

State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**David R. Catanach, Division Director**  
Oil Conservation Division



December 29, 2016

ConocoPhillips Company  
Attn: Lori Notor  
3401 E. 30<sup>th</sup> Street  
Farmington, NM 87402

**Re:** Bradenhead Test Failure

**Well:** Shepherd & Kelsey #1E, UL D, Sec 29, Tw 29N, Rge 11W, API # 30-045-24316

Dear Ms. Notor:

The 2016 Bradenhead test on the above well indicates a failure. To comply with Rule 19.15.16.11, prevent waste and protect fresh water, you are hereby directed to initiate remedial activity before **February 26, 2017**. Initial Surface Casing psi was 111. Initial Production Casing psi was 187. Surface valve was opened to atmosphere on Thursday, December 8<sup>th</sup>, (within one week prior to test). Water was not detected. There was no direct communication. The 2014 bradenhead test showed 3 lbs on bradenhead with a quart of water. The water analysis from bradenhead submitted in July 2014, shows TDS 17300 and Chlorides 10200. The site is also having issues with water surfacing at cathodic well. This well sets around one quarter mile from the San Juan River.

Please submit gas analysis from all strings. Also, submit water analysis from water surfacing at cathodic well, production water, and bradenhead (if water appears on bradenhead).

**Reference: RBDMS MPK1634933999** on future correspondence for this issue. Notify the Aztec OCD 24 hours before work is initiated.

If you have any questions, please call me at 505-334-6178, ext. 116.

Sincerely yours,

Brandon Powell  
I & E Compliance Supervisor  
District III

cc: Well File