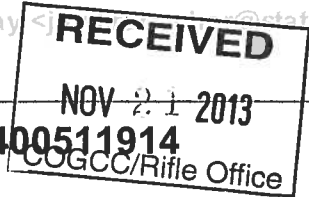


STATE OF
COLORADO

Krabacher - DNR, Jay <jay.krabacher@state.co.us>

**Encana request on the Story Gulch 8507C-23 sundry # 400511914**

7 messages

Yokley - DNR, Bill <bill.yokley@state.co.us>

Thu, Nov 21, 2013 at 7:55 AM

To: Jay Krabacher - DNR <jay.krabacher@state.co.us>

Hey Jay,

By chance have you been in the loop on this one?

A statement in the sundry says "PROCEDURE FOR WELL DEEPENING IS ATTACHED. WE WOULD LIKE TO START THE WORK ON 12/1/13."

Well deepening? the originally approved APD was for 13888'.

Is this sundry more for description on proposed work?

Hopefully you can get me up to running speed on this one.

Thanks,

Bill

-

Bill Yokley

Permitting Technician

COGCC

1120 Lincoln St., Suite 801

Denver, CO 80203

303-894-2100 X5154

E-mail: bill.yokley@state.co.us

www.cogcc.state.co.us

Krabacher - DNR, Jay <jay.krabacher@state.co.us>

Thu, Nov 21, 2013 at 10:11 AM

To: "Yokley - DNR, Bill" <bill.yokley@state.co.us>

Good points, Bill.

I waded through the attached procedure and it "told the whole story." I added a COA in the Sundry asking for documentation of the "verbal approval from regulatory agencies" to change the drilling plan this past September – due to "hole difficulties." I'm fairly sure it wasn't me!

Again, you're right – the title sounds mysterious, as the original APD allowed 13+ k total depth and they're calling this a "deepening" while going to a shallower depth. I suppose it's being "deepened" from the present 8700' – where they ended up setting PR casing. The procedure will "deepen" from there.

They plan on trying to go to the 12.9k' or so, and running a liner (3.5") which is a change from the originally-intended 4.5" all the way.

Regards,

Jay K

[Quoted text hidden]

-

Jay Krabacher

N W Area Engineer

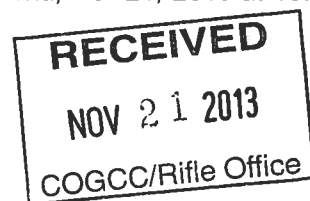
C O G C C

cosas son mas como son ahora que ellas siempre fueron

Yokley - DNR, Bill <bill.yokley@state.co.us>
To: "Krabacher - DNR, Jay" <jay.krabacher@state.co.us>

Thu, Nov 21, 2013 at 10:14 AM

Hey Jay,
Would you classify this as a "sidetrack"?
If so, has Encana complied with the requirements of such?
Thanks,
Bill
[Quoted text hidden]



Krabacher - DNR, Jay <jay.krabacher@state.co.us>
To: "Yokley - DNR, Bill" <bill.yokley@state.co.us>

Thu, Nov 21, 2013 at 10:52 AM

No, not a sidetrack. Unless I missed something MAJOR.
I interpreted the procedure to pretty-much try to duplicate the original plan – except a little (? maybe not "little") shallower and with a smaller-diameter liner instead of casing.

J K
[Quoted text hidden]

Yokley - DNR, Bill <bill.yokley@state.co.us>
To: "Krabacher - DNR, Jay" <jay.krabacher@state.co.us>

Thu, Nov 21, 2013 at 11:43 AM

Hey Jay,
Thanks for the sidetrack clarification.
On you comment: "mention is made of "Verbal approval" obtained from "regulatory agencies" on or around 9/10/13 to set the casing at the present depth (8702'), due to hole difficulties. Can Encana provide documentation of this?."
Do you mean the documentation of the "verbal approval"?
I don't like have an open question in comments.
Thanks,
Bill
[Quoted text hidden]

Krabacher - DNR, Jay <jay.krabacher@state.co.us>
To: "Yokley - DNR, Bill" <bill.yokley@state.co.us>
Cc: andrew.baltes@encana.com, "Lind, Jennifer R." <jennifer.lind@encana.com>

Thu, Nov 21, 2013 at 12:51 PM

Okay, Bill – also Jennifer and/or Andrew:

I did check the COA (condition of approval) that Encana provide documentation (an email? or other note?) of setting the production casing at a different depth than planned. Of course, this was due to unforeseen hole difficulties. Is there (or are there) an email or something documenting this?

Jay K
[Quoted text hidden]

Baltes, Andrew D. <Andrew.Baltes@encana.com>
To: "bill.yokley@state.co.us" <bill.yokley@state.co.us>, "jay.krabacher@state.co.us" <jay.krabacher@state.co.us>, "Lind, Jennifer R." <Jennifer.Lind@encana.com>

Thu, Nov 21, 2013 at 1:27 PM



Jay,

Below contains the first email notification of setting production casing at a different depth than planned. This was of course after receiving verbal approval on September 27th.

