

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Tuesday, June 15, 2010 6:45 AM
To: Kubeczko, Dave
Subject: FW: Carmack Resources, Anak #1, NESE Sec 4 T6N R91W, Moffat County, Form 2A (#400063175) Review

Follow Up Flag: Follow up
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Scan No 2033207 CORRESPONDENCE 2A#400063175

From: Chris Carmack [mailto:notathome@sbcglobal.net]
Sent: Tuesday, June 01, 2010 6:15 PM
To: Kubeczko, Dave
Subject: Re: Carmack Resources, Anak #1, NESE Sec 4 T6N R91W, Moffat County, Form 2A (#400063175) Review

Dave,

Again, thank you for your patience. I do concur with the COA's. I will try and call you tomorrow as I am out of town in a remote location, but I will get in touch with you.

Regards,

Chris Carmack
Carmack Resources, Inc

cell: 832-381-4553
Skype: 281-973-6154
notathome@sbcglobal.net

From: "Kubeczko, Dave" <Dave.Kubeczko@state.co.us>
To: Chris Carmack <notathome@sbcglobal.net>
Sent: Mon, May 31, 2010 8:10:12 PM
Subject: RE: Carmack Resources, Anak #1, NESE Sec 4 T6N R91W, Moffat County, Form 2A (#400063175) Review

Chris,

You only need to reply to my email stating if you concur with the COAs, and as you have already done, stating it is ok to make the change to hydrology map. I will attach the email trail as correspondence and make any changes/additions to the Form 2A. Please call me on my cell at 970-309-2514. Thanks.

Dave

From: Chris Carmack [mailto:notathome@sbcglobal.net]
Sent: Monday, May 31, 2010 6:40 PM
To: Kubeczko, Dave
Subject: Re: Carmack Resources, Anak #1, NESE Sec 4 T6N R91W, Moffat County, Form 2A (#400063175) Review

Dave,

Thank you for your quick responses to my permit. As stated below, please make the change on the Hydrology map as you suggested. As far as the other section go as far as conforming to the Water Resources, I think I need to give you a call. I am out of town and will not be back in for a couple of days, but I will get back with you . I am still checking emails.

I may have to handle this by email. Since form 2A is no longer in "draft" status, how can I re-submit form 2A? Will I have to attach the info below via mail?

Thank you for your time.

Regards,

Chris Carmack
Carmack Resources, Inc
cell: 832-381-4553
Skype: 281-973-6154
notathome@sbcglobal.net

From: "Kubeczko, Dave" <Dave.Kubeczko@state.co.us>

To: notathome@sbcglobal.net

Sent: Mon, May 31, 2010 7:11:53 PM

Subject: Carmack Resources, Anak #1, NESE Sec 4 T6N R91W, Moffat County, Form 2A (#400063175) Review

Chris,

I have been reviewing the Anak #1 **Form 2A** (#400063175). COGCC requests the following clarifications regarding the data Carmack Resources has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment (OGLA).

1. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 3500 feet. COGCC's rules state that the distance to the nearest surface water should reflect intermittent streams (including ephemeral streams, irrigation ditches, and drainages), as well as, perennial streams. COGCC's review indicates there is an intermittent stream located approximately 293 feet to the north (as shown on the Hydrology Map attachment). I can make the change if you send me an email with this request. In addition, COGCC guidelines require designating all locations within close proximity to surface water a **sensitive area**. The following conditions of approval (COAs) will apply:
 - COA 4** - Location is in a sensitive area because of proximity to surface water; therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.
 - COA 5** - Operator must implement best management practices to contain any unintentional release of fluids.
2. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 300 feet bgs for a well located 420 feet from the proposed facility. COGCC guidelines require designating all locations with close proximity of a domestic water well (1/8 mile or 660 feet) a **sensitive area**. The following conditions of approval (COA) will apply:
 - COA 7** - Location may be in a sensitive area because of proximity to a domestic water well; therefore either a lined drilling pit or closed loop system must be implemented.
 - COA 8** - Location may be in a sensitive area because of proximity to a domestic water well; therefore production pits/frac pits must be lined.
3. **General:** The following conditions of approval (COAs) will also apply:

COA 38 - The moisture content of any drill cuttings in a cuttings pit, trench, or pile shall be as low as practicable to prevent accumulation of liquids greater than de minimis amounts. At the time of closure, the drill cuttings must also meet the applicable standards of table 910-1.

COA 39 - No portion of any pit that will be used to hold liquids shall be constructed on fill material, unless the pit and fill slope are designed and certified by a professional engineer, subject to review and approval by the director prior to construction of the pit. The construction and lining of the pit shall be supervised by a professional engineer or their agent. The entire base of the pit must be in cut.

COGCC would appreciate your concurrence with attaching these COAs to the Form 2A permit prior to passing the OGLA review. The other issue also needs to be addressed prior to permit approval. If you have any questions, please do not hesitate to call me at (970) 625-2497 x5 (office) or (970) 309-2514 (cell), or email. Thanks.

Dave

David A. Kubeczko, PG
Oil and Gas Location Assessment Specialist

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