

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 BB06-642 Horizontal Well
 Township 5 North, Range 63 West, 6th P.M.
 5N-64W-1: NESE; 5N-63W-5: NWSW; 6: N2S2
 Weld County, Colorado

Dear Megan:

Noble Energy Inc. ("Noble") plans to drill the **SLW Ranch State BB06-642** 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 43-6 (05-123-13146) – located 28 feet from the proposed subject well
Skurich - Rothe 13-6 (05-123-13840) – located 117 feet from the proposed subject well
Skurich - Rothe 23-6 (05-123-18996) – located 104 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

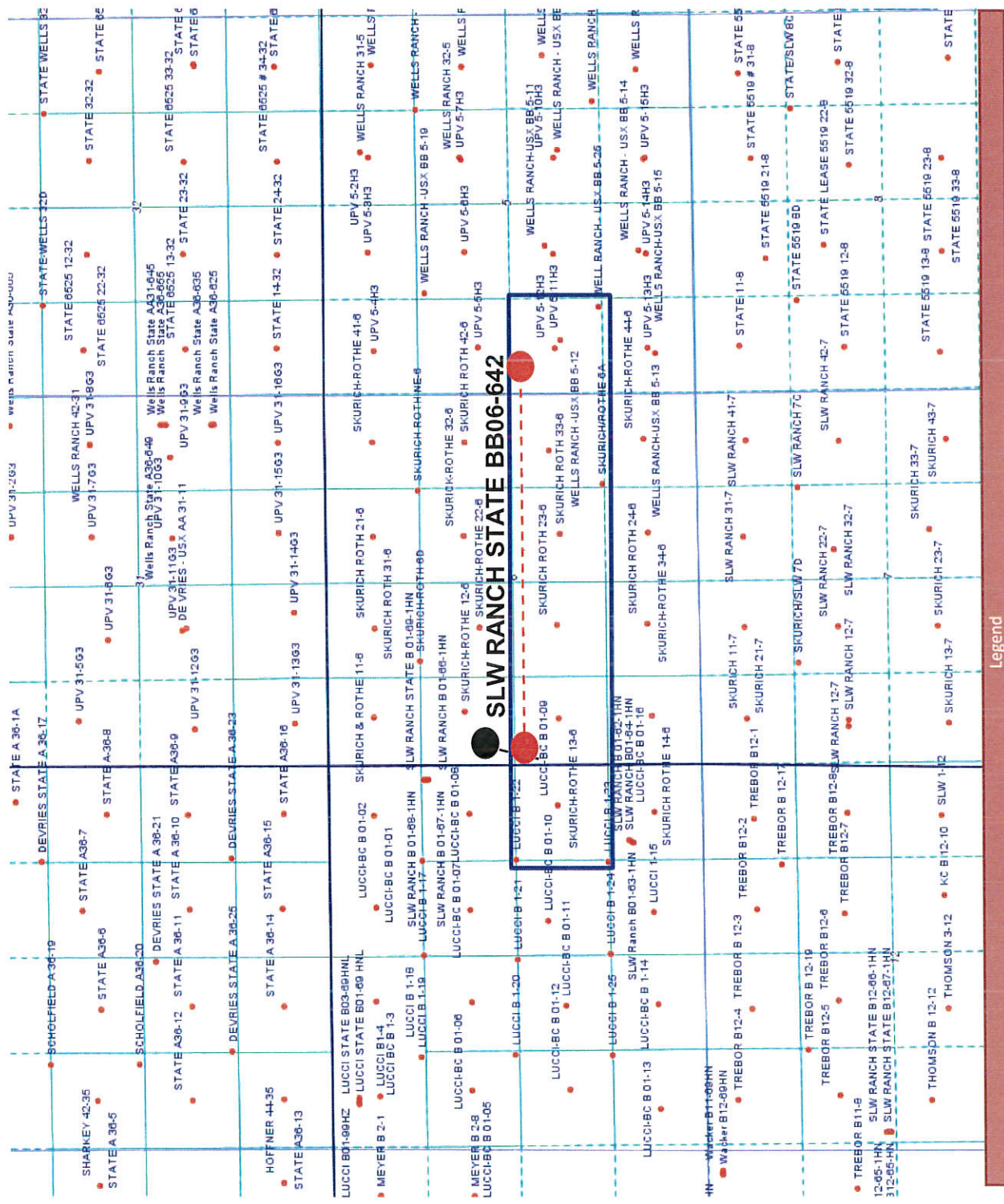
PDC Energy, Inc.

