

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

E 1/4 COR. SECTION 21/28  
3 1/4" ALUM. CAP  
W.C. 30' SOUTH  
PLS 10855, 1998

N 1/4 COR. SEC. 28  
2 1/2" ALUM. CAP  
ILLEGIBLE

NW COR. SEC. 28  
3 1/4" ALUM. CAP  
PLS 20701, 1987

NE COR. SEC. 28  
3 1/4" ALUM. CAP  
PLS 10855, 1998

**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

N 1/4 COR. SEC. 28/29  
3 1/4" ALUM. CAP  
PLS 16401, 1996

NE 1/4 COR. SEC. 28  
3 1/4" ALUM. CAP  
PLS 10855, 1998

N 1/4 COR. SEC. 27/28  
3 1/4" ALUM. CAP  
W.C. 30' WEST  
PLS 10855, 1998

BHL: 1750' FNL  
650' FEL } SEC. 27

LP: 1750' FNL  
650' FWL

W 1/4 COR. SEC. 28  
3 1/4" ALUM. CAP  
PLS 20701, 1987

E 1/4 COR. SEC. 28  
3 1/4" ALUM. CAP  
PLS 16401, ILLEGIBLE

**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°

28

OLD ALE  
8-67-28-27N

## LEGEND

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

## NOTES:

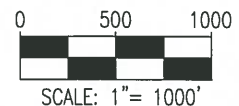
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE EAST LINE OF THE SOUTHEAST QUARTER OF SECTION 28, BEARS S00°58'06"W BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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.

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

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. 2008-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

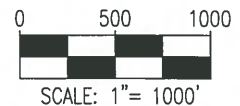
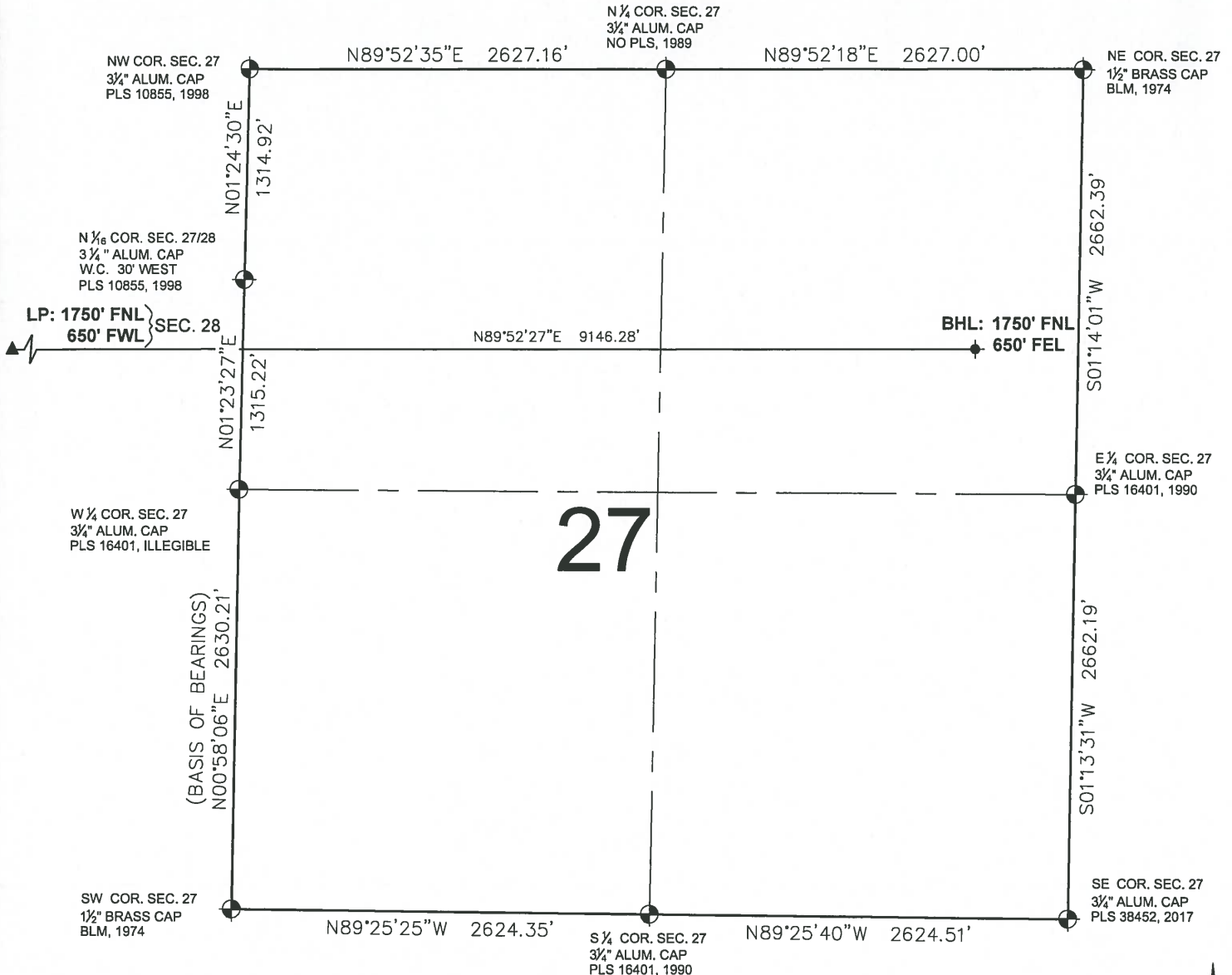
BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 2

PREPARED BY:  7535 Hukkap 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: 
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BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
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SHEET 2 OF 2

<b>PREPARED BY:</b>  7555 Hallock Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	<b>FIELD DATE:</b> 01-06-17	<b>WELL NAME:</b> OLD ALE 8-67-28-27N	<b>PREPARED FOR:</b> 
	<b>DRAWING DATE:</b> 01-23-17	<b>SURFACE LOCATION:</b> SW 1/4 SW 1/4 SEC. 28, T8N, R67W, 6TH P.M. WELD COUNTY, COLORADO	