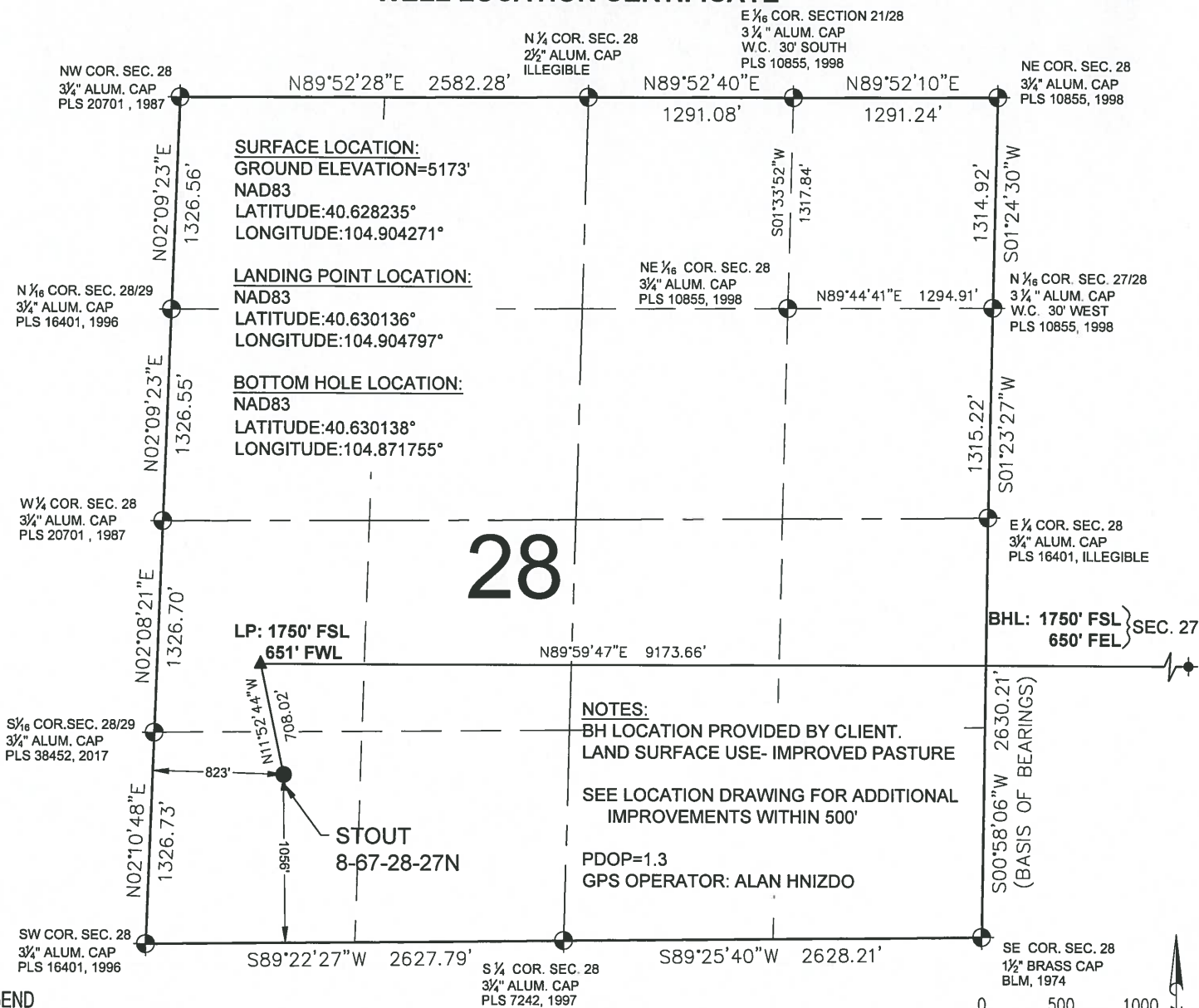


# STOUT 8-67-28-27N WELL LOCATION CERTIFICATE

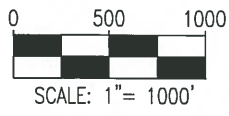


## 28

**NOTES:**  
 BH LOCATION PROVIDED BY CLIENT.  
 LAND SURFACE USE- IMPROVED PASTURE  
 SEE LOCATION DRAWING FOR ADDITIONAL IMPROVEMENTS WITHIN 500'  
 PDOP=1.3  
 GPS OPERATOR: ALAN HNIZDO

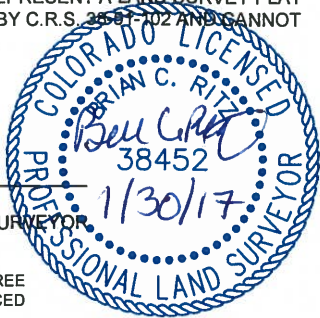
- LEGEND**
- = EXISTING MONUMENT
  - = CALCULATED POSITION
  - = PROPOSED WELL
  - ◆ = EXISTING WELL
  - ◆ = BOTTOM HOLE
  - ▲ = LANDING POINT
  - LP = LANDING POINT
  - BHL = BOTTOM HOLE LOCATION

**WELL STOUT 8-67-28-27N TO BE  
LOCATED 1056' FSL & 823' FWL**



- 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 EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 28, BEARS S00°58'06"W 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 40.654362°N AND A LONGITUDE OF 104.887025°W AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000253(EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
  - ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
  - 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 **ENERPLUS RESOURCES (USA) CORPORATION**, 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. 2008-7-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

