

STATE OF
COLORADO

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Attn Allison Linz Schneider pad doc no 400648035

22 messages

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Thu, May 7, 2015 at 12:21 PM

To: Regulatory Permitting <regulatorypermitting@gwogco.com>

Allison,

COGCC is in the process of reviewing the Form 2A for Schneider 11-209 HN Pad (doc no. 400648035). In order to complete our review, please address the following:

1. The acreage for the disturbed area and interim reclamation appear to be switched. With your concurrence, I will make the disturbed area 10.45 acres and the interim reclamation area 4.78 acres.
2. The cultural distances appear to be to be from the reference point and not from the nearest well location. Please provide distances to the cultural items from the nearest well.
3. Please provide more information regarding the siting rationale to be within a buffer zone, such as but not limited to the nearest building unit owner is the surface owner, economic considerations for GWOC and the surface owner, sales or pipeline considerations, etc.
4. Under the water resources, the nearest water well is listed at 1,946 feet, yet on the hydrology map there is a well 601 feet to the southeast.
5. Please provide site specific sound mitigation measures.

Please let me know if you have any questions.

Thank you,
Rebecca

—

Rebecca Treitz
Oil and Gas Location Assessment Specialist
P 303.894.2100 x5173 | F 303.894.2109 |
1120 Lincoln Street, Suite 801, Denver, CO 80203
Rebecca.Treitz@state.co.us | www.colorado.gov/cogcc

Regulatory Permitting <regulatorypermitting@gwogco.com>

Mon, May 11, 2015 at 3:27 PM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>, Regulatory Permitting
<regulatorypermitting@gwogco.com>

Rebecca,

1. Yes please switch those numbers for me.
2. The cultural Distances should be

Building 867'**Building Unit** 978'**High Occ BU** 1990'**Disgnated outside** 5280'**Public Road** 258'

Above Ground 304'

Railroad 354'

Property Line 280'

3. Also the nearest building owner is the surface owner.
4. Yes please change the distance to nearest water well to 601'.
5. I feel that our Noise Mitigation BMP cover the fact that we will comply with all noise mitigation standards.

The subject Great Western Operating Company, L.L.C. (GWOC) location will operate in accordance with maximum permissible noise levels per COGCC Rule 604.c.(2)A. and 802, as applicable. GWOC will utilize reasonable and cost-effective best practices to endeavor to reduce noise levels below these limits in areas where occupied structures occur within a Designated Setback Zone. Where possible, drilling rig and completion equipment engine exhaust will be directed away from occupied buildings to assist with noise mitigation. No noise compliance issues are expected from the production area.

Please let me know if you need anything additional.

Thank you,



Allison Linz

Regulatory&Permitting Technician

Great Western Operating Company, LLC

1801 Broadway, Suite 500

Denver, CO 80202

Direct: [303.398.0355](tel:303.398.0355)

Cell: [913.314.2270](tel:913.314.2270)

Fax: [866.742.1784](tel:866.742.1784)

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this communication is prohibited. In such case, you should destroy this communication and notify the sender by reply email.

From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]
Sent: Thursday, May 07, 2015 12:21 PM
To: Regulatory Permitting
Subject: Attn Allison Linz Schneider pad doc no 400648035

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Regulatory Permitting <regulatorypermitting@gwogco.com>

Wed, May 13, 2015 at 10:56 AM

Allison,
Thank you for the information, I have updated the 2A accordingly. Please provide additional siting rationale stating what other areas were considered outside the buffer zone and why they were not feasible and why the current location is as far as possible from a building unit. Also, please provide the 306e certification letter addressing any meetings, public concerns, and how GWOC addresses the concerns.

Thank you,
Rebecca

[Quoted text hidden]

Regulatory Permitting <regulatorypermitting@gwogco.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>, Regulatory Permitting
<regulatorypermitting@gwogco.com>

Thu, May 14, 2015 at 4:13 PM

Rebecca,

The location chosen as per the surface owners request, in the past this has been a sufficient enough explanation. Has there been a change in the level of detail that needs to be provided? Attached is the 306e. Sorry about that. And thank you for your help with these changes.

