

STATE OF
COLORADO

COGCC Document No. 2055905

Andrews - DNR, David <david.andrews@state.co.us>

CBL Deferment Request - Federal RU 21-5

Andrews - DNR, David <david.andrews@state.co.us>

Thu, Feb 13, 2014 at 4:35 PM

To: "Porraz, Isac" <Isac.Porraz@wpenergy.com>

Cc: "Haddock, Reed" <Reed.Haddock@wpenergy.com>, "Krabacher - DNR, Jay" <jay.krabacher@state.co.us>

Reed,

Thanks for the additional information. This CBL deferment request is approved.

Dave

CC: COGCC Well File, API No. 045-21777

On Thu, Feb 13, 2014 at 3:55 PM, Porraz, Isac <Isac.Porraz@wpenergy.com> wrote:

Dave,

Here are the answers to your questions. Let me know if you need anything else.

1. Production hole size: 8.75in
2. Casing size: 4.5in
3. Stage tool setting depth (if used): N/A
4. Flowing casing/lift pressure immediately prior to bumping the plug: 2339 psi
5. Pressure to bump plug and time held before bleeding down pressure: 2988 psi and held for 3min
6. Sacks, yield, and slurry weight of lead cement and tail cement: Pumped 10bbl fresh water spacer ahead of 300sks of extendacem™ Lead cmt, 12.7ppg, 1.66 yield. Tail cmt 1050 sks, thermacem™ 13.5ppg, 1.74 yield

Isac J. Porraz

Petroleum Engineer



WPX ENERGY

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From: Andrews - DNR, David [mailto:david.andrews@state.co.us]
Sent: Wednesday, February 12, 2014 8:56 AM
To: Haddock, Reed
Cc: Krabacher - DNR, Jay; Porraz, Isac
Subject: Re: CBL Deferment Request - Federal RU 21-5

Reed,

Kevin is no longer with COGCC, and Jay is out through the end of next week.

There are a couple of different slope changes on the log (including WPX's reported TOC at 3800'). Please reply with the following information to help with this evaluation:

7. Production hole size
8. Casing size
9. Stage tool setting depth (if used)
10. Flowing casing/lift pressure immediately prior to bumping the plug
11. Pressure to bump plug and time held before bleeding down pressure
12. Sacks, yield, and slurry weight of lead cement and tail cement

Thanks,

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

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On Wed, Feb 12, 2014 at 7:33 AM, Haddock, Reed <Reed.Haddock@wpxenergy.com> wrote:

Jay, Dave, & Kevin:

WPX Energy Rocky Mountain, LLC is requesting a CBL deferment on the Federal RU 21-5 located in the Section 5, T7S-R93W. Attached is a temperature survey that was performed after cementing the 4 ½" production casing on the subject well.

Information pertaining to the request is as follows:

Well: Federal RU 21-5
 API: 05-045-21777-00
 Location: Section 5 T7S-R93W
 Surface Csg: 9 5/8" set and cemented at 1162'
 Production Csg Cement Date: 4 1/2" @ 10,004' – cemented 2/7/14
 Cement: 1350 sks
 Cement top from survey: 3800' Estimated
 Estimated top of gas: 7283' Estimated
 Estimated Top Perf: 7286' Estimated
 Temp Survey: 2/9/14, Attached
 Volume to fill annular: Hole remained full following cementing operations

Please let me know if you need additional information to approve this deferment. After deferment is received, WPX Energy will continue to monitor the bradenhead pressure until the CBL has been performed and notify if pressure exceeds 150 psig.

02/07/2014	19:30	6 HR	0 BBL	0 PSI
02/08/2014	01:30	12 HR	0 BBL	0 PSI
02/08/2014	13:30	24 HR	0 BBL	0 PSI
02/09/2014	13:30	48 HR	0 BBL	0 PSI
02/10/2014	13:30	72 HR	0 BBL	0 PSI

Reed Haddock

Regulatory Specialist Staff

WPXENERGY

[303-606-4086](tel:303-606-4086) (Office)

[720-544-3267](tel:720-544-3267) (Cell)

Reed.Haddock@WPXEnergy.com



TEMPERATURE SURVEY

Company WPX ENERGY		Company WPX ENERGY					
Well RU 21-5		Well RU 21-5					
Field RULLISON		Field RULLISON					
County GARFIELD		County GARFIELD					
State COLORADO		State COLORADO					
Location: SHL: 199' FNL & 2597 FWL		API #: 05-045-21777					
Permanent Datum SEC 5 TWP 7S RGE 93W		Ground Level Elevation 7603'					
Log Measured From KB 26'		Other Services NONE					
Drilling Measured From KB		Elevation K.B. 7629' D.F. 7629' G.L. 7603'					
Date 09-FEB-2014							
Run Number ONE							
Depth Driller 10014'							
Depth Logger 9962'							
Bottom Logged Interval 9962'							
Top Log Interval SURFACE							
Open Hole Size 8.75"							
Type Fluid WATER							
Density / Viscosity 8.3#							
Max. Recorded Temp. 227							
Estimated Cement Top 5540'							
Time Well Ready ROA							
Time Logger on Bottom SEE LOG							
Equipment Number 14098							
Location GRAND JUNCTION							
Recorded By P. EDWARDS							
Witnessed By R. OAKS							
Borehole Record		Tubing Record					
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record	Size		Wgt/Ft		Top		Bottom
Surface String	9.625"				SURFACE		1103'
Prod. String							
Production String	4.5"		11.6#		SURFACE		10003'
Liner							

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All interpretations of log data are opinions based on inferences from electrical or other measurements. We do not guarantee the accuracy or correctness of any interpretation or recommendation and shall not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our employees or agents. These interpretations are also subject to our general terms and conditions set out in our current Price Sheet.

Remarks: RIG:NABORS 576 Prints: 1 Service Order #79149276
BUMPED PLUG AT 13:30 07-FEB-2014.
ALL LOGGED INTERVALS PER CUSTOMER REQUEST.
DO NOT USE TO PERFORATE.
THANK YOU FOR USING WEATHERFORD WIRELINE GRAND JUNCTION CO.

BHT		EQUIPMENT DATA	
Bit Size	Run No.	Tool Type	Tool No.
Surface Pressure			
Shut In			



