



STATE OF
COLORADO

Andrews - DNR, Doug <doug.andrews@state.co.us>

COGCC Form 2A review for Burlington Resources Oil & Gas' Cottonwood Creek 4-65 27 1H location - Doc #400485308

6 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>

Tue, Nov 19, 2013 at 3:50 PM

To: justin.carlile@conocophillips.com

Justin,

Thank you for helping out with a version of Exhibit A from the MOU with Arapahoe County that I can copy and paste the text directly into the Form 2A. I appreciate it. I have completed my review of the referenced Form 2A Oil & Gas Location Assessment and would like some additional information.

1) You have indicated that oil based drilling fluids will be used and that the drilling fluids disposal will be onsite via recycle/reuse. Please provide me with additional information as to how the oil based drilling fluids will be recycled/reused onsite such that they meet COGCC Rule 907 and will not exceed the concentrations in COGCC Table 910-1.

2) You have indicated that cuttings will be disposed offsite at a Centralized E&P Waste Management Facility. Please provide me with the the Facility ID for the Centralized E&P WMF you will use.

Please send me this additional information by December 19, 2013. If you have any questions please feel free to contact me. Thank you.

—

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Area
Colorado Oil & Gas Conservation Commission
1120 Lincoln St., Suite 801
Denver, CO 80203

doug.andrews@state.co.us
303-894-2100 Ext. 5180 Justin,

Carlile, Justin <Justin.Carlile@conocophillips.com>

Tue, Nov 19, 2013 at 4:21 PM

To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Doug,

Attached to this email will be the MOU in a word format.

1) Drilling fluids will be used in a closed loop system that is design to hold fluid during use and transportation, the concentrations should be past the limits of table 910-1. This system is designed to keep all fluids held and not allow any to escape the containment. Please let me know if there is more detail that you are needing, we have never had to

provide this with the closed loop system.

2) I clicked the wrong disposal site it should be a commercial facility that is my fault would you please make that correction.

Please let me know if there is more that is needed and I will get with the group to give a full break down. I want to make sure that you have the information that is required, since we have never had to provide this before on the past APD's we have gotten approved. I appreciate you looking at this as this is the next well on our schedule that is needing to be constructed and drilled.

Justin Carlile
ConocoPhillips RBU
Regulatory Specialist
Cell #: 432.202.4112

Office #: 281.647.1857

Fax #: 432.688.6019

Please Note My New Phone Number

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]

Sent: Tuesday, November 19, 2013 4:51 PM

To: Carlile, Justin

Subject: [EXTERNAL]COGCC Form 2A review for Burlington Resources Oil & Gas' Cottonwood Creek 4-65 27 1H location - Doc #400485308

[Quoted text hidden]



MOU 4-23-13.doc

122K

Andrews - DNR, Doug <doug.andrews@state.co.us>

Wed, Nov 20, 2013 at 7:57 AM

To: "Carlile, Justin" <Justin.Carlile@conocophillips.com>

Justin,

My concern with the drilling fluids is that you indicate you will dispose of it onsite and the method of disposal is recycle/reuse. Because its oil based I'm concerned with specifically how you will recycle/reuse it before disposing of it onsite. Its good that you will be using a closed loop system during drilling, but its the onsite disposal part after drilling is completed that I'd like additional details on. Thanks.

[Quoted text hidden]

Carlile, Justin <Justin.Carlile@conocophillips.com>

Wed, Nov 20, 2013 at 12:58 PM

To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Doug,

I spoke with our drilling division and have information that I think is what you are looking for. We recycle all of our drilling mud that is oil based, meaning we do not dispose of it as it goes from well to well. In transporting the mud, it

is kept in tanks on site for use during drilling operations. Once operations have completed, the transportation of the oil is done by tank truck to the new location which then is transferred into the tanks for use. CoP provides containment around all the tanks and extra containment during transport from tank to tanker truck. We utilize what I call spill buckets that contain all drips or any run off. Is this what you were looking for, I apologize for any miscommunication that we had.

Justin Carlile
ConocoPhillips RBU
Regulatory Specialist
Cell #: 432.202.4112

Office #: 281.647.1857

Fax #: 432.688.6019

Please Note My New Phone Number

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]

Sent: Wednesday, November 20, 2013 8:58 AM

To: Carlile, Justin

Subject: [EXTERNAL]Re: COGCC Form 2A review for Burlington Resources Oil & Gas' Cottonwood Creek 4-65 27 1H location - Doc #400485308

[Quoted text hidden]

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: "Carlile, Justin" <Justin.Carlile@conocophillips.com>

Wed, Nov 20, 2013 at 1:26 PM

Justin,
From this info it sounds like I can change the Drilling Fluids disposal from Onsite to Offsite as none of it will be left at this location. Let me know if that's okay.

Whenever I see Onsite disposal of oil based drilling fluids I get very curious as to the specifics of how it will be handled. Especially if the land use is Cropland.

[Quoted text hidden]

Carlile, Justin <Justin.Carlile@conocophillips.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Wed, Nov 20, 2013 at 1:27 PM

Doug,

I am fine with the change to offsite, I wanted to make sure that we were transparent in the plan for the mud.

Justin Carlile
ConocoPhillips RBU
Regulatory Specialist
Cell #: 432.202.4112

Office #: 281.647.1857

Fax #: 432.688.6019

Please Note My New Phone Number

From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]

Sent: Wednesday, November 20, 2013 2:27 PM

To: Carlile, Justin

Subject: [EXTERNAL]Re: Re: COGCC Form 2A review for Burlington Resources Oil & Gas' Cottonwood Creek 4-65 27 1H location - Doc #400485308

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