By: 
Printed Name: ERIK ROACH
Title: PRO MANAGER
Date: 3/8/18

SLW Ranch State BB06-642

Proposed Spacing Unit – Noble Energy, Inc

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



Proposed 237.58± acre spacing unit

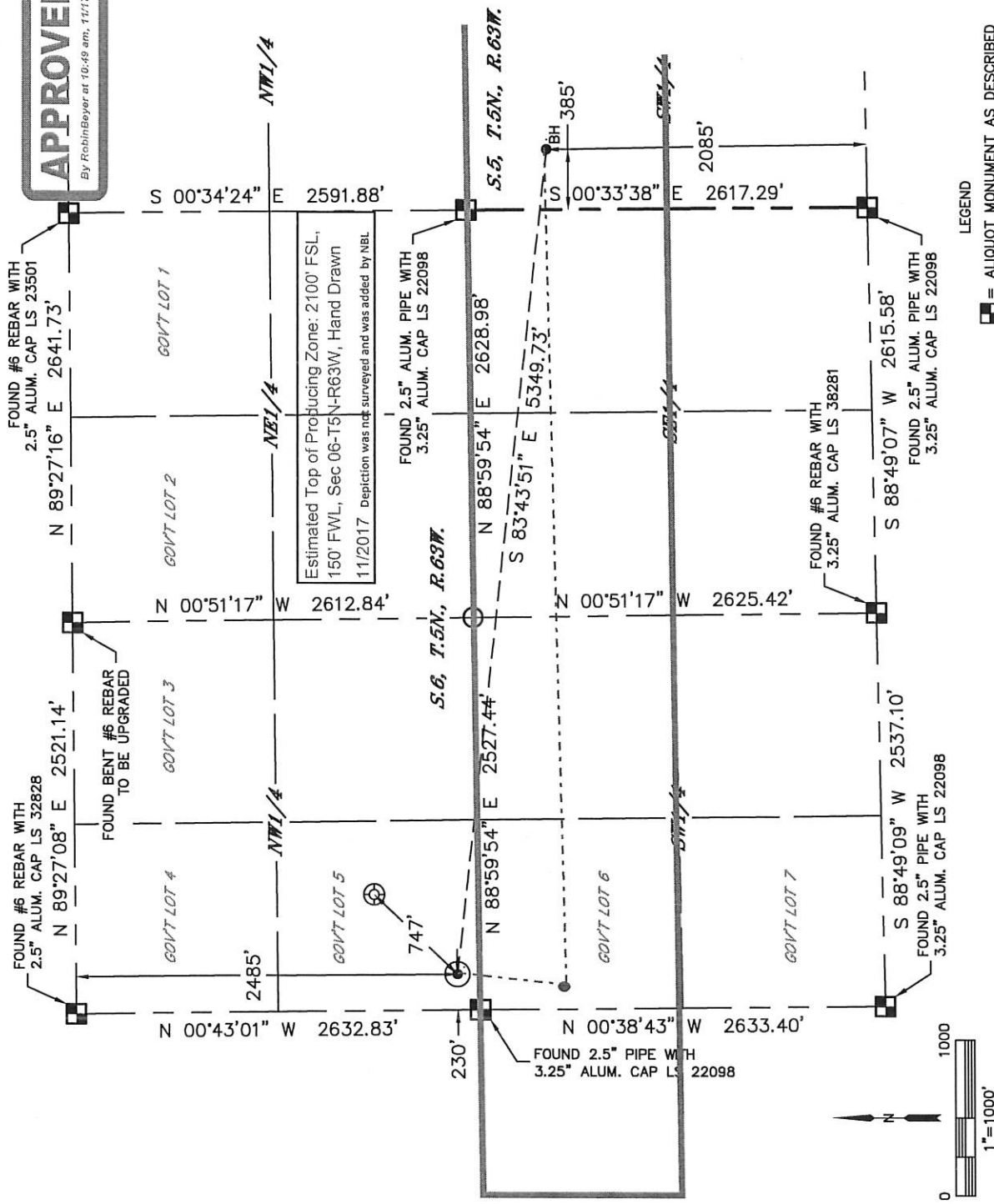
Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

SLW RANCH STATE BB06-642

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

APPROVED



LEGEND

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



SHEET 1 OF 2

Jason S. Allee—On behalf of Lot 48, Inc.
Colorado Licensed Professional
Land Surveyor No. 38479
DATE: 8/24/2017
PROJECT#: 2017024

CLIENT: NOBLE ENERGY, INC.				LANDMAN: CORY/NEIGHBORS			
INSTRUMENT OPERATOR: JAKE STILLE				SURVEY DATE: 4/20/2017			
SHL FOOTAGE		SHL LAT°	SHL LONG°	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SURFACE USE: RANGELAND
2485	FNL 230	FWL 40.42893	-104.48791	1.7	4609	SWNW	SHL 5-T-R 6-5-63

BHL FOOTAGE		BHL LAT°	BHL LONG°	BHL S-T-R
2085	FSL 385 FWL	40.42716	-104.46884	5-5-63

NEAREST EXISTING WELL IN SHL 1/4/1/4

NEAREST EXISTING WELL-TO SHIL 27/27/27	
EXISTING SKURRING-ROTHE 12-6	±747' NE
NEAREST CULTURAL ITEMS	
BUILDING	±2894' NW
BUILDING UNIT	±3246' N
HIGH OCCUPANCY BUILDING UNIT	5280' +
DESIGNATED OUTSIDE ACTIVITY AREA	5280' +
PUBLIC ROAD (COUNTY ROAD 62/61)	±2480' N
ABOVE GROUND UTILITY	±229' W
RAILROAD	5280' +
PROPERTY LINE	±30' W

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.

