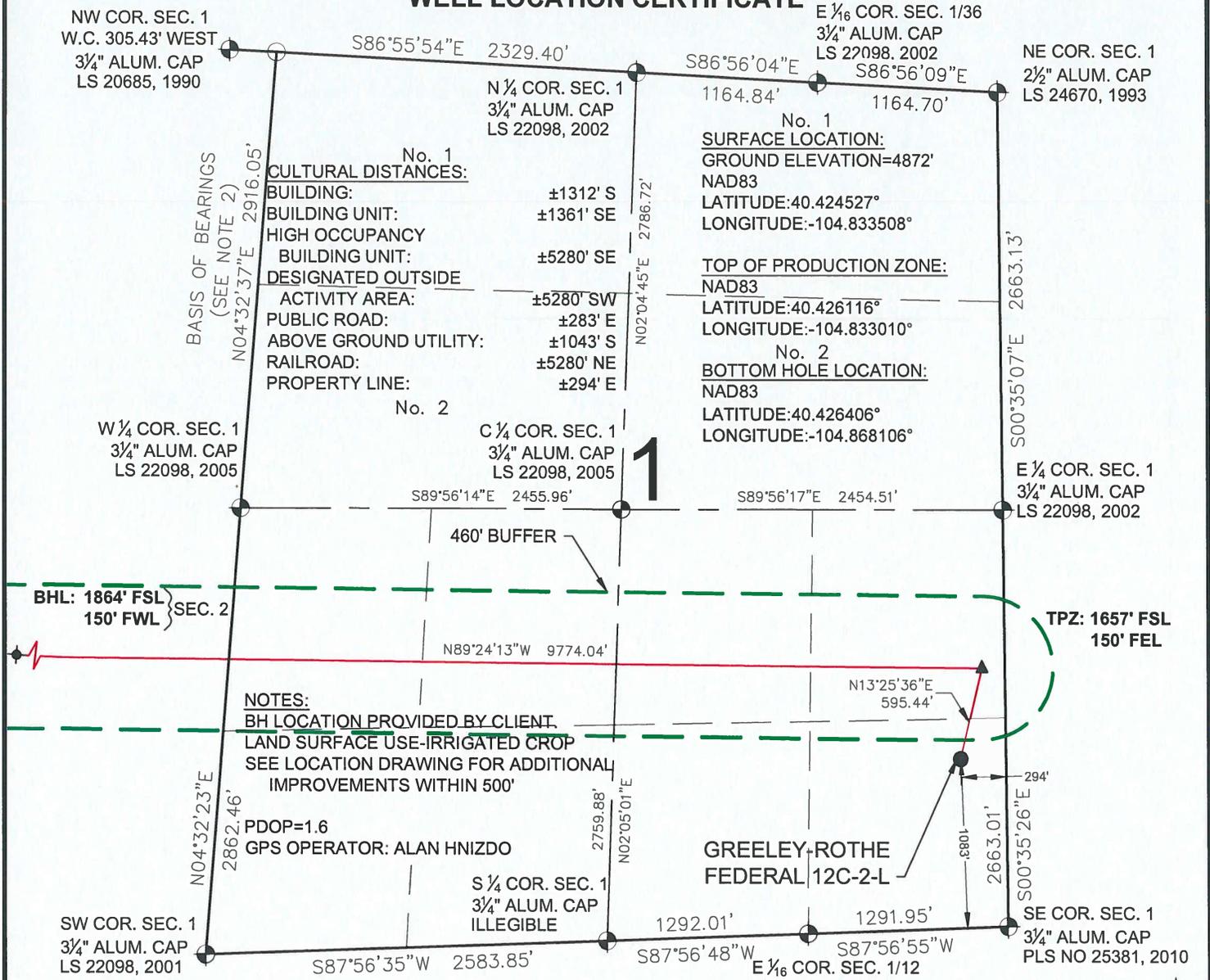


# GREELEY-ROTHE FEDERAL 12C-2-L WELL LOCATION CERTIFICATE



**No. 1 CULTURAL DISTANCES:**  
 BUILDING: ±1312' S  
 BUILDING UNIT: ±1361' SE  
 HIGH OCCUPANCY BUILDING UNIT: ±5280' SE  
 DESIGNATED OUTSIDE ACTIVITY AREA: ±5280' SW  
 PUBLIC ROAD: ±283' E  
 ABOVE GROUND UTILITY: ±1043' S  
 RAILROAD: ±5280' NE  
 PROPERTY LINE: ±294' E

**No. 1 SURFACE LOCATION:**  
 GROUND ELEVATION=4872'  
 NAD83  
 LATITUDE:40.424527°  
 LONGITUDE:-104.833508°

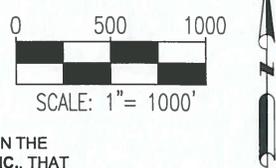
**TOP OF PRODUCTION ZONE:**  
 NAD83  
 LATITUDE:40.426116°  
 LONGITUDE:-104.833010°

**No. 2 BOTTOM HOLE LOCATION:**  
 NAD83  
 LATITUDE:40.426406°  
 LONGITUDE:-104.868106°

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

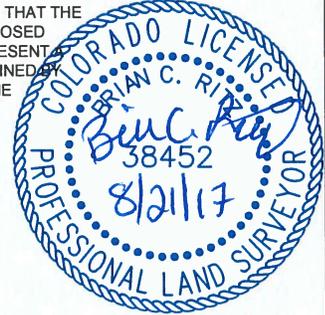
PDOP=1.6  
 GPS OPERATOR: ALAN HNIZDO

## WELL GREELEY-ROTHE FEDERAL 12C-2-L TO BE LOCATED 1083' 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 IN C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

