

1625 Broadway
Suite 2200
Denver, CO 80202

Tel: 303.228.4000
Fax: 303.228.4280
www.nobleenergyinc.com



February 11, 2019

PDC Energy, Inc.
Attn: Tracie Owens-Yates
1775 Sherman Street, #3000
Denver, CO 80202

RE: **COGCC Rule 317.s. Stimulation Setback Consent
Roth A30-01 Well Pad
Township 6 North, Range 64 West, 6th P.M.
Section 30: NENE
Weld County, Colorado**

Dear Tracie:

Noble Energy Inc. ("Noble") plans to drill the captioned horizontal wells described below (the "Proposed Wells") with wellbore laterals as depicted on the enclosed plats.

Our records indicate that PDC Energy, Inc. ("PDC") operates the following wells which are located within 200 feet of the horizontal lateral of Noble's Proposed Wells below:

PDC Well Name	API No.	Distance	Proposed Wells
Uhrich 43-30	05-123-19566	22'	Roth A31-720
Blehm 44-30	05-123-22167	27'	Roth A31-720
Cervi 13-31H	05-123-34142	46'	Roth A31-720
Marcy 42-31	05-123-19506	186'	Roth A31-720
Erlich 13-32	05-123-20768	122'	Roth A32-779
Erlich 14-32	05-123-19318	27'	Roth A32-779

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 waive this requirement and allow Noble to drill the Proposed Wells. Accordingly, by executing this letter, PDC waives COGCC Rule 317.s. and grants its consent to allow Noble to drill the Proposed Wells within the 150-foot minimum intra-well distance provided for in said rule.

If you have any questions or need any additional information, please call me at (303) 228-4329.

Very truly yours,
NOBLE ENERGY, INC.

Ashley N. Grilz

Ashley N. Grilz
Staff Landman

Enclosures

As operator of the above referenced well(s) lying within 150 feet of the treated interval portion of the Proposed Wells captioned above, PDC hereby consents to the location of Noble's Proposed Wells within the 150-foot minimum stimulation setback distance as specified in COGCC Rule 317.s.

Accepted and agreed to this 11th day of February, 2019.

PDC Energy, Inc.

By:

Caleb A. Ring

Printed Name:

Caleb A. Ring

Title:

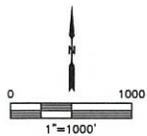
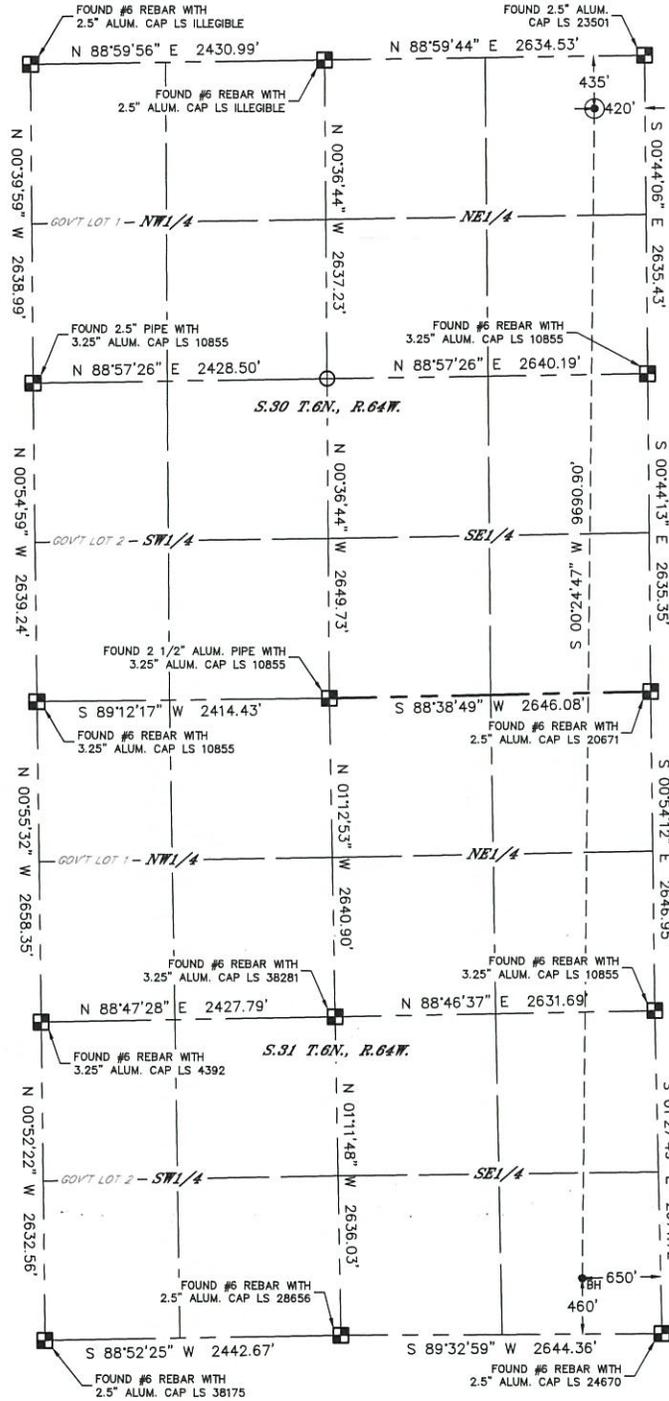
Non-Op Engineer