Thank you,



Allison Linz

Regulatory&Permitting Technician

Great Western Operating Company, LLC

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From: Treitz - DNR, Rebecca [<mailto:rebecca.treitz@state.co.us>]

Sent: Wednesday, May 13, 2015 10:57 AM

To: Regulatory Permitting

Subject: Re: Attn Allison Linz Schneider pad doc no 400648035

Allison,

Thank you for the information, I have updated the 2A accordingly. Please provide additional siting rationale stating what other areas were considered outside the buffer zone and why they were not feasible and why the current location is as far as possible from a building unit. Also, please provide the 306e certification letter addressing any meetings, public concerns, and how GWOC addresses the concerns.

Thank you,

Rebecca

On Mon, May 11, 2015 at 3:27 PM, Regulatory Permitting <regulatorypermitting@gwogco.com> wrote:

Rebecca,

1. Yes please switch those numbers for me.
2. The cultural Distances should be

Building 867'

Building Unit 978'

High Occ BU 1990'

Disgnated outside 5280'

Public Road 258'

Above Ground 304'

Railroad 354'

Property Line 280'

3. Also the nearest building owner is the surface owner.
4. Yes please change the distance to nearest water well to 601'.
5. I feel that our Noise Mitigation BMP cover the fact that we will comply with all noise mitigation standards.

The subject Great Western Operating Company, L.L.C. (GWOC) location will operate in accordance with maximum permissible noise levels per COGCC Rule 604.c.(2)A. and 802, as applicable. GWOC will utilize reasonable and cost-effective best practices to endeavor to reduce noise levels below these limits in areas where occupied structures occur within a Designated Setback Zone. **Where possible, drilling rig and completion equipment engine exhaust will be directed away from occupied buildings to assist with noise mitigation.** No noise compliance issues are expected from the production area.

Please let me know if you need anything additional.

Thank you,



[Quoted text hidden]

[Quoted text hidden]



Operator Certification Rule 306.e.pdf
99K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Regulatory Permitting <regulatorypermitting@gwogco.com>

Thu, May 21, 2015 at 3:57 PM

Allison,
COGCC is requiring more information in regards to the siting rationale based on . 604.E. *Multi-well Pads.i. Where technologically feasible and economically practicable, operators shall consolidate wells to create multi-well pads, including shared locations with other operators. Multi-well production facilities shall be located as far as possible from Building Units.*

The reasons for selecting or not selecting a location may include, but are not limited to:

- a) Technical and economic feasibility,
- b) Environmental and topographic considerations,
- c) Right to construct considerations,
- d) Surface Owner and adjacent owner considerations,

- e) Cultural concerns such as: access, infrastructure, proximity to Building Units, and future development plans, etc,
- f) Public concerns, and
- g) Local government input.

Supporting information to include on the Siting Rational attachment may include;

- a) Figures, not limited to: tax assessor map screen shots, flood plain maps, property surveys, aerial images, maps or aerial images showing Building Units and depicting radii showing the relative position of the Oil and Gas Location.
- b) Narrative descriptions of interactions with Surface Owners, nearby Building Unit owners, Local Governments and neighborhood organizations.
- c) Descriptions of development plans and planning documents that played a role in the proposed siting.
- d) Attestations by Operator or third parties.

COGCC was not provided with sufficient information on the Form 2A or in the email to support the siting of the proposed Production Facility (see COGCC's comments in blue below). Please provide additional information or submit an alternative location for review.

Please let me know if you have further questions.

Thank you,
Rebecca

[Quoted text hidden]

Regulatory Permitting <regulatorypermitting@gwogco.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Fri, May 29, 2015 at 11:05 AM

Rebecca,

My apology for the delay I am waiting to have all the language approved by our drilling engineer.

Thank you for your patience.



Allison Linz

Regulatory&Permitting Technician

Great Western Operating Company, LLC

1801 Broadway, Suite 500

Denver, CO 80202

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Thursday, May 21, 2015 3:58 PM

To: Regulatory Permitting

[Quoted text hidden]

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Fri, May 29, 2015 at 2:38 PM

To: Regulatory Permitting <regulatorypermitting@gwogco.com>

Cc: Callie Fiddes <cfiddes@gwogco.com>, John Noto - DNR <john.noto@state.co.us>

Allison,

The 305.a(2) certification and the 306.e. certification do not meet the COGCC Rule requirements. Please resubmit these documents.

