



**Andrews, David**

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**From:** Andrews, David  
**Sent:** Tuesday, September 21, 2010 3:46 PM  
**To:** 'Caplis, Chris'  
**Cc:** Brady, Scott (Lowell); Caughlin, Bob; Conger, Jeremy; Foreman, Jay; Foster, Nicole; Franzone, Tony; Harris, Steven; Meade, Scott; Morris, John; Yokley, Joe; Conger, Jeremy; Foreman, Jay; Brown, Robert C; Tischler, Alf  
**Subject:** RE: GM 334-32 & SG 433-28 Low TOC

Chris,

Your forward plan is acceptable. Please proceed.

Thanks,

**David D. Andrews, P.E., P.G.**  
Engineering Supervisor - Western Colorado

**State of Colorado**  
**Oil and Gas Conservation Commission**  
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**From:** Caplis, Chris [mailto:Chris.Caplis@Williams.com]  
**Sent:** Friday, September 17, 2010 3:22 PM  
**To:** Andrews, David  
**Cc:** Brady, Scott (Lowell); Caughlin, Bob; Conger, Jeremy; Foreman, Jay; Foster, Nicole; Franzone, Tony; Harris, Steven; Meade, Scott; Morris, John; Yokley, Joe; Conger, Jeremy; Foreman, Jay; Brown, Robert C; Tischler, Alf  
**Subject:** GM 334-32 & SG 433-28 Low TOC

Mr. Andrews,

We have low TOC on the following two wells:

**GM 334-32 – MV well**

1. This well is a new drill and initial MV completion operations are scheduled for Sep. 25<sup>th</sup>, 2010.
2. The cement top for the GM 334-32 was 885' below Top of MVRD pick; however, my bottom perf is 675' below TOC. We have 499' of cement coverage above Top of Gas pick. Braden head pressure has been gauged and is at zero psi.

Sec	Twn	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf
32	6	96	GM 334-32	05-045-17823	4960	4275	885	5459	5635	675

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

**SG 433-28 – MV well**

1. This well is a new drill and initial MV completion operations are scheduled for Oct. 4<sup>th</sup>, 2010.
2. The cement top for the SG 433-28 was 273' below Top of MVRD pick. We have 1,408' of cement coverage above Top of Gas pick. I have not staged out the well, thus top perf has not been picked. Braden head pressure has been gauged and is at zero psi.

Sec	Twn	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf
28	7	96	SG 433-28	05-045-19194	2200	2127	273	3608	n/a	n/a

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

Due to significant cement coverage above TOG and braden pressures of zero psi, the current plan is to move forward with operations on both wells. Please advise if this plan is acceptable.

Regards,

**Chris Caplis**  
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Williams Production Co.  
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