

STATE OF
COLORADO

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

COGCC Form 2A review of Fifth Creek Energy's Critter Creek 21-4 location - Doc #401403143

2 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: Sydney Smith <:ssmith@fifthcreekenergy.com>

Tue, Oct 17, 2017 at 9:50 AM

Sydney,

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

1) In the Cultural Setback Distance section Fifth Creek Energy has indicated the distance to the nearest Building is 3,995 feet from the nearest proposed well and 3,854 from the nearest proposed production facility. A review of the Location Drawing depicts an existing shed (a Building) to the northwest within the 500 foot offset from the edge of the proposed disturbance area. Please provide me the revised distance to this Building from the nearest proposed well and production facility and I will update the Form 2A.

2) As mentioned in my comment above, the Location Drawing depicts a nearby existing shed to the northwest within the 500 foot offset from the edge of the proposed disturbance area. However, no distance and bearing to this Building is included on the Location Drawing. Please provide me a revised Location that includes this information and I will swap out this attachment.

3) In the Water Resources section Fifth Creek Energy has indicated the nearest water well is 2,765 feet away. A review of the Location Drawing depicts an existing water well to the northwest 642 feet from the nearest proposed well. Therefore, I would like to change the distance to the nearest water well from 2,765 feet to 642 feet on the Form 2A.

4) In the Water Resources section Fifth Creek Energy has indicated the estimated depth to groundwater is 51 feet based on water well permit #33974. During my review I identified water well permit #33975 as having a static water level of 22 feet. A review of its permit indicates this well was drilled and screened at a shallower depth than water well permit #33974 and is likely more indicative of how shallow groundwater can be in this area. Additionally, that water wells permit appears to indicate it is the well shown on the Location Drawing being 642 feet from the nearest proposed well. Therefore, I would like to change the estimated depth to groundwater from 51 feet to 22 feet on the Form 2A. I have attached a copy of this water well's permit.

Please respond to this correspondence by November 17, 2017. 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/>**Water Well Permit #33975.pdf**

267K

Sydney Smith <:ssmith@fifthcreekenergy.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Fri, Oct 20, 2017 at 9:11 AM

Good morning Doug,

Please see my responses below to your questions, along with the attached updated location drawing for your reference.

Please let me know if you have any questions.

Thank you!

Sydney Smith

Regulatory Analyst



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Greenwood Village, Colorado 80111

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303.910.4511 (cell)

ssmith@fifthcreekenergy.com

www.fifthcreekenergy.com

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

Sent: Tuesday, October 17, 2017 9:50 AM

To: Sydney Smith <ssmith@fifthcreekenergy.com>

Subject: COGCC Form 2A review of Fifth Creek Energy's Critter Creek 21-4 location - Doc #401403143

Sydney,

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

1) In the Cultural Setback Distance section Fifth Creek Energy has indicated the distance to the nearest Building is 3,995 feet from the nearest proposed well and 3,854 from the nearest proposed production facility. A review of the Location Drawing depicts an existing shed (a Building) to the northwest within the 500 foot offset from the edge of the proposed disturbance area. Please provide me the revised distance to this Building from the nearest proposed well and production facility and I will update the Form 2A.

Distance to nearest building from nearest proposed well: 302'

Distance to nearest building from nearest production facility: 330'

2) As mentioned in my comment above, the Location Drawing depicts a nearby existing shed to the northwest within the 500 foot offset from the edge of the proposed disturbance area. However, no distance and bearing to this Building is included on the Location Drawing. Please provide me a revised Location that includes this information and I will swap out this attachment.

Attached is the updated location drawing for your reference.

3) In the Water Resources section Fifth Creek Energy has indicated the nearest water well is 2,765 feet away. A review of the Location Drawing depicts an existing water well to the northwest 642 feet from the nearest proposed well. Therefore, I would like to change the distance to the nearest water well from 2,765 feet to 642 feet on the Form 2A.

The distance to nearest water well from nearest proposed well has been updated to 302' as there is a water well in the shed. Please note the water well is not permitted, however we have confirmed with the land owner that it is indeed a water well.

4) In the Water Resources section Fifth Creek Energy has indicated the estimated depth to groundwater is 51 feet based on water well permit #33974. During my review I identified water well permit #33975 as having a static water level of 22 feet. A review of its permit indicates this well was drilled and screened at a shallower depth than water well permit #33974 and is likely more indicative of how shallow groundwater can be in this area. Additionally, that water wells permit appears to indicate it is the well shown on the Location Drawing being 642 feet from the nearest proposed well. Therefore, I would like to change the estimated depth to groundwater from 51 feet to 22 feet on the Form 2A. I have attached a copy of this water well's permit.

Please update the estimated depth to ground water to 22 feet to reflect the nearest water well permit #33975.

Please respond to this correspondence by November 17, 2017. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



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Location Drawing_Updated.pdf
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