



02054555

Andrews, David

From: Andrews, David
Sent: Monday, September 13, 2010 4:07 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: PA 344-17 & GM 34-32 Low TOC

Follow Up Flag: Follow up
Flag Status: Completed

PER CHRIS CAPLIS ON 9/17 BRADENHEAD
PRESSURES FOR THE TWO WELLS SHOWN
BELOW AND ALL OTHER WELLS ON THE
PAD WERE ZERO. D.A.

Chris,

According to COGCC's records, these wells both have federal minerals. Provided that BLM agrees, these procedures are acceptable. Please proceed with your completion operations on PA 344-17 (lower frac stages, up to a depth of 7770'). Submit cement remediation plans on Sundry Notices for prior approval on both wells before performing the remedial cement jobs.

Thanks,

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

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From: Caplis, Chris [mailto:Chris.Caplis@Williams.com]

Sent: Monday, September 13, 2010 2:55 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; Caplis, Chris; Conger, Jeremy; Foreman, Jay; Brown, Robert C; Tischler, Alf

Subject: PA 344-17 & GM 34-32 Low TOC

Mr. Andrews,

We have low TOC on the following two wells. One is up Cottonwood gulch in the Parachute field, the other is on the west side of the Grand Valley field.

Details below:

PA 344-17 – MV well

1. This well is a new drill and initial MV completion operations are scheduled for Sep. 22nd, 2010.
2. This well is very similar to the PA 544-17 in the same completion group, which we've discussed recently. The cement top for the PA 344-17 was 536' below Top of Gas pick; however, 1,724' of our gas cylinder was covered with good cement. Therefore, I would stay 200' below TOC with my top perf and plan to complete the remaining 1,524' of the gas cylinder. We will remediate at a later date to complete the upper zones we will leave behind due to poor cement.

Sec	Twn	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf
17	6	95	PA 344-17	05-045-18106	7570	5752	2018	7034	n/a	n/a

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

GM 34-32 – MV well

1. This well is a new drill and initial MV completion operations are scheduled for Sep. 25th, 2010.
2. We only have 360' of good cement from the shoe up. We are still puzzled as to why we have such a low TOC. We had no notable losses while drilling. Also, we had good circulation throughout the cement job and decent lift pressure. We logged a week after we cemented the well and the floats held, thus, we are still scratching our heads over how the cement column could have fallen so far. We are still investigating but regardless, we will have to remediate this well before any completions take place.

Sec	Twn	Rng	Well	API	CBL TOC	Top of MVRD	Short*	Top of Gas	Top Perf	Cmt over Perf
32	6	96	GM 34-32	05-045-17829	6840	4085	2955	5296	n/a	n/a

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

I have not generated completion procedures for these wells; that is why I can't give you a top perf depth.

Also, we have not gauged braden heads but I will let you know the results.

As mentioned above, the current plan is to move forward with operations on the PA 344-17, similar to the PA 544-17, but will hold off on completing the GM 34-32 until remediation can take place. Please advise if this plan is acceptable.

Regards,

Chris Caplis

Completions Engineer

Williams Production Co.

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