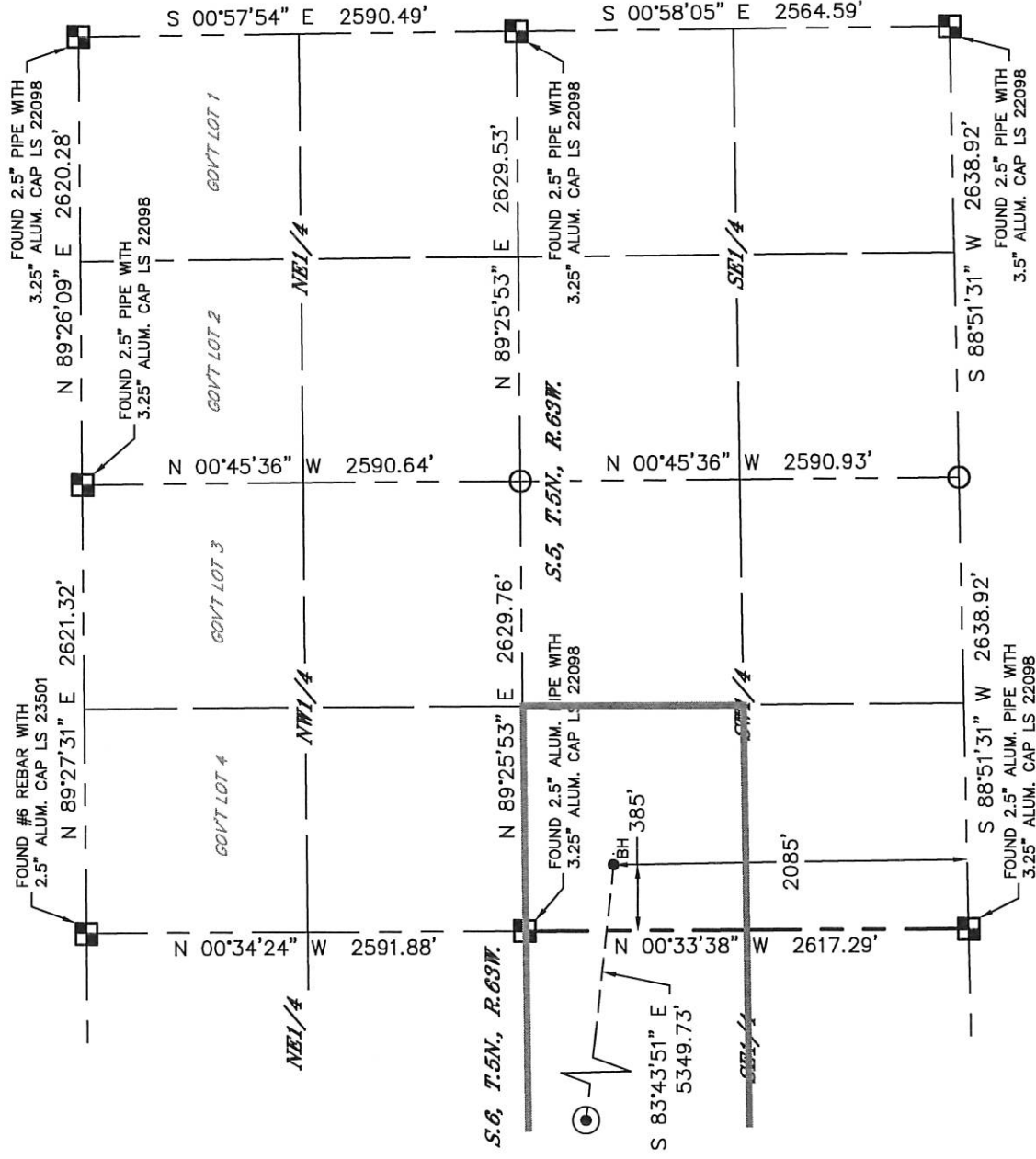


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

WELL LOCATION CERTIFICATE

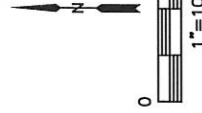
SLW RANCH STATE BB06-642

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



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SHEET 2 OF 2

Jason S. Allee-On behalf of Lat40°, Inc.
Colorado Licensed Professional Land Surveyor
DATE: 8/24/2017
PROJECT#: 2017024