

STATE OF
COLORADO

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

COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

15 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Erin Ekblad <EEkblad@srcenergy.com>

Mon, Jul 9, 2018 at 2:37 PM

Erin,

I have reviewed the referenced Form 2A Oil & Gas Location Assessment and have the following comments.

- 1) During my review of the Facility Layout Drawing it appears the cultural distances given to the nearest Building and Building Unit from a production facility is based on the proposed MLVT. Also, the distance to the nearest Public Road also appears to be based on the proposed MLVT. The COGCC Policy on the Use of MLVT states that MLVTs are not production facilities and, therefore, should not be considered when providing the distances to the various cultural features from the nearest production facility. Please review this information and let me know what these three cultural distances should be changed to.
- 2) The required Multi-Well Plan was not attached to this Form 2A when it was submitted. Please send it to me.
- 3) Now that the Public Comment period has ended, please send me a letter certifying SRC Energy's compliance with COGCC Rule 306.e. If any meetings/consultations were requested, please also indicate their outcome.

Please respond to this correspondence by August 9, 2018. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado

**COLORADO**
Oil & Gas Conservation
Commission
Department of Natural Resources

303.894.2100 Ext. 5180
1120 Lincoln St., Suite 801, Denver, CO 80203
doug.andrews@state.co.us | <http://cogcc.state.co.us/>

Erin Ekblad <EEkblad@srcenergy.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Jul 9, 2018 at 2:54 PM

Doug

See attached Multi Well Plan.

I will find out about the MLVT measurements.



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKblad@srcenergy.com

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

Sent: Monday, July 09, 2018 2:37 PM

To: Erin Ekblad <EEKblad@srcenergy.com>

Subject: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

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MCNEAR 10-9 PAD_MULTI-WELL_PLAN_20180330.pdf
214K

Erin Ekblad <EEKblad@srcenergy.com>

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

Mon, Jul 9, 2018 at 3:25 PM

Doug

Do you want us to measure to the gas skid lift, or do you consider that not a production facility equipment?



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKblad@srcenergy.com

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

Sent: Monday, July 09, 2018 2:37 PM

To: Erin Ekblad <EEKblad@srcenergy.com>

Subject: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

Erin,

[Quoted text hidden]

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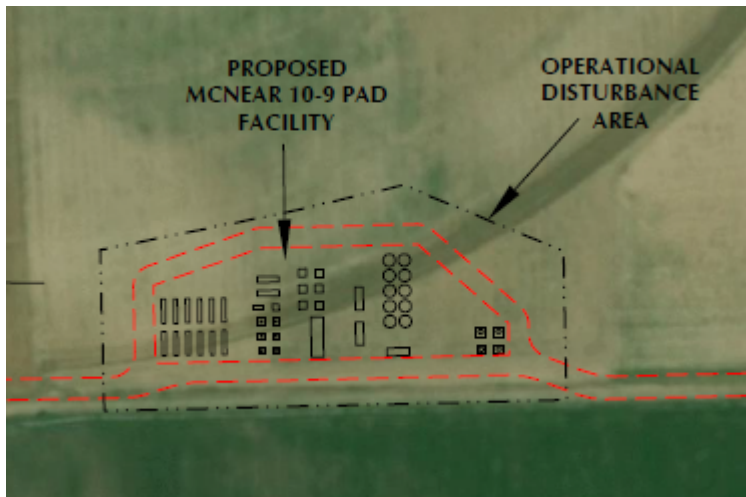
Andrews - DNR, Doug <doug.andrews@state.co.us>

To: Erin Ekblad <EEKblad@srcenergy.com>

Mon, Jul 9, 2018 at 3:33 PM

Erin,

For this location I would suggest providing measurements from the closest production facility from this grouping.



Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



303.894.2100 Ext. 5180
1120 Lincoln St., Suite 801, Denver, CO 80203
doug.andrews@state.co.us | <http://cogcc.state.co.us/>

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Erin Ekblad <EEkblad@srcenergy.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Mon, Jul 9, 2018 at 4:08 PM

OK thank you!



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: eeekblad@srcenergy.com

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

Sent: Monday, July 09, 2018 3:34 PM

To: Erin Ekblad <EEekblad@srcenergy.com>

Subject: Re: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

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Erin Ekblad <EEekblad@srcenergy.com>

Mon, Jul 16, 2018 at 11:31 AM

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

Cc: Matt Jones <mjones@srcenergy.com>, Brandon Lorenz <BLorenz@srcenergy.com>

Doug

For question 1 regarding Facility Layout drawing and distances measured to McNear Pad, it looks like we did measure with the MLVT in the original. Do you need a new plat drawing to reflect these new distances or will the below work?

