

2/15/2018

Sent via Shamrock Delivery Inc.

PDC Energy, Inc.  
Attn: Megan Trask Lowe  
1775 Sherman Street, Suite 3000  
Denver, CO 80203

RE:    Statewide Fracture Stimulation Setback Waiver – COGCC Rule 317(s)  
      SLW Ranch State BB06-662 Horizontal Well  
      Township 5 North, Range 63 West, 6<sup>th</sup> P.M.  
      5N-64W-1: SENE; 5N-63W-5: SWNW; 6: S2N2  
      Weld County, Colorado

Dear Megan:

Noble Energy Inc. ("Noble") plans to drill the SLW Ranch State BB06-662 Horizontal Well (the "Well"), with a wellbore lateral as depicted on the enclosed plat.

Our records indicate that PDC Energy, Inc. operates the following well(s) which are located within 150' from our proposed horizontal wellbore lateral:

**Skurich & Rothe 12-6 (05-123-12790) – located 100 feet from the proposed subject well**  
**Skurich & Rothe 32-6 (05-123-13364) – located 107 feet from the proposed subject well**  
**Skurich & Rothe 42-6 (05-123-19362) – located 131 feet from the proposed subject well**

Colorado Oil and Gas Conservation Commission ("COGCC") Rule 317(s) provides that no portion of a proposed wellbore's treated interval shall be located less than one hundred fifty (150') feet from any existing or permitted oil or gas wellbore, but this requirement may be waived in writing by the operator of the encroached upon well.

Noble respectfully requests that PDC Energy, Inc. waive this requirement and allow Noble to drill the Well as proposed. Accordingly, by executing this letter, PDC Energy, Inc. waives COGCC Rule 317(s) and grants its consent to allow Noble to drill the Well within the 150' minimum intra-well distance provided for in said rule. If you have any questions or need any additional information, please call me at (303) 228-4261.


Very truly yours,  
**NOBLE ENERGY, INC.**



Pete McElwain  
Staff Landman

Enclosures

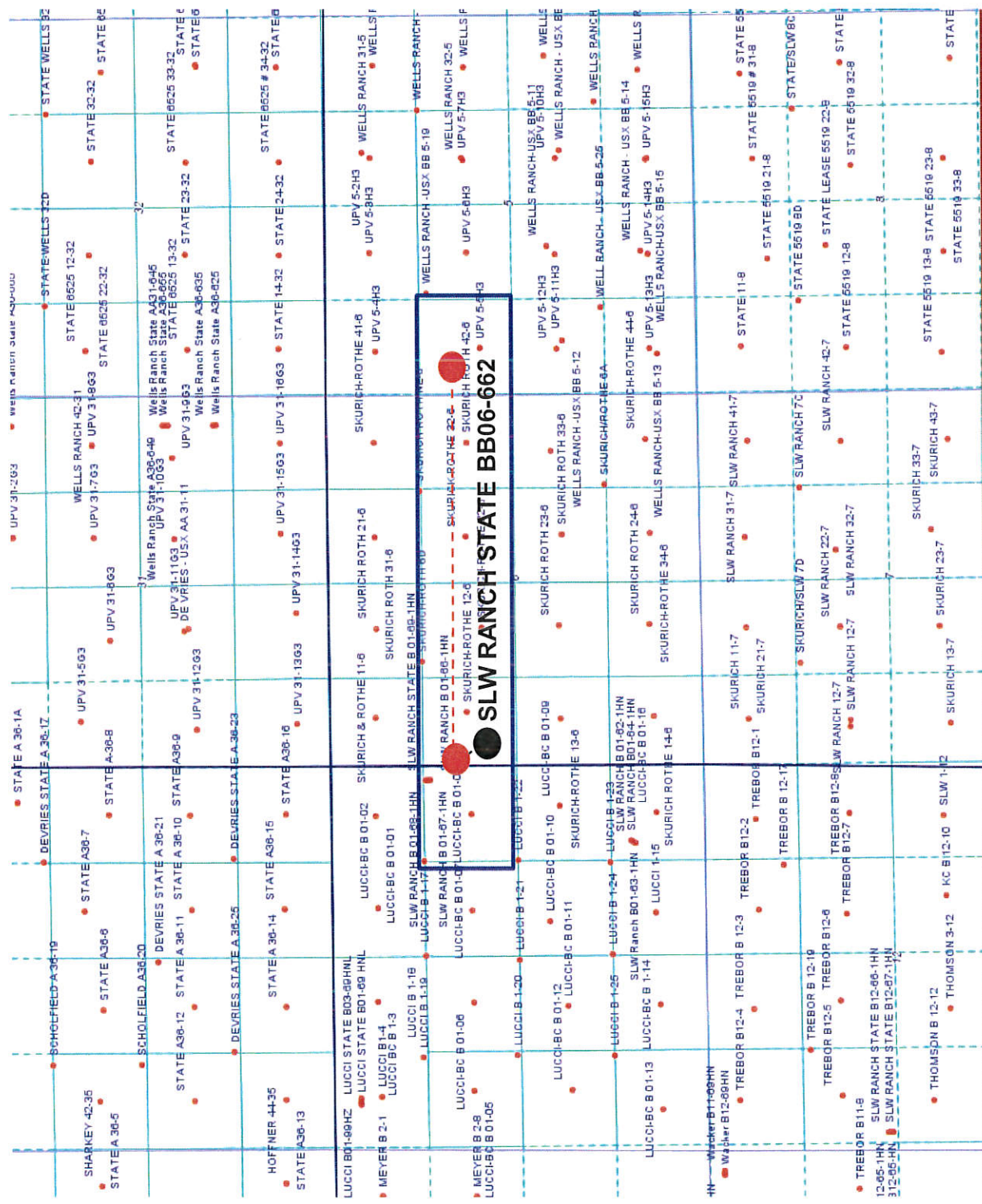
PDC Energy, Inc.