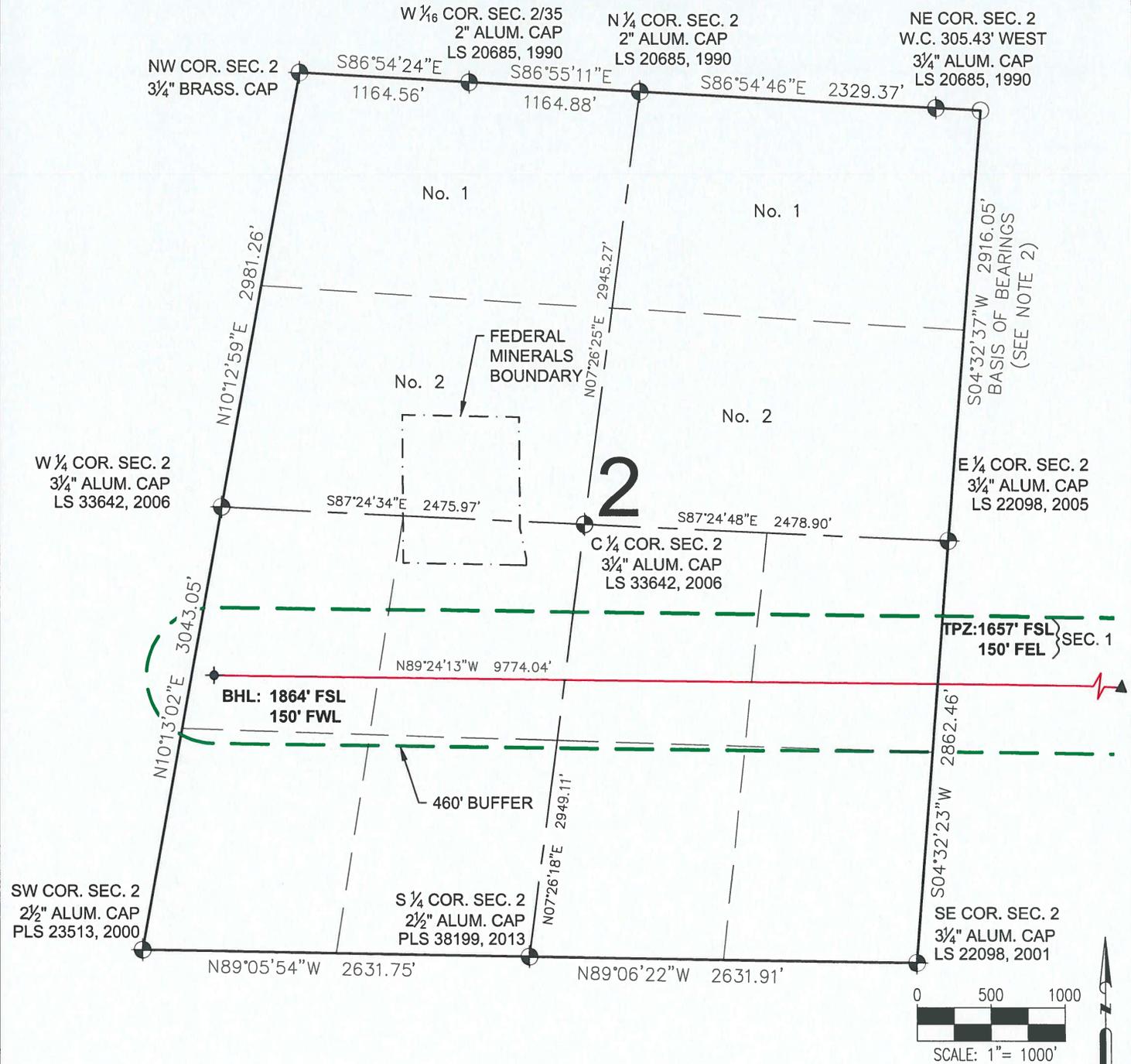


BRIAN C. RITZ, PLS 38452  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC  
 d.b.a. ASCENT GEOMATICS SOLUTIONS

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.

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatix.com	FIELD DATE: 03-09-17	WELL NAME: GREELEY-ROTHE FEDERAL 12C-2-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		

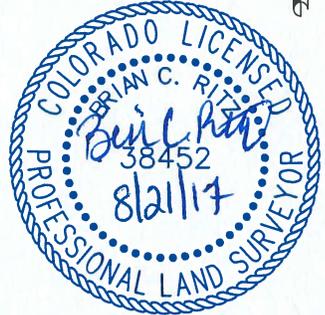
# GREELEY-ROTHER FEDERAL 12C-2-L WELL LOCATION CERTIFICATE



**LEGEND**

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

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 2 OF 2

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

FIELD DATE: <b>03-09-17</b>	WELL NAME: <b>GREELEY-ROTHER FEDERAL 12C-2-L</b>
DRAWING DATE: <b>08-18-17</b>	SURFACE LOCATION: <b>SE 1/4 SE 1/4 SEC. 1, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO</b>
BY: <b>CSG</b>	CHECKED BY: <b>KAD</b>

PREPARED FOR:

**SRC ENERGY**