

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Friday, February 26, 2010 10:40 AM
To: Kubeczko, Dave
Subject: FW: Bill Barrett Corp McAfee 3H-19-38-16, NENW Sec 19 T38N R16W, Montezuma County, Form 2A (#400027379) Review
Attachments: McAfee_WaterWellPlat_021710_Revised.pdf

Scan No 2032883 CORRESPONDENCE 2A#400027379

From: Tracey Fallang [mailto:tfallang@billbarrettcorp.com]
Sent: Wednesday, February 17, 2010 11:41 AM
To: Kubeczko, Dave
Subject: RE: Bill Barrett Corp McAfee 3H-19-38-16, NENW Sec 19 T38N R16W, Montezuma County, Form 2A (#400027379) 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 80'. The nearby water wells that are mentioned below represent wells at lower elevations that lie within the stream bed. More representative wells, which lie outside of the stream bed have depths to ground-water that 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: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Wednesday, February 03, 2010 2:36 PM
To: Tracey Fallang
Subject: Bill Barrett Corp McAfee 3H-19-38-16, NENW Sec 19 T38N R16W, Montezuma County, Form 2A (#400027379) Review

Tracey,

I have been reviewing the McAfee 3H-19-38-16 **Form 2A** (#400027379). 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. Form 2A indicates the depth to groundwater to be 80 feet bgs for a well located 1775 feet from the proposed pad. There are also other nearby water wells screened in the shallow aquifer with water levels ranging from 15 to 32 feet bgs. Although the depth to groundwater cannot be confirmed to be less than 20 feet bgs at this location, the potential exists for surface releases to reach groundwater due to the potentially permeable nature of the underlying bedrock in this area; therefore, the following condition of approval (COA) will apply:

COA 2 - Location may be in a sensitive area due to shallow groundwater; therefore the drilling pit must be lined or a closed loop system must be used.

1. **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

Colorado Oil & Gas Conservation Commission
Northwest Area Office
707 Wapiti Court, Suite 204
Rifle, CO 81650
Phone: (970) 625-2497x5
FAX: (970) 625-5682
Cell: (970) 309-2514
dave.kubeczko@state.co.us



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