

GREELEY-ROTHER FEDERAL 13C-2-L WELL LOCATION CERTIFICATE

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

E 1/6 COR. SEC. 1/36
3/4" ALUM. CAP
LS 22098, 2002

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

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

No. 1
CULTURAL DISTANCES:

BUILDING: ±1252' S
BUILDING UNIT: ±1317' SE
HIGH OCCUPANCY
BUILDING UNIT: ±5280' SE
DESIGNATED OUTSIDE
ACTIVITY AREA: ±5280' SW
PUBLIC ROAD: ±283' E
ABOVE GROUND UTILITY: ±983' S
RAILROAD: ±5280' NE
PROPERTY LINE: ±294' E

No. 1
SURFACE LOCATION:
GROUND ELEVATION=4872'
NAD83
LATITUDE:40.424362°
LONGITUDE:-104.833505°

TOP OF PRODUCTION ZONE:
NAD83
LATITUDE:40.424349°
LONGITUDE:-104.832988°

No. 2
BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.424407°
LONGITUDE:-104.868579°

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

BHL: 1133' FSL
150' FWL } SEC. 2

N89°54'07"W 9911.48'

460' BUFFER

GREELEY-ROTHER
FEDERAL 13C-2-L

TPZ: 1013' FSL
150' FEL

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

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

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

LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = BOTTOM HOLE
- ▲ = TOP OF PRODUCTION ZONE
- TPZ = TOP OF PRODUCTION ZONE
- BHL = BOTTOM HOLE LOCATION

NOTES:

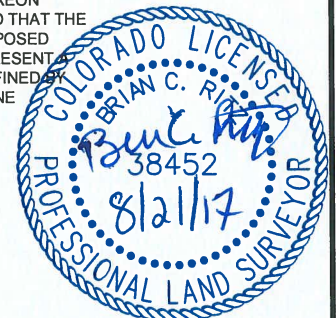
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 1, BEARS N04°32'37"E BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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.

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.

WELL GREELEY-ROTHER FEDERAL 13C-2-L TO BE LOCATED 1023' FSL & 294' FEL

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



SHEET 1 OF 2



7535 Hilltop Circle
Denver, CO 80221
(303) 928-7128
www.ascentgeomatics.com

FIELD DATE:

03-09-17

DRAWING DATE:

08-18-17

BY:
CSG

CHECKED BY:
KAD

WELL NAME:

GREELEY-ROTHER FEDERAL 13C-2-L

SURFACE LOCATION:

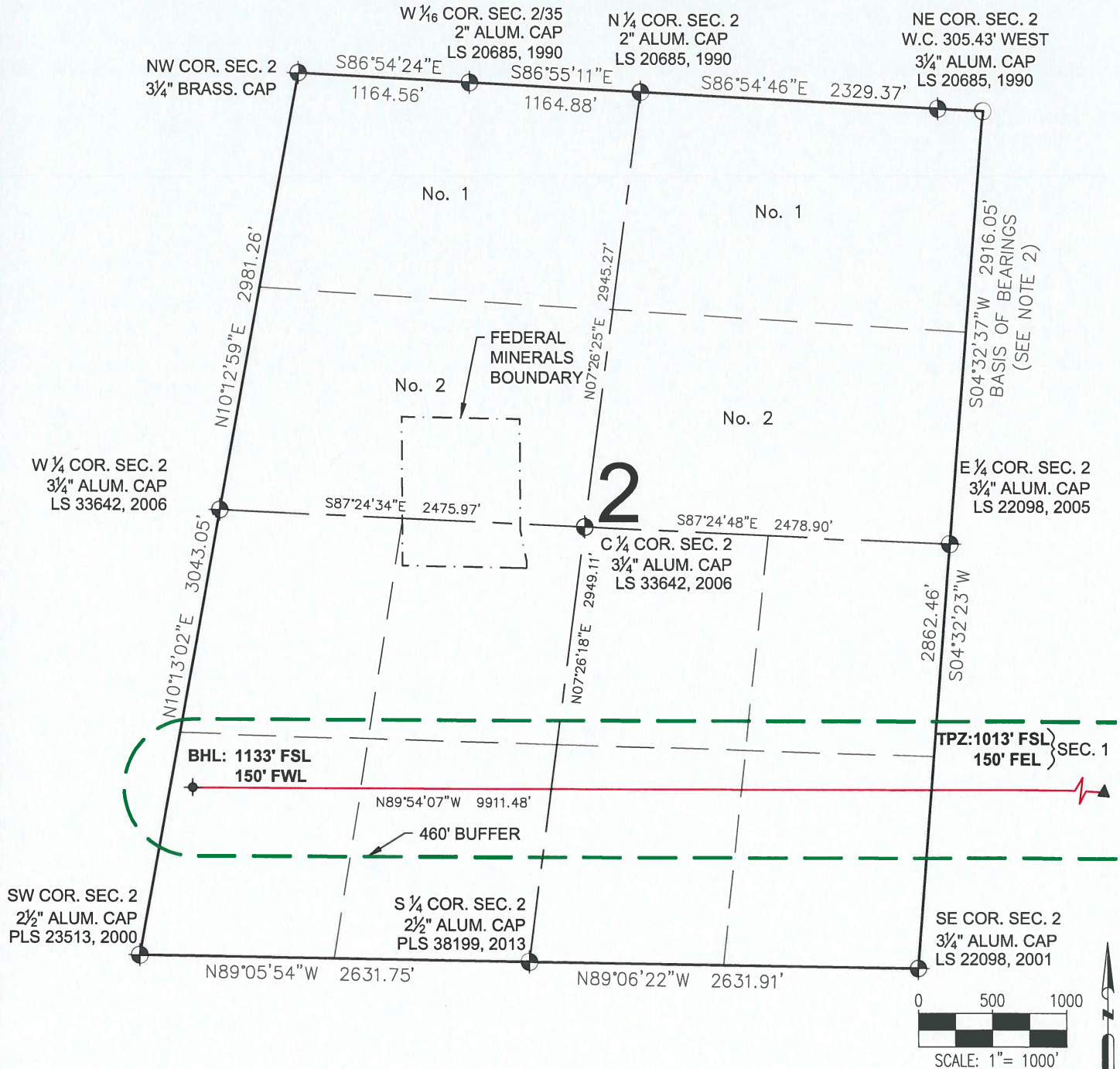
SE 1/4 SE 1/4 SEC. 1, T5N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:



SRC ENERGY

GREELEY-ROTHER FEDERAL 13C-2-L WELL LOCATION CERTIFICATE





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SHEET 2 OF 2

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	<p>FIELD DATE: 03-09-17</p> <p>DRAWING DATE: 08-18-17</p> <p>BY: CSG</p>	<p>WELL NAME: GREELEY-ROTHER FEDERAL 13C-2-L</p> <p>SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 1, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO</p>	<p>PREPARED FOR:</p>  <p>SRC ENERGY</p>
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