Sorry for the confusion on labeling the procedure as "deepening". We will not actually be deepening the well but rather cleaning out the wellbore to the original drilled depth of 12,954'.

Please let me know what additional information you would like to see.

Thank you,

Andrew Baltes

Encana Oil & Gas (USA) Inc.

Drilling Engineer-North Piceance Team

W: 720-876-5329 C: 307-851-9350

andrew.baltes@encana.com

From: Baltes, Andrew D.

Sent: Wednesday, October 23, 2013 8:59 PM

To: Andrews - DNR, David

Cc: jay.krabacher@state.co.us

Subject: RE: SG 8507C-23 API# 05045211550000

David,

Thank you for the quick response. I spoke with Jay about the situation while you were traveling in Denver. I will make sure to include the details mentioned in the Sundry.

Thanks,

Andrew Baltes

Encana Oil & Gas (USA) Inc.

Drilling Engineer-North Piceance Team

W: 720-876-5329 C: 307-851-9350

andrew.baltes@encana.com

From: Andrews - DNR, David [david.andrews@state.co.us]
Sent: Wednesday, October 23, 2013 5:16 PM
To: Baltes, Andrew D.
Cc: jay.krabacher@state.co.us
Subject: Re: SG 8507C-23 API# 05045211550000



Andrew,

This does sound familiar, but I cannot find a record of our conversation (or was your conversation with Jay? - I was in Denver and traveling on 9/27). I don't see any problems with your forward plan, but yes, a Sundry Notice - Notice of Intent - Change of Drilling Plans is required. Please include a description of the problems encountered in September, a statement describing COGCC's verbal approval to run and cement the 4-1/2" casing shallow, and this forward plan to run the liner. Also, email the Sundry Notice eForm Document Number after it is submitted if you are in a hurry.

Thanks,

David D. Andrews, P.E., P.G.

Engineering Supervisor - Western Colorado

State of Colorado

Oil and Gas Conservation Commission

NEW ADDRESS, EFFECTIVE 1/3/2013:

796 Megan Avenue, Suite 201

Rifle, Colorado 81650

Office Phone: (970) 625-2497 Ext. 1

Cell Phone: (970) 456-5262

Fax: (970) 625-5682

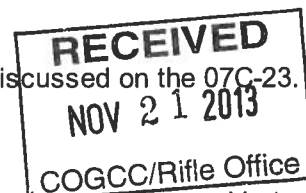
E-mail: David.Andrews@state.co.us

Website: <http://www.colorado.gov/cogcc>

On Wed, Oct 23, 2013 at 4:26 PM, Baltes, Andrew D. <Andrew.Baltes@encana.com> wrote:

Good Afternoon,

Per our phone conversation on September 27th, 2013 I would like to reiterate details discussed on the 07C-23.



The 8507C-23 L24 well was drilled to TD at 12,954'. While running 4-1/2" 11.6# BTC casing we were unable to get casing past 10,039' MD. Casing was laid down at this point in preparation for a clean out run before attempting a second run. After 17 days of washing and reaming (Sept. 12th –Sept. 27th) we were unable to clean out past 8,840' MD. I received verbal approval on the 27th to land casing at the top of gas and cement to surface. We successfully landed 4-1/2" 13.5# VArroughneck casing at 8,697' (top of gas ~ 8,700'). Casing was cemented with 214 bbls of good cement to surface.

The next step I would like to propose is the procedure for running a 3-1/2" liner to TD. Please see below:

1. Skid rig to SGU 8507C-23 L24 496, RU, NU 7-1/16" tubing head and completions BOPE stack or retrofit rig BOPE stack with 2-7/8" rams, Pressure Test BOPE.
2. PU 2-7/8" drill pipe, 1000' of 3-1/4" collars and TIH to casing TD @ 8,697'. Drill out 4.5" casing floats and shoe. Continue to clean out to well TD @ 12,954', TOOH.
3. PU and run a liner on 2-7/8" drill pipe composed of – a running tool/ seal (PBR- Polished Bore Receptacle) assembly, 4,430' of 3.5" 9.2 ppf L80 UFJ csg, floats and side perforated shoe.
4. Wash liner assembly down to TD, once set on bottom back out running tool (acme threads) and land liner on bottom, verify lost weight.
5. Still stabbed into PBR, pump 13 ppg normal tail cement to above liner top, pick up out of seal assembly, circulate liner top clean.
6. TOOH, lay down 2-7/8 drill pipe. ND, RD, and skid rig.

If you agree with the plan listed above, we will submit a sundry with more specific details of the operations.

Thank you for your time.

Andrew Baltes

Encana Oil & Gas (USA) Inc.