

2/15/2018

Hand Delivered

PDC Energy, Inc.  
Attn: Rachel Lenox  
1775 Sherman Street, Suite 3000  
Denver, CO 80203

RE: **Statewide Fracture Stimulation Setback Waiver – COGCC Rule 317(s)**  
**SLW Ranch State BB07-660 Horizontal Well**  
**Township 5 North, Range 63 West, 6<sup>th</sup> P.M.**  
**5N-63W-7: S2N2; 8: S2N2; 9: SWNW; 5N-64W-12: SENE**  
**Weld County, Colorado**

Dear Megan:

Noble Energy Inc. ("Noble") plans to drill the **SLW Ranch State BB07-660 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:

**SLW Ranch 32-7 (05-123-14865) – located 37 feet from the proposed subject well**  
**SLW Ranch 22-7 (05-123-14866) – located 89 feet from the proposed subject well**  
**STATE LEASE 5519 22-8 (05-123-19233) – located 68 feet from the proposed subject well**  
**SLW Ranch 42-7 (05-123-19433) – located 117 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.**

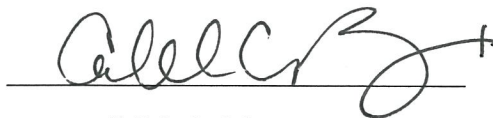


Pete McElwain  
Staff Landman

Enclosures

**PDC Energy, Inc.**

By:



Printed Name:

**Caleb A. Ring**  
**Non-OP Engineer**

Title:

Date:

03/21/2018

Bottom Hole Location

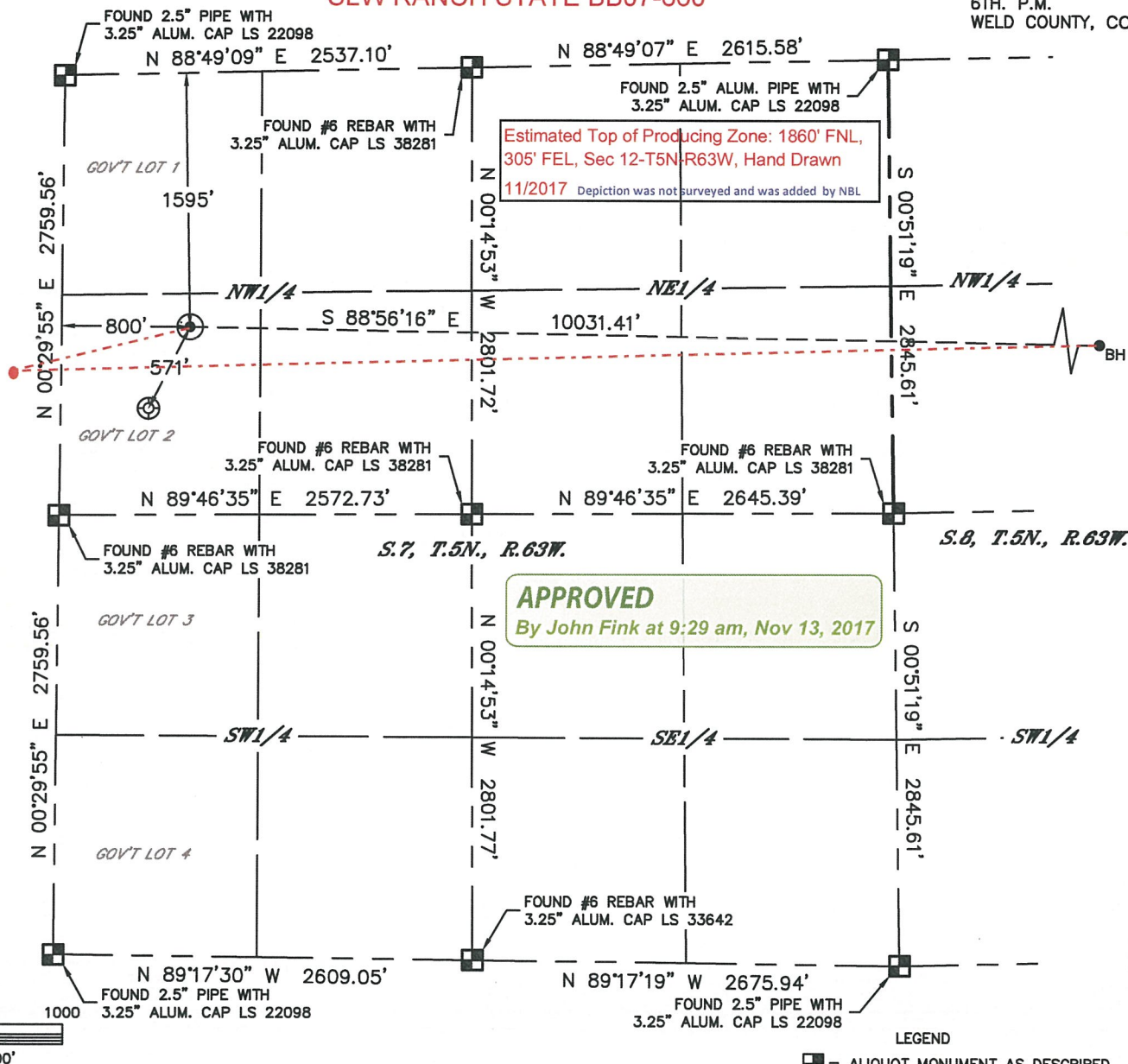


Lat40, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

SLW RANCH STATE BB07-660

SECTION: 7  
TOWNSHIP: 5N  
RANGE: 63W  
6TH. P.M.  
WELD COUNTY, CO



| CLIENT: NOBLE ENERGY, INC.         |          |            |          | LANDMAN: CORY NEIGHBORS |             |                        |  |
|------------------------------------|----------|------------|----------|-------------------------|-------------|------------------------|--|
| INSTRUMENT OPERATOR: SCOTT SHERARD |          |            |          | SURVEY DATE: 3/27/2017  |             | SURFACE USE: RANGELAND |  |
| SHL FOOTAGE                        | SHL LAT° | SHL LONG°  | SHL PDOP | SHL ELEV (FT.)          | SHL 1/4/1/4 | SHL S-T-R              |  |
| 1595 FNL 800 FWL                   | 40.41694 | -104.48598 | 2.4      | 4631                    | SWNW        | 7-5-63                 |  |

