



Andrews - DNR, Doug <doug.andrews@state.co.us>

COGCC Form 2A review of Anadarko E&P Onshore's RESOLUTION FED 12-65-29-20-7NH location - Doc #401608983

5 messages

Andrews - DNR, Doug <doug.andrews@state.co.us>
To: teisha.black@anadarko.com

Tue, May 22, 2018 at 11:17 AM

Teisha,

I have reviewed the referenced Refile Form 2A Oil & Gas Location Assessment and have the following comments.

- 1) In the Construction section Anadarko left the Estimated post-construction ground elevation blank. On the original Form 2A it was listed as 5,968 feet. If this post-construction elevation is still the same please let me know.
- 2) In the Water Resources section Anadarko has indicated the estimated depth to groundwater is 344 feet. This appears to be based on the total depth of the nearest water well. On the original Form 2A the estimated depth to groundwater was listed as 40 feet based on the static water level in this same nearest water well (210 feet), corrected due to the difference in ground elevation between where it is located and your proposed Oil & Gas Location. Therefore, I would like to change the estimated depth to groundwater to 40 feet.
- 3) Anadarko has included an operator comment stating "*Rangeland pictures will also be provided during growing season via sundry notice.*" I suspect Anadarko means Reference Area Pictures in this statement, which is odd as Reference Area Pictures (and a Reference Area Map) were included on the original Form 2A. Unless Anadarko wished to change their Reference Area, I would like to remove this attachment.
- 4) Following up from the Reference Area Pictures issue above, a Reference Area Pictures attachment is included on this Refile Form 2A. I suspect these were meant to be the Location Pictures attachment as the Location Pictures attachment includes only one single photo, showing where the Access Road comes off of the nearest Public Road. No other pictures are included in this attachment. The curious thing about the pictures in the Reference Area Pictures attachment is that when comparing these pictures with the Location Pictures submitted with the original Form 2A, they appear to be completely identical except for one thing, the date the photos were taken. See below.

RESOLUTION FED 12-65-29-20-7NH



CAMERA ANGLE: EASTERLY
SESE SEC 29 T12N-R65W

PICTURES TAKEN DECEMBER 12, 2014
WELD COUNTY, CO

RESOLUTION FED 12-65-29-20-7NH

CAMERA ANGLE: EASTERLY
SESE SEC 29 T12N-R65W

PICTURES TAKEN MARCH 18, 2018
WELD COUNTY, CO

It appears to me that Anadarko used the same Location Pictures from their original 2015 Form 2A, changed the date the pictures were taken to March 18, 2018 and attached them to this Refile 2A as Reference Area Pictures. Please provide me with current Location Pictures of this proposed Oil & Gas Location.

5) I see where Anadarko has listed a Flare for this proposed Oil & Gas Location. What are Anadarko's plans for conserving the gas from these wells by connecting to a gas sales line. Flaring/burning of salable quality gas is not allowed by the COGCC except under very limited and specific conditions and requires pre-approval by the COGCC to do so. Approval of a Form 2A that includes a flare does not constitute approval to flare/burn salable quality gas.

Please respond to this correspondence by June 22, 2018. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

303.894.2100 Ext. 5180
1120 Lincoln St., Suite 801, Denver, CO 80203
doug.andrews@state.co.us | <http://cogcc.state.co.us/>

Black, Teisha <Teisha.Black@anadarko.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Wed, May 23, 2018 at 12:25 PM

Doug,

Would you return the 2A to draft? I will correct the information and re-submit the sundries.

Thanks,

Teisha Black

Regulatory Analyst

Office: (435) 781-9724

Cell: (435) 724-3085

Teisha.Black@anadarko.com

From: Andrews - DNR, Doug <doug.andrews@state.co.us>

Sent: Tuesday, May 22, 2018 11:18 AM

To: Black, Teisha <Teisha.Black@anadarko.com>

Subject: COGCC Form 2A review of Anadarko E&P Onshore's RESOLUTION FED 12-65-29-20-7NH location - Doc #401608983

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Andrews - DNR, Doug <doug.andrews@state.co.us>
To: "Black, Teisha" <Teisha.Black@anadarko.com>

Wed, May 23, 2018 at 12:35 PM

Teisha,

Once a Form 2A is In Process with us we cannot return it to Draft. We can only Withdraw it. I will be glad to Withdraw it, but that will require Anadarko to recreate the entire Form 2A over from scratch. A permit that has been Withdrawn cannot be edited by the operator. Please let me know how you wish to proceed.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



303.894.2100 Ext. 5180
1120 Lincoln St., Suite 801, Denver, CO 80203
doug.andrews@state.co.us | <http://cogcc.state.co.us/>

[Quoted text hidden]

Black, Teisha <Teisha.Black@anadarko.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Wed, May 23, 2018 at 12:38 PM

Please hold it and I will provide you with the corrected data.