Thank you,
Rebecca

[Quoted text hidden]

Regulatory Permitting <regulatorypermitting@gwogco.com>

Mon, Jun 1, 2015 at 2:57 PM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>, Regulatory Permitting <regulatorypermitting@gwogco.com>

[Rebecca](#),

Please see attached letter of Site Rationale for Schneider Pad. Please let me know if you have any additional questions.

Thank you

**Allison Linz**

Regulatory&Permitting Technician

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]**Sent:** Thursday, May 21, 2015 3:58 PM**To:** Regulatory Permitting

[Quoted text hidden]

[Quoted text hidden]

2 attachments**Great Western Rationale for Site Selection..pdf**

49K

**Great Western Rationale for Site Selection..docx**

299K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>
To: Regulatory Permitting <regulatorypermitting@gwogco.com>

Tue, Jun 2, 2015 at 3:05 PM

Allison,

Thank you for the rationale. What is the current status of the building unit owned by the Schneider's? Empty? Rental? If it is a rental, is the lessee aware of the proposed production? Also, the 305.a.(2) letter does not meet the COGCC requirements of 305.c. certifying receipt of the notification letter. The 306.e. certification does not reference the location for this 2A. Please resubmit these certifications.

Thanks,
Rebecca

[Quoted text hidden]

Regulatory Permitting <regulatorypermitting@gwogco.com>

Thu, Jun 4, 2015 at 8:47 AM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>, Regulatory Permitting
<regulatorypermitting@gwogco.com>

Good Morning,

Attached are the 305.a. Certification and the 306.e. Certification letters. The property that is within the 1000' buffer is currently occupied by the Schnieders son and he is aware of all planned operations. Please let me know if I can provide anymore information.

Thank you,



Allison Linz

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Tuesday, June 02, 2015 3:06 PM

[Quoted text hidden]

[Quoted text hidden]

2 attachments**Operator Certification Rule 305.a. for Form 2A.pdf**

101K

**Operator Certification Rule 306.e.pdf**

136K

Regulatory Permitting <regulatorypermitting@gwogco.com>

Tue, Jun 9, 2015 at 11:09 AM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>, Regulatory Permitting
<regulatorypermitting@gwogco.com>

Rebecca,

I see that the Schneider 2A is still on hold. Is there any other information you are waiting on? If not is there a way to get that pushed through this week?

Thank you,

**Allison Linz**

Regulatory&Permitting Technician

Great Western Operating Company, LLC

1801 Broadway, Suite 500

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Tuesday, June 02, 2015 3:06 PM

[Quoted text hidden]

[Quoted text hidden]

Allison Linz <alinz@gwogco.com>
To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thu, Jun 11, 2015 at 11:03 AM

Hi Rebecca,

Can you give me an update on this permit?

Thanks,



Allison Linz

Regulatory&Permitting Technician

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From: Regulatory Permitting

Sent: Tuesday, June 09, 2015 11:09 AM
To: 'Treitz - DNR, Rebecca'; Regulatory Permitting
Subject: RE: Attn Allison Linz Schneider pad doc no 400648035

Rebecca,

I see that the Schneider 2A is still on hold. Is there any other information you are waiting on? If not is there a way to get that pushed through this week?

Thank you,



Allison Linz

Regulatory&Permitting Technician
Great Western Operating Company, LLC
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From: Treitz - DNR, Rebecca [<mailto:rebecca.treitz@state.co.us>]
Sent: Tuesday, June 02, 2015 3:06 PM

[Quoted text hidden]

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Thu, Jun 11, 2015 at 11:40 AM

To: Allison Linz <alinz@gwogco.com>

Allison,

I have attached the documents you sent over and passed it onto John Noto to review. He has a few buffer zone permits to look at.

Thanks,
Rebecca

[Quoted text hidden]

Allison Linz <alinz@gwogco.com>

Thu, Jun 11, 2015 at 1:30 PM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Thank you for your help.

**Allison Linz**

Regulatory&Permitting Technician

Great Western Operating Company, LLC

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]**Sent:** Thursday, June 11, 2015 11:40 AM**To:** Allison Linz

[Quoted text hidden]

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Mon, Jun 15, 2015 at 3:18 PM

To: Allison Linz <alinz@gwogco.com>

Allison,
COGCC is looking for more information on the BMP for noise. What measures will GWOC take if there is a noise complaint? Have any noise surveys been taken into consideration, especially based on the proximity of the railroad?