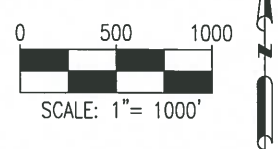
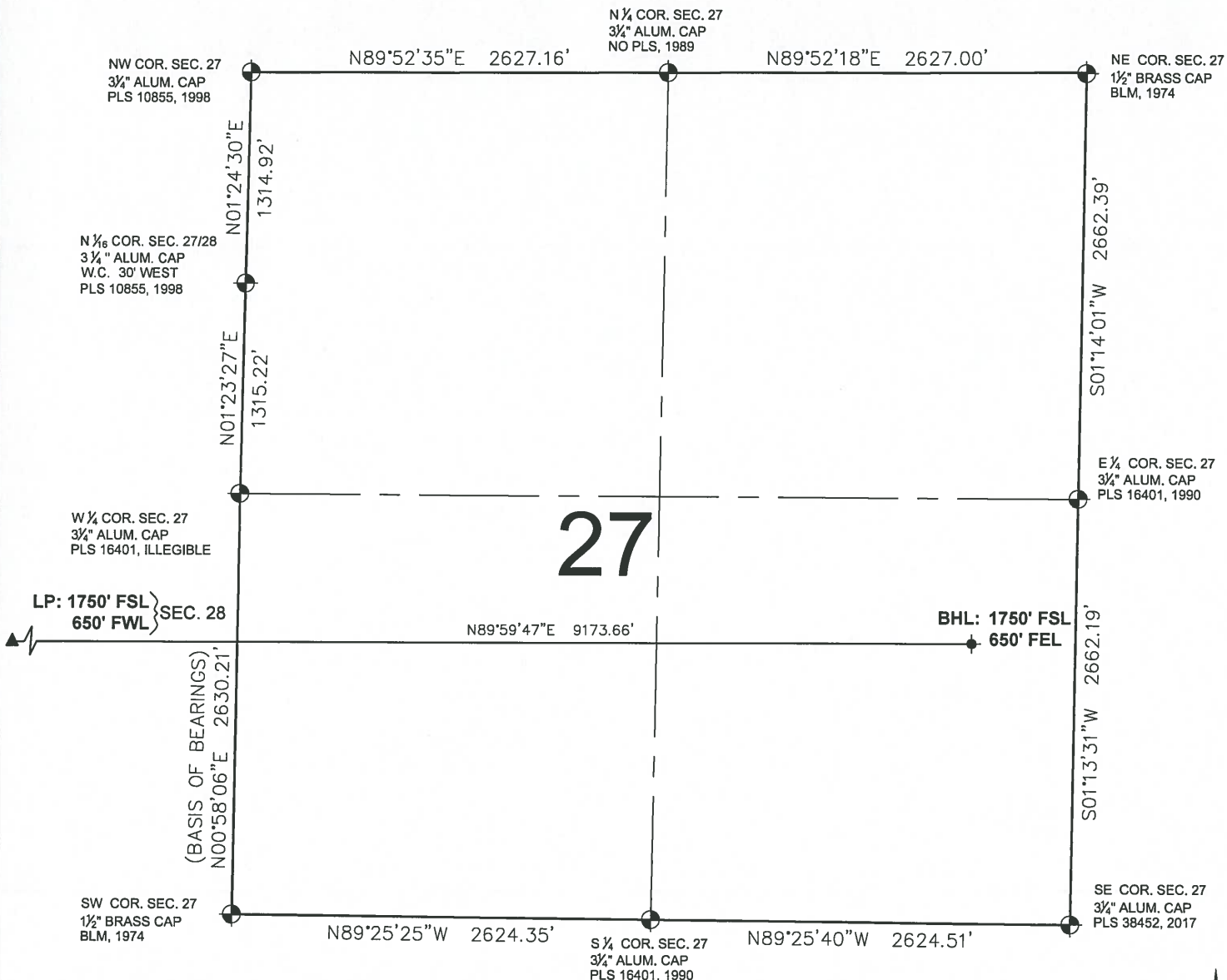


BRIAN C. RITZ, PLS 38452  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC

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.

PREPARED BY: 7555 Hilltop Circle Denver, CO 80221 (303) 926-7128 www.ascentgeomatics.com	FIELD DATE: 01-06-17 DRAWING DATE: 01-23-17 BY: MDC CHECKED BY: IJM	WELL NAME: STOUT 8-67-28-27N SURFACE LOCATION: SW 1/4 SW 1/4 SEC. 28, T8N, R67W, 6TH P.M. WELD COUNTY, COLORADO	PREPARED FOR: 
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# STOUT 8-67-28-27N WELL LOCATION CERTIFICATE



**LEGEND**

- ⊕ = EXISTING MONUMENT      ◆ = BOTTOM HOLE
- = CALCULATED POSITION    ▲ = LANDING POINT
- = PROPOSED WELL        LP = LANDING POINT
- ◆ = EXISTING WELL        BHL = BOTTOM HOLE LOCATION

BRIAN C. RITZ, PLS 38452  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

PREPARED BY: 7533 14th Ave Circle Denver, CO 80231 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 01-06-17	WELL NAME: STOUT 8-67-28-27N	PREPARED FOR: 
	DRAWING DATE: 01-23-17	SURFACE LOCATION: SW 1/4 SW 1/4 SEC. 28, T8N, R67W, 6TH P.M. WELD COUNTY, COLORADO	
BY: MDC	CHECKED BY: IJM		