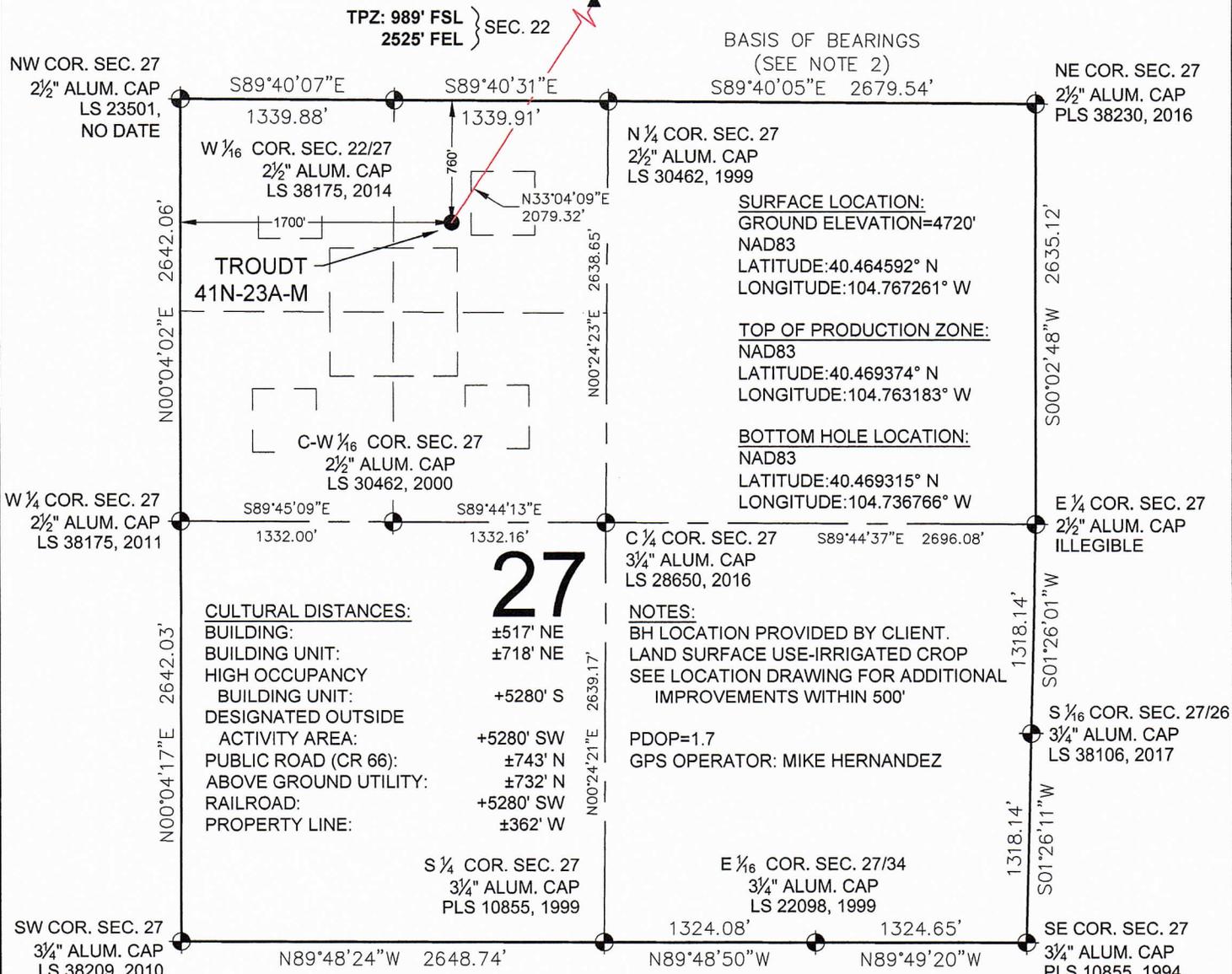


# TROUDT 41N-23A-M WELL LOCATION CERTIFICATE



**BASIS OF BEARINGS**  
(SEE NOTE 2)  
S89°40'05"E 2679.54'

**SURFACE LOCATION:**  
GROUND ELEVATION=4720'  
NAD83  
LATITUDE:40.464592° N  
LONGITUDE:104.767261° W

**TOP OF PRODUCTION ZONE:**  
NAD83  
LATITUDE:40.469374° N  
LONGITUDE:104.763183° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.469315° N  
LONGITUDE:104.736766° W

**CULTURAL DISTANCES:**

BUILDING:	±517' NE
BUILDING UNIT:	±718' NE
HIGH OCCUPANCY BUILDING UNIT:	+5280' S
DESIGNATED OUTSIDE ACTIVITY AREA:	+5280' SW
PUBLIC ROAD (CR 66):	±743' N
ABOVE GROUND UTILITY:	±732' N
RAILROAD:	+5280' SW
PROPERTY LINE:	±362' W

