



Mallard's Development near the Goldeneye locations

13 messages

Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>
To: Justin Garrett <jgarrett@ascentgeomatics.com>

Wed, Aug 7, 2019 at 1:42 PM

Justin,

During the review with Director on Monday the question of why Mallard needs the two Goldeneye locations (2A document #s 401631807 and 401631824) in section 21 and why they are planning to drill one mile laterals was raised. COGCC Rule 1002.e.(3) directs operators to minimize disturbed areas and consolidate operations. Two pads in one section appears to be add odds with Rule 1002.e.(3).

In addition, the DuClair pad is to the North of the proposed Goldeneye Locations in Section 9. It appears the minerals in section 21 could accessed from the Duclair Pad using two mile laterals. The two mile laterals would also seem to fit Mallard's pattern of development in the area. Using the Duclair pad would also consolidate production, minimize Mallard's surface disturbance and reduce cumulative impacts as required under Rule 1002.e.(3).

Could you please explain the rationale behind the two Goldeneye pads and why the minerals cannot be accessed from the DuClair Pad? Or explain why some other configuration that minimizes the disturbed area related to the Goldeneye wells cannot be used.

Thanks,

Arthur

--

Arthur W. Koepsell, P.G.

Environmental Protection Specialist



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

1120 Lincoln St. Suite 801

Denver Colorado 80203

Phone (303) 894-2100 ext. 5148

Justin Garrett <jgarrett@ascentgeomatics.com>

Wed, Aug 7, 2019 at 1:54 PM

To: "Koepsell - DNR, Arthur" <arthur.koepsell@state.co.us>

Cc: Ann Feldman <afeldman@ascentgeomatics.com>, Erin Mathews <emathews@mallardexploration.com>

Arthur -

I have reached out to Mallard for response.

Thank you

Justin Garrett

Regulatory Analyst

Ascent Geomatics Solutions (Formerly PFS)

Office: 303.928.7128

8620 Wolff Court

Westminster, CO 80031

TBPLS Firm Registration No. 10194123



From: Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>

Sent: Wednesday, August 7, 2019 1:42 PM

To: Justin Garrett <jgarrett@Ascentgeomatics.com>

Subject: Mallard's Development near the Goldeneye locations

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Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>

Wed, Aug 7, 2019 at 1:55 PM

To: Justin Garrett <jgarrett@ascentgeomatics.com>

Cc: Ann Feldman <afeldman@ascentgeomatics.com>, Erin Mathews <emathews@mallardexploration.com>

Thanks Justin.

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Erin Mathews <emathews@mallardexploration.com>

Tue, Aug 20, 2019 at 5:48 PM

To: "Koepsell - DNR, Arthur" <arthur.koepsell@state.co.us>

Cc: Justin Garrett <jgarrett@ascentgeomatics.com>, "Andrews - DNR, Doug" <doug.andrews@state.co.us>, Laurel Faber - DNR <laurel.faber@state.co.us>

Arthur,

As we all discussed a couple of weeks ago when we meet with COGCC staff, Mallard is willing to reduce the number of surface locations to drill our Goldeneye and Duclair Units. As you pointed out below, we currently have an approved location, known as the Duclair Pad (464461) with 11 approved APDs to drill Section 16, T8N, R60W. Additionally, we have two Form 2As known as Goldeneye West and Goldeneye East (2A document #s 401631807 and 401631824) in process with an associated 16 APDs in process to drill Section 21, T8N, R60W.

Mallard is willing to withdraw the Goldeneye West Form 2A to reduce the number of Mallard surface locations in Section 21 to one. We would ask that you continue to review and process the Goldeneye East Form 2A for final approval. Under the new permitting policy effective today, once that Form 2A was approved we would then submit new Form 2s for one mile laterals covering all of Section 21 from only the Goldeneye East surface asking permitting staff to help us get those permits approved in time for our spud date of January 2020. This spud date is critical as we are facing a federal lease expiration in February 2020.

As we expressed at the meeting we are also willing to concurrently work on a two mile scenario in which we drill both Sections 21 and 16 from a single location with two mile laterals. We still have concerns regarding the tight timeline to do so – the length of time it takes to get spacing applications approved may prevent us from being able to execute the two mile option. Regardless we are moving forward and are working on an SUA for a new location in the SENW of Section 21. We are also preparing a spacing application to create a 1280 ac DSU for the November hearing. If the spacing application were approved in November, Mallard would be willing to submit two mile permits from the new surface location and abandon the Goldeneye East and Duclair permits/locations. To make sure that our Form 2A is approved and ready in the event that the DSU is approved in November, Mallard would be looking to submit the new Form 2A in the SENW of Section 21 as soon as possible.

In summary, if Mallard withdraws the Goldeneye West location would COGCC staff be comfortable moving forward approving our Goldeneye East location? As outlined above Mallard would commit to keep working on a two mile scenario with the understanding that we are facing a hard spud deadline that may require execution of one mile laterals if we have to HBP.

Also on a side note the WOGLAs for Goldeneye West and Goldeneye East were approved today (8/20/2019).

Sorry for the lengthy email. Please don't hesitate to give me a call to discuss.

Thanks,

Erin

Erin Mathews, PE

VP of Development

Mallard Exploration

1400 16th St. Suite 300 Denver, CO 80202

W: 720.543.7959 | C: 970.302.6171 | E-mail: emathews@mallardexploration.com



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Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>

Wed, Aug 21, 2019 at 7:46 AM

To: John Noto - DNR <john.noto@state.co.us>, Greg Deranleau <greg.deranleau@state.co.us>

FYI

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Deranleau - DNR, Greg <greg.deranleau@state.co.us>

Wed, Aug 21, 2019 at 8:02 AM

To: "Koepsell - DNR, Arthur" <arthur.koepsell@state.co.us>

Cc: John Noto - DNR <john.noto@state.co.us>

Cool. It looks like they are making good efforts to work this out and hopefully we can help them out so they can.

