

Kubeczko, Dave

From: Kubeczko, Dave
Sent: Friday, December 18, 2009 10:04 AM
To: Kubeczko, Dave
Subject: FW: EnCana Oil & Gas (USA), Hayward Nichols 36-8, PL36NE2, SENE Sec 36 T9S R96W, Mesa County, Form 2A (#400014533) Review

Scan No 2032709 CORRESPONDENCE 2A#400014533

From: Spector, DeAnne M. [mailto:DeAnne.Spector@encana.com]
Sent: Wednesday, December 16, 2009 4:05 PM
To: Kubeczko, Dave
Subject: RE: EnCana Oil & Gas (USA), Hayward Nichols 36-8, PL36NE2, SENE Sec 36 T9S R96W, Mesa County, Form 2A (#400014533) Review

David,

My responses to your questions below are in red. Also, I have attached a reference area map. Let me know if there are still problems. I will try to pay more attention in the future. The learning curve for the new Form 2As is a little hard to get used to.

Thank you for your patience.

DeAnne

From: Kubeczko, Dave [mailto:Dave.Kubeczko@state.co.us]
Sent: Monday, December 14, 2009 1:23 PM
To: Spector, DeAnne M.
Subject: EnCana Oil & Gas (USA), Hayward Nichols 36-8, PL36NE2, SENE Sec 36 T9S R96W, Mesa County, Form 2A (#400014533) Review

DeAnne,

I have been reviewing the Hayward Nichols 36-8, PL36NE2 (#400014533) **Form 2A**. COGCC requests the following clarifications regarding the data EnCana has submitted on or attached to the Form 2A prior to passing the Oil and Gas Location Assessment.

1. **Location Identification (Section 4):** Based on the longitude and latitude provided in this section, the QuarterQuarter Section that comes up on COGCC's GIS map is SENE. Can you confirm this. I can make the change if you send an email with this request. **I made a typo, it should be SENE**
2. **Construction (Section 6):** The dates for construction (12/01/2009) and interim reclamation (02/25/2009) are 14 months apart. Interim reclamation needs to begin within 6 months of drilling/completion for non crop land. Can you confirm that these dates are accurate. In addition, the size of the disturbed area during construction (4.75 acres) and size of location after interim reclamation (3.95 acres) are very similar. I would think that after interim reclamation, the disturbed area would be noticeably smaller. Can you please confirm what these sizes are. I can make the changes if you send an email with this request. **I used 14 months as we are never quite sure when the well will actually be drilled and actually completed, this is hard to call. Any ideas on how I can narrow it down?**
3. **Current and Future Land Use (Sections 10 and 11):** The land use checked, Timber, does not seem to be the most accurate. Based on the location photographs and the site visit, I believe that rangeland may be

more appropriate. I can make the change if you send an email with this request. **I looked at the form I printed out and I have Range Land checked, the boxes are to the right of the description, but should be closer in my opinion.**

4. **Water Resources (Section 14):** Form 2A indicates the distance to the nearest surface water is 361 feet. According to the attached hydrology map, the distance to the nearest surface water is 1091 feet to the north-northwest. I can make the change if you send an email with this request. **I agree with you that the distance should be 1091'.**
5. **Water Resources (Section 14):** Form 2A indicates the depth to groundwater to be 1000 feet bgs for a well located 4160 feet from the proposed pad. COGCC's review indicates there is a well (Permit No. 48467-MH-RNI/Dablo, monitoring well) to the south-southwest, with no information. There is another water well (Permit No. 216178-Adkins, domestic well) located 11985 feet to the south-southwest, with a total depth of 480 feet bgs, a depth to groundwater of 334 feet bgs, and a pumping rate of 2 gpm. This well may be more indicative of site groundwater conditions. I can make the change if you send an email with this request. **We had trouble finding information on this item, I agree with using Permit No. 216178-Adkins domestic water well.**
6. **303.d.(3).F.ii.aa and bb:** Since the current and future land uses are non crop land, a reference area needs to be indicated either on a topographic map, or in the comments section if the reference area is adjacent to the proposed pad. In addition, four (each cardinal direction) color photographs taken during the growing season of the reference area are required unless the reference area is adjacent to the proposed pad and vegetation can be seen on the location pictures. If you can confirm that the reference area is adjacent to the pad and in what direction, I can make the change if you send an email with this request. **I have attached a reference area map for your review.**

In general, these are minor issues and I would like to get this passed. 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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