From: Brian Stanley
Sent: Thursday, March 17, 2022 3:53 PM
To: Allison Schieber
Subject: Re: [External]:Re: [External]:Re: [External]:Re: [External]:Re: Verdad Resources County Line Pad Offset- Putnam #41-18 (05-001-06783)

All of the AC reports for them should be saved out in their respective completions folders for the 3107-10, 11, and 12. I also sent him the definitive surveys and tallies for those wells showing that the toe sleeve, as well as the 460' setbacks, were all outside of the 1500' buffer for the Putnam #41-18.

Thanks Allison!
-Brian

On Mar 17, 2022, at 3:26 PM, Allison Schieber <ASchieber@verdadresources.com> wrote:

No problem, I will get it filed. Which well file did you save the reports out in?
You can let Curtis the sundry to remove the Dreyer and Sack wells was filed Document # 402982337.

Thanks,

Allison Schieber
Senior Regulatory Analyst
Verdad Resources
720-845-6909

From: Brian Stanley <BStanley@VerdadResources.com>
Sent: Thursday, March 17, 2022 3:15 PM
To: Allison Schieber <ASchieber@VerdadResources.com>
Subject: FW: [External]:Re: [External]:Re: [External]:Re: [External]:Re: Verdad Resources County Line Pad Offset- Putnam #41-18 (05-001-06783)

Sorry to do this to you but here's another one! Want me to file the form 4?

From: Curtis Haverkamp <curtis.haverkamp@state.co.us>
Sent: Thursday, March 17, 2022 3:07 PM
To: Brian Stanley <BStanley@VerdadResources.com>
Subject: [External]:Re: [External]:Re: [External]:Re: [External]:Re: Verdad Resources County Line Pad Offset- Putnam #41-18 (05-001-06783)

Brian,
Could Verdad please file a Form4-other, for the first County Line 3130 well for this pad?
In the Engineering/Environmental comment box, please request the removal of the COA for the Putnam #41-18, that none of the County Line wells will be stimulated within 1500'.

Did Verdad already file a sundry removing the Dreyer #32-1 (05-123-15312) and the Sack-Hiett 1 (05-123-07782)? If not, please do so, stating that wellbores are >1500'

away.

Thanks,

Curtis Haverkamp, PE
Area Engineer

1120 Lincoln Street, Suite 801
Denver, CO 80203
Phone: 303.894.2100 ext 5165
curtis.haverkamp@state.co.us

On Thu, Mar 17, 2022 at 2:20 PM Brian Stanley <BStanley@verdadresources.com> wrote:

> Curtis,
> The well planner just sent over the AC for the Putnam #41-18. Glad he checked, need to figure out why my earlier numbers broke down. I've included the AC reports, Definitive Surveys, and Tallies for the 3107-10, 11, and 12H. For our tallies, we treat the toe sleeve as PBTD (deepest point fluid can exit casing, also can't drift tools/plugs/perf guns through it). Put together a little table below of our 1500' setback and our PBTD's for 3 wells. Just a note, when looking at the AC Report and surveys, that's with PD 464's 21' KB height. Tally will be from ground level.
>
> It doesn't appear that we'd need to short complete the 11H at all, and I'm showing the toe sleeve and any injected fluid being >1500' from that well at the closest. The frac plug for stage 1 will still be 20' above the toe sleeve and the first shot will be 15' higher than that, so we should be more than safe.
>
> | ***Well*** | ***Depth @ 1500' from Putnam #41-18 (MD GL)*** | ***Cross 460' Setback (MD GL)*** | ***Toe Sleeve Depth (MD GL)*** |
> |---|---|---|---|
> | ***County Line 3130-10H*** | *>17291* | *17199.7* | *17162* |
> | ***County Line 3130-11H*** | *17209* | *17132.19* | *17115* |
> | ***County Line 3130-12H*** | *>17373* | *17289.33* | *17247* |
>
> Thanks,
> Brian Stanley
> 435-640-6426
>
> ---
>
> **From:** Brian Stanley
> **Sent:** Tuesday, February 22, 2022 12:50 PM
> **To:** Curtis Haverkamp <curtis.haverkamp@state.co.us>
> **Subject:** RE: [External]:Re: [External]:Re: [External]:Re: Verdad Resources County Line Pad Offset- Putnam #41-18 (05-001-06783)
>
> 10-4. Please find attached the 3107-11H, this pretty much squares up the Putnam well. PBTD will be 17,115' MD GL.

I'm showing 1468' to PBTD. Our first stage plug is typically set 30' shallower than PBTD, but we can move that up hole another 10-15' and that would move the completed lateral >1500' from the Putnam. The 10H is 1587' to PBTD and the 12H is 1574' to PBTD.

This one's got me nervous man. I don't mind going and working on the well but when you start talking bankruptcy proceedings and the state's exposure on these weird limbo wells, I figured we should probably get started asap.