Please see below for the updated distances excluding the MLVT and Gas Lift Skid. Let me know if the below will work and I will start the 306.e. letter after speaking with surface land to see if there were any meetings and consultations with BU's and indicate any outcomes of those meetings for this proposed location.

***MEASURED FROM CLOSEST EDGE OF
PRODUCTION FACILITY (EQUIPMENT)**

BUILDING	<u>±719' W</u>
BUILDING UNIT	<u>±801' E</u>
HIGH OCCUPANCY BUILDING UNIT	<u>5280'+</u>
DESIGNATED OUTSIDE ACTIVITY AREA	<u>5280'+</u>
PUBLIC ROAD	<u>±1063' E</u>
ABOVE GROUND UTILITY	<u>±1034' E</u>
RAILROAD	<u>5280'+</u>
PROPERTY LINE	<u>±59' S</u>



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: eeekblad@srcenergy.com

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

Sent: Monday, July 09, 2018 2:37 PM

To: Erin Ekblad <EEkblad@srcenergy.com>

Subject: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

Erin,

I have reviewed the referenced Form 2A Oil & Gas Location Assessment and have the following comments.

During my review of the Facility Layout Drawing it appears the cultural distances given to the nearest Building and Building Unit from a production facility is based on the proposed MLVT. Also, the distance to the nearest Public Road also appears to be based on the proposed MLVT. The COGCC Policy on the Use of MLVT states that MLVTs are not production facilities and, therefore, should not be considered when providing the distances to the various cultural features from the nearest production facility. Please review this information and let me know what these three cultural distances should be changed to.

Now that the Public Comment period has ended, please send me a letter certifying SRC Energy's compliance with COGCC Rule 306.e. If any meetings/consultations were requested, please also indicate their outcome.

Please respond to this correspondence by August 9, 2018. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



303.894.2100 Ext. 5180

1120 Lincoln St., Suite 801, Denver, CO 80203

doug.andrews@state.co.us | <http://cogcc.state.co.us/>

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

Mon, Jul 16, 2018 at 11:59 AM

To: Erin Ekblad <EEkblad@srcenergy.com>

Cc: Matt Jones <mjones@srcenergy.com>, Brandon Lorenz <BLorenz@srcenergy.com>

Erin,

Because this is a Buffer Zone location, it would be better to prepare a revised Facility Layout Drawing to reflect these distances. Thanks.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



303.894.2100 Ext. 5180

1120 Lincoln St., Suite 801, Denver, CO 80203

doug.andrews@state.co.us | <http://cogcc.state.co.us/>

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Erin Ekblad <EEkblad@srcenergy.com>

Mon, Jul 16, 2018 at 12:01 PM

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

Cc: Matt Jones <mjones@srcenergy.com>, Brandon Lorenz <BLorenz@srcenergy.com>

Sounds great and totally understand. We will get this prepared and emailed to you soon.

**Erin Ekblad****Manager of Regulatory Affairs**

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKblad@srcenergy.com

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

Sent: Monday, July 16, 2018 12:00 PM

To: Erin Ekblad <EEKblad@srcenergy.com>

Cc: Matt Jones <mjones@srcenergy.com>; Brandon Lorenz <BLorenz@srcenergy.com>

Subject: Re: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

[Quoted text hidden]

Erin Ekblad <EEKblad@srcenergy.com>

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

Cc: Dave Kulmann <dkulmann@srcenergy.com>

Tue, Jul 17, 2018 at 4:27 PM

Doug

See attached 306.e. Certification letter to the Director for the proposed McNear 10-9 Pad.

Our survey group is revising that one plat change on distances as requested and we should be all set. As you can see there were additional mitigation measures SRC provided to the BU Owners and was also agreed upon by the LGD when our Surface Land group met with both of them.



Erin Ekblad

Manager of Regulatory Affairs

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Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKblad@srcenergy.com

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 **306 e Certification Letter to The Director McNear 10-9.pdf**
260K

Erin Ekblad <EEKblad@srcenergy.com>

Thu, Jul 19, 2018 at 3:04 PM

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

Doug

See attached for the new facility layout drawing per below. I added additional drawings in case you needed the other items updated to show it being further away from BU's.

Do you need anything else from SRC?



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKblad@srcenergy.com

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

Sent: Monday, July 09, 2018 2:37 PM

To: Erin Ekblad <EEkblad@srcenergy.com>





Subject: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

Erin,

[Quoted text hidden]

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4 attachments

-  **MCNEAR 10-9 PAD_FACILITY_LOCATION_DRAWING_REV_20180719.pdf**
1486K
-  **MCNEAR 10-9 PAD_LOCATION_DRAWING_REV_20180719.pdf**
1384K
-  **MCNEAR 10-9 PAD_NOTIFICATION_ZONE_DRAWING_REV_20180719.pdf**
732K
-  **MCNEAR 10-9 PAD_CULTURAL_DISTANCE_INFORMATION_REV_20180719.pdf**
27K

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

Mon, Jul 23, 2018 at 9:46 AM

To: Erin Ekblad <EEkblad@srcenergy.com>

Erin,

I was reading through the 306.e. Certification letter and see a few things that should be incorporated into the Form 2A based on the meetings that were held.