By:	
Printed Name:	<u>ERIK ROACH</u>
Title:	<u>PdP MANAGER</u>
Date:	<u>3/8/18</u>

# SLW Ranch State BB06-662

Proposed Spacing Unit – Noble Energy, Inc

SE/4NE/4 Section 1, Township 5 North, Range 64 West  
SW/4NW/4 Section 5, Township 5 North, Range 63 West  
S/2N/2 Section 6, Township 5 North, Range 63 West



Proposed 237.58± acre spacing unit

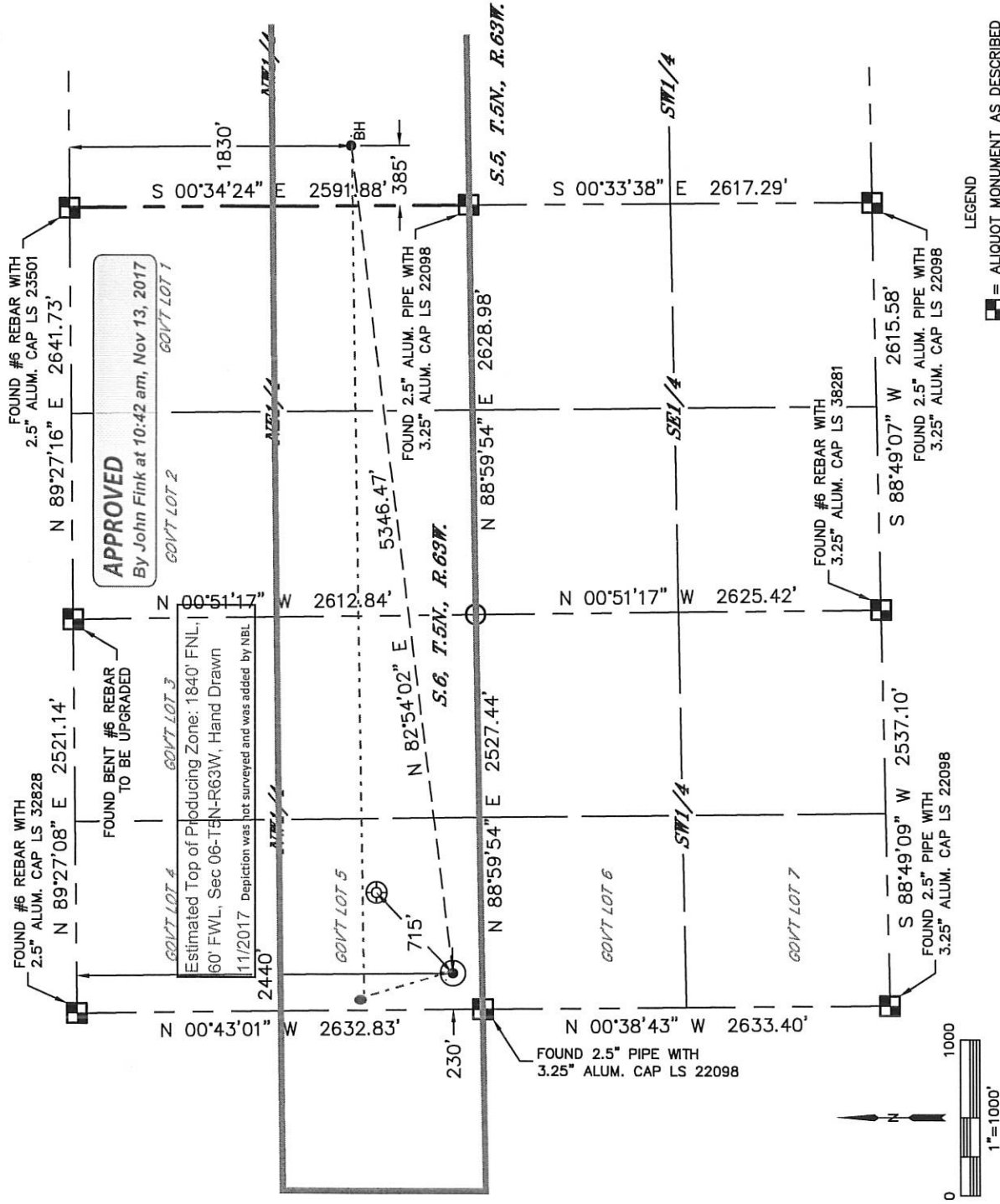
Bottom Hole Location

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








# WELL LOCATION CERTIFICATE

SLW RANCH STATE BB06-662

SECTION: 6  
TOWNSHIP: 5N  
RANGE: 63W  
6TH. P.M.  
WELD COUNTY, CO



## LEGEND

-  = ALIQUOT MONUMENT AS DESCRIBED  
 = CALCULATED POSITION  
 = SURFACE HOLE LOCATION (SHL)  
 = ENTRY POINT LOCATION (EP)  
 = BOTTOM HOLE LOCATION (BHL)  
 = EXISTING WELL  
 = ABANDONED WELL

CLIENT: NOBLE ENERGY, INC.				LANDMAN: CORY NEIGHBORS			
INSTRUMENT OPERATOR: JAKE STILLE				SURVEY DATE: 4/20/2017		SURFACE USE: RANGELAND	
