

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  
Rampart A20-15 Well Pad  
Township 6 North, Range 64 West, 6<sup>th</sup> P.M.  
Section 20: S2SE  
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:

<b>PDC Well Name</b>	<b>API No.</b>	<b>Distance</b>	<b>Proposed Wells</b>
Capehart 1	05-123-12007	90'	Rampart A32-739
Miller 33-29	05-123-19479	22'	Rampart A32-739
Hoffner 1	05-123-12739	23'	Rampart A32-739
Hoffner 32-32	05-123-19000	44'	Rampart A32-739
Miller 43-29	05-123-20223	86'	Rampart A32-721
Danley 12-28	05-123-19473	73'	Rampart A33-780
Danley 13-28	05-123-19580	41'	Rampart A33-780
Danley 14-28	05-123-19044	29'	Rampart A33-780
Noffsinger 11-33	05-123-14258	98'	Rampart A33-780
Noffsinger 12-33	05-123-19356	99'	Rampart A33-780

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 11<sup>th</sup> day of February, 2019.

**PDC Energy, Inc.**

By:

Caleb A. Ring

Printed Name:

Caleb A. Ring

Title:

Non-Op Engineer

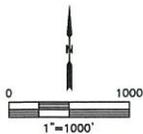
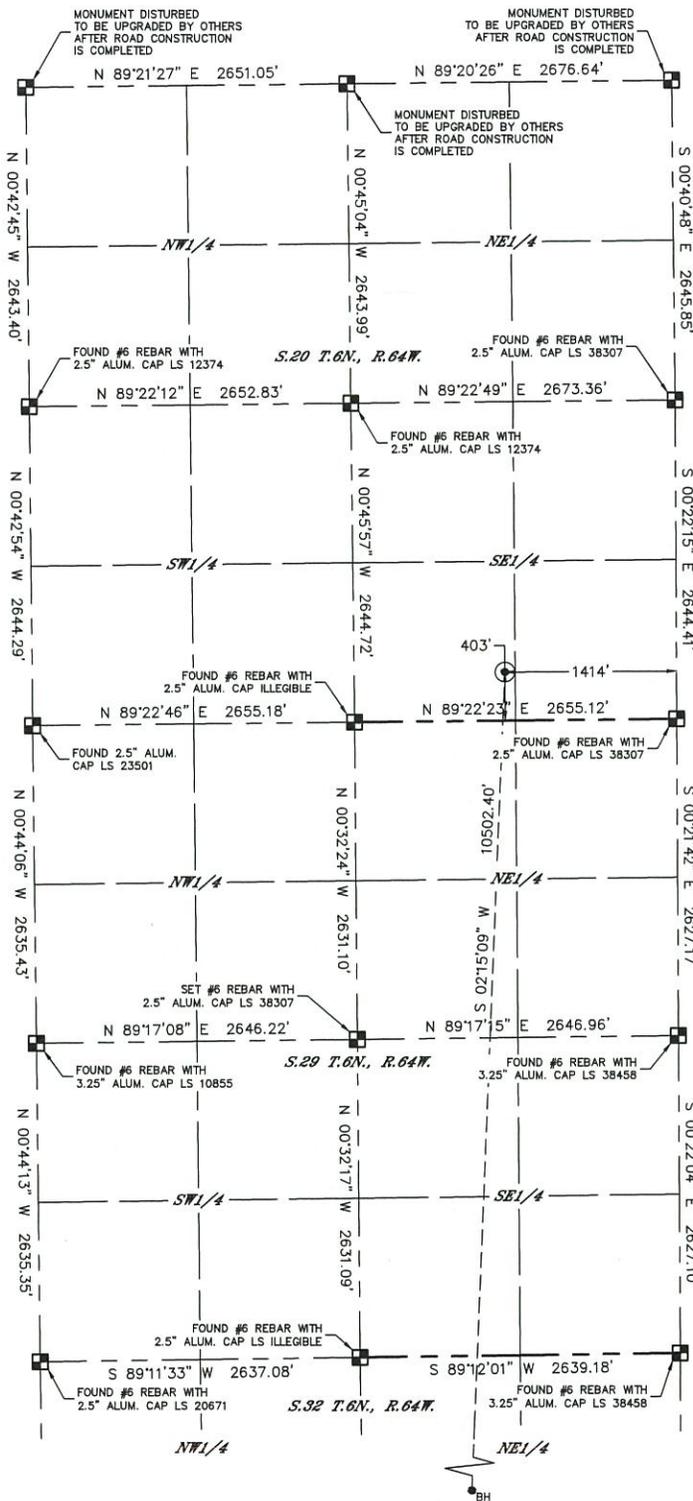