- * One of the agreed upon Mitigation Measures is Temporary Operations Access Road. Please revise the Access Road Map to show both the long term Access Road and this temporary Access Road.
 - * The Noise mitigation BMP on the Form 2A should be updated to include SRC Energy doing baseline sound surveys prior to operations and the use of Haliburton's Quiet Frac Fleet.
 - * The Visual Impacts mitigation BMP on the Form 2A should be updated to include the berm with vegetation that will be built on the NE portion of the production facility, and the vegetation that will be planted to screen the location.
- Thanks.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



303.894.2100 Ext. 5180
1120 Lincoln St., Suite 801, Denver, CO 80203
doug.andrews@state.co.us | <http://cogcc.state.co.us/>

Erin Ekblad <EEkblad@srcenergy.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Matt Jones <mjones@srcenergy.com>

Mon, Jul 23, 2018 at 9:48 AM

Doug

Yes, agreed. I think some of those agreements took longer with the BU's and Troy before Troy retired. Thank you!



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: eeekblad@srcenergy.com

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

Sent: Monday, July 23, 2018 9:47 AM

To: Erin Ekblad <EEkblad@srcenergy.com>

Subject: Re: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

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Erin Ekblad <EEkblad@srcenergy.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Tue, Jul 24, 2018 at 1:26 PM

Doug

These are the drawings attached that changed to show the new access road both temporary and long term.



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: eeekblad@srcenergy.com

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

Sent: Monday, July 23, 2018 9:47 AM

To: Erin Ekblad <EEkblad@srcenergy.com>

Subject: Re: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748


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3 attachments

 **MCNEAR 10-9 PAD_ACCESS_ROAD_MAP_REV_20180724.pdf**

657K

 **MCNEAR 10-9 PAD_FACILITY_LOCATION_DRAWING_REV_20180724.pdf**
1488K **MCNEAR 10-9 PAD_LOCATION_DRAWING_REV_20180724.pdf**
1528K

Erin Ekblad <EEkblad@srcenergy.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>
Cc: Matt Jones <mjones@srcenergy.com>

Tue, Jul 24, 2018 at 3:33 PM

Doug

Can we add these two items to our existing BMP's on the 2A?

* The Noise mitigation BMP to include: SRC Energy doing baseline sound surveys prior to operations and the use of Haliburton's Quiet Frac Fleet.

* The Visual Impacts mitigation: SRC will include the berm with vegetation that will be built on the NE portion of the production facility, and the vegetation that will be planted to screen the location.

Thank you,

**Erin Ekblad****Manager of Regulatory Affairs**

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: eeekblad@srcenergy.com

From: Erin Ekblad
Sent: Tuesday, July 24, 2018 2:37 PM
To: Bo Winter <bwinter@srcenergy.com>; Matt Jones <mjones@srcenergy.com>
Subject: FW: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

Bo

Are you good with us changing our BMP's for McNear based on Matt Jone's discussions with BU's and Troy?

* The Noise mitigation BMP on the Form 2A should be updated to include SRC Energy doing baseline sound surveys prior to operations and the use of Haliburton's Quiet Frac Fleet.

* The Visual Impacts mitigation BMP on the Form 2A should be updated to include the berm with vegetation that will be built on the NE portion of the production facility, and the vegetation that will be planted to screen the location.

Thanks.



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKBLAD@SRCENERGY.COM

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

Sent: Monday, July 23, 2018 9:47 AM

To: Erin Ekblad <EEkblad@srcenergy.com>

Subject: Re: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

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Erin Ekblad <EEkblad@srcenergy.com>

Wed, Jul 25, 2018 at 9:04 AM

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

Doug

I am following up that you have everything you need to take the McNear 10-9 Pad off hold.



Erin Ekblad

Manager of Regulatory Affairs

1675 Broadway, Suite 2600; Denver, CO 80202

Cell: 303.550.2375 | Office: 720.616.4319 | E-mail: EEKblad@srcenergy.com

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

Sent: Monday, July 09, 2018 2:37 PM

To: Erin Ekblad <EEkblad@srcenergy.com>

Subject: COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

[Quoted text hidden]

7/25/2018

State.co.us Executive Branch Mail - COGCC Form 2A review of SRC Energy's McNear 10-9 Pad location - Doc #401587748

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