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## RE: HSR Cherry Knolls COA from Judy 34 Pad

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**Brittany Rothe** <brothe@confluencelp.com>  
To: Stephen Wolfe - DNR <Stephen.wolfe@state.co.us>  
Cc: Diane McCoy - DNR <diane.mccoy@state.co.us>

Wed, Feb 28, 2018 at 11:34 AM

10-4. Sounds good.

Thank you, Steve.

Britt



### Brittany Rothe

Engineering Manager

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**From:** Stephen Wolfe - DNR [mailto:[Stephen.wolfe@state.co.us](mailto:Stephen.wolfe@state.co.us)]

**Sent:** Wednesday, February 28, 2018 11:00 AM

**To:** Brittany Rothe <[brothe@confluencelp.com](mailto:brothe@confluencelp.com)>

**Cc:** Diane McCoy - DNR <[diane.mccoy@state.co.us](mailto:diane.mccoy@state.co.us)>

**Subject:** RE: HSR Cherry Knolls COA from Judy 34 Pad

Hi,

Yes we do, the worst case would be frac pressure at the base of that surface plug. I will add this comment to our well file for each of the Buford wells that you have agreed to Option 3 and will complete work prior to stimulating any wells on the Buford Pad, S34 1N 65W.

Additional COA agreed to by operator after APD approval,

Operator acknowledges the proximity of the listed non-operated wells. Operator assures that this offset list will be remediated per the DJ Basin Horizontal Offset Policy (option 3). Operator will submit a Form 42 ("OFFSET MITIGATION COMPLETED") stating what appropriate mitigation occurred and that it has been completed, prior to the hydraulic stimulation of this well.

HSR Cherry Knolls #9-33, 05-123-19677

Thanks,

Steve

Stephen Wolfe

303-882-0224 (m)

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**From:** Brittany Rothe [mailto:[brothe@confluencelp.com](mailto:brothe@confluencelp.com)]  
**Sent:** Wednesday, February 28, 2018 10:11 AM  
**To:** Stephen Wolfe - DNR <[Stephen.wolfe@state.co.us](mailto:Stephen.wolfe@state.co.us)>  
**Subject:** HSR Cherry Knolls COA from Judy 34 Pad

Hey Steve,

Digging into this a bit, I think how we ended up w/no mitigation required on the HSR Cherry Knolls #9-33 was because surface casing was set to 1,380' and cemented up to surface, and the wellbore was never stimulated and never produced.

But, if we need to make sure there's a plug over the Nio, then let's add that as a COA. I'm fine with that.

Thanks,

Britt

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**From:** Stephen Wolfe - DNR [mailto:[Stephen.wolfe@state.co.us](mailto:Stephen.wolfe@state.co.us)]  
**Sent:** Tuesday, February 27, 2018 2:13 PM  
**To:** Brittany Rothe <[brothe@confluencelp.com](mailto:brothe@confluencelp.com)>  
**Subject:** RE: Judy 34-P OWE, COA & Other

Hi,

Left you a message at the office. I need to talk to you about the HSR Cherry Knolls #9-33, 05-123-19677. This is an offset to the Buford wells on the Judy pad. It was a DA, D Sand that does not have a plug over the Nio. I should have added an Option 3 to reenter this well and get a plug over the Nio. We both called this one good and that is not the case. Please give me a call to discuss.

Thanks,

Steve

Stephen Wolfe

303-882-0224 (m)

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**From:** Brittany Rothe [mailto:[brothe@confluencelp.com](mailto:brothe@confluencelp.com)]  
**Sent:** Wednesday, September 20, 2017 9:24 AM  
**To:** Stephen Wolfe - DNR <[Stephen.wolfe@state.co.us](mailto:Stephen.wolfe@state.co.us)>  
**Subject:** RE: Judy 34-P OWE, COA & Other

OK, Steve.

Let's do it right.

Thanks,

Britt

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**From:** Stephen Wolfe - DNR [mailto:[Stephen.wolfe@state.co.us](mailto:Stephen.wolfe@state.co.us)]  
**Sent:** Wednesday, September 20, 2017 9:20 AM  
**To:** Brittany Rothe <[brothe@confluencelp.com](mailto:brothe@confluencelp.com)>  
**Subject:** RE: Judy 34-P OWE, COA & Other

Brit,

Regarding the COA's,

Jordan 34-9 does have 294' of cement over the Nio. However only 5 sx over the Nio inside the pipe. Base of Fox Hills barely covered at 1150', base of transition is 1320' and we would want 50' past that. Therefore this COA will remain.

Jordan-Loustaunau 34-10 is 100' short of covering the Niobrara and the base of the transition zone is covered without an excess. This will remain a COA as well.

Thanks,

Steve

Stephen Wolfe  
[303-882-0224](tel:303-882-0224) (m)

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**From:** Brittany Rothe [mailto:[brothe@confluencelp.com](mailto:brothe@confluencelp.com)]  
**Sent:** Tuesday, September 19, 2017 11:24 AM  
**To:** Stephen Wolfe - DNR <[Stephen.wolfe@state.co.us](mailto:Stephen.wolfe@state.co.us)>  
**Subject:** RE: Judy 34-P OWE, COA & Other