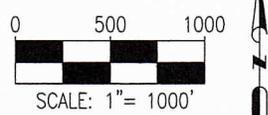
**NOTES:**

BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-IRRIGATED CROP  
SEE LOCATION DRAWING FOR ADDITIONAL IMPROVEMENTS WITHIN 500'

PDOP=1.7  
GPS OPERATOR: MIKE HERNANDEZ

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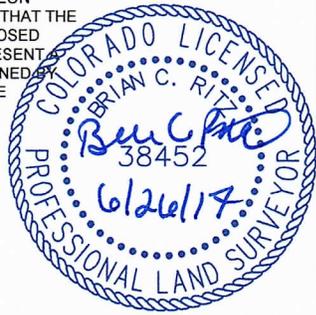
**WELL TROUDT 41N-23A-M TO BE  
LOCATED 760' FNL & 1700' FWL**



- NOTES:**
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
  - BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 27, BEARS S89°40'05"E BETWEEN THE MONUMENTS SHOWN HEREON.
  - ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.481168°N, A CENTRAL MERIDIAN LONGITUDE OF 104.773359°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000221 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
  - FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO SRC ENERGY, INC., THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC  
d.b.a. ASCENT GEOMATICS SOLUTIONS



NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: <b>04-27-17</b>	WELL NAME: <b>TROUDT 41N-23A-M</b>	PREPARED FOR:  <b>SRC ENERGY</b>
	DRAWING DATE: <b>06-06-17</b>	SURFACE LOCATION: <b>NE 1/4 NW 1/4 SEC. 27, T6N, R66W, 6TH P.M. WELD COUNTY, COLORADO</b>	
BY: <b>DJP</b>	CHECKED BY: <b>KAD</b>		

# TROUDT 41N-23A-M WELL LOCATION CERTIFICATE

N ¼ COR. SEC. 22  
COTTON SPINDLE &  
15' W.C. 2½" ALUM. CAP  
PLS 28285, 2016

# 22

NW COR. SEC. 22  
¾" ALUM. CAP  
PLS 31159, 2008

S89°35'45"E

1348.65'  
W ¼ COR. SEC. 22/15  
2½" ALUM. CAP  
LS 38175, 2014

S89°36'23"E

S89°51'07"E

E ¼ COR. SEC. 22/15  
2 REF. MONS.  
2½" ALUM. CAP  
LS 30462, 1999 &  
PLS 38230, 2016

S89°20'44"E

NE COR. SEC. 22  
2 REF. MONS.  
2½" ALUM. CAP  
LS 30462, 1999

N00°00'46"E 2635.29'

N00°12'04"E 2633.67'

S00°03'05"E 2631.83'

W ¼ COR. SEC. 22  
2½" ALUM. CAP  
PLS 38175, 2014

S89°38'05"E 2688.44'

S89°38'13"E 2668.44'

C ¼ COR. SEC. 22  
¾" ALUM. CAP  
PLS 11399, 2013

E ¼ COR. SEC. 22  
¾" ALUM. CAP  
LS 19585, 1993

N00°00'45"E 2635.28'

N00°12'02"E 2633.51'

S00°02'28"E 2632.11'

460' BUFFER

S89°51'01"E 7352.01'

TPZ: 989' FSL  
2525' FEL

BHL: 995' FSL  
510' FEL } SEC. 23

W ¼ COR. SEC. 22/27  
2½" ALUM. CAP  
LS 38175, 2014

N89°40'07"W

N89°40'31"W

N89°40'05"W 2679.54'

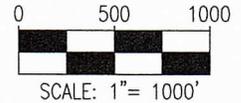
SW COR. SEC. 22  
2½" ALUM. CAP  
LS 23501,  
NO DATE

SHL: 760' FNL } SEC. 27  
1700' FWL }

S ¼ COR. SEC. 22  
2½" ALUM. CAP  
LS 30462, 1999

BASIS OF BEARINGS  
(SEE NOTE 2)

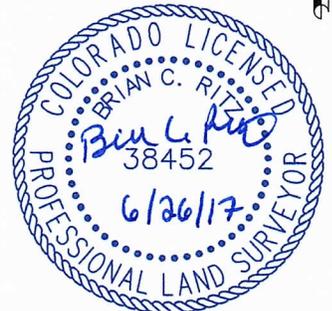
SE COR. SEC. 22  
2½" ALUM. CAP  
PLS 38230, 2016



