



**Corporate Office**

1775 Sherman Street, #3000  
Denver, Colorado 80203  
303.860.5800  
www.pdce.com

February 11, 2016

Kerr McGee Oil and Gas Onshore LP  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, CO 80202

Re: **Stimulation Setback Consent, Rule 317.s.**  
Niles Miller 20T-221  
SESE Section 20, T3N-R66W  
Weld County, Colorado

To Whom It May Concern,

PDC Energy, Inc. ("PDC") hereby requests a GWA Minimum Interwell Distance waiver from Kerr McGee Oil and Gas Onshore LP, the offset operator of the following well that is estimated to be closer than 150' to the subject well.

**Soco 20-8K (05-123-15701) located in the SENE Section 20, T3N-R66W (approximately 127')**

Pursuant to the following Colorado Oil and Gas Conservation Commission ("COGCC") Rule 317.s.

***Statewide Fracture Stimulation Setback:*** No portion of a proposed wellbore's treated interval shall 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 and written consent of the operator of the encroached upon wellbore. The signed written consent shall be attached to the Application for Permit-to-Drill, Form 2 for the proposed wellbore.

***The following BMP will be applied to the permit:*** Prior to drilling operations, Operator will perform an anti-collision scan of existing offset wells that have the potential of being within close proximity of the proposed well. This anti-collision scan will include definitive MWD or gyro surveys of the offset wells with included error of uncertainty per survey instrument, and compared against the proposed wellpath with its respective error of uncertainty. If current surveys do not exist for the offset wells, Operator may have gyro surveys conducted to verify bottomhole location. The proposed well will only be drilled if the anti-collision scan results indicate that there is not a risk for collision, or harm to people or the environment. For the proposed well, upon conclusion of drilling operations, an as-constructed gyro survey will be submitted to COGCC with the Form 5.



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Sincerely,

A handwritten signature in blue ink, appearing to read "Nick Lebsock".

Nick Lebsock  
Landman I  
PDC Energy, Inc.

As the offset operator or a designated representative thereof, I understand that the subject well will be potentially drilled within 150' of the offset well listed above. I hereby give my consent for PDC to drill the subject well.

**OPERATOR: KERR MCGEE OIL AND GAS ONSHORE LP**

DocuSigned by:  
A handwritten signature in blue ink, appearing to read "Matt Agee".  
553ABB25ABA742D

**Signature**

2/17/2016

**Date**

Matt Agee                      Reservoir Engineer  
**Name, Title**