

GREELEY-ROTHE FEDERAL 13N-2C-L WELL LOCATION CERTIFICATE

NW COR. SEC. 1
W.C. 305.43' WEST
3/4" ALUM. CAP
LS 20685, 1990

E 1/16 COR. SEC. 1/36
3/4" ALUM. CAP
LS 22098, 2002
S86°56'09"E

NE COR. SEC. 1
2 1/2" ALUM. CAP
LS 24670, 1993

BASIS OF BEARINGS
(SEE NOTE 2)
N04°32'37"E 2916.05'

CULTURAL DISTANCES:
 BUILDING: ±1212' S
 BUILDING UNIT: ±1289' SE
 HIGH OCCUPANCY BUILDING UNIT: ±5280' SE
 DESIGNATED OUTSIDE ACTIVITY AREA: ±5280' SW
 PUBLIC ROAD: ±283' E
 ABOVE GROUND UTILITY: ±943' S
 RAILROAD: ±5280' NE
 PROPERTY LINE: ±294' E

TOP OF PRODUCTION ZONE:
 NAD83
 LATITUDE: 40.423167°
 LONGITUDE: -104.832973°

BOTTOM HOLE LOCATION:
 NAD83
 LATITUDE: 40.423081°
 LONGITUDE: -104.868892°

W 1/4 COR. SEC. 1
3/4" ALUM. CAP
LS 22098, 2005

C 1/4 COR. SEC. 1
3/4" ALUM. CAP
LS 22098, 2005

E 1/4 COR. SEC. 1
3/4" ALUM. CAP
LS 22098, 2002

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

PDOP=1.7
 GPS OPERATOR: ALAN HNIZDO

GREELEY-ROTHE
FEDERAL 13N-2C-L

BHL: 648' FSL
150' FWL } SEC. 2

460' BUFFER

S89°47'49"W 10003.06'

TPZ: 582' FSL
150' FWL

SW COR. SEC. 1
3/4" ALUM. CAP
LS 22098, 2001

S87°56'35"W 2583.85'

S 1/4 COR. SEC. 1
3/4" ALUM. CAP
ILLEGIBLE

E 1/16 COR. SEC. 1/12
3/4" ALUM. CAP
PLS NO 25381, 2010

SE COR. SEC. 1
3/4" ALUM. CAP
PLS NO 25381, 2010

LEGEND

- = EXISTING MONUMENT
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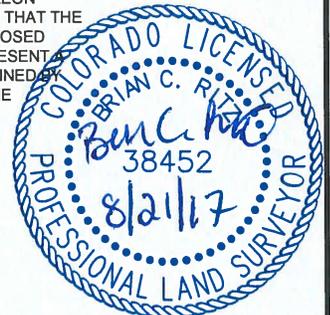
**WELL GREELEY-ROTHE FEDERAL 13N-2C-L
TO BE LOCATED 983' FSL & 294' FEL**



- 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 WEST LINE OF THE NORTHWEST QUARTER OF SECTION 1, BEARS N04°32'37"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 40.392439°N, A CENTRAL MERIDIAN LONGITUDE OF 104.888128°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000232 (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 A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

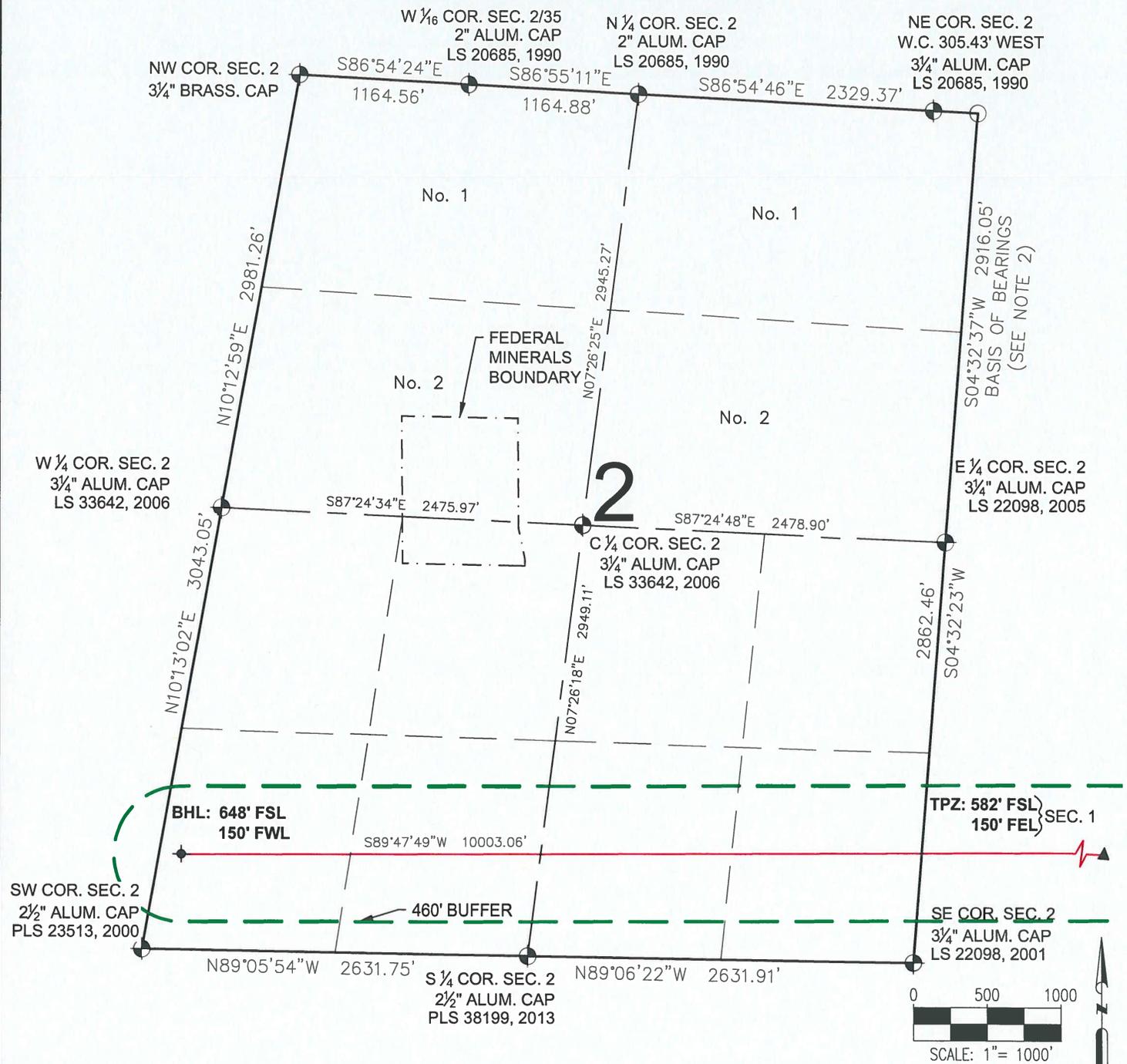
BRIAN C. RITZ, PLS 38452
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC
 d.b.a. ASCENT GEOMATICS SOLUTIONS



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: 03-09-17	WELL NAME: GREELEY-ROTHE FEDERAL 13N-2C-L	PREPARED FOR:  SRC ENERGY
	DRAWING DATE: 08-18-17	SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 1, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO	
BY: CSG	CHECKED BY: KAD		

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SHEET 2 OF 2

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