

# SUDS 8-67-36-25C WELL LOCATION CERTIFICATE

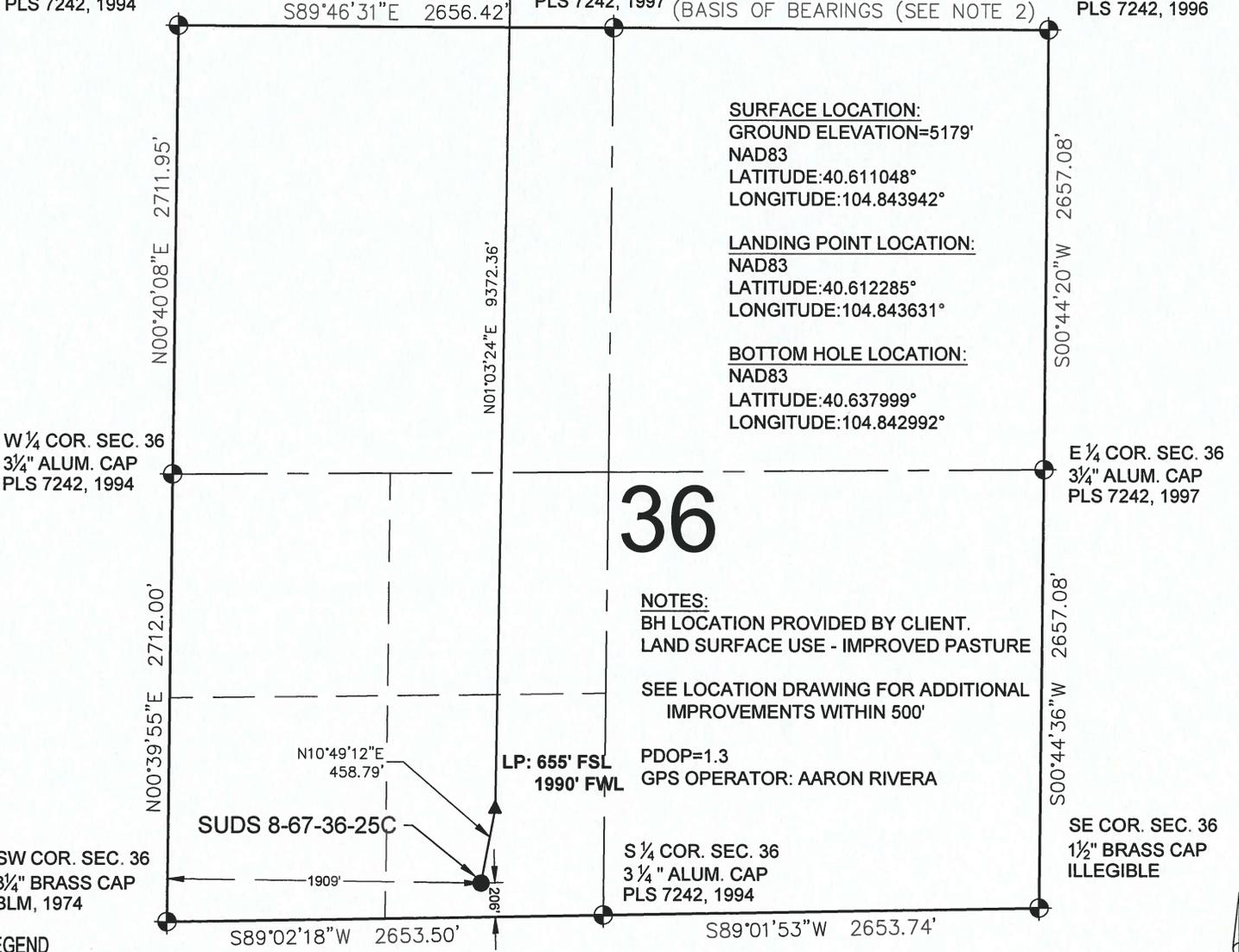
NW COR. SEC. 36  
3/4" ALUM. CAP  
PLS 7242, 1994

BHL: 650' FNL }  
1990' FWL } SEC. 25

N 1/4 COR. SEC. 36  
3/4" ALUM. CAP  
PLS 7242, 1997

S89°46'59"E 2655.69'  
(BASIS OF BEARINGS (SEE NOTE 2))

NE COR. SEC. 36  
3/4" ALUM. CAP  
PLS 7242, 1996



**SURFACE LOCATION:**  
GROUND ELEVATION=5179'  
NAD83  
LATITUDE:40.611048°  
LONGITUDE:104.843942°

**LANDING POINT LOCATION:**  
NAD83  
LATITUDE:40.612285°  
LONGITUDE:104.843631°

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.637999°  
LONGITUDE:104.842992°

## 36

**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE - IMPROVED PASTURE

SEE LOCATION DRAWING FOR ADDITIONAL IMPROVEMENTS WITHIN 500'

PDOP=1.3  
GPS OPERATOR: AARON RIVERA

LP: 655' FSL  
1990' FWL

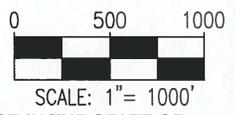
S 1/4 COR. SEC. 36  
3/4" ALUM. CAP  
PLS 7242, 1994

SE COR. SEC. 36  
1/2" BRASS CAP  
ILLEGIBLE

**LEGEND**

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

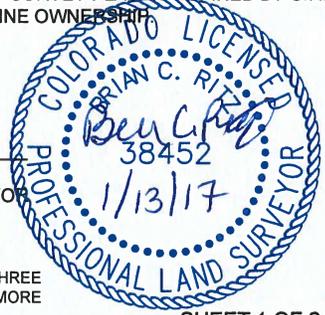
**WELL SUDS 8-67-36-25C TO BE LOCATED 206' FSL & 1909' FWL**



- 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 NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 36, BEARS S89°46'59"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 40.696542° AND A LONGITUDE OF -104.867306° AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000222(EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.4. 