From:	Wolfe - DNR, Stephen
To:	Dave Andrews - DNR; Jerry Thorstad; diana.burn@state.co.us
Cc:	Logan Siple; Robert Samples
Subject:	[EXT]Re: Crestone Peak Resources Operating LLC - Hingley 3I-18H-N167
Date:	Sunday, January 05, 2020 7:46:16 PM

Jerry,
I have discussed this with Dave Andrews and he has authorized me to give verbal approval to proceed.

Thanks,
Steve

On Sun, Jan 5, 2020 at 3:14 PM Jerry Thorstad <jerry.thorstad@crestonepr.com> wrote:

> Diana, Stephen
>
> Crestone Peak Resources is requesting approval to perform a sidetrack in the Hingley 3I-18H-N167 well.
>
> We have encountered formation instability and are wanting to plug-back and re-drill the wellbore curve section.
>
> **Hingley 3I-18H-N167**
>
> **S18-T1N-R67W, Weld County, CO**
>
> **ORIGINAL WELLBORE**
>
> API: 05-123-47422 00 00
>
> COGCC: 401 539 668
>
> **Approved: 07/23/2018**
>
> Per COGCC Guidance Document:
>
> i. Explanation of the situation that has resulted in the need to sidetrack/plug-back/temporary abandon
>
> **Crestone has encountered formation instability.**

ii. Total measured depth reached in the wellbore being plugged back

Original wellbore total depth is 8,796 ft MD-KB / 7,860 ft TVD-KB.

iii. Casing set – size(s) and measured depth(s)

9 5/8" 40 lb/ft J-55 casing set at 2,590 ft MD-KB.

iv. Description of fish in the hole (if any) – including top and bottom measured depths

No BHA or Drillstring fish in the wellbore.

v. Description of proposed plug(s): setting measured depths, heights, and cement volumes

Crestone will set one (1) cement plug in the original wellbore.

Cement Plug Top @ ~6,800 ft MD-KB

Bottom @ 7,455 ft MD-KB

Length: ~ 655 ft

Volume: ~ 50 bbl (243 sxs)

vi. Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk)

Cement to be used is 15.8 ppg Class G Cement 1.16 ft^3/sk.

vii. Measured depth of proposed sidetrack kick-off point

Proposed sidetrack kick-off point is ~6,800 ft MD-KB.

viii. Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned

Same original formation objective. Crestone will continue drilling original wellbore plan and run/cement production casing per original approved APD.

ix. BHL target for sidetrack hole – new or same as the wellbore being abandoned (NOTE: a change in the BHL must be reviewed and approved by COGCC Permitting prior to completing the sidetrack.

Drilling a sidetrack to an unapproved BHL could result in an NOAV, plugging the well, or both).

Same BHL target as the original approved APD.

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Stephen Wolfe
303-894-2100 x5187
303-882-0224 (c)