

STATE OF
COLORADO

Andrews - DNR, David <david.andrews@state.co.us>

COGCC Document No. 2056062

Re: WPX Inspection 11/20/2014 AIRS ID 123-1820 WELL HEAD LEAK

1 message

Andrews - DNR, David <david.andrews@state.co.us>

Wed, Dec 3, 2014 at 1:09 PM

To: "Kellerby - DNR, Shaun" <shaun.kellerby@state.co.us>, Robert Leteff - CDPHE <robert.leteff@state.co.us>, jodell.mizoue@wpxenergy.com, "Andrews, Michael" <Michael.Andrews@wpxenergy.com>

Cc: Craig Burger - DNR <craig.burger@state.co.us>, Jay Krabacher <jay.krabacher@state.co.us>

Correction: My 11/26 email indicated "2014, Not reported." One of the data fields in WPX's annual submittal was filtered, so I did not see this well in the 2014 report. After removing the filter, I confirmed that the following data was submitted:

- 9/9/2014, Initial Bradenhead Pressure 53 psi, Blew down in 3 minutes, fluid type n/a, final pressure 47 psi, no action required

Rob: You asked about a follow-up field inspection. I understand that Shaun Kellerby inspected the location last week, but the field inspection report has not been posted in our system yet.

Thanks,

Dave

On Wed, Nov 26, 2014 at 8:35 AM, Andrews - DNR, David <david.andrews@state.co.us> wrote:
All,

Installation of the vent pipe was approved via Form 4, Sundry Notice #2577468 (copy attached). It is true that venting approvals are routine in the Bradenhead Test Area for bradenhead valves. However, the approval for this well was to keep pressure relieved on the conductor - surface casing annulus, not the bradenhead annulus. Venting of that nature (conductor - surface casing annulus) is not governed by the Bradenhead Test Area Notice to Operators (copy attached) and associated Commission Orders. Instead, it is handled on a well-by-well basis.

Annual bradenhead pressure reports indicate the following:

- 10/25/2011, Initial Bradenhead Pressure 10 psi, Blew Down in 0.1 min, gas, final pressure zero, no action required
- 10/29/2012, Initial Bradenhead Pressure zero, gas, final pressure zero, no action required
- 9/11/2013, Initial Bradenhead Pressure 30 psi, Blew down in 3 minutes, fluid type n/a, final pressure 27 psi, no action required
- 2014, Not reported

With regard to the 9/11/2013 data, the final pressure of 27 psi appears to be the pressure at the end of the 7-day build prior to blowdown, rather than the pressure after blowdown.

To confirm the data shown above, COGCC staff will inspect the location to confirm that the conductor annulus, not the bradenhead annulus is venting through the riser. There is no approval in COGCC's well file for bradenhead venting on this well.

The original Sundry Notice request did not specify an expected duration for the venting. Typically, a specific duration or "indefinite" is requested for vent approvals. COGCC's COA referenced a "90-day venting period," but the COA that was used came from standard template language. For continued COGCC approval of this venting, a new Sundry Notice is required with a specified duration. The narrative History section presented in the original Sundry Notice should also be updated on the new Sundry Notice.

Dave



COLORADO
Oil & Gas Conservation
Commission
Department of Natural Resources

On Tue, Nov 25, 2014 at 4:15 PM, Kellerby - DNR, Shaun <shaun.kellerby@state.co.us> wrote:

To: shaun.kellerby@state.co.us



COLORADO
Air Pollution Control Division
Department of Public Health & Environment

<https://mail.google.com/mail/u/0/?ui=2&ik=c4d277a0e4&view=pt&q=robert.leteff%40state.co.us&qs=true&search=query&th=149e93cef81de4fd&siml=14a11c5...> 2/6

robert.leteff@state.co.us | www.colorado.gov/cdphe/apcd

NOTE: As of January 1, 2014, the Colorado Air Pollution Control Division no longer accepts blank or incomplete APENs. Additional fees may apply if an APEN is submitted without the necessary information. An application with missing information may result in longer processing times. Please note that all APEN submissions should be completed using forms currently supplied by the Division (See Reg. 3, Part A, Section II.A). Current APEN forms can be found at: <https://www.colorado.gov/cdphe/APENforms>

----- Forwarded message -----

From: **Mizoue, JoDell** <JoDell.Mizoue@wpxenergy.com>

Date: Fri. Nov 21. 2014 at 10:27 AM

Subject: RE: WPX Inspection 11/20/2014 AIRS ID 123-1820 WELL HEAD LEAK

To: "Leteff - CDPHE, Robert" <robert.leteff@state.co.us>

Cc: "Danforth, Brandon" <Brandon.Danforth@wpxenergy.com>

Hi Rob:

The “leak” on the open ended line you observed on the KP 523-18 wellhead is not a leak. This is the line that is venting gas to ensure that there is not excess pressure built up on the bradenhead. For this well, the valve was opened to ensure the pressure remains below 150 psi. COGCC requires that the pressures remain below 150 psi in the Kokopelli area and allows these lines to be opened to release the pressure. COGCC does not want the pressure in the surface casing to exceed 0.683 psi/ft to protect the integrity of the cement shoe. If the surface casing cement is compromised groundwater could contact the gas. Given the nature of bradenhead gas, it is not typically captured and controlled.

If you have any questions, please do not hesitate to contact me.

Thanks.

JoDell Mizoue



JoDell.Mizoue@wpxenergy.com

(303) 606-4056 (office)

(303) 524-0516 (cell)

From: Leteff - CDPHE, Robert [mailto:robert.leteff@state.co.us]

Sent: Thursday, November 20, 2014 11:33 AM

To: Mizoue, JoDell

Cc: Danforth, Brandon

Subject: WPX Inspection 11/20/2014 AIRS ID 123-1820 WELL HEAD LEAK

Oil & Gas Team



Department of Public Health & Environment

robert.leteff@state.co.us | www.colorado.gov/cdphe/apcd

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Shaun Kellerby

North West Field Inspection Supervisor

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2 attachments**2577468.pdf**
171K**Garfield_Mesa_BHTA_NTO_2010-07-08.pdf**
143K