

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Friday, February 26, 2010 10:35 AM
To: Kubeczko, Dave
Subject: FW: Bill Barrett Corp McAfee 16H-12-38-17, SESE Sec 12 T38N R17W, Montezuma County, Form 2A (#400027377) Review
Attachments: McAfee_WaterWellPlat_021710_Revised.pdf

Scan No 2032881 CORRESPONDENCE 2A#400027377

From: Tracey Fallang [mailto:tfallang@billbarrettcorp.com]
Sent: Wednesday, February 17, 2010 11:31 AM
To: Kubeczko, Dave
Subject: FW: Bill Barrett Corp McAfee 16H-12-38-17, SESE Sec 12 T38N R17W, Montezuma County, Form 2A (#400027377) Review

Dave, following up on our discussion yesterday regarding your e-mail below, Bill Barrett provides these comments:

1. COA-1; The Form 2A requests the distance to the nearest surface water rather than the distance to the nearest surface water at similar elevation-which would be more representative for the proposed drilling locations ground-water depth. The distance provided was for a water well 1775' away with a depth to ground-water of 20'. However, that particular water well lies at a lower elevation directly adjacent to a streambed. If BBC were to pick more representative water wells at similar elevations which lie outside of the stream bed, depths to ground-water range from 118' to 169' (see attached). Based on this information, BBC believes this location is not within a sensitive area. However, BBC will line drilling pits as per COGCC rules as portions of the pit do lie within fill material.
2. COA-23; OK
COA-38; OK
COA-39; Per your message yesterday, this COA will be removed as it applies only to locations with a >10% slope.

Please advise if you have further questions or need additional information.

From: Tracey Fallang [mailto:tfallang@billbarrettcorp.com]
Sent: Wednesday, February 03, 2010 2:59 PM
To: Kubeczko, Dave
Subject: RE: Bill Barrett Corp McAfee 16H-12-38-17, SESE Sec 12 T38N R17W, Montezuma County, Form 2A (#400027377) Review

We will be calling to discuss these with you tomorrow.

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Wednesday, February 03, 2010 2:36 PM
To: Tracey Fallang
Subject: Bill Barrett Corp McAfee 16H-12-38-17, SESE Sec 12 T38N R17W, Montezuma County, Form 2A (#400027377) Review

Tracey,

I have been reviewing the McAfee 16H-12-38-17 **Form 2A** (#400027377). COGCC requests the following clarifications regarding the data Bill Barrett has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment.

1. **Water Resources (Section 14):** Based on depth to groundwater of 20 feet bgs, as well as the potentially permeable nature of the near surface unconsolidated materials in this area, COGCC guidelines require designating all locations with shallow groundwater (i.e., less than 20 feet) a ***sensitive area***, and the following condition of approval (COA) will apply:
COA 1 - Location is in a sensitive area due to shallow groundwater; therefore drilling pits must be lined or a closed loop system must be used.
2. **General:** Due to the potentially permeable nature of the surface material and the underlying bedrock in this area, the following conditions of approval (COAs) will apply:
COA 23 - Operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations. If fluids are conveyed via pipeline, operator must implement best management practices to contain any unintentional release of fluids.
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. 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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