



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 17th Street, Suite 1700
Denver, CO 80202

Re: **Stimulation Setback Consent, Rule 317.s.**
Niles Miller 20Y-241
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 44-20 (05-123-19948) located in the SESE Section 20, T3N-R66W (approximately 129')

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: ENCANA OIL AND GAS (USA), INC.

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

Signature

A handwritten date in blue ink, appearing to read "Dec 10, 2015".

Date

Megan H Molholm
Production Engineer

Name, Title

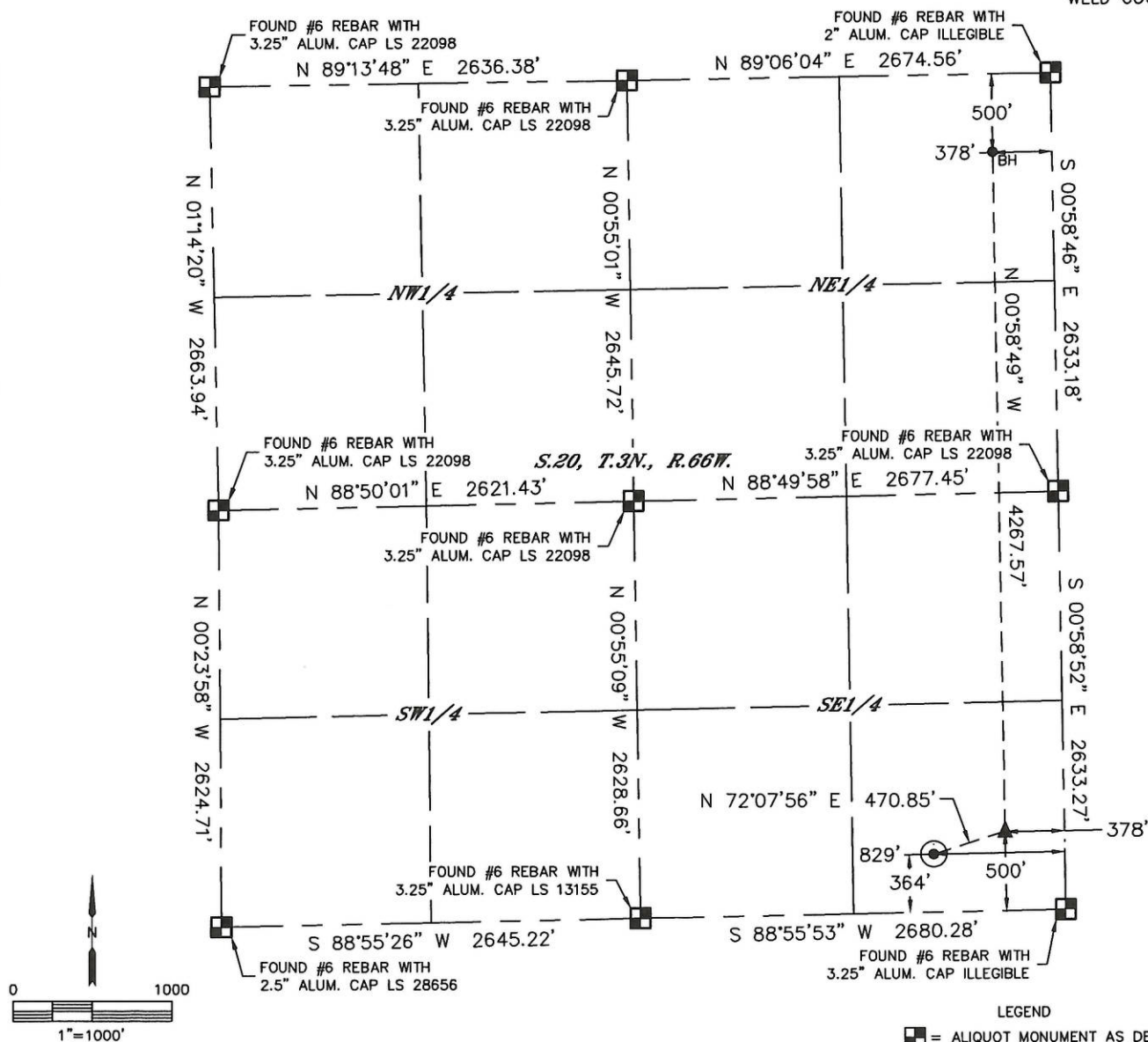


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

NILES MILLER 20Y-241

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



CLIENT: PDC ENERGY				LANDMAN: PATRICK FINLEY			
INSTRUMENT OPERATOR: CHASE MILLER				SURVEY DATE: 9/9/2015			
SHL FOOTAGE				SURFACE USE: CROPLAND			
364	FSL	829	FEL	40.20412	-104.79457	1.6	4956
				SHL 1/4/1/4			
				SESE			
				20-3-66			

BHL FOOTAGE	BHL LAT°	BHL LONG°	BHL S-T-R	EP LAT°	EP LONG°	EP S-T-R
500	FNL	378	FEL	40.21621	-104.79310	20-3-66

NEAREST CULTURAL ITEMS	
BUILDING	±569' SW
BUILDING UNIT	±600' SW
HIGH OCCUPANCY BUILDING UNIT	5280' +
DESIGNATED OUTSIDE ACTIVITY AREA	5280' +
PUBLIC ROAD (COUNTY ROAD 30)	±355' S
ABOVE GROUND UTILITY	±331' S
RAILROAD	5280' +
PROPERTY LINE	±364' S

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.

