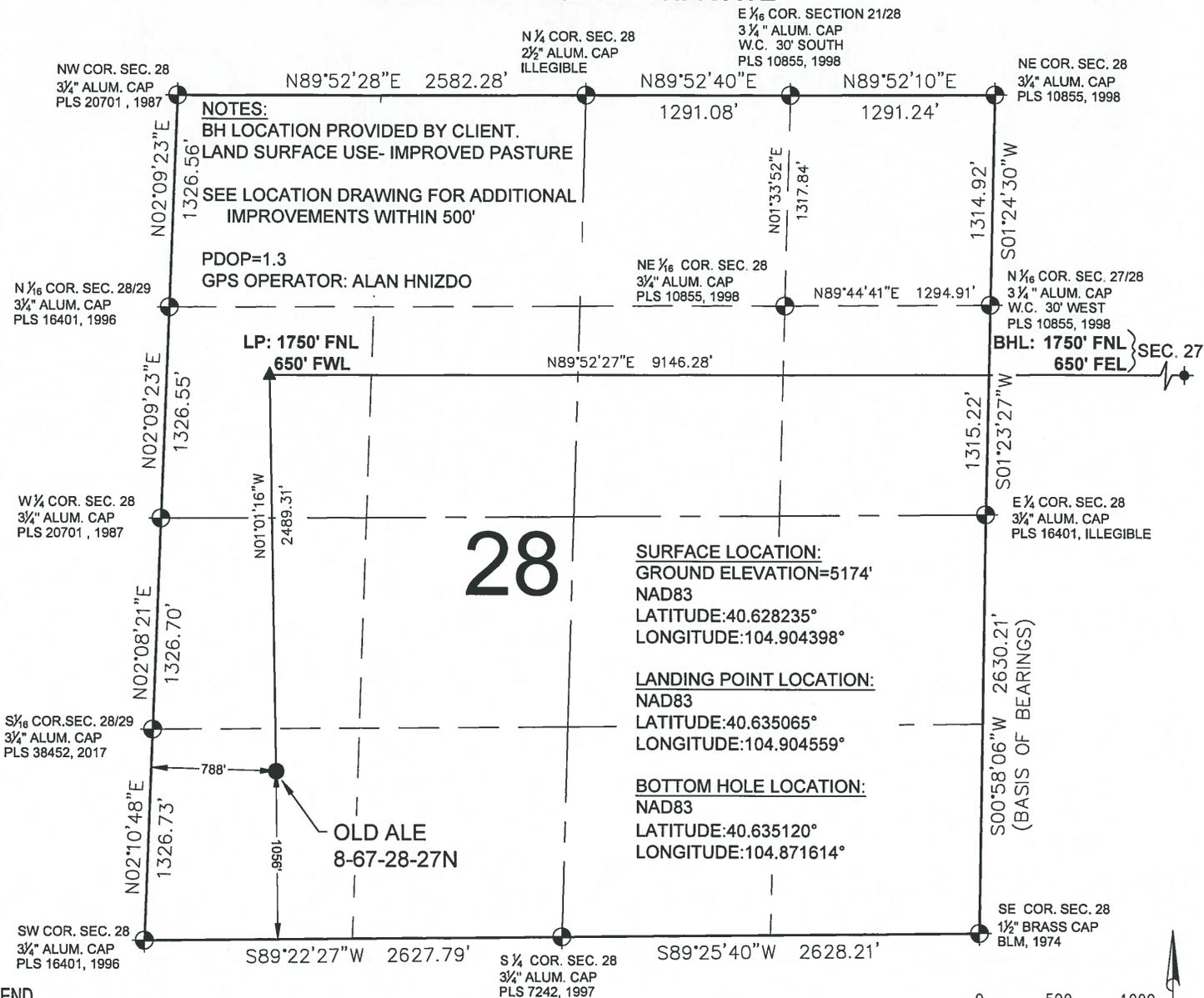


OLD ALE 8-67-28-27N WELL LOCATION CERTIFICATE



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

LP: 1750' FNL
650' FWL

BHL: 1750' FNL
650' FEL

28

SURFACE LOCATION:
GROUND ELEVATION=5174'
NAD83
LATITUDE:40.628235°
LONGITUDE:104.904398°

LANDING POINT LOCATION:
NAD83
LATITUDE:40.635065°
LONGITUDE:104.904559°

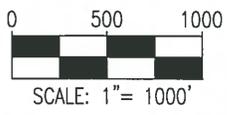
BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.635120°
LONGITUDE:104.871614°

**OLD ALE
8-67-28-27N**

LEGEND

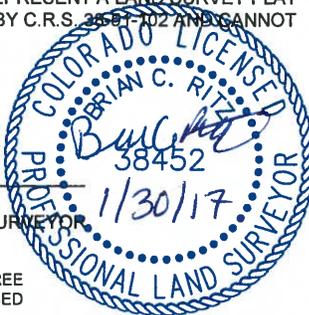
- = EXISTING MONUMENT ◆ = BOTTOM HOLE
- = CALCULATED POSITION ▲ = LANDING POINT
- = PROPOSED WELL LP = LANDING POINT
- ◆ = EXISTING WELL BHL = BOTTOM HOLE LOCATION

