



---

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

December 9, 2015

Encana Oil and Gas (USA), Inc.  
370 17<sup>th</sup> Street, Suite 1700  
Denver, CO 80202

Re: **Stimulation Setback Consent, Rule 317.s.**  
Niles Miller 20T-321  
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 Encana Oil and Gas, the offset operator of the following well that is estimated to be closer than 150' to the subject well.

**Miller 43-20 (05-123-19672) located in the NESE Section 20, T3N-R66W (approximately 33')**

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.



---

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

Sincerely,

A handwritten signature in blue ink, appearing to read "N. 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: ENCANA OIL AND GAS (USA), INC.**

A handwritten signature in blue ink, appearing to read "Megan H. Molholm".

**Signature**

Megan H. Molholm  
Production Engineer

**Name, Title**

Dec 10, 2015

**Date**

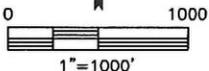
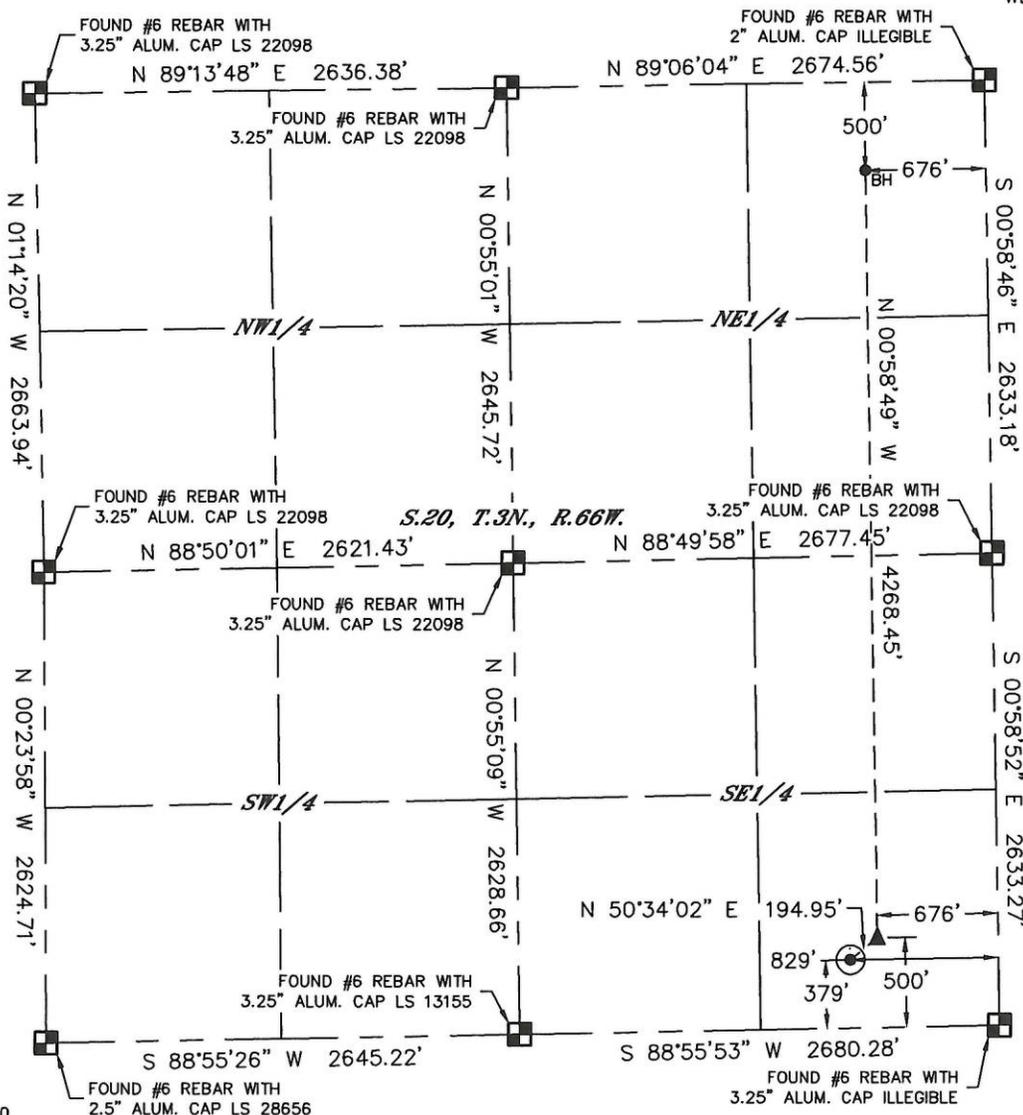


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

NILES MILLER 20T-321

SECTION: 20  
TOWNSHIP: 3N  
RANGE: 66W  
6TH. P.M.  
WELD COUNTY, CO



**LEGEND**

- = ALIQUOT MONUMENT AS DESCRIBED
- = CALCULATED POSITION
- ⊙ = SURFACE HOLE LOCATION (SHL)
- ▲ = ENTRY POINT LOCATION (EP)
- <sub>BH</sub> = BOTTOM HOLE LOCATION (BHL)
- ⊙<sub>X</sub> = EXISTING WELL
- ⊙<sub>A</sub> = ABANDONED WELL

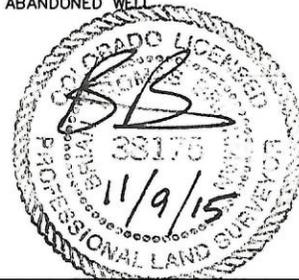
CLIENT: PDC ENERGY				LANDMAN: PATRICK FINLEY			
INSTRUMENT OPERATOR: CHASE MILLER				SURVEY DATE: 9/9/2015		SURFACE USE: CROPLAND	
SHL FOOTAGE	SHL LAT°	SHL LONG°	SHL PDOP	SHL ELEV	SHL 1/4/1/4	SHL S-T-R	
379   FSL   829   FEL	40.20416	-104.79457	1.9	4957	SESE	20-3-66	

BHL FOOTAGE	BHL LAT°	BHL LONG°	BHL S-T-R	EP LAT°	EP LONG°	EP S-T-R
500   FNL   676   FEL	40.21621	-104.79417	20-3-66	40.20449	-104.79403	20-3-66

**NOTE:**

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983. The lineal dimensions as contained herein are based upon the "U.S. Survey Foot."
- 2) Distances to section lines measured at 90 degrees from said section lines.
- 3) Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
- 4) Latitude and Longitude shown are (NAD 83 DATUM).
- 5) IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of oil and gas location.
- 6) This map does not represent a boundary survey.

NEAREST CULTURAL ITEMS	
BUILDING	±572' SW
BUILDING UNIT	±602' SW
HIGH OCCUPANCY BUILDING UNIT	5280' +
DESIGNATED OUTSIDE ACTIVITY AREA	5280' +
PUBLIC ROAD (COUNTY ROAD 30)	±370' S
ABOVE GROUND UTILITY	±346' S
RAILROAD	5280' +
PROPERTY LINE	±379' S



Brian T. Brinkman—On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38175  
DATE: 11/09/2015  
PROJECT#: 2015104