

Allison, Rick

From: Kori Thoren [kthoren@syrinfo.com]
Sent: Monday, August 01, 2011 3:35 PM
To: Allison, Rick
Subject: RE: SRC LEFFLER 26B - COGCC Form 2A (400182680) - Synergy Resources Corporation
Attachments: Water_Resources_Leffler SW4.pdf; Water_Resources_2_Leffler SW4.pdf

Rick,

I have attached the well information for the below referenced well, along with the information for well permit 139703. We chose the 2nd well because it was roughly 110 feet closer to the proposed well. If you would rather use the Kindsfater well for permitting purposes that is fine. The use of this well is for his personal use for his 25 acres. I hope this answers your questions!

Kori Thoren

Synergy Resources Corporation

20203 Highway 60
Platteville, CO 80651
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From: Allison, Rick [Rick.Allison@state.co.us]
Sent: Thursday, July 21, 2011 3:11 PM
To: Kori Thoren
Subject: RE: SRC LEFFLER 26B - COGCC Form 2A (400182680) - Synergy Resources Corporation

Kori,

Thank you for the information. I have an additional question.

Was Synergy able to field verify the location of domestic water well permit 6926, registered to Kirk Kindsfater? DWR records show this well to be 40 feet deep. It would be helpful to know exactly where this water well is and what it is used for.

Thank you,
Rick

From: Kori Thoren [<mailto:kthoren@syrinfo.com>]
Sent: Monday, July 18, 2011 8:29 AM
To: Allison, Rick
Subject: RE: SRC LEFFLER 26B - COGCC Form 2A (400182680) - Synergy Resources Corporation

Rick,

- 1) I have received your confirmation that the new access road map is acceptable.
- 2) It is fine to change the future land use to irrigated crop land.
- 3) The water well needs to be changed from the current 214' to 990' please. I have attached the water well information to this email for reference.

4) It is fine to change the sensitive area from No to Yes.

5) Craig Rasmuson (Mgr of Land & Field Ops) has informed me that this isn't necessary - confirmed H2O well, static water is at 84.

Thank you for your help correcting these issues!

Kori Thoren

Synergy Resources Corporation

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From: Allison, Rick [Rick.Allison@state.co.us]

Sent: Monday, July 11, 2011 3:30 PM

To: Kori Thoren

Subject: SRC LEFFLER 26B - COGCC Form 2A (400182680) - Synergy Resources Corporation

Hi Kori,

The COGCC is reviewing the Form 2A oil and gas location assessment for the SRC LEFFLER 26B well pad in the NWSW Sec26 T7N R66W, Weld County, and requests the following clarifications or revisions to the Form 2A.

- 1) **Access Road Map:** The Access Road Map submitted with the Form 2A does not show the Access Road from the county road to the location. Please submit a revised Access Road Map that shows the access road from the County Road to the location.
- 2) **Land Use:** The current and future land use is based on what the current use is prior to the location construction and the intended use after final reclamation of the location. Therefore, the future land use cannot be a well pad. Since the rest of the property is a nursery, COGCC proposes changing the current and future land use to irrigated crop land. A Crop Land Designation also negates the need for Plant Community information.
- 3) **Water Resources:** The Form 2A data indicate that a water well is located 214 feet from the location. This water well is not shown on any of the attachments for this location. Please provide additional information regarding the location and use of this water well.
- 4) **Water Resources:** The location is a sensitive area because shallow ground water is present. Therefore, COGCC will change the sensitive area designation from No to Yes.
- 5) **BMPs:** Synergy is proposing to use a closed loop system with offsite mud disposal and no pits are indicated on the Form 2A. Therefore, no COAs will be required regarding the use of pits in a sensitive area. However, how will the tank battery be constructed to prevent impacts to ground water? Will the battery be constructed with an impermeable liner?

Best Regards,

Rick Allison, P.G.

Oil and Gas Location Assessment Specialist

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