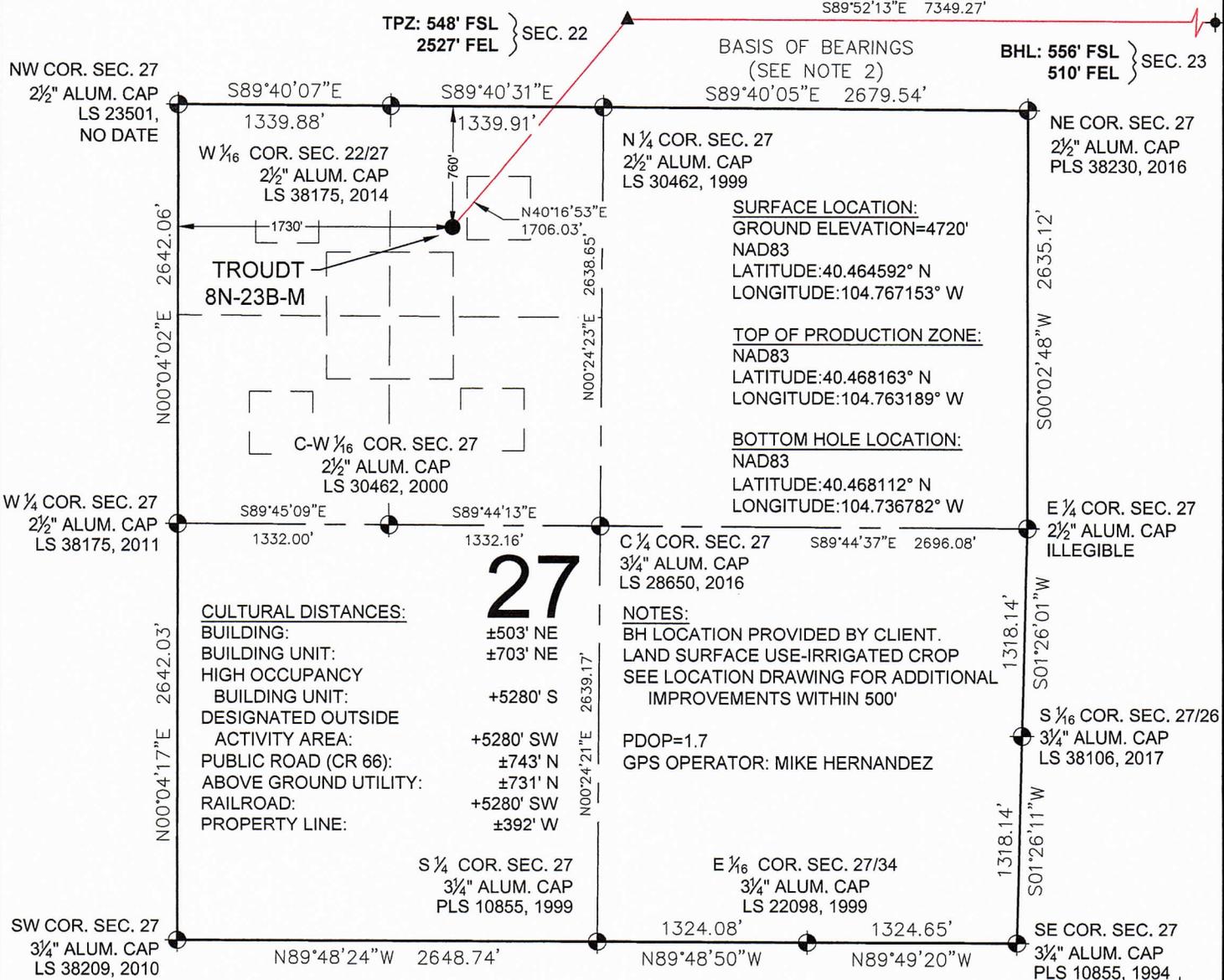


TROUDT 8N-23B-M WELL LOCATION CERTIFICATE



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

BHL: 556' FSL } SEC. 23
510' FEL }

SURFACE LOCATION:
GROUND ELEVATION=4720'
NAD83
LATITUDE:40.464592° N
LONGITUDE:104.767153° W

TOP OF PRODUCTION ZONE:
NAD83
LATITUDE:40.468163° N
LONGITUDE:104.763189° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.468112° N
LONGITUDE:104.736782° W

