



STATE OF  
COLORADO

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

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## COGCC Form 2A review of Mallard Exploration's Gadwall Pad - Doc #401393767

2 messages

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**Andrews - DNR, Doug** <doug.andrews@state.co.us>  
To: Regulatory Team <regulatory@ascentgeomatics.com>

Wed, Sep 27, 2017 at 2:26 PM

Jeff,

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

1) In the Water Resources section Mallard Exploration has indicated the estimated depth to groundwater is 158 feet based on the nearest water well. A review of that water well's permit indicates it is screened from 200 to 250 feet below ground surface (bgs). This is likely not indicative of how shallow groundwater may be in this area. The next nearest water well is Permit #9617-F located to the southeast in Section 29. This well was drilled and screened shallower and the reported depth to groundwater is 30 feet. Also, due to the presence of small ponds and wetlands in this area, I think an estimated depth to groundwater of 30 feet is more indicative of how shallow groundwater can be in the area of this proposed Oil & Gas Location. Therefore, I would like to change the estimated depth to groundwater from 158 feet to 30 feet.

Please respond to this correspondence by October 27, 2017. If you have any questions, please contact me. Thank you.

*Doug Andrews*

Oil & Gas Location Assessment Specialist - Northeast Colorado



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**Ann Feldman** <afeldman@ascentgeomatics.com>  
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>  
Cc: Jeffrey Annable <jannable@ascentgeomatics.com>

Wed, Sep 27, 2017 at 4:19 PM

Hi Doug,

We agree to your request to change the estimated depth to groundwater to 30 feet.

Many thanks,

a

**Ann Feldman**

**Regulatory Manager**

**Ascent Geomatics Solutions** (Formerly PFS)

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**From:** Andrews - DNR, Doug [mailto:[doug.andrews@state.co.us](mailto:doug.andrews@state.co.us)]

**Sent:** Wednesday, September 27, 2017 2:27 PM

**To:** Regulatory

**Subject:** COGCC Form 2A review of Mallard Exploration's Gadwall Pad - Doc #401393767

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