

From: Diana Burn - DNR <diana.burn@state.co.us>
Sent: Thursday, September 29, 2022 11:39 AM
To: Trevor Smith <trevor.smith@iptwell.com>; Eden Espino-Rodriguez - DNR <eden.espino-rodriguez@state.co.us>
Cc: Siji Chaparro <siji.chaparro@iptwell.com>; Jeff Overman <joverman@bayswater.us>; Lauren Walsh <lwalsh@bayswater.us>; Sam Champlin - DNR <sam.champlin@state.co.us>; Garrison, Penny <penny.garrison@state.co.us>; Steve Jenkins - DNR <steve.jenkins@state.co.us>
Subject: RE: Sidetrack Notice: 05-123-51756 - Ruby West #6

Please proceed as proposed. Once APD is submitted, please notify Sam Champlin.

Thanks,
Diana

From: Trevor Smith <trevor.smith@iptwell.com>
Sent: Thursday, September 29, 2022 10:21 AM
To: Diana Burn - DNR <diana.burn@state.co.us>; Eden Espino-Rodriguez - DNR <eden.espino-rodriguez@state.co.us>
Cc: Siji Chaparro <siji.chaparro@iptwell.com>; Jeff Overman <joverman@bayswater.us>; Lauren Walsh <lwalsh@bayswater.us>
Subject: Sidetrack Notice: 05-123-51756 - Ruby West #6

Diana,

Following our conversation earlier today, Bayswater E&P will be sidetracking the Ruby West #6 well (05-123-51756) and seeks initial approval given the information below.

COGCC approval is required prior to drilling any sidetrack of any wellbore (Rules 303a.(1) and 303a.(4)). The operator must obtain verbal approval from an authorized COGCC representative prior to plugging back and/or sidetracking, and the operator must submit required forms and data after the sidetrack operations have started.

OPERATOR

Contact (by phone & email) COGCC Engineering to request approval to plug back a wellbore and/or drill an unplanned sidetrack

Engineering Manager = Diana Burn 303-918-6320 (diana.burn@state.co.us)

Provide all of the following information by email to the appropriate COGCC Engineer shown above in Step 1.a. Include API# in all correspondence.

Explanation of the situation that has resulted in the need to sidetrack

We drilled the Ruby West #6 well following our original plan and reached a total depth of 15,580' MD last evening and had to make preparations for a bit trip due to loss of ROP. After standard hole cleaning procedures and ensuring the shakers were clean of excess debris and cuttings, we began tripping out of the hole to replace the BHA and continue drilling the rest of the lateral section. Upon pulling the string and reaching the BHA, we noticed that the bit had come loose from the housing and was deemed to have been lost at the bottom of the drilled portion of the lateral. IPT/Bayswater plans to perform an openhole sidetrack at around 15,000' and set/cement the 5-1/2" production string in the approved sidetracked wellbore.

Total measured depth reached in the wellbore being plugged back

15,580 ft

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

This is a planned monobore so no liner or production casing has been run yet. Surface casing is set at 1,571.34 ft.

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

Total Length of Fish = 20.25"

Top of Fish @ ~15,578' MD

Bottom of Fish @ 15,580' MD

Fish:

Ulterra RPS516 bit (20.25")

Description of proposed plugs: setting measured depths, heights, and cement volumes
No plugs are being proposed. A sidetrack/trough point has been identified at 15,000 ft MD that meets the criteria for redirecting the wellbore. Oil based mud with density of ~10.9 ppg will be left in the abandoned lateral section.

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

Measured depth of proposed sidetrack kick-off point

15,500 ft MD

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

The objective formation is the same: Codell.

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).

BHL of the sidetrack will be roughly the same. Original plan was 2300 ft FNL and the sidetrack plan will be roughly 2275 ft FNL of Sec. 11 T7N R65W (15-20' to the north). Both are 470 ft FWL of the section. The new directional plan showing the sidetrack and the original plan will be sent with the updated Form 2.

Trevor Smith

Drilling Engineer

O: 720-420-5749 | M: 720-335-9045

trevor.smith@iptwell.com



IPT Well Solutions
1707 Cole Blvd, Suite 200
Golden, CO 80401