



02121501

045-20838

Krabacher, Jay

To: Schmidt, Andrew
Cc: Trahan, Kristin; Davis, Gregory; Foster, Nicole; Tannehill, Julie; Burt, Samuel; Andrews, David; King, Kevin
Subject: RE: SG 311-23 Low TOC and Remediation Procedure



Andrew:

WPX can proceed with the completion operations. Please notify COGCC if the bradenhead pressure approaches 200 psi.

Jay Krabacher

From: Schmidt, Andrew [mailto:Andrew.Schmidt@wpxenergy.com]
Sent: Monday, April 16, 2012 3:46 PM
To: Krabacher, Jay; King, Kevin
Cc: Trahan, Kristin; Davis, Gregory; Foster, Nicole; Tannehill, Julie; Burt, Samuel; Andrews, David
Subject: RE: SG 311-23 Low TOC and Remediation Procedure

Kevin,

Per your email below, we went ahead with the remediation procedure on the SG 311-23 on Monday, April 9th. The new TOC is 3,956'. This email is to inform you that:

- This is a new well and initial completion operations are scheduled to begin April 20th.
- The cement remediation that was performed gave us a new TOC @ 3956'.
- The cement now covers all zones we are completing.
- The cement now covers the geologist's pick for the top of gas.
- The cement still does NOT cover the geologist's pick for the top of Mesa Verde.
- No bradenhead pressure was observed.

The new TOC gives us nearly 375' cement coverage above our proposed top perforation. Our current plan is to move forward with completion operations. During the operations, we will be monitoring the bradenhead. Please advise if this is acceptable.

| Sec | Twn | Rng | Well | API | CBL TOC | Top of MVRD | Short* | Top of Gas | Top Perf | Cmt over Perf | Bradenhead Press Before Completion |
|-----|-----|-----|-----------|-----------------------------|---------|-------------|--------|------------|----------|---------------|------------------------------------|
| 23 | 7 | 96 | SG 311-23 | 05-045- 20638 | 3,956 | 2,816 | -1,340 | 4,122 | 4,330 | 374 | 0 |

*Note: I'm assuming 200' above MVRD for cement coverage

You can access our ftp server to download the CBL. The login information is here:

<ftp://ftp.williams.com>

The username is:

valley4

Password is

batcave44

(20838) JK

Thanks
Andrew

From: Krabacher, Jay [<mailto:Jay.Krabacher@state.co.us>]
Sent: Monday, April 09, 2012 10:15 AM
To: Trahan, Kristin
Cc: King, Kevin; Davis, Gregory; Foster, Nicole; Tannehill, Julie; Burt, Samuel; Andrews, David
Subject: RE: SG 311-23 Low TOC and Remediation Procedure

Kristin:

Your plan is acceptable. Please proceed.

Regards,

Jay Krabacher

Jay Krabacher
C O G C C
Petroleum Engineer — EIT III

(970) 625-2497 x4 Work
(970) 589-6180 Mobile

707 Wapiti Ct., # 204
Rifle, CO 81650

From: Trahan, Kristin [<mailto:Kristin.Trahan@Williams.com>]
Sent: Wednesday, April 04, 2012 5:01 PM
To: King, Kevin; Krabacher, Jay
Cc: Schmidt, Andrew; Davis, Gregory; Foster, Nicole; Tannehill, Julie; Burt, Samuel
Subject: SG 311-23 Low TOC and Remediation Procedure

Kevin,

We have a low cement top in the South Grand Valley field. Details are listed below. This email is to inform you that:

- This is a new well and initial completion operations are scheduled to begin April 21, 2012.
- Cement top does NOT cover the geologist's pick for Mesa Verde top
- Cement top does NOT cover the geologist's pick for top of gas
- Cement top does NOT cover all the zones we have an interest in completing.
- No bradenhead pressure was observed.

Our completion plan with regard to the low TOC is to:

- Perform a remediation squeeze job (attached) and wait on CBL results to proceed with completion operations.
- Monitor surface casing pressure during the completion operations
-

| Sec | Twn | Rng | Well | API | CBL TOC | Top of MVRD | Short* | Top of Gas | Top Perf | Cmt over Perf |
|-----|-----|-----|-----------|--------------|------------|----------------|--------|---------------|----------|---------------------|
| 23 | 7 | 96 | SG 311-23 | 05-045-20638 | 4,850 | 2,816 | -2,064 | 4,122 | N/A | N/A |

*Note: I'm assuming 200' above MVRD for cement coverage

I have attached a copy of the CBL and cement squeeze procedure. Please advise if this plan is acceptable.