CULTURAL DISTANCES:
BUILDING: ±503' NE
BUILDING UNIT: ±703' NE
HIGH OCCUPANCY BUILDING UNIT: +5280' S
DESIGNATED OUTSIDE ACTIVITY AREA: +5280' SW
PUBLIC ROAD (CR 66): ±743' N
ABOVE GROUND UTILITY: ±731' N
RAILROAD: +5280' SW
PROPERTY LINE: ±392' 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

LEGEND

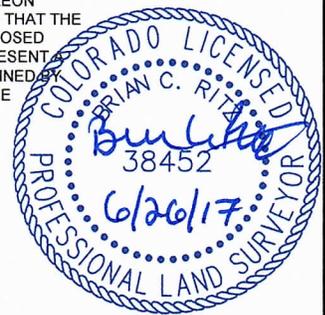
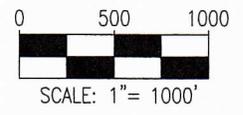
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- TPZ = TOP OF PRODUCTION ZONE
- BHL = BOTTOM HOLE LOCATION

- 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.

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.

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



<p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 04-27-17	WELL NAME: TROUDT 8N-23B-M	PREPARED FOR: SRC ENERGY
	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		

TROUDT 8N-23B-M WELL LOCATION CERTIFICATE

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

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

S89°35'45"E 1348.65'
S89°36'23"E 1348.45'
W ¼ COR. SEC. 22/15
2½" ALUM. CAP
LS 38175, 2014

S89°51'07"E 1313.77'
S89°20'44"E 1343.11'
E ¼ COR. SEC. 22/15
2 REF. MONS.
2½" ALUM. CAP
LS 30462, 1999 &
PLS 38230, 2016

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'

22

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

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

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

S89°38'05"E 2688.44'

S89°38'13"E 2668.44'

N00°00'45"E 2635.28'

N00°12'02"E 2633.51'

S00°02'28"E 2632.11'

460' BUFFER

TPZ: 548' FSL
2527' FEL

BHL: 556' FSL
510' FEL } SEC. 23

N40°16'53"E 1706.03'
W ¼ COR. SEC. 22/27
2½" ALUM. CAP
LS 38175, 2014

S89°52'13"E 7349.27'

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

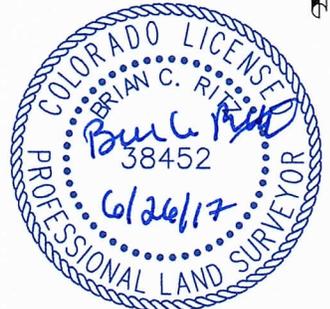
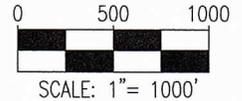
1339.88' N89°40'07"W
1339.91' N89°40'31"W

N89°40'05"W 2679.54'
BASIS OF BEARINGS
(SEE NOTE 2)