Thanks,
Brian Stanley
435-640-6426

From: Curtis Haverkamp <curtis.haverkamp@state.co.us>
Sent: Tuesday, February 22, 2022 11:59 AM
To: Brian Stanley <BStanley@VerdadResources.com>
Subject: [External]:Re: [External]:Re: [External]:Re: Verdad Resources County Line Pad Offset- Putnam #41-18 (05-001-06783)

Brian,
Email is fine. Just want to see if there is a 3D measurement from the "as-drilled" wellbore to the well in question.
If it's greater than 1500', might have some flexibility in offset mitigation.

Thanks,

Curtis Haverkamp, PE
Area Engineer

1120 Lincoln Street, Suite 801
Denver, CO 80203
Phone: 303.894.2100 ext 5165
curtis.haverkamp@state.co.us

On Tue, Feb 22, 2022 at 11:56 AM Brian Stanley <BStanley@verdadresources.com> wrote:

> Curtis,
> Submit them as in form 5 or want me to just send you the definitive surveys?
>
> Thanks,
> Brian Stanley
> 435-640-6426
>
> ---
>
> **From:** Curtis Haverkamp <curtis.haverkamp@state.co.us>
> **Sent:** Tuesday, February 22, 2022 10:09 AM
> **To:** Brian Stanley <BStanley@VerdadResources.com>
> **Subject:** [External]:Re: [External]:Re: Verdad Resources County Line Pad Offset- Putnam #41-18 (05-001-06783)

Brian,
Could you submit the 3D measurement from the PBTD of the "as-drilled" wellbore?

Thanks,

Curtis Haverkamp, PE
Area Engineer

1120 Lincoln Street, Suite 801
Denver, CO 80203
Phone: 303.894.2100 ext 5165
curtis.haverkamp@state.co.us

On Fri, Feb 18, 2022 at 6:56 PM Brian Stanley <BStanley@verdadresources.com> wrote:

> All,
> Understood. Would I be good to swing by and put eyeballs on it? I just want to make sure i can secure the appropriate surface equipment at minimum.
>
> Curtis, as far the option 3, I'll give you a holler Tuesday and discuss.
>
> Thanks,
> Brian Stanley
> Completions Engineer
> 435-640-6426
>
>> On Feb 18, 2022, at 1:12 PM, Ferrin - DNR, Jeremy <jeremy.ferrin@state.co.us> wrote:
>>
>> We hope to move P3 to the OWP in the next few months.
>> I cannot give a specific date.
>> Thanks,
>>
>> Jeremy I Ferrin
>> Enforcement Supervisor
>>
>> COLORADO
>> Oil & Gas Conservation Commission
>> Department of Natural Resources
>>
>> P 303.894.2100 x5186 | F 303.894.2109
>> 1120 Lincoln Street, Suite 801, Denver, CO 80203
>> jeremy.ferrin@state.co.us | www.colorado.gov/cogcc
>>
>> On Fri, Feb 18, 2022 at 8:43 AM Hickey - DNR, Mike <michael.hickey@state.co.us> wrote:
>>
>> > I don't have an answer for you. P3 (Painted Pegasus Petroleum) is not orphaned yet.
>> > Revocation of the Form 1 is still "in process".

We are in the process of checking that they are shut in adequately, but that involves our enforcement group. I have copied Jeremy.

Michael J. Hickey PE
Orphaned Wells Program Supervisor
co_dnr_div_ogcc_rgb_email_sig_v2
(303) 894-2100 ext. 5105 (o)
(970) 302-1024 (c)

michael.hickey@state.co.us

On Fri, Feb 18, 2022 at 8:24 AM Curtis Haverkamp <curtis.haverkamp@state.co.us> wrote:

> Mike,
> What is the timeline from operator bankruptcy to OWP?
>
> Brian,
> If there is a delay, would Verdad be willing to perform an option 3?
>
> Thanks,
>
> **Curtis Haverkamp, PE**
> **Area Engineer**
>
> 1120 Lincoln Street, Suite 801
> Denver, CO 80203
> Phone: 303.894.2100 ext 5165
> curtis.haverkamp@state.co.us
>
> ---------- Forwarded message ---------
> From: **Brian Stanley** <BStanley@verdadresources.com>
> Date: Thu, Feb 17, 2022 at 9:02 AM
> Subject: Verdad Resources County Line Pad Offset-Putnam #41-18 (05-001-06783)
> To: Curtis Haverkamp <curtis.haverkamp@state.co.us>
> Cc: Heather Mitchell <HMitchell@verdadresources.com>
>
> Hey Curtis,
> I haven't been able to raise the Painted Pegasus folks regarding the option 4 COA on their Putnam #41-18 well. I know they filed for chapter 7 late last year and I'm wondering where this well lands after that, especially regarding accessing it and doing the work. Is that well now

the charge of the State of CO/ Orphan Well Program? Would we be dealing with COGCC to gain access/go and swap in 5k surface equipment?

We're a couple months out from the fracs now and I still haven't heard anything, so I figure we may as well wade into this mess and get a plan together.

As far as meeting the COA, shouldn't be a big issue. Fairly easy work and it sounds like our automation folks have a decent plan to tie the monitoring into our SCADA system.

I'm out of my depth here, so I figured I'd ping you and see what the suggested course of action is.

Thanks,

Brian Stanley
Sr. Completions Engineer
435-640-6426

VERDAD RESOURCES