

Deranleau, Greg

From: Lind, Jennifer R. [Jennifer.Lind@encana.com]
Sent: Monday, September 17, 2012 2:46 PM
To: Deranleau, Greg
Subject: RE: Ione 62N66W/NWNE Sec 2 HZ Pad (2A doc # 400311643)
Attachments: Ione NWNE Pad Loc rev2.pdf

Greg, thank you for your review. I have addressed the issues you have outlined here:

1. Updated location drawing attached to this email with correct scale.
2. Area of disturbance during drilling should be **4.7** acres, please update on the form. Area after interim reclamation can remain 1.5 acres.
3. Total number of wells associated with this location should be **6**, please update on the form.
4. I am working to get the reference area photos and map together for this location. Per rule 303.d.(3).L.ii.bb., we can submit these items at any time within 12 months of the application. Please do not let this request hold up the permit at this time.
5. Please change sensitive area determination to Yes.
6. Encana will comply with the proposed COA regarding the tank battery liner.

Please let me know if you have any additional questions at this time.

Thank you,
Jennifer

Jennifer Lind
Regulatory Analyst
Encana Oil & Gas (USA) Inc.
720-876-5890 (direct)
720-839-5105 (cell)

Take a closer look: www.encana.com

Please note Encana offices are closed the first and third Friday of each month.

From: Deranleau, Greg [<mailto:Greg.Deranleau@state.co.us>]
Sent: Monday, September 17, 2012 8:33 AM
To: Lind, Jennifer R.
Cc: Young, Rob; Garrison, Penny
Subject: Ione 62N66W/NWNE Sec 2 HZ Pad (2A doc # 400311643)

Jennifer,

I am conducting the final review of the referenced location prior to recommending director approval.

Please correct or provide additional documentation describing the following:

1. The Location Drawing is inadequate to meet the requirements of Rule 303.d.(3)C. The scale provided on the page does not match the dimensions shown on the image. If necessary provide the image on one 8-1/2 x 11 sheet with the notes and distances on a separate page.
2. Construction information indicates that the pad will be 1.5 acres total disturbance during drilling and following interim reclamation. Please correct this information.
3. The Form 2A indicates 7 wells will be drilled from this location, however only 6 wells are indicated on your multi-well plan. Please revise the multi-well plan to meet the requirements of Rule 303.d.(3)I.

- a. It appears the number of wells was changed during COGCC review. If this change was made in error, please so indicate in your reply. Otherwise please provide a written request to make the change in your reply.
4. The Form 2A indicates that the location will be built in Rangeland. Please provide the reference area information required by Rule 303.d.(3)L.
5. The Form 2A indicates that the depth to groundwater is 7'. Therefore COGCC requests your approval to change the sensitive area determination from "NO" to "YES," based on the COGCC 100-Series definitions of "Sensitive Areas."
6. Because of the indicated depth to water and capacity of the indicated soil type to transmit water, with your concurrence COGCC will apply the following condition of approval (COA) to this location.
 - a. Tank batteries shall be constructed with a synthetic or clay liner to prevent spilled or leaked fluids from infiltrating.

I have placed the Form 2A ON HOLD until these issues are resolved. The associated Form 2s will also be held.

Thanks for your assistance with this. Please respond directly to me, as Rob is out of the office this week.

Greg Deranleau
Oil and Gas Location Assessment Supervisor

Colorado Oil & Gas Conservation Commission
1120 Lincoln Street, Suite 801
Denver, CO 80203
303-894-2100, ext 5153



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