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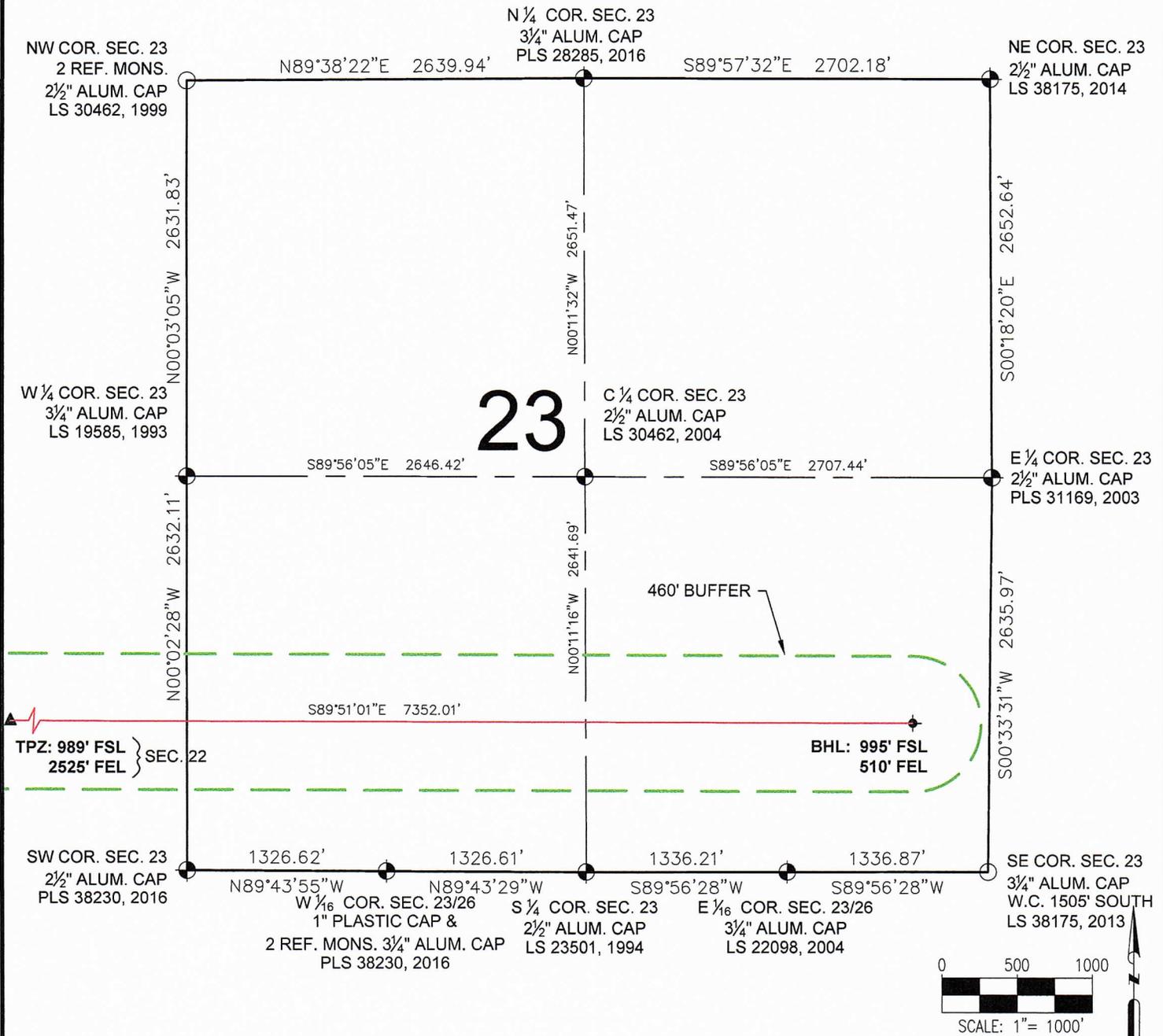
BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
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SHEET 2 OF 3

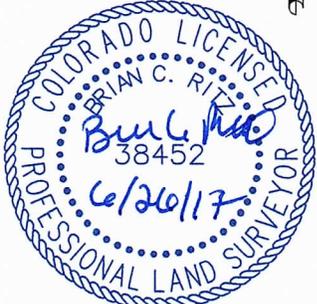
<p style="font-size: 8pt;">7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 04-27-17	WELL NAME: TROUDT 41N-23A-M	PREPARED FOR:
	DRAWING DATE: 06-06-17	SURFACE LOCATION: NE 1/4 NW 1/4 SEC. 27, T6N, R66W, 6TH P.M. WELD COUNTY, COLORADO	
BY: DJP	CHECKED BY: KAD		

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SHEET 3 OF 3

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