



Burger - DNR, Craig <craig.burger@state.co.us>

**Federal GGU 23A-28-691 CBL delay request**

2 messages

**Benjamin Smith** <bsmith@vnrenergy.com>  
To: "craig.burger@state.co.us" <craig.burger@state.co.us>  
Cc: Scott Ghan <sghan@vnrenergy.com>, Julie Webb <jwebb@progressivepcs.net>

Craig,

Vanguard Operating, LLC is requesting a CBL deferment on the Federal GGU 23A-28-691 described below. A temperature survey was run following cementing the 4-1/2" production casing o

Pad: GGU 13-28  
Well: Federal GGU 23A-28-691  
API No.: 05-045-23534  
Permit No.: 401158868

Location: SW/SW Section 28, T6S, R91W of the 6<sup>th</sup> PM  
Surface Casing: 8-5/8" set and @ 826' with 199 sacks  
Production Casing: 4-1/2" set and cemented @ 7644' with 771 sacks  
Date Cemented: 12/7/2017  
TOC from survey: 1867'  
Top of Gas: 4,733'  
Temp Survey Run date: 12/7/2017  
Volume to fill annulus: 0 Bbls  
72 hour Bradenhead Pressure Monitoring Results: 0 psig  
Updated Bradenhead Pressure, if changed from 72 hour reading: 0 psig

After deferment of the CBL is approved, Vanguard will continue to monitor the Bradenhead pressure until the CBL is run and notify if pressure exceeds 150 psig.

**Bradenhead Monitoring**

**Vanguard GGU 23A-28-691 (3 of 3) Phase 1**

Date	Time	Duration/Hr	PSI/GAL	Action	Well	Date	Time	Dura
Thu 12/7/2017	15:45	0		Bump Plug	Vanguard GGU 23A-28-691 (3 of 3) Phase 1	Sun 12/10/2017	15:45	
Thu 12/7/2017	19:45	4	0	Pressure Check				
Thu 12/7/2017	21:45	6	0	Pressure Check				
Fri 12/8/2017	3:45	12	0	Pressure Check				
Fri 12/8/2017	15:45	24	0	Pressure Check				
Sat 12/9/2017	15:45	48	0	Pressure Check				
Sun 12/10/2017	15:45	72	0	Pressure Check				

Thanks!

**Ben Smith**

12/11/2017

State.co.us Executive Branch Mail - Federal GGU 23A-28-691 CBL delay request

**Drilling Manager**

Vanguard Natural Resources, Inc.

5847 San Felipe, Suite 3000

Houston, TX 77057

832-399-3806 Tel

832-377-2284 Fax

[bsmith@vnrenergy.com](mailto:bsmith@vnrenergy.com)

(Please note the new email address)



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**From:** Scott Ghan  
**Sent:** Wednesday, November 29, 2017 9:39 AM  
**To:** Benjamin Smith <[bsmith@vnrenergy.com](mailto:bsmith@vnrenergy.com)>  
**Cc:** Julie Webb <[webb@progressivepcs.net](mailto:webb@progressivepcs.net)>  
**Subject:** RE: CBL delay request

Ben,

Attached is the Mamm Creek NTO that I believe Hans is referring to and I have highlighted the section of this document that outlines his example below. Let's me know if you need any assist

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**From:** Hans Wychgram [<mailto:hwychgram@ursaresources.com>]  
**Sent:** Wednesday, November 29, 2017 8:06 AM  
**To:** Benjamin Smith  
**Cc:** Scott Ghan  
**Subject:** CBL delay request

EXTERNAL - This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected em:

Ben,

Per the Mamm Creek field rules, a CBL delay request needs to be filed with the COGCC. I attached a copy of the text I've often used below, and then they also need the one page temp log to make sure. The rig will email in the 72 hour bradenhead monitoring summary as soon as we get that far past the cement job.

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Ursa Operating Company, LLC is requesting a CBL deferment on the Valley Farms L 33D-11-06-92 described below. A temperature survey was run following cementing the 4-1/2" production

Pad: Valley Farms L

Well: Valley Farms L 33D-11-06-92

API No.: 05-045-22439

Permit No.: 400592770

Location: SE/SE, Section 11, T6S, R92W of the 6<sup>th</sup> PM

Surface Casing: 8-5/8" set and @ 985' with 260 sacks

Production Casing: 4-1/2" set and cemented @ 7387' with 890 sacks

Date Cemented: 1/15/15

TOC from survey: 1950'

Top of Gas: 4,716'

Temp Survey Run date: 1/15/15

Volume to fill annulus: 0 Bbls

72 hour Bradenhead Pressure Monitoring Results: 0 psig

Updated Bradenhead Pressure, if changed from 72 hour reading: 0 psig

After deferment of the CBL is approved, Ursa will continue to monitor the Bradenhead pressure until the CBL is run and notify if pressure exceeds 150 psig.

**Bradenhead Monitoring**

Duration	BHP	Time	Date	Annular Fluid Bbls
6 hours	0	16:11	01/15/15	0
12 hours	0	22:11	01/15/15	0
24 hours	0	10:11	01/16/15	0
48 hours	0	10:11	01/17/15	0
72 hours	0	10:11	01/18/15	0

A Form 4 Sundry has been submitted with the temp log .pdf and .las files (Doc # 400779051).

**3 attachments**

-  **120717\_vanguard\_fed\_ggu\_23a-28-691.las**  
1096K
-  **120717\_vanguard\_fed\_ggu\_23a-28-691.pdf**  
4956K
-  **120717\_vanguard\_fed\_ggu\_23a-28-691\_QL.PDF**  
467K

**Burger - DNR, Craig** <craig.burger@state.co.us>  
 To: Benjamin Smith <bsmith@vnrenergy.com>  
 Cc: Scott Ghan <sghan@vnrenergy.com>, Julie Webb <jwebb@progressivepcs.net>

Mon, Dec 11, 2017 at 8:19 AM

Ben,  
 Vanguard can defer running the CBL on this well.  
 Thanks  
 [Quoted text hidden]  
 --

Craig Burger, P.E.  
 Northwest Area Engineer



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