

From: [Craig Burger - DNR](#)
To: ["Jason Bundick"](#)
Cc: ["Vicki Schoeber"](#); ["Whitney Szabo"](#); ["Kyle Kohl"](#); ["Mark Mewshaw"](#); ["Lynn Cass"](#)
Subject: RE: MV 16-9 Pad Low TOC Notification
Date: Friday, July 15, 2016 10:58:00 AM
Attachments: [image003.png](#)

Jason,

TEP can proceed with the planned completions.

The low TOC will need to be addressed with one of the following options:

Option 1: Remediate the production casing to provide cement coverage specified in the COA. A sundry notice for intent is required. Rule 317.e requires prior written approval on a Form 4 Sundry Notice prior to casing repair operations or any changes to the casing or cement in the wellbore. Verbal approval can be obtained for unforeseen casing repairs during well operations.

Option 2: Provide a conclusive, written demonstration with attached exhibits on a Sundry Notice using drilling records, bradenhead pressures, logs, water well records and/or any offset oil & gas well records to demonstrate that fluids (oil, gas, and water) and coal seams are adequately isolated to prevent cross-zone migration. If the demonstration is acceptable, then we will waive the COA requirement.

I will put this correspondence in the well files.

Craig Burger
Northwest Area Engineer



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From: Jason Bundick [mailto:JBundick@terraep.com]
Sent: Friday, July 15, 2016 9:09 AM
To: craig.burger@state.co.us
Cc: Vicki Schoeber; Whitney Szabo; Kyle Kohl; Mark Mewshaw; Lynn Cass
Subject: MV 16-9 Pad Low TOC Notification

Craig,

This email is to notify you that out of 4 wells awaiting completions on the MV 16-9 pad, two wells have a low top of cement. Neither well has bradenhead pressure, and we would like to schedule them for completions. Please advise.

API #: **05045225310000**

- New drill- GM 322-9
- Top of Cement- 4,200'
-

This well **doesn't** cover the top of Mesa Verde, Mesa Verde Top Geology pick: 3,571

- This well **does** cover the top of gas pick: 4,721'
- Bradehead pressure is 0 psi
- The planned top perf is approximately 529' below the top of cement

API #: **05045225340000**

- New drill- GM 542-8
- Top of Cement- 4,230'
- This well **doesn't** cover the top of Mesa Verde, Mesa Verde Top Geology pick: 3,481
- This well **does** cover the top of gas pick: 4651
- Bradehead pressure is 0 psi
- The planned top perf is approximately 529' below the top of cement

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