

# GREELEY-ROTHER 34C-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  
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'

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

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

S86°56'04"E 1164.84'  
S86°56'09"E 1164.70'

No. 1  
**SURFACE LOCATION:**  
GROUND ELEVATION=4873'  
NAD83  
LATITUDE:40.424142°  
LONGITUDE:-104.833502°

**TOP OF PRODUCTION ZONE:**  
NAD83  
LATITUDE:40.421987°  
LONGITUDE:-104.832958°  
No. 2  
**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.421756°  
LONGITUDE:-104.868074°

## CULTURAL DISTANCES:

**BUILDING:** ±1172' S  
**BUILDING UNIT:** ±1262' SE  
**HIGH OCCUPANCY BUILDING UNIT:** ±5280' SE  
**DESIGNATED OUTSIDE ACTIVITY AREA:** ±5280' SW  
**PUBLIC ROAD:** ±282' E  
**ABOVE GROUND UTILITY:** ±903' S  
**RAILROAD:** ±5280' NE  
**PROPERTY LINE:** ±294' E

No. 2 C 1/4 COR. SEC. 1  
3/4" ALUM. CAP  
LS 22098, 2005

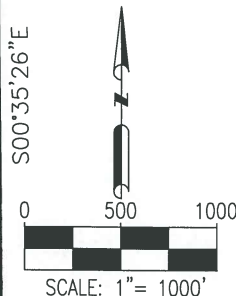
## NOTES:

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

1  
GREELEY-ROTHER 34C-2-L



BHL: 169' FSL  
460' FWL } SEC. 2

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

S89°28'56"W 9779.87'

S10°56'36"E  
799.87'

TPZ: 152' FSL  
150' FEL

1292.01'

1291.95'

S87°56'35"W 2583.85'

S87°56'48"W

S87°56'55"W

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:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. 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.
3. 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.
4. 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 34C-2-L TO BE LOCATED 943' 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 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



FIELD DATE:  
03-09-17

DRAWING DATE:  
08-08-17

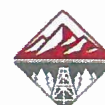
BY:  
RMC

CHECKED BY:  
KAD

WELL NAME:  
GREELEY-ROTHER 34C-2-L

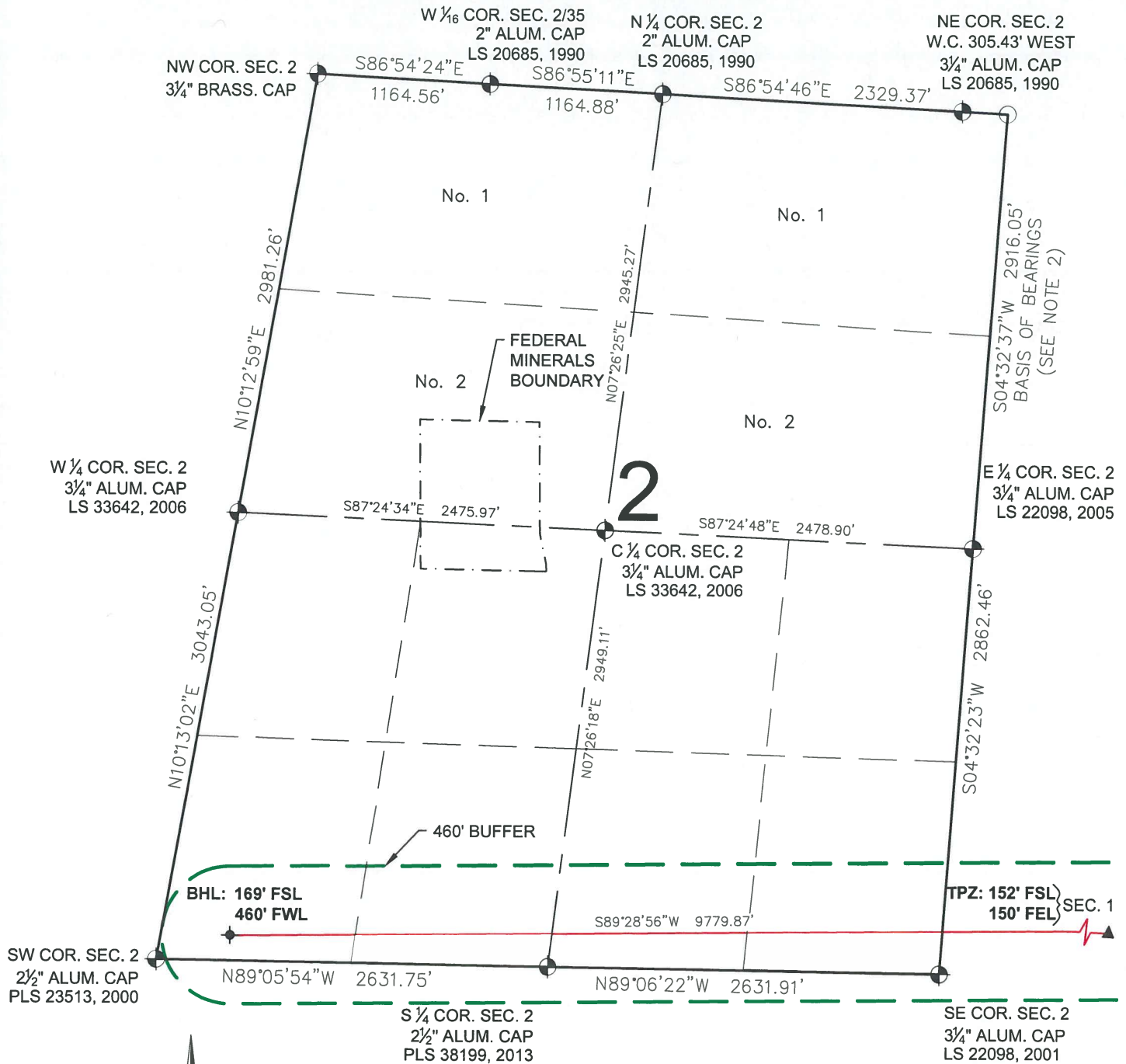
SURFACE LOCATION:  
SE 1/4 SE 1/4 SEC. 1, T5N, R67W, 6TH P.M.  
WELD COUNTY, COLORADO

PREPARED FOR:



SRC ENERGY

# GREELEY-ROTHE 34C-2-L WELL LOCATION CERTIFICATE



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SHEET 2 OF 2

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: <b>03-09-17</b> DRAWING DATE: <b>08-08-17</b> BY: <b>RMC</b> CHECKED BY: <b>KAD</b>	WELL NAME: <b>GREELEY-ROTHE 34C-2-L</b> SURFACE LOCATION: <b>SE 1/4 SE 1/4 SEC. 1, T5N, R67W, 6TH P.M.</b> <b>WELD COUNTY, COLORADO</b>	PREPARED FOR: 