

**STATE OF
COLORADO****Andrews - DNR, Doug** <doug.andrews@state.co.us>

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

2 messages

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

**COLORADO**
Oil & Gas Conservation
Commission
Department of Natural Resources

1120 Lincoln St., Suite 801
Denver, CO 80203
doug.andrews@state.co.us
303-894-2100 Ext. 5180

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)

7535 Hilltop Circle

Denver, Colorado 80221

Office: 303-928-7128

Fax: 303-218-5678

TBPLS Firm Registration No. 10194000



Please follow us on Social Media!



Confidentiality Notice: This e-mail message and attachments are only for the use of the intended recipient and may contain information that is privileged, confidential or exempt from disclosure under applicable law. If you are not the intended recipient, any disclosure, distribution or other use of this e-mail message or attachments is prohibited. If you have received this e-mail in error, please delete and notify the sender immediately. In addition, please be aware that any messages addressed to our domain are subject to archiving and review by persons other than the intended recipient.

From: Andrews - DNR, Doug [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

[Quoted text hidden]