Same formation as lost hole.
- b. TEP Rocky Mountain has not determined if we will drill a Replacement Well at this time. TEP will follow up with the necessary steps if a Replacement Well is desired.
- 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).
- a. TEP Rocky Mountain has not determined if we will drill a Replacement Well at this time. TEP will follow up with the necessary steps if a Replacement Well is desired.

Thanks,

Dustin

936-524-8828

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