

From: Burn - DNR, Diana <diana.burn@state.co.us>
Sent: Sunday, November 25, 2018 7:50 PM
To: Ty Entenmann <tentenmann@extractionog.com>; Garrison, Penny <penny.garrison@state.co.us>; Eric Jacobson - DNR <eric.jacobson@state.co.us>
Cc: Kamrin Ruder <kruder@extractionog.com>
Subject: Re: Duck Club 12W-20-12C Sidetrack

Please proceed as proposed - please send the document # once the APD is uploaded.

Thanks,
Diana

On Sun, Nov 25, 2018 at 3:18 PM Ty Entenmann <tentenmann@extractionog.com> wrote:

Diana,

We were two thousand feet from TD. We chewed through a couple bits on the Duck Club 12W-20-12C—then made a routine trip to swap the bit and found that we left the bit box off the motor and drill bit downhole (3' in length). Rather than attempting to fish this at nearly 16,000' we would prefer to sidetrack and leave this in the ground.

We abandoned the fish and sidetracked around it. The sidetrack was at 14,877'. We then drilled around the fish and back to the original proposed bottom hole location.

API # - 05-001-10158-00

Total MD Drilled – 15,924'

Surface Casing – 1550'

Proposed Fish – Motor box and bit from 15,921' to 15,924' (3' long)

Open hole sidetrack plan: to drill

Depth of Sidetrack-14,877'

Objective formation of sidetrack – Codell (same as APD)

Proposed BHL – Sec 10 – TWP 1S 66W 460 FSL 2176 FEL

Thanks and please call with any questions,

Ty Entenmann