- LEGEND
- = ALIQUOT MONUMENT AS DESCRIBED
 - = CALCULATED POSITION
 - = SURFACE HOLE LOCATION (SHL)
 - ▲ = ENTRY POINT LOCATION (EP)
 - _{BH} = BOTTOM HOLE LOCATION (BHL)
 - ⊙ = EXISTING WELL
 - ⊙ = ABANDONED WELL



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



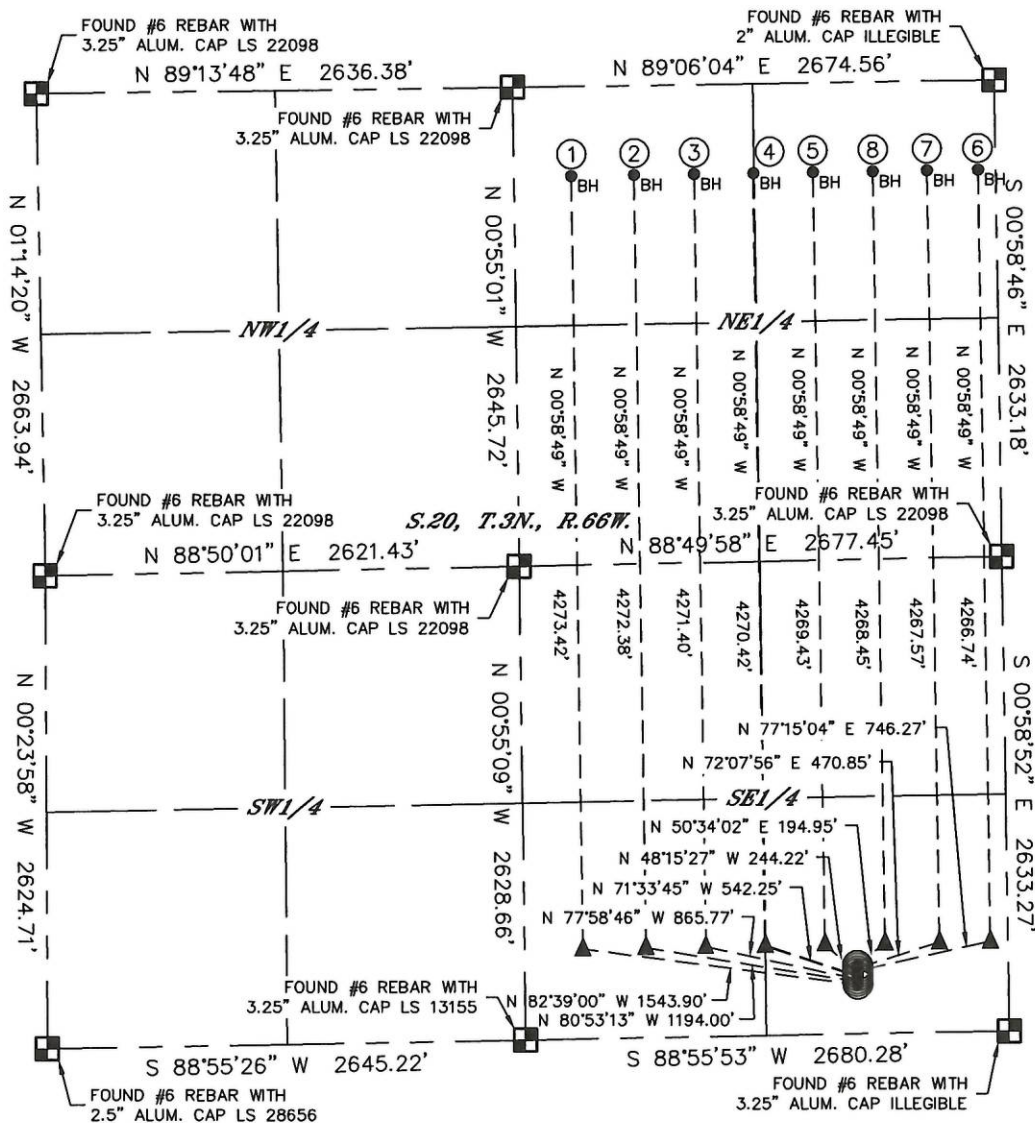
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MULTI-WELL PLAN

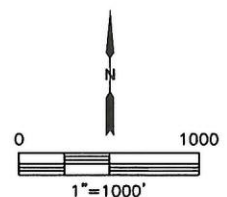
NILES MILLER 3N66W20Y PAD

THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY

SECTION: 20
TOWNSHIP: 3N
RANGE: 66W
6TH. P.M.
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#	WELL NAME	BHL FOOTAGE				BHL LAT °	BHL LONG °	BHL S-T-R
1	NILES MILLER 20Q-221	500	FNL	2356	FEL	40.21617	-104.80018	20-3-66
2	NILES MILLER 20Q-321	500	FNL	2004	FEL	40.21618	-104.79892	20-3-66
3	NILES MILLER 20T-241	500	FNL	1672	FEL	40.21619	-104.79773	20-3-66
4	NILES MILLER 20T-301	500	FNL	1340	FEL	40.21619	-104.79654	20-3-66
5	NILES MILLER 20T-221	500	FNL	1008	FEL	40.21620	-104.79535	20-3-66
6	NILES MILLER 20Y-401	500	FNL	98	FEL	40.21622	-104.79210	20-3-66
7	NILES MILLER 20Y-241	500	FNL	378	FEL	40.21621	-104.79310	20-3-66
8	NILES MILLER 20T-321	500	FNL	676	FEL	40.21621	-104.79417	20-3-66





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MULTI-WELL PLAN

NILES MILLER 3N66W20Y PAD

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

