



02054475

Andrews, David

REQUEST TO COMPLETE WITH LOW TOC

From: Andrews, David
Sent: Wednesday, August 25, 2010 3:54 PM
To: 'Gandler, Greg'
Cc: Walls, Anna V.
Subject: RE: 596-31A-21 completion

Greg,

As you are aware, Condition of Approval No. 3 on Form 4 (Sundry Notice), COGCC Document No. 2054141, approved completions up to 8336' (200' below existing TOC). Completions were not authorized above this depth without remedial cement to raise the TOC. However, based on the excellent bond shown on the 7/16/2009 cement bond log between 8136' and 8322', I am willing to approve your request to complete up to 8322' prior to performing the cement remediation. Please submit your remedial cement procedure on Form 4 prior to commencing the remedial work. Include a summary of bradenhead pressure observations during completion activities on the Form 4.

Thanks,

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

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Oil and Gas Conservation Commission
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CC: COGCC Well File, API No. 05-045-15084

From: Gandler, Greg [<mailto:glgandler@marathonoil.com>]
Sent: Wednesday, August 18, 2010 9:36 AM
To: Andrews, David
Cc: Walls, Anna V.
Subject: 596-31A-21 completion

Dave,

I had a quick question for you regarding the completion on this well. As you probably know from the monthly updates on casing pressure, this well currently doesn't have cement up to the 5500' requirement. Right now top of cement is 8136', and the attached form 4 requires us to notify you regarding completion activities and remedial cement and submit a new form 4. We are slated to begin completions on this well next month.

We plan to frac up to around the 8366' level and I was wondering about access to the sand from 8322'-8345' (I have attached the CBL as well). Can I frac this sand with a reduced allowable surface pressure and no HCl, say 5000 psi max? I will still have over 180' of cement above my perfs. After stimulating that zone (if allowed) we will then begin our squeeze work to bring cement to the 5500 ft requirement. Please let me know if you have any questions on the specifics this request.

Greg Gandler

Piceance Completions

Marathon Oil Company

Office 713-296-1884

Cell 281-881-0158

<<596-31A #21 Form 4.ZIP>> <<596-31A-21 CBL AFTER SQUEEZE.ZIP>>

Andrews, David

BRADENHEAD PRESSURE MONITORING

UPDATE

From: Gandler, Greg [glgandler@marathonoil.com]
Sent: Saturday, August 07, 2010 8:45 AM
To: Andrews, David
Cc: Walls, Anna V.; Weed, Tim E.; Wiskofske, Michael T.; Kelsch, Bruce J.; Goeres, Bryson G.
Subject: RE: July 2010 Update - Marathon Oil Corporation Well 596-31A-#21, Garfield County

Follow Up Flag: Follow up
Flag Status: Flagged

David,
(cc: Anna Walls - MOC Compliance, Tim Weed - Piceance Completion Superintendent, Greg Gandler - Completion Engineer)

Per your request, Marathon has monitored the bradenhead pressure on Well 596-31A-#21. The monthly testing result for June 2010 is as follows:

- Thursday, January 14th: Recorded original 9-5/8" SICP as 86 psi. Bled off to 0 psi in < 10 minute. No fluid was recovered. Recorded pressure on a 0 -150 psi gauge.
- Friday, January 22nd: Recorded 7 day test pressure on the 9-5/8" surface casing as 2 psi. Did not bleed off pressure. Recorded pressure on a 0-100 psi gauge.
- Saturday, February 20th: Recorded monthly test on the 9-5/8" surface casing as 50 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (29) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Monday, March 22nd: Recorded monthly test on the 9-5/8" surface casing as 50 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (30) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Tuesday, April 20th: Recorded monthly test on the 9-5/8" surface casing as 56 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (29) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Wednesday, May 26th: Recorded monthly test on the 9 5/8" surface casing as 55 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (36) days since the last check. Pressure recorded on a 0-60 psi gauge.
- Monday, June 28th: Recorded monthly test on the 9-5/8" surface casing as 52 psi. Bled off pressure to 0 psi (No fluid recovered). It has been (33) days since the last check. Pressure recorded on a 0-100 psi gauge.
- Saturday, August 7th: Recorded monthly test on the 9-5/8" surface casing as 65 psi. Bled off pressure to 0 psi in 10 minutes (No fluid recovered). It has been (40) days since the last check. Pressure recorded on a 0-100 psi gauge.

We will continue monitoring the 9-5/8" bradenhead pressure on a monthly basis as directed. Please let me know if you have any questions or concerns.

Thank you,

Greg Gandler

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