



Allison - DNR, Rick <rick.allison@state.co.us>

New Cache FH NWSW/NWSE Tank Battery 8-12D Form 2A 400364999

Shannon Hartnett <shartnett@gwogco.com>
To: "Allison - DNR, Rick" <rick.allison@state.co.us>

Mon, Feb 11, 2013 at 8:45 AM

Rick –

I acknowledge the COAs due to the proximity of the surface water location and shallow ground water as noted below.

Thank you,

Shannon

From: Allison - DNR, Rick [mailto:rick.allison@state.co.us]
Sent: Friday, February 08, 2013 3:50 PM
To: Shannon Hartnett
Subject: New Cache FH NWSW/NWSE Tank Battery 8-12D Form 2A 400364999

Shannon,

I am reviewing the Form 2A location assessment for the New Cache FH NWSW/NWSE Tank Battery 8-12D. Please address the following comments:

1. I changed the Sensitive Area Designation to Yes due to shallow ground water, the presence of permeable subsurface material and the proximity of the location to several surface water bodies.
2. Conditions of Approval: Please acknowledge the following conditions of approval due to the proximity of the location to surface water and due to the presence of shallow ground water:

COA 1. Location is in a sensitive area because of close proximity to surface water, therefore, operator must ensure 110 percent secondary containment for any volume of fluids contained at well site during drilling and completion operations.

COA 2. The location is in a sensitive area due to the presence of shallow ground water and proximity to surface water. Therefore, the tank battery must be constructed with an engineered or synthetic liner.

Please contact me with any questions regarding this Form 2A.

Rick Allison, P.G.

Oil and Gas Location Specialist - Northeast Colorado

Colorado Oil and Gas Conservation Commission

303-894-2100 x5102