Thanks,
Rebecca
[Quoted text hidden]

Allison Linz <alinz@gwogco.com>

Mon, Jun 15, 2015 at 3:43 PM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Rebecca,

I just left you a message but do you think it would be sufficient to add a comment saying.

Great Western's production equipment lies 346' away from the nearest railroad. Due to the proximity of the railroad higher noise levels are expected at times when railroad traffic is present. Great Western does not anticipate any noise complaints, especially since the surface owner is the nearest building unit owner, however, if noise complaints do occur Great Western will take appropriate action which may include, but is not limited to constructing sound walls or other noise barricades to mitigate the disturbance..

**Allison Linz**

Regulatory&Permitting Technician

Great Western Operating Company, LLC

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Monday, June 15, 2015 3:19 PM

[Quoted text hidden]

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Tue, Jun 16, 2015 at 12:25 PM

To: John Noto - DNR <john.noto@state.co.us>

John,

I would like to discuss this with you before I call Allison.

Thanks

----- Forwarded message -----

From: **Allison Linz** <alinz@gwogco.com>

Date: Mon, Jun 15, 2015 at 3:43 PM

Subject: RE: Attn Allison Linz Schneider pad doc no 400648035

[Quoted text hidden]

[Quoted text hidden]

Allison Linz <alinz@gwogco.com>

Fri, Jun 19, 2015 at 8:19 AM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Rebecca,

Attached is an updated Hydrology map with corrected distances. Have you heard if the comment concerning noise mitigation measures will be sufficient?

Thank you,



Allison Linz

Regulatory&Permitting Technician

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From: Treitz - DNR, Rebecca [<mailto:rebecca.treitz@state.co.us>]

Sent: Monday, June 15, 2015 3:19 PM

[Quoted text hidden]

[Quoted text hidden]



SCHNEIDER SOUTH HD Hydro Map.pdf
750K

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Fri, Jun 19, 2015 at 2:00 PM

To: Allison Linz <alinz@gwogco.com>

Allison,

Thank you for the new map. It appears the distances are still measured from the reference point and not from the edge of disturbance. The Location drawing has the distance from the edge of disturbance to the water well as 353 feet and to the ditch to the west as 52 feet. Can you please confirm that the distances to the surface water to the west and the water well are correct on the hydrology map. I will let you know on the sound BMP.

Thanks,
Rebecca

[Quoted text hidden]

Treitz - DNR, Rebecca <rebecca.treitz@state.co.us>

Mon, Jun 22, 2015 at 1:57 PM

To: Allison Linz <alinz@gwogco.com>

Allison,

I will add the information regarding the sound and with the updated hydrology map I can pass the the OGLA task.

Thanks,
Rebecca

[Quoted text hidden]

Allison Linz <alinz@gwogco.com>

Tue, Jun 23, 2015 at 9:34 AM

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Rebecca,

Our surveyors will be sending me an updated hydro map today or tomorrow and I will get it over to you as soon as I have it.

Thank you,



Allison Linz

Regulatory&Permitting Technician

Great Western Operating Company, LLC

1801 Broadway, Suite 500

Denver, CO 80202

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From: Treitz - DNR, Rebecca [<mailto:rebecca.treitz@state.co.us>]

Sent: Monday, June 22, 2015 1:57 PM

[Quoted text hidden]

[Quoted text hidden]

Allison Linz <alinz@gwogco.com>

To: "Treitz - DNR, Rebecca" <rebecca.treitz@state.co.us>

Wed, Jun 24, 2015 at 9:22 AM

Good Morning,

Thank you for your patience with this. Attached is an updated Hydro map all distances taken from the edge of disturbance.

Let me know if you need anything else.

Allison



Allison Linz

Regulatory&Permitting Technician

Great Western Operating Company, LLC

1801 Broadway, Suite 500

Denver, CO 80202

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From: Treitz - DNR, Rebecca [mailto:rebecca.treitz@state.co.us]

Sent: Monday, June 22, 2015 1:57 PM

[Quoted text hidden]

[Quoted text hidden]



SCHNEIDER SOUTH HD Hydro Map.pdf

1214K