Thanks for your help,

Teisha Black

Regulatory Analyst

Office: (435) 781-9724

Cell: (435) 724-3085

Teisha.Black@anadarko.com

From: Andrews - DNR, Doug <doug.andrews@state.co.us>

Sent: Wednesday, May 23, 2018 12:36 PM

To: Black, Teisha <Teisha.Black@anadarko.com>

Subject: Re: COGCC Form 2A review of Anadarko E&P Onshore's RESOLUTION FED 12-65-29-20-7NH location - Doc #401608983

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Black, Teisha <Teisha.Black@anadarko.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Tue, Jun 19, 2018 at 11:30 AM

Doug,

Please see my response in red to your questions:

1) In the Construction section Anadarko left the Estimated post-construction ground elevation blank. On the original Form 2A is was listed as 5,968 feet. If this post-construction elevation is the still the same please let me know.

Yes, the post-construction ground elevation will be 5,968 feet.

2) In the Water Resources section Anadarko has indicated the estimated depth to groundwater is 344 feet. This appears to be based on the total depth of the nearest water well. On the original Form 2A the estimated depth to groundwater was listed as 40 feet based on the static water level in this same nearest water well (210 feet), corrected due to the difference in ground elevation between where it is located and your proposed Oil & Gas Location. Therefore, I would like to change the estimated depth to groundwater to 40 feet.

Please change the ground water depth to 40 feet.

3) Anadarko has included an operator comment stating "*Rangeland pictures will also be provided during growing season via sundry notice.*" I suspect Anadarko means Reference Area Pictures in this statement, which is odd as Reference Area Pictures (and a Reference Area Map) were included on the original Form 2A. Unless Anadarko wished to change their Reference Area, I would like to remove this attachment.

Please remove the statement form the comments.

4) Following up from the Reference Area Pictures issue above, a Reference Area Pictures attachment is included on this Refile Form 2A. I suspect these were meant to be the Location Pictures attachment as the Location Pictures attachment includes only one single photo, showing where the Access Road comes off of the nearest Public Road. No other pictures are included in this attachment. The curious thing about the pictures in the Reference Area Pictures attachment is that when comparing these pictures with the Location Pictures submitted with the original Form 2A, they appear to be completely identical except for one thing, the date the photos were taken. It appears to me that Anadarko used the same Location Pictures from their original 2015 Form 2A, changed the date the pictures were taken to March 18, 2018 and attached them to this Refile 2A as Reference Area Pictures. Please provide me with current Location Pictures of this proposed Oil & Gas Location.

Attached are the updated pictures taken 06/04/2018.

5) I see where Anadarko has listed a Flare for this proposed Oil & Gas Location. What are Anadarko's plans for conserving the gas from these wells by connecting to a gas sales line. Flaring/burning of salable quality gas is not allowed by the COGCC except under very limited and specific conditions and requires pre-approval by the COGCC to do so. Approval of a Form 2A that includes a flare does not constitute approval to flare/burn salable quality gas.

For the flaring, we do understand that the approval of the 2A does not allow us to flare/burn salable quality gas. When we are ready to drill these locations/wells, if we do need to flare initially, we will submit for a variance.

Thank you,

Teisha Black

Regulatory Analyst

Office: (435) 781-9724

Cell: (435) 724-3085

Teisha.Black@anadarko.com

From: Andrews - DNR, Doug <doug.andrews@state.co.us>

Sent: Tuesday, May 22, 2018 11:18 AM

To: Black, Teisha <Teisha.Black@anadarko.com>

Subject: COGCC Form 2A review of Anadarko E&P Onshore's RESOLUTION FED 12-65-29-20-7NH location - Doc #401608983

Teisha,

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