



STATE OF
COLORADO

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

RE: [EXTERNAL] :COGCC Form 2A review of PDC Energy's Bath-Sch 5N64W32G location - Doc #401233504

1 message

Alexandria Gale <Alexandria.Gale@pdce.com>
To: "Andrews - DNR, Doug" <doug.andrews@state.co.us>

Fri, May 5, 2017 at 11:08 AM

Hi Doug,

Please see my BMP below.

To prevent adverse impacts to shallow groundwater, buried produced water vault shall be installed above an impermeable synthetic or geosynthetic liner system which shall be tied back into the surface liner.

Please let me know if you need anything else!

Thank you and have a great weekend!

Ally Gale | Regulatory Technician | O: 303-831-3931 | F: 303-860-5838



From: Andrews - DNR, Doug [mailto:doug.andrews@state.co.us]
Sent: Thursday, May 4, 2017 2:03 PM
To: Alexandria Gale <Alexandria.Gale@pdce.com>
Subject: [EXTERNAL] :COGCC Form 2A review of PDC Energy's Bath-Sch 5N64W32G location - Doc #401233504

Ally,

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

In the Water Resources section you have indicated the estimated depth to groundwater is 12 feet. In the Facilities section you have indicated there will be up to three buried produced water vaults on this Oil & Gas Location. Whenever buried produced water vaults are proposed and groundwater is shallow, we want the operator to include a Best Management Practice (BMP) describing how the buried produced water vaults will be installed that will prevent or mitigate any release of their contents from impacting groundwater. Please provide me with this BMP.

Excellent job on this 2A. I appreciate the effort you (and Venessa) put into preparing Form 2As.

Please respond to this correspondence by June 4, 2017. If you have any questions, please contact me. Thank you.

Doug Andrews

Oil & Gas Location Assessment Specialist - Northeast Colorado



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