WELL LOCATION CERTIFICATE

ROTH A31-720

SECTION: 30
TOWNSHIP: 6N
RANGE: 64W
6TH. P.M.
WELD COUNTY, CO



CLIENT: NOBLE ENERGY, INC.		LANDMAN: TONY BALL				
INSTRUMENT OPERATOR: SCOTT SHERARD		SURVEY DATE: 6/20/2018				
SURFACE USE: CROP LAND						
SHL FOOTAGE	SHL LAT*	SHL LONG*	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R
435 FNL 420 FEL	40.46302	-104.58520	2.7	4701	NENE	30-6-64

BHL FOOTAGE	BHL LAT*	BHL LONG*	BHL S-T-R
460 FSL 650 FEL	40.43643	-104.58581	31-6-64

NEAREST EXISTING WELL IN SHL 1/4/1/4	
EXISTING WELL	N/A
NEAREST CULTURAL ITEMS	
BUILDING	±511' NE
BUILDING UNIT	±511' NE
HIGH OCCUPANCY BUILDING UNIT	5280'+
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (COUNTY ROAD 51)	±408' E
ABOVE GROUND UTILITY	±394' E
RAILROAD	5280'+
PROPERTY LINE	±352' NW

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



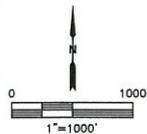
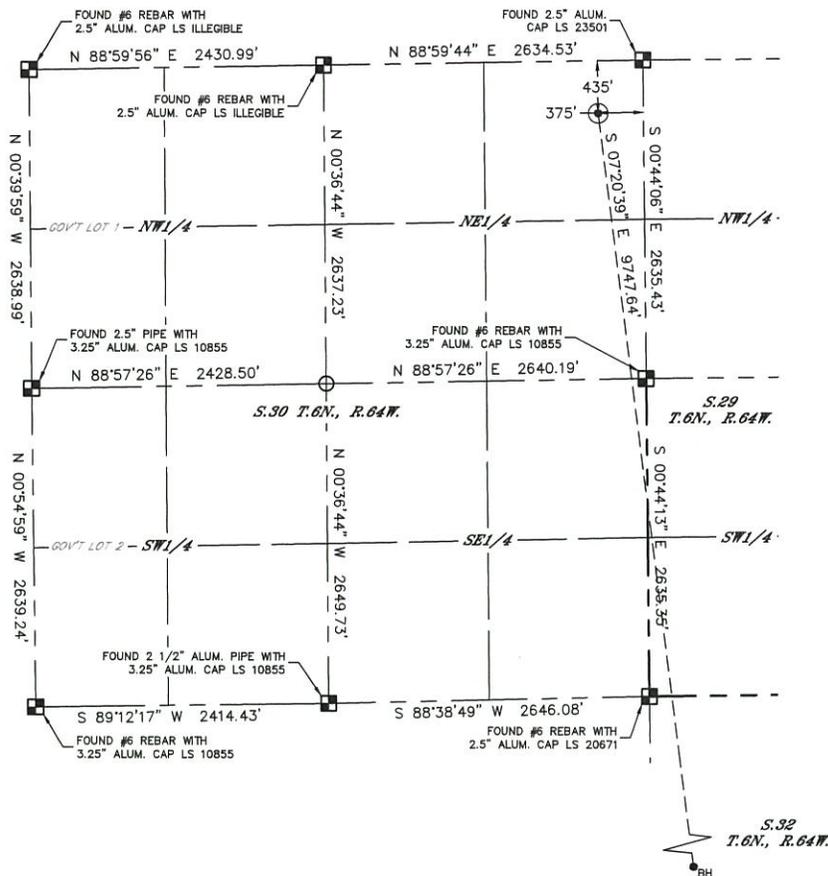
Kyle E. Rutz-On behalf of
 Colorado Licensed Professional Land Surveyor No. 38307
 DATE: 9/24/2018
 PROJECT#: 2018024



WELL LOCATION CERTIFICATE

ROTH A32-779

SECTION: 30
TOWNSHIP: 6N
RANGE: 64W
6TH. P.M.
WELD COUNTY, CO



CLIENT: NOBLE ENERGY, INC.		LANDMAN: TONY BALL				
INSTRUMENT OPERATOR: SCOTT SHERARD		SURVEY DATE: 6/20/2018				
SURFACE USE: CROP LAND						
SHL FOOTAGE	SHL LAT*	SHL LONG*	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R
435 FNL 375 FEL	40.46302	-104.58504	2.7	4701	NENE	30-6-64