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

SHL: 760' FNL } SEC. 27
1730' FWL }

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



LEGEND

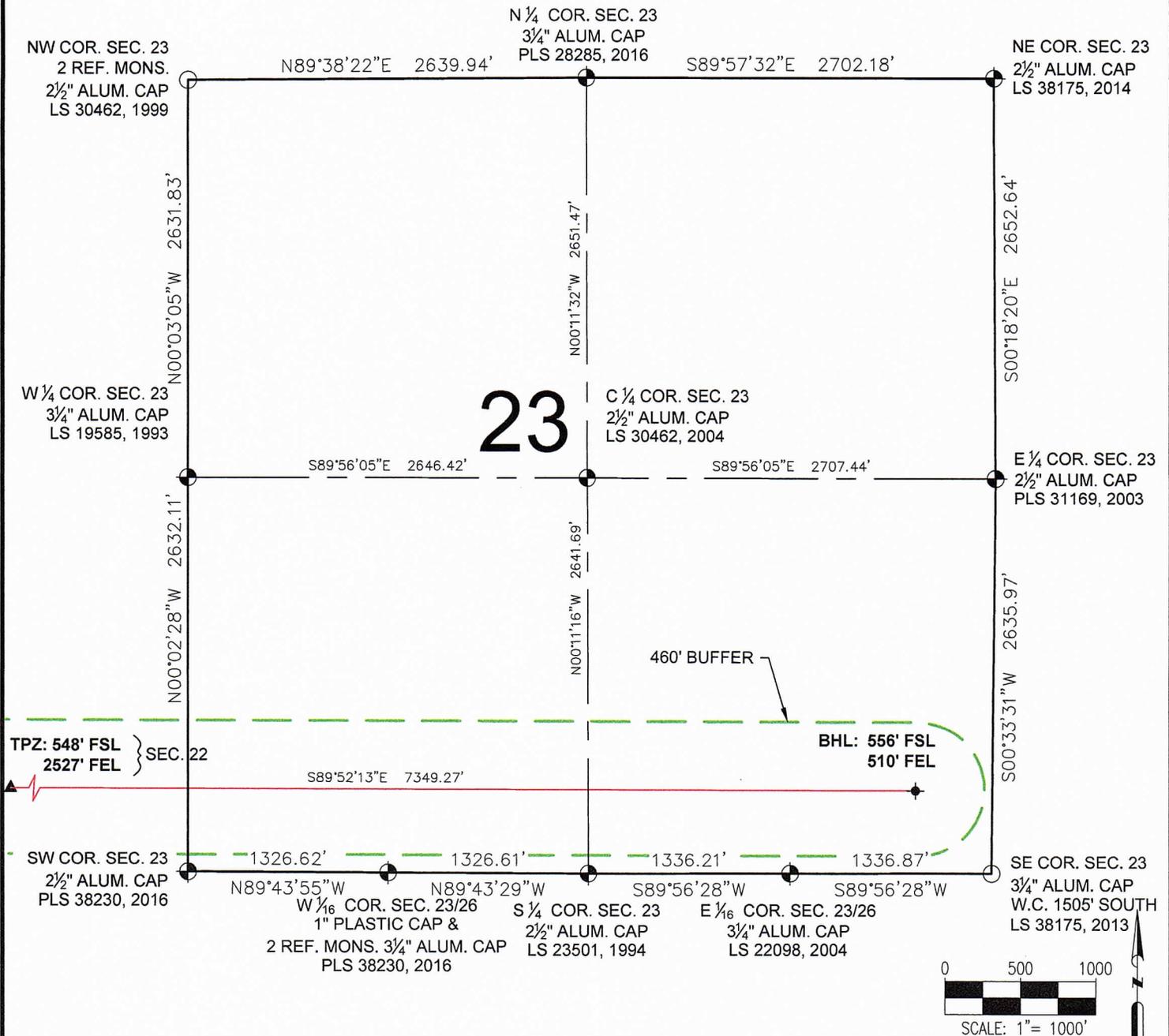
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SHEET 2 OF 3

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 04-27-17	WELL NAME: TROUDT 8N-23B-M	PREPARED FOR:  SRC ENERGY
	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		

TROUDT 8N-23B-M WELL LOCATION CERTIFICATE



23

NW COR. SEC. 23
2 REF. MONS.
2½" ALUM. CAP
LS 30462, 1999

N ¼ COR. SEC. 23
¾" ALUM. CAP
PLS 28285, 2016

NE COR. SEC. 23
2½" ALUM. CAP
LS 38175, 2014

W ¼ COR. SEC. 23
¾" ALUM. CAP
LS 19585, 1993

C ¼ COR. SEC. 23
2½" ALUM. CAP
LS 30462, 2004

E ¼ COR. SEC. 23
2½" ALUM. CAP
PLS 31169, 2003

SW COR. SEC. 23
2½" ALUM. CAP
PLS 38230, 2016

1326.62' 1326.61' 1336.21' 1336.87'

N89°43'55"W N89°43'29"W S89°56'28"W S89°56'28"W

W ¼ COR. SEC. 23/26 S ¼ COR. SEC. 23 E ¼ COR. SEC. 23/26

1" PLASTIC CAP & 2½" ALUM. CAP ¾" ALUM. CAP

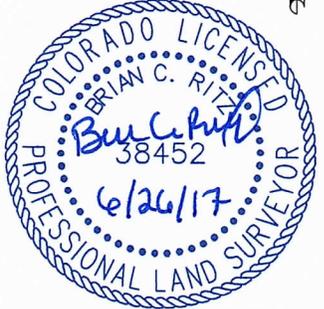
2 REF. MONS. PLS 38230, 2016 LS 23501, 1994 LS 22098, 2004

SE COR. SEC. 23
¾" ALUM. CAP
W.C. 1505' SOUTH
LS 38175, 2013

LEGEND

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