Greg

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--

Greg Deranleau
Environmental Manager



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Department of Natural Resources

The mission of the COGCC is to regulate the development and production of the natural resources of oil and gas in the state of Colorado in a manner that protects public health, safety, welfare, the environment and wildlife resources.

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greg.deranleau@state.co.us | www.colorado.gov/cogcc

Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>

Thu, Aug 22, 2019 at 10:25 AM

To: Erin Mathews <emathews@mallardexploration.com>, Justin Garrett <jgarrett@ascentgeomatics.com>

Erin,

We can move forward with the proposed plan for the Golden eye locations. In order to process the Golden eye east location for the additional one mile laterals the COGCC will need the follow information:

Updated well and facility counts,
Any changes to the disturbed area if necessary,
Updated location drawing and
Updated Multi-Well Plan.

Please let me know if you have any questions or concerns regarding the requested information.

Thanks,

Arthur

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Erin Mathews <emathews@mallardexploration.com>

Tue, Sep 3, 2019 at 11:12 AM

To: "Koepsell - DNR, Arthur" <arthur.koepsell@state.co.us>, Justin Garrett <jgarrett@ascentgeomatics.com>

Arthur,

The current Goldeneye East Pad as permitted would cover everything that we want in the one mile scenario. As permitted the location has enough surface slots for the one mile development and the pad disturbance does not need to be adjusted. So the only thing that would ultimately change is the multi-well plan. If you could approve the Form 2A now, we could then resubmit clean form 2s and a multi-well plan depicting the one mile development of Section 21.

Additionally we hope to make a submittal of the Form 2A for the new location this week – we are just wrapping up survey exhibits.

Thanks,

Erin

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Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>

Wed, Sep 4, 2019 at 1:15 PM

To: John Noto - DNR <john.noto@state.co.us>

John,

I am going to head your direction to discuss this email from Mallard really quick.

Arthur

----- Forwarded message -----

From: **Erin Mathews** <emathews@mallardexploration.com>

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Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>

Mon, Sep 9, 2019 at 8:10 AM

To: Erin Mathews <emathews@mallardexploration.com>, Justin Garrett <jgarrett@ascentgeomatics.com>

Cc: John Noto - DNR <john.noto@state.co.us>

Erin,

The COGCC will still need the previously requested information that included:

Updated well and facility counts,

Updated location drawing and

Updated Multi-Well Plan.

Once that information has been provided the 2A review can continue. Please let me know if you have any questions or concerns regarding the requested information.

Thanks,

Arthur

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Erin Mathews <emathews@mallardexploration.com>

Tue, Sep 10, 2019 at 2:24 PM

To: "Koepsell - DNR, Arthur" <arthur.koepsell@state.co.us>, Justin Garrett <jgarrett@ascentgeomatics.com>

Cc: John Noto - DNR <john.noto@state.co.us>

Arthur,

The Goldeneye East location will have 13 wells and the following equipment. Both the well count and the equipment count remain unchanged from what is currently in process. Additionally the pad disturbance and interim reclamation will remain the same so no changes to the location drawing. An updated multi-well plan is attached.

Equipment List

Wells	13	Fuel Tanks (for equipment)	0
Oil Tanks	26	LACT Units	2
Water Tanks	13	Vapor Recovery Units	4
Separators	13	Vapor Recovery Towers	1
Dehydrator Units	0	Gas Compressors	2
Pump Jacks	13	Cavity Pumps	0
Electric Motors	13	Gas/Diesel Motors	13
Electric Generators	2	Pigging Station	0
Flare	0	VOC Combustor	0
Production Pits	0	Emission Control Devices	7
Special Purpose Pits	0	Drilling Pits	0
Condensate Tanks	0	Multi-Well Pits	0
Fired Vessels	13	MLVTs	2
Other			

Please let me know if you have questions.

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Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>
To: Erin Mathews <emathews@mallardexploration.com>
Cc: Justin Garrett <jgarrett@ascentgeomatrics.com>

Thu, Sep 12, 2019 at 8:55 AM

Erin,

Please update the well list on the Facility layout drawing so that it matches the wells in the Multiwell Plan. Once the figure is updated please email it to me.

Thanks,

Arthur



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Arthur W. Koepsell, P.G.

Water Resource Protection and Environmental Data Specialist

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Erin Mathews <emathews@mallardexploration.com>
To: "Koepsell - DNR, Arthur" <arthur.koepsell@state.co.us>
Cc: Justin Garrett <jgarrett@ascentgeomatrics.com>

Thu, Sep 12, 2019 at 9:34 AM

Arthur,

Attached is a revised Location Drawing with updated well names.

Thanks,

Erin

Erin Mathews, PE

VP of Development

Mallard Exploration

1400 16th St. Suite 300 Denver, CO 80202



From: Koepsell - DNR, Arthur <arthur.koepsell@state.co.us>
Sent: Thursday, September 12, 2019 8:56 AM
To: Erin Mathews <emathews@mallardexploration.com>
Cc: Justin Garrett <jgarrett@ascentgeomatics.com>
Subject: Re: Mallard's Development near the Goldeneye locations

Erin,

Please update the well list on the Facility layout drawing so that it matches the wells in the Multiwell Plan. Once the figure is updated please email it to me.

Thanks,

Arthur



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Goldeneye East Pad 8N60W21 Location Drawing Revised.pdf
 707K