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June 8, 2016

COGCC  
1120 Lincoln Street, Suite 801  
Denver, CO 80203

Re: Operator Request Letter to Rule 317.s  
Marcus LD 11-368HN  
Section 34, Township 1 North, Range 67 West, 6<sup>th</sup> P.M.  
Weld County, Colorado

Dear Director:

Great Western Operating Company is applying for a drilling permit for the above captioned well. As currently planned, the wellbore(s) of the following well(s) will lie within 150 feet of the horizontal lateral of the captioned well: **Guthrie Abner 31-2 API# 05-001-09541; Guthrie 21-2 API# 05-001-09463**

Prior to drilling operations, the Operator will perform an anti-collision review of existing offset wells that have the potential of being within close proximity of the proposed well. This anti-collision review may include MWD or gyro surveys and surface locations of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed well path with its respective error of uncertainty. If current surveys do not exist for the offset wells, Operator may have gyro surveys conducted to verify BHL. The proposed well will only be drilled if the anti-collision review results indicate that the risk of collision is sufficiently low as defined by the anti-collision plan, with separation factors greater than 1.5, or if the risk of collision has been mitigated through other means including shutting in wells, plugging wells, increased drilling fluid in the event of lost returns or as is appropriate for the specific situation. In the event of an increased risk of collision, that risk will be mitigated to prevent harm to people, the environment or property. For the proposed well, upon conclusion of drilling operations, an as-constructed directional survey will be submitted to COGCC with the Form 5.

Rule 317.s of the Colorado Oil and Gas Commission's Rules and Regulations does not allow any portion of a proposed wellbore's treated interval to be located within 150 feet of an existing (producing, shut-in, or temporarily abandoned) or permitted oil and gas wellbore's treated interval belonging to another operator without the signed written consent of the operator of the encroached upon wellbore. Great Western Operating Company respectfully requests the Director to accept this Operator Request Letter to allow the above referenced well to be drilled within 150' of the well(s) listed above.

Sincerely,

*Allison Linz*

Allison Linz  
Regulatory Technician  
Great Western Operating Company, LLC

1801 Broadway  
Suite 500  
Denver, Colorado 80202



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May 25, 2016

PDC Energy  
1775 Sherman Street - Suite 3000  
Denver, CO 80203

Re: Marcus LD 11-368HN  
Section 34, Township 1 North, Range 67 West, 6<sup>th</sup> P.M.  
Weld County, Colorado

Dear Sir/Madam:

Great Western Operating Company is applying for a permit to drill the captioned horizontal well. Pursuant to Rule 317.s, the COGCC requires that operators proposing horizontal wells obtain waivers from operators of wells within 150 feet of the proposed horizontal wellbore.

As currently planned, the wellbores of the following well(s) which are operated by PDC Energy lie within 150 feet from the horizontal lateral of the captioned well:

Guthrie Abner 31-2 API#05-001-09541; Guthrie 21-2 API# 05-001-09463

<sup>79'</sup> If PDC Energy is in agreement to waive the Rule 317.s, please sign in the space provided below and return one original copy to the undersigned. <sup>85'</sup>

Respectfully,

*Allison Linz*

Allison Linz  
Regulatory Technician  
Great Western Operating Company, LLC

As operator of the above referenced well(s) lying within 150 feet of the wellbore of the above captioned well, PDC Energy hereby waives the one hundred and fifty foot (150,) minimum intra-well distance as specified in COGCC Rule 318A.n.

Accepted and agreed to this 7 day of JUNE 2016

PDC Energy

By: Erik RL

Title: LEAD ENGINEER