BHL FOOTAGE	BHL LAT*	BHL LONG*	BHL S-T-R
460 FSL 711 FWL	40.43645	-104.58092	32-6-64

NEAREST EXISTING WELL IN SHL 1/4/1/4	
EXISTING WELL	N/A
NEAREST CULTURAL ITEMS	
BUILDING	±505' N
BUILDING UNIT	±505' N
HIGH OCCUPANCY BUILDING UNIT	5280'+
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (COUNTY ROAD 51)	±363' E
ABOVE GROUND UTILITY	±349' E
RAILROAD	5280'+
PROPERTY LINE	±375' E

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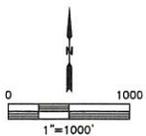
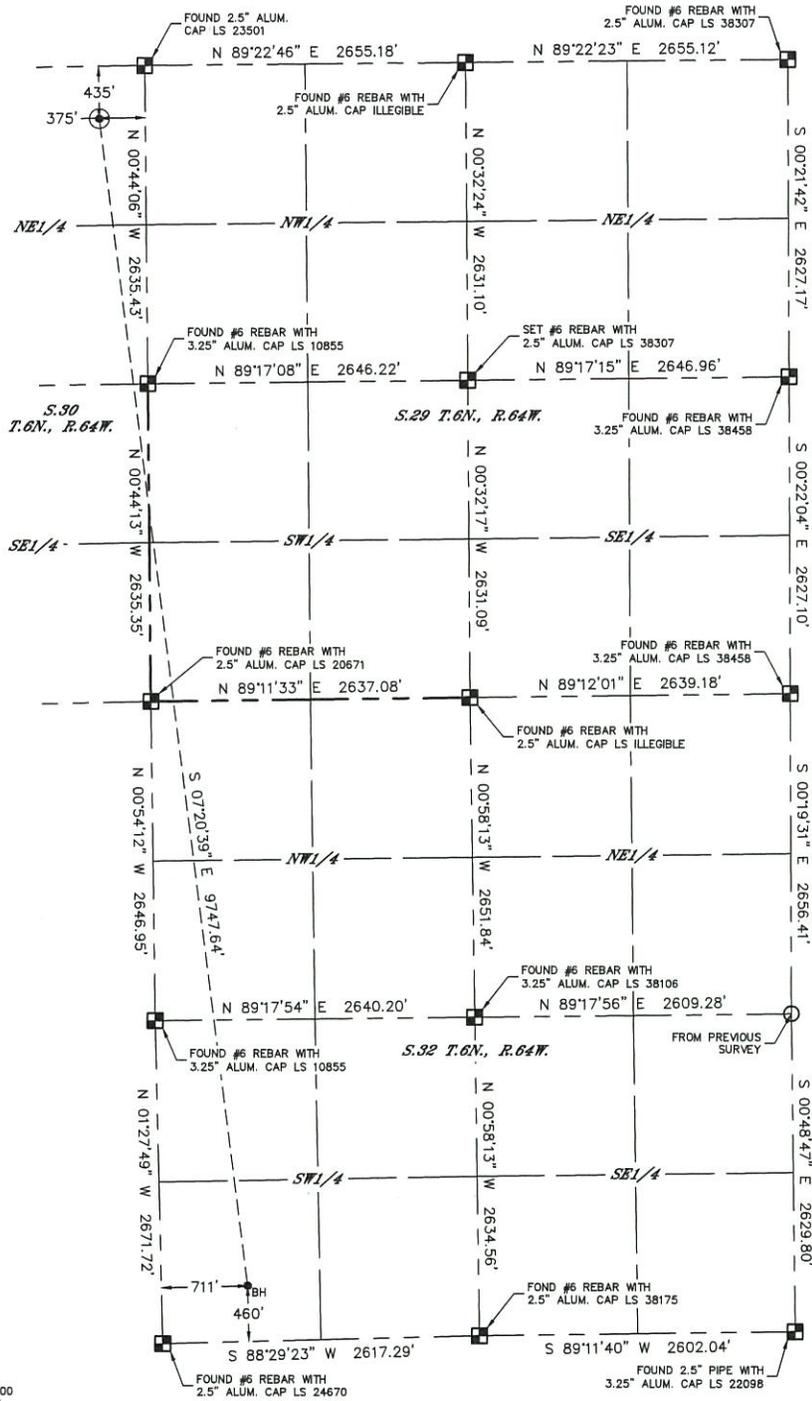




WELL LOCATION CERTIFICATE

ROTH A32-779

SECTION: 30
TOWNSHIP: 6N
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6TH. P.M.
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SHEET 2 OF 2
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