

**From:** [Jeff Kirtland](#)  
**To:** [Vicki Schoeber](#)  
**Cc:** [Brandon Hiltz](#); [Lynn Cass](#); [Adam Tankersley](#)  
**Subject:** FW: Terra Energy Partners TR 334-27-597 (045-23333) Plug & Abandon Procedure & Details  
**Date:** Wednesday, March 29, 2017 10:34:21 AM  
**Attachments:** [Statewide Lost Hole Rig Skid Approval Reporting\\_20161017.pdf](#)  
[image002.png](#)  
[image004.png](#)

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Vicki,

See Craig's email below. This email will serve as the verbal approval you can attach to the required Form 2, Form 4 and Form 6.

Thanks,

Jeff Kirtland  
Regulatory Lead  
W: 970.263-2736 | C: 970.812.7874



**From:** Burger - DNR, Craig [mailto:craig.burger@state.co.us]  
**Sent:** Wednesday, March 29, 2017 10:30 AM  
**To:** Andrews - DNR, David <david.andrews@state.co.us>; Jeff Kirtland <JKirtland@terraep.com>; Barbara Westerdale - DNR <barbara.westerdale@state.co.us>; Sarah Freeman - DNR <sarah.freeman@state.co.us>; Shaun Kellerby - DNR <shaun.kellerby@state.co.us>; Mike Longworth - DNR <michael.longworth@state.co.us>  
**Subject:** Re: Terra Energy Partners TR 334-27-597 (045-23333) Plug & Abandon Procedure & Details

Jeff,  
This email chain documents the verbal plugging approval given over the weekend for the Terra Energy Partners TR 334-27-597 (API 045-23333).  
Attached is the Lost Hole Rig Skid policy. Some of the deadlines may be flexible in this case as the rig skid to another already permitted well.

On Tue, Mar 28, 2017 at 8:52 AM, Andrews - DNR, David <[david.andrews@state.co.us](mailto:david.andrews@state.co.us)> wrote:

Thanks, Lynn.

Craig: FYI - Plugging update for this well.

Dave

On Tue, Mar 28, 2017 at 8:49 AM, Lynn Cass <[LCass@terraep.com](mailto:LCass@terraep.com)> wrote:

Thanks Dave,

We are tagging the plugs and I will have our permitting group include those details on the form 6 submittal. We had to set 3 plugs on the lower end and we are POH now to casing shoe to wait 4 hrs and tag the top of plug #3. Plug number two was tight, just a little lower than we liked, so elected to set the 3<sup>rd</sup>.

Thanks for your time and have a great day.

Regards,

L. Cass

TEP, Rocky Mountain LLC  
Drilling Superintendent

Exploration and Production

Office – [970-263-2716](tel:970-263-2716)

Mob – [970-755-0083](tel:970-755-0083)



**From:** Andrews - DNR, David [mailto:[david.andrews@state.co.us](mailto:david.andrews@state.co.us)]

**Sent:** Tuesday, March 28, 2017 8:45 AM

**To:** Lynn Cass <[LCass@terraep.com](mailto:LCass@terraep.com)>

**Cc:** Kussum Kanguru <[craig.burger@state.co.us](mailto:craig.burger@state.co.us)>

**Subject:** Re: Terra Energy Partners TR 334-27-597 Plug & Abandon Procedure & Details

Lynn,

Officially, it depends on whether or not the COGCC Engineer specified tagging plugs by checking "tag" boxes or adding Conditions of Approval to tag plugs on a Form 6 Notice of Intent to Abandon. In this case, Craig accepted your email procedure as a Notice of Intent to Abandon for COGCC's well file. That being said, tagging is generally a good practice, particularly if you expect or observe losses across an interval that is intended for geologic isolation (the bottom two plugs in this case).

Thanks,

Dave

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



P [970.625.2497](tel:970.625.2497) x1 | F [970.625.5682](tel:970.625.5682) | C [970.456.5262](tel:970.456.5262)

796 Megan Avenue, Suite 201, Rifle, CO 81650

[david.andrews@state.co.us](mailto:david.andrews@state.co.us) | [www.colorado.gov/cogcc](http://www.colorado.gov/cogcc)

On Mon, Mar 27, 2017 at 8:55 AM, Lynn Cass <[LCass@terraep.com](mailto:LCass@terraep.com)> wrote:

David,

Hope you had a good weekend.

Just a quick question, does the State require we run back in the hole after WOC and tag up on the cement plugs we are setting for the P & A? I think we will do that anyway to verify for our own knowledge considering the mud losses we experienced on this well. I guess I just need your thoughts to see how and if we need to document that process with you guys or just on our daily reports. I have been on the State web site and I can't find any info that requires this.

Thanks for your help as always.

Regards,

L. Cass

TEP, Rocky Mountain LLC  
Drilling Superintendent

Exploration and Production

Office – [970-263-2716](tel:970-263-2716)

Mob – [970-755-0083](tel:970-755-0083)



**From:** Andrews - DNR, David [mailto:[david.andrews@state.co.us](mailto:david.andrews@state.co.us)]

**Sent:** Monday, March 27, 2017 3:07 AM

**To:** Brandon Hilts <[BHilts@terraep.com](mailto:BHilts@terraep.com)>; Kussum Kanguru <[craig.burger@state.co.us](mailto:craig.burger@state.co.us)>

**Cc:** Mark Mewshaw <[mmewshaw@terraep.com](mailto:mmewshaw@terraep.com)>; Lynn Cass <[LCass@terraep.com](mailto:LCass@terraep.com)>; Tyler Gillam <[tgillam@terraep.com](mailto:tgillam@terraep.com)>; Ted Ragsdale <[TRagsdale@terraep.com](mailto:TRagsdale@terraep.com)>

**Subject:** Re: Terra Energy Partners TR 334-27-597 Plug & Abandon Procedure & Details

Craig,

The procedure looks OK to me. This is the same well that Terra sidetracked last week. Please get back with Brandon and Mark today to approve the P&A.

Thanks,

Dave

On Sun, Mar 26, 2017 at 9:42 PM, Brandon Hilts <[BHilts@terraep.com](mailto:BHilts@terraep.com)> wrote:

Gents,

Mark and I spoke. We would also like to add to pull 3-5 stds above theoretical TOC and flush the DS after both plugs. Thank you.

Best Regards,

Brandon Hilts

On Mar 26, 2017, at 10:33 PM, Mark Mewshaw <[mmewshaw@terraep.com](mailto:mmewshaw@terraep.com)> wrote:

Gentlemen,

Attached is Terra Energy Partners Plug & Abandon Procedure and Cement Details. Please call with any questions or suggestions.

Thanks,

**Mark D. Mewshaw** | Drilling & Completions Manager | TEP Rocky Mountain LLC | 4828 Loop Central Dr., Suite 900, Houston, TX 77081

☎ (Office) [832-726-1147](tel:832-726-1147) | 📱 (Mobile) [304-612-7844](tel:304-612-7844) | ✉ [mmewshaw@terraep.com](mailto:mmewshaw@terraep.com)

<[image001.png](#)>

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<TR 334-27-597 Balanced Plug Cement Calculations.docx>

<TEP TR 334-27-597 PTA Proposal.pdf>

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Craig Burger, P.E.

Northwest Area Engineer



P 970.625.2497 Ext.2 | F 970.625.5682 | C 970-319-4194

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