

CORRESPONDENCE

WARD PETROLEUM – SHARP 24-3-11HC – API# 05-001-09801

Saturday 6/28/14 Ed Pilcher called the Eastern Supervisor, Diana Burn with COGCC and notified her of the need to Sidetrack the well due to being out of the Codell far enough that an open hole sidetrack would be beneficial to get back in the Codell. Verbal approval was given via the phone call by Diana Burn.

Diana emailed Ed Pilcher the “UNPLANNED Sidetrack While Drilling: Approval and Reporting Process STATEWIDE (except for the San Juan Basin)”.

Ed Pilcher answered via email the questions in UNPLANNED Sidetrack for Operator 1.b.:

- (I) **Explanation of the situation that resulted in the need to sidetrack:**
While drilling the lateral we got out of the Codell far enough that we decided that it would be worthwhile to come back up the hole & sidetrack to get back in the Codell.
- (II) **Total measured depth reached in the wellbore being plugged back:**
10239'
- (III) **Casing Set:**
9 5/8" set at MD 1235' KB, 7" set at MD 8243' KB.
- (IV) **Description of fish in the hole (if any) – include top and bottom measured depths:**
No fish left in hole.
- (V) **Description of proposed plugs: setting measured depths, heights, and cement volumes:**
No plugs set - this will be an open-hole sidetrack.
- (VI) **Type of cement to be used for all plugs, including slurry weight (ppg) and yield (cf/sk):**
N/A
- (VII) **Measured depth of proposed sidetrack kick off point:**
8638' MD.
- (VIII) **Proposed objective formation(s) for sidetrack hole – new or same as the wellbore being abandoned:**
Codell - same as bore being abandoned.
- (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):**
BHL will remain the same as originally permitted – Target depth 7778' TVD for sidetrack.