| BHL FOOTAGE      | BHL LAT° | BHL LONG°  | BHL S-T-R |
|------------------|----------|------------|-----------|
| 1970 FNL 385 FWL | 40.41611 | -104.44998 | 9-5-63    |

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)
  - <sub>BH</sub> = BOTTOM HOLE LOCATION (BHL)
  - ⊙ = EXISTING WELL
  - ⊙ = ABANDONED WELL



SHEET 1 OF 3

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

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

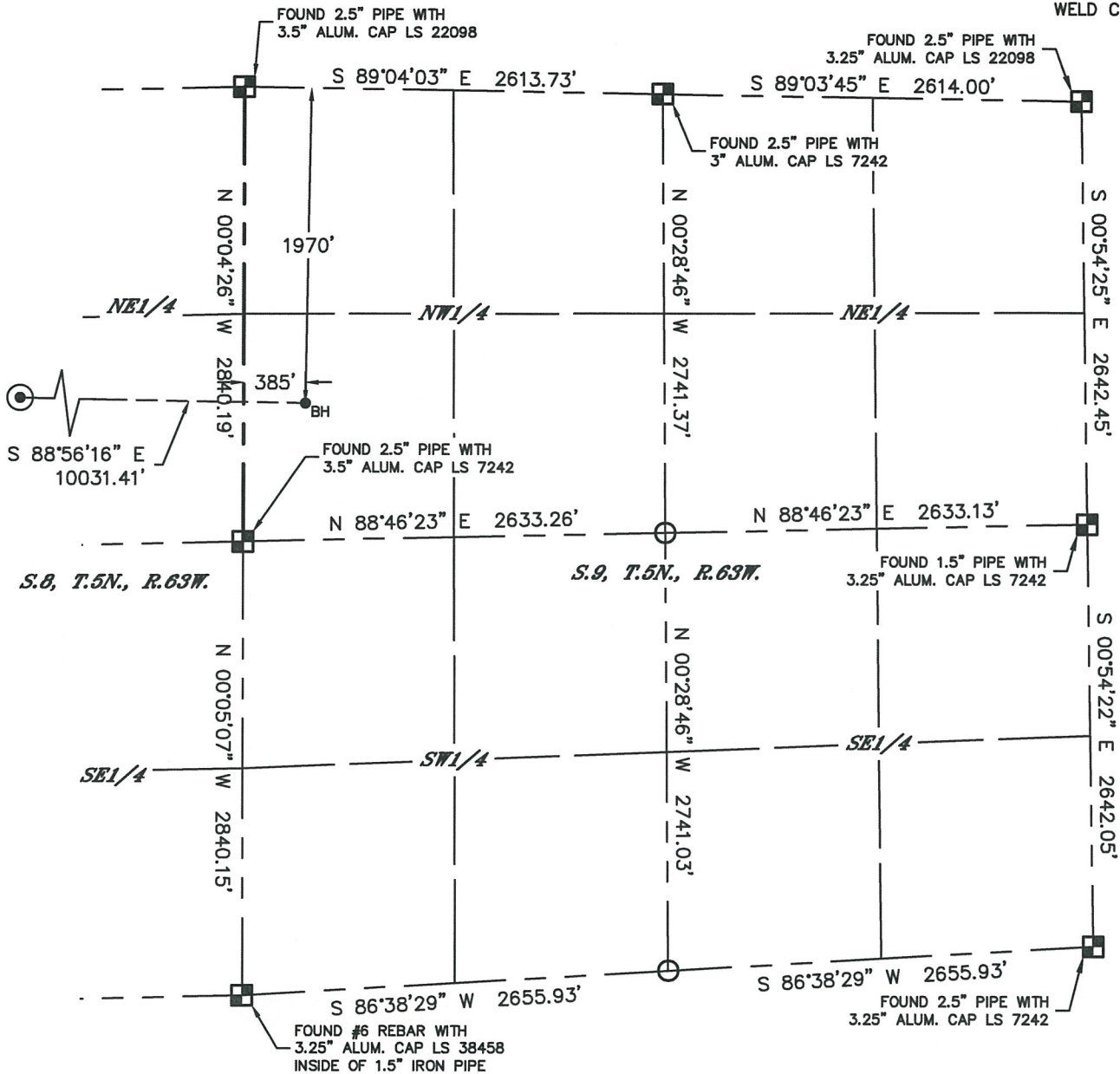


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

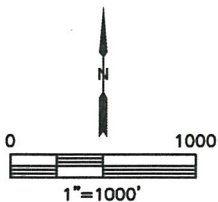
SLW RANCH STATE BB07-660

SECTION: 7  
TOWNSHIP: 5N  
RANGE: 63W  
6TH. P.M.  
WELD COUNTY, CO



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SHEET 3 OF 3

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