

STATE OF
COLORADO

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acher - DNR, Jay <jay.krabacher@state.co.us>

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JAN 03 2014

COGCC/Rifle Office

FW: NOAVs for Routt County wells

2 messages

Jodi Keeler <jodik@antelope-energy.com>

Fri, Jan 3, 2014 at 2:29 PM

To: "jay.krabacher@state.co.us" <jay.krabacher@state.co.us>

Jay,

As we discussed. Thanks so much for your help.

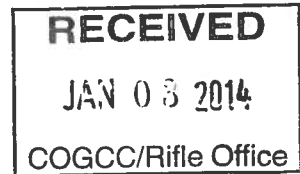
Jodi Keeler

Production/Marketing Manager

ANTELOPE ENERGY COMPANY, LLC**P.O. Box 577****Kimball, NE 69145****308.235.4661 - O****308.235.4550 - F****From:** Jodi Keeler**Sent:** Friday, January 03, 2014 2:07 PM**To:** 'Bob Koehler - DNR'; Andrews - DNR, David (david.andrews@state.co.us)**Cc:** RickK**Subject:** RE: NOAVs for Routt County wells

Bob and Dave,

This afternoon I left a voicemail message for David Andrews regarding a request for a variance on setting the packer for the MIT of the State 1-16 well (107-06127). We are unable to get through the 4 ½" liner to set the packer immediately above the perforations. The top of the liner is at 7878' and the top perforation is at 8346'. Antelope requests that the COGCC allow us to set the packer in the 7" casing at ~7878'.

ANTELOPE ENERGY COMPANY, LLC**P.O. Box 577****Kimball, NE 69145****308.235.4661 - O****308.235.4550 - F**

From: Jodi Keeler
Sent: Wednesday, December 11, 2013 1:49 PM
To: 'Bob Koehler - DNR'
Subject: RE: NOAVs for Routt County wells

Thanks – I'll pass this on.

From: Bob Koehler - DNR [mailto:bob.koehler@state.co.us]
Sent: Wednesday, December 11, 2013 12:23 PM
To: Jodi Keeler
Subject: RE: NOAVs for Routt County wells

Jodi,

Since these are production and not injection wells the minimum pressure is 300 psi. DO NOT GO BELOW 300 PSI DURING THE TEST OR THE TEST WILL BE A CONSIDERED A FAILURE. I sent CM Production back out because 1 of the 5-6 wells they MIT'd started at 300 psi but fell to 295 psi. The well failed the test. We accept +/-10% from the initial test pressure as a pass. If you start the test at 350 psi you therefore have 35 psi to play with and you will still be above 300 psi if pressure drops. If you start at 300 psi you do have 30 psi to play with but you cannot go below 300 psi so any drop results in a failure.

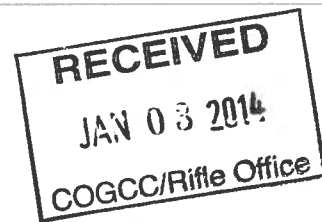
I've enclosed a Hints sheet that needs some editing but at least it covers the important topics.

Sincerely,

Bob Koehler

Engineering/ Environmental Technician

From: Jodi Keeler
Sent: Friday, December 06, 2013 3:53 PM
To: Bob Koehler (bob.koehler@state.co.us)
Cc: RickK
Subject: NOAVs for Routt County wells



Bob,

Pursuant to the requirements of NOAV's issued for State 1-15 (05-107-06033-00), State 1-16 (05-107-06127-00) and Breeze State 11-8 (05-107-06223-00) wells, Antelope Energy Company reports that MIT tests will be scheduled on each of the three wells. We are in the process of ordering packers. Subject to rig availability and weather conditions, we are on schedule to perform the MIT's on or before Jan. 7, 2014. As directed, we will notify the COGCC 10 days prior to the tests.

For your further information, well signs have been ordered and will be installed when our field people visit the well sites.

Please contact me if you require anything further at this time.

Jodi Keeler

Production/Marketing Manager

ANTELOPE ENERGY COMPANY, LLC

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Krabacher - DNR, Jay <jay.krabacher@state.co.us>

Fri, Jan 3, 2014 at 3:15 PM

To: Jodi Keeler <jodik@antelope-energy.com>

Cc: "Koehler, Bob" <Bob.Koehler@state.co.us>, Emily Waldron - DNR <emily.waldron@state.co.us>, "Andrews, David" <David.Andrews@state.co.us>, "Kellerby, Shaun" <Shaun.Kellerby@state.co.us>

Greetings, Jodi:

As we concluded on the phone just now, Antelope has COGCC concurrence to conduct the MIT by setting a packer in the 7" casing just above the top of the 4.5" liner. A MIT at a depth of 7860' (or deeper if possible) encompasses the majority of the depth of the 7" casing, and, besides, according to both our records the liner is not cemented so a test within it would probably be inconclusive.