SHL FOOTAGE		SHL LAT°	SHL LONG°	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R
2440	FNL 230	FWL 40.42905	-104.48791	1.7	4609	SWNW	6-5-63

BHL FOOTAGE		BHL LAT°	BHL LONG°	BHL S-T-R
1830	FNL 385 FWL	40.43070	-104.46883	5-5-63

**NOTE:**

- 1) Bearings shown are Grid Bearings of the Colorado State Plane Coordinate System, North Zone, North American Datum 1983. The lined 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 EXISTING WELL IN SHL 1/4/1/4	
EXISTING SKURICH-ROTHE 12-6	±715' NE
NEAREST CULTURAL ITEMS	
BUILDING	±2849' NW
BUILDING UNIT	±3201' N
HIGH OCCUPANCY BUILDING UNIT	5280' +
DESIGNATED OUTSIDE ACTIVITY AREA	5280' +
PUBLIC ROAD (COUNTY ROAD 62/61)	±2435' N
ABOVE GROUND UTILITY	±229' W
RAILROAD	5280' +
PROPERTY LINE	±230' W



**SHEET 1 OF 2**

Jason S. Allee—On behalf of Lat49, Inc.  
Colorado Licensed Professional DATE: 8/24/2017  
Land Surveyor No. 38479 PROJECT#: 2017024