**WELL OLD ALE 8-67-28-27N TO BE
LOCATED 1056' FSL & 788' FWL**



- 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 EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 28, BEARS S00°58'06"W 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 40.654362°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.
 4. ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
 5. 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. 255-1-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

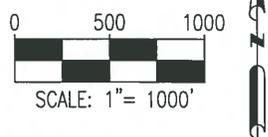
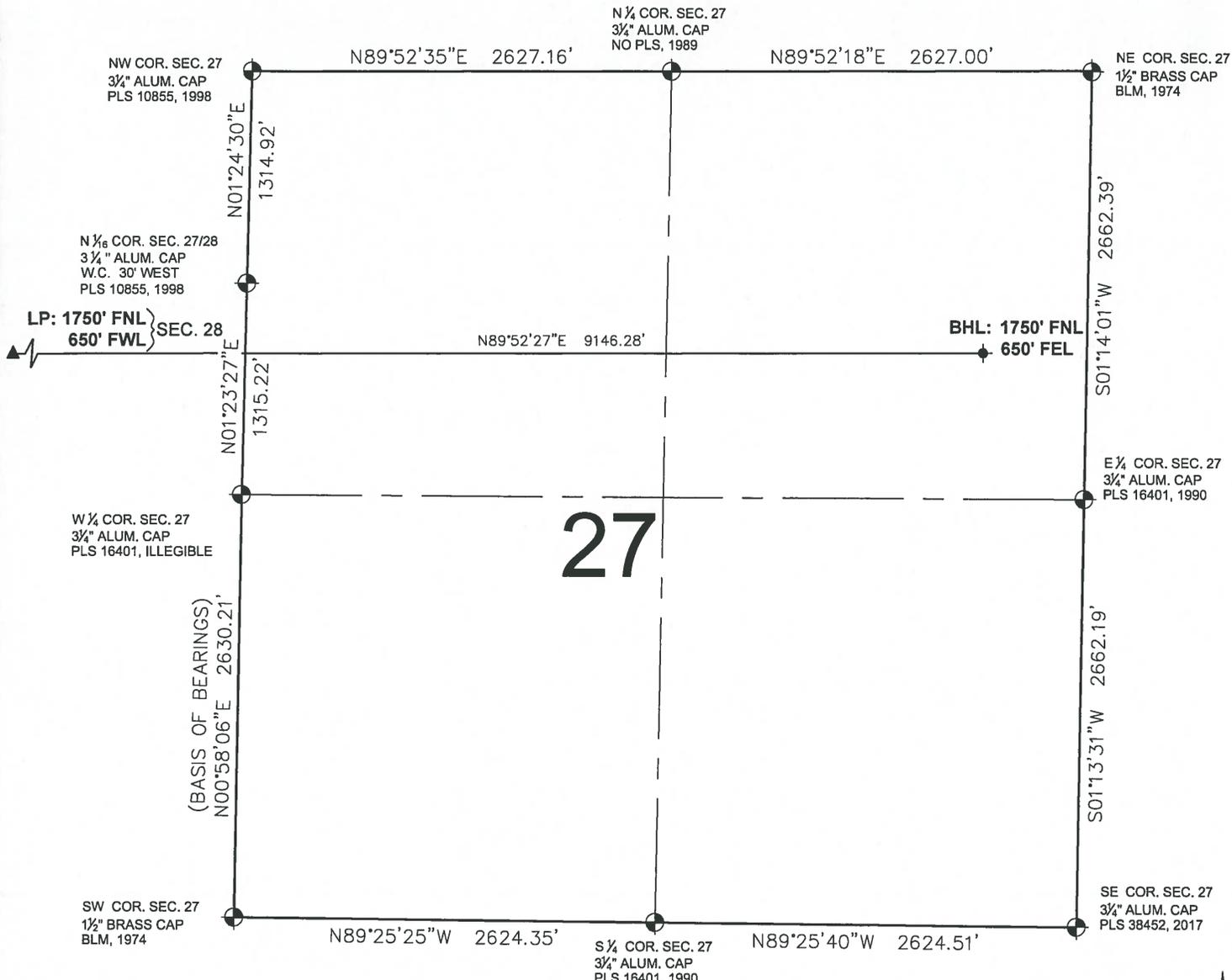


BRIAN C. RITZ, PLS 38452
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

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.

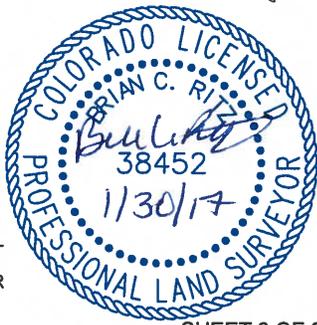
PREPARED BY: 7555 Hilltop Circle Denver, CO 80221 (303) 926-7128 www.ascentgeomatics.com	FIELD DATE: 01-06-17 DRAWING DATE: 01-23-17 BY: MDC CHECKED BY: IJM	WELL NAME: OLD ALE 8-67-28-27N SURFACE LOCATION: SW 1/4 SW 1/4 SEC. 28, T8N, R67W, 6TH P.M. WELD COUNTY, COLORADO	PREPARED FOR:
--	--	--	-------------------

OLD ALE 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: 7555 Hallock Circle Denver, CO 80221 (303) 918-7128 www.ascentsolutions.com	FIELD DATE: 01-06-17	WELL NAME: OLD ALE 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		