

## Allison, Rick

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**From:** Liz Lindow [llindow@petd.com]  
**Sent:** Monday, January 30, 2012 9:19 AM  
**To:** Allison, Rick  
**Subject:** RE: Thornton 19X-404 Pad Form 2A 400245431 - PDC Energy

Hi Rick,

Yes, closed loop drilling will be used. The 'no' was checked by mistake.

Thank you,  
Liz Lindow

Regulatory Analyst  
PDC Energy  
O: 303-860-5800  
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[llindow@petd.com](mailto:llindow@petd.com)

-----Original Message-----

From: Allison, Rick [<mailto:Rick.Allison@state.co.us>]  
Sent: Mon 1/30/2012 9:01 AM  
To: Liz Lindow  
Subject: Thornton 19X-404 Pad Form 2A 400245431 - PDC Energy

Liz,

I am reviewing the subject Form 2A, and request the following changes be made before completing my review of the Form:

1. Closed Loop Drilling was checked no, but no drilling pit was listed. I assume closed loop drilling will be used. If so, please approve me changing the answer for closed loop drilling from No to Yes.
2. The location is in a sensitive area due to the likelihood of shallow ground water. Permit 688-WCB has a reported static water level of 20 feet. Please also see water well permit 45198 with a reported static water level of 5 feet in the NWNE Section 19. I have changed the sensitive area designation from No to Yes.

Note that if closed loop drilling will be used and no pits are requested, then no COA will be applied.

Please contact me if you have any questions.

Rick Allison, P.G.

Oil and Gas Location Assessment Specialist

Colorado Oil and Gas Conservation Commission

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