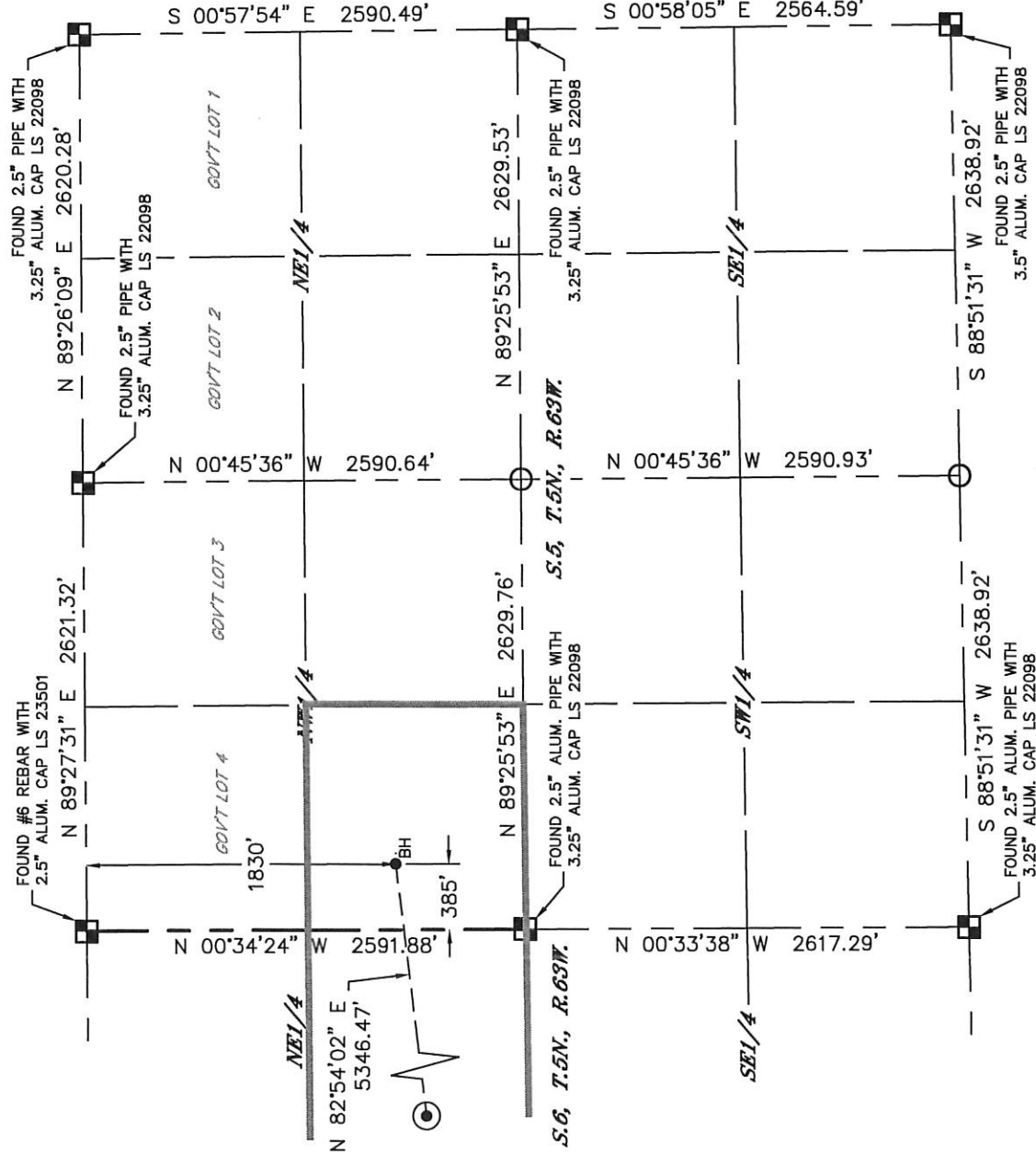


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

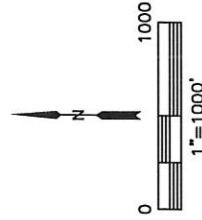
SLW RANCH STATE BB06-662

SECTION: 6  
TOWNSHIP: 5N  
RANGE: 63W  
6TH, P.M.  
WELD COUNTY, CO



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- <sub>BH</sub> = BOTTOM HOLE LOCATION (BHL)
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SHEET 2 OF 2

Jason S. Allee-On behalf of Lat40°, Inc.  
Colorado Licensed Professional Land Surveyor No. 38479  
DATE: 8/24/2017  
PROJECT#: 2017024