

From: [Diana Burn - DNR](#)
To: [Steve Godfrey](#); [Laurel Faber - DNR](#); [Dirk Sutphin - DNR](#)
Cc: [Matthew Schwartz](#); [Tim Brown](#); [Delores Montoya](#); [Marjie Rael](#); [Matt Barber](#); [Melissa Luke](#); [Sheila Singer](#); [DJDrilling Super](#)
Subject: RE: High Point Resources Unplanned Sidetrack: Park 4-63-4-0108B (05-123-49070)
Date: Wednesday, February 6, 2019 1:45:34 PM

Please proceed as proposed. Please send the document # to Laurel when done.

Thanks,
Diana

From: Steve Godfrey [mailto:sgodfrey@hpres.com]
Sent: Wednesday, February 06, 2019 6:25 AM
To: Diana Burn - DNR
Cc: Matthew Schwartz; Tim Brown; Delores Montoya; Marjie Rael; Matt Barber; Melissa Luke; Sheila Singer; DJDrilling Super; Steve Godfrey
Subject: High Point Resources Unplanned Sidetrack: Park 4-63-4-0108B (05-123-49070)

Ms. Burn;

Please see the summary below detailing our plans to sidetrack the Park 4-63-4-0108B (05-123-49070). Please let us know if you need any additional information.

- While drilling the 8-1/2" vertical-curve section of the well we were unable to achieve sufficient build-rates to land the wellbore at the planned landing point. After tripping out of the hole and running back in with a more aggressive motor, we were still unable to achieve the necessary build rates. A third attempt was also unsuccessful. As a result, we made the decision to openhole sidetrack above the planned KOP in order to land the well at the appropriate depth.
- The total measured depth of the wellbore which we are abandoning is 6508' MD.
- The 9-5/8" surface casing string is set and cemented at 843' MD
- There is no fish in the hole.
- There will be a 500' cement plug pumped inside the 8-1/2" open hole casing string from 6200' – 5700' MD. The estimated volume of cement (+ 20% excess) is 240 cubic ft.
- Cement slurry for plug: Class G, 17 ppg, 0.9912 cu ft./sack
- The Sidetrack KOP is estimated to be at 5950' MD.
- The objective formation for the sidetrack hole is the Niobrara formation, which is the same objective formation as the wellbore being abandoned.
- The PBHL of the sidetrack hole is the same as the wellbore being abandoned.

The "Application for Permit to Drill a Sidetrack Wellbore, Form 2" will be submitted at the end of the next business day as per COGCC guidelines.

Sincerely;

Steve Godfrey
High Point Resources
Drilling Consultant