Lat40<sup>o</sup>, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

RAMPART A32-739

SECTION: 20  
TOWNSHIP: 6N  
RANGE: 64W  
6TH. P.M.  
WELD COUNTY, CO



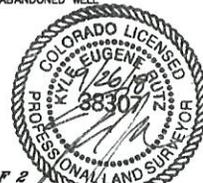
CLIENT: NOBLE ENERGY, INC.			LANDMAN: TONY BALL			
INSTRUMENT OPERATOR: SCOTT SHERARD			SURVEY DATE: 5/30/2018		SURFACE USE: PASTURE	
SHL FOOTAGE	SHL LAT*	SHL LONG*	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R
403	FSL 1414	FEL 40.46533	-104.56969	2.5	4706	SWSE 20-6-64

BHL FOOTAGE	BHL LAT*	BHL LONG*	BHL S-T-R	
460	FSL 1909	FEL 40.43654	-104.57157	32-6-64

NEAREST EXISTING WELL IN SHL 1/4/1/4	
EXISTING WELL	N/A
NEAREST CULTURAL ITEMS	
BUILDING	±932' SW
BUILDING UNIT	±1133' SW
HIGH OCCUPANCY BUILDING UNIT	±2895' SE
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (COUNTY ROAD 66)	±391' S
ABOVE GROUND UTILITY	±373' S
RAILROAD	5280'+
PROPERTY LINE	±403' S

- NOTE:
- 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."
  - Distances to section lines measured at 90 degrees from said section lines.
  - Ground elevations are based on an observed GPS elevation (NAVD 1988 DATUM).
  - Latitude and Longitude shown are (NAD 83 DATUM).
  - IMPROVEMENTS: See LOCATION DRAWING for all visible improvements within 500' of oil and gas location.
  - This map does not represent a boundary survey.

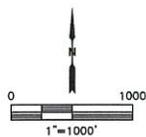
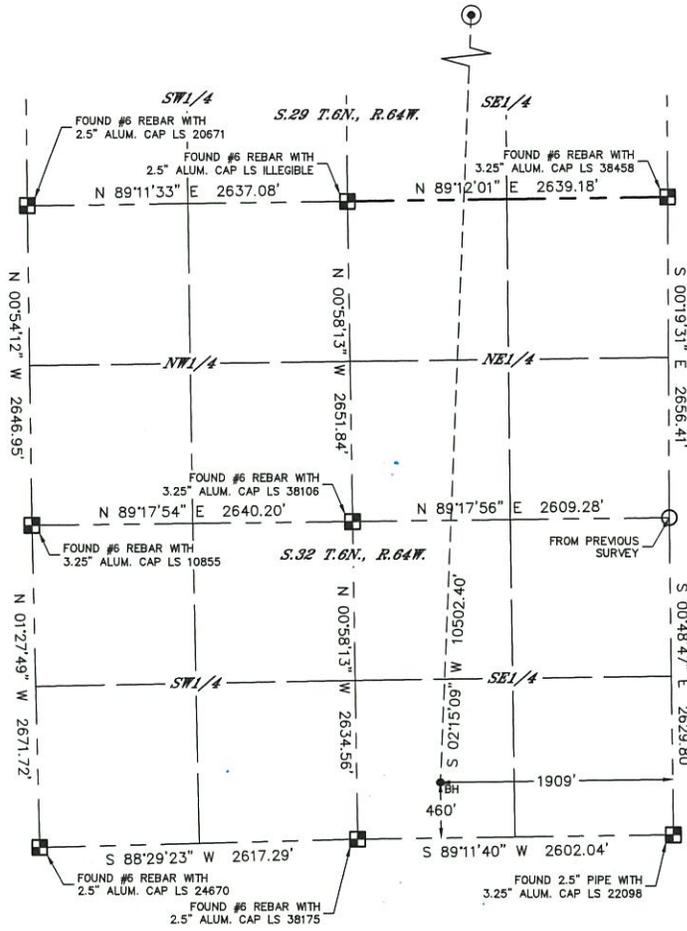
- LEGEND
- = ALIQUOT MONUMENT AS DESCRIBED
  - = CALCULATED POSITION
  - = SURFACE HOLE LOCATION (SHL)
  - ▲ = ENTRY POINT LOCATION (EP)
  - <sub>BH</sub> = BOTTOM HOLE LOCATION (BHL)
  - ⊙ = EXISTING WELL
  - ⊙ = ABANDONED WELL



SHEET 1 OF 2  
 Kyle E. Rutz—On behalf of Lat40<sup>o</sup>, Inc.  
 Colorado Licensed Professional Land Surveyor No. 38307  
 DATE: 9/28/2018  
 PROJECT: 2018024

WELL LOCATION CERTIFICATE  
RAMPART A32-739

SECTION: 20  
TOWNSHIP: 6N  
RANGE: 64W  
6TH. P.M.  
WELD COUNTY, CO



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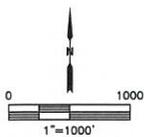
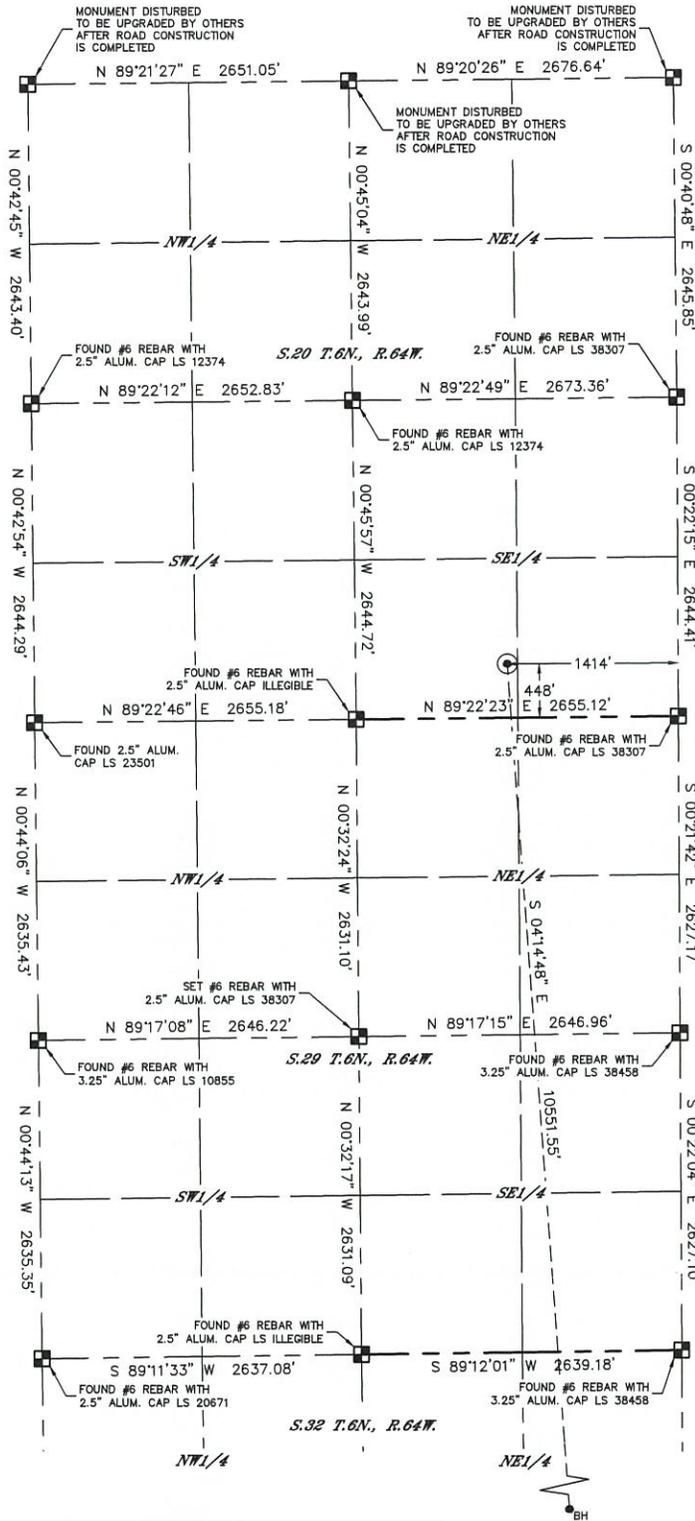


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

RAMPART A32-721

SECTION: 20  
TOWNSHIP: 6N  
RANGE: 64W  
6TH. P.M.  
WELD COUNTY, CO



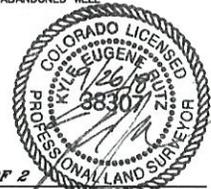
CLIENT: NOBLE ENERGY, INC.			LANDMAN: TONY BALL		
INSTRUMENT OPERATOR: SCOTT SHERARD			SURVEY DATE: 5/30/2018		SURFACE USE: PASTURE
SHL FOOTAGE	SHL LAT*	SHL LONG*	SHL PDOP	SHL ELEV (FT.)	SHL S-T-R
448	FSL 1414	FEL 40.46545	-104.56969	2.5	4707

BHL FOOTAGE	BHL LAT*	BHL LONG*	BHL S-T-R
460	FSL 715	FEL 40.43656	-104.56728

NEAREST EXISTING WELL IN SHL 1/4/1/4	
EXISTING WELL	N/A
NEAREST CULTURAL ITEMS	
BUILDING	±958' SW
BUILDING UNIT	±1160' SW
HIGH OCCUPANCY BUILDING UNIT	±2936' SE
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (COUNTY ROAD 66)	±436' S
ABOVE GROUND UTILITY	±418' S
RAILROAD	5280'+
PROPERTY LINE	±448' S

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  - 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.

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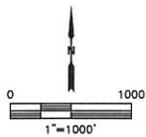
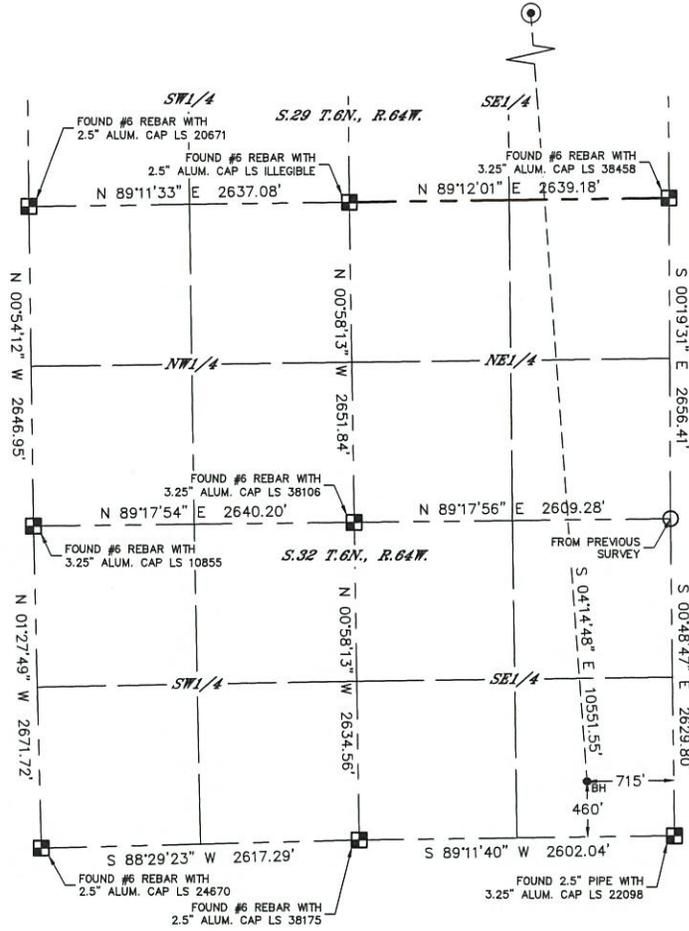
SHEET 1 OF 2  
 Kyle E. Rutz—On behalf of Lat40°  
 Colorado Licensed Professional Land Surveyor No. 38307  
 DATE: 9/28/2018  
 PROJECT#: 2018024



# WELL LOCATION CERTIFICATE

RAMPART A32-721

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



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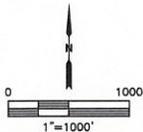
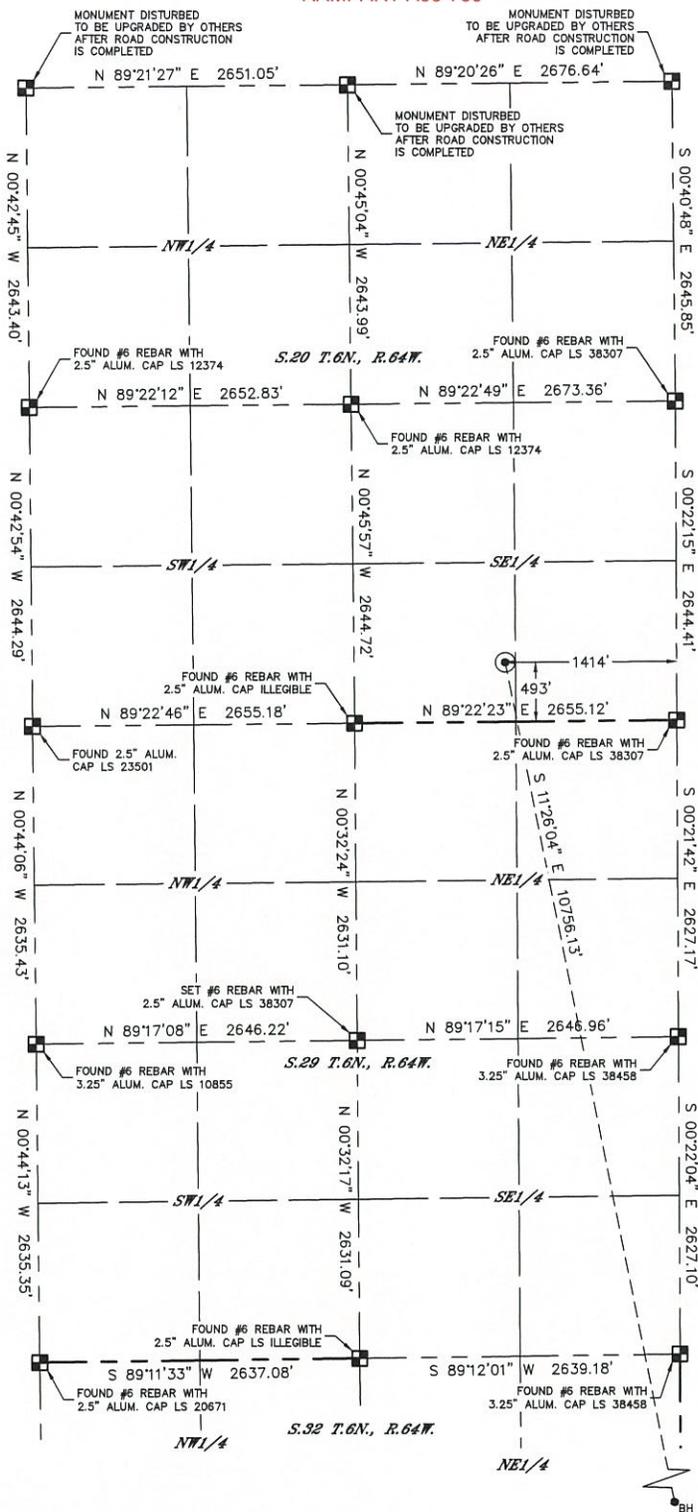


Lat40°, Inc. 6250 W. 10th Street, Unit 2, Greeley, CO 970-515-5294

# WELL LOCATION CERTIFICATE

RAMPART A33-780

SECTION: 20  
TOWNSHIP: 6N  
RANGE: 64W  
6TH. P.M.  
WELD COUNTY, CO



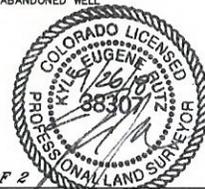
CLIENT: NOBLE ENERGY, INC.			LANDSMAN: TONY BALL			
INSTRUMENT OPERATOR: SCOTT SHERARD			SURVEY DATE: 5/30/2018		SURFACE USE: PASTURE	
SHL FOOTAGE	SHL LAT*	SHL LONG*	SHL PDOP	SHL ELEV (FT.)	SHL 1/4/1/4	SHL S-T-R
493	FSL 1414	FEL -104.56969	2.5	4707	SWSE	20-6-64

BHL FOOTAGE	BHL LAT*	BHL LONG*	BHL S-T-R
460	FSL 636	FWL -104.56243	33-6-64

NEAREST EXISTING WELL IN SHL 1/4/1/4	
EXISTING WELL	N/A
NEAREST CULTURAL ITEMS	
BUILDING	±986' SW
BUILDING UNIT	±1189' SW
HIGH OCCUPANCY BUILDING UNIT	±2977' SE
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+
PUBLIC ROAD (COUNTY ROAD 66)	481' S
ABOVE GROUND UTILITY	±463' S
RAILROAD	5280'+
PROPERTY LINE	±493' S

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SHEET 1 OF 2  
 Kyle E. Rutz—On behalf of Lat40°  
 Colorado Licensed Professional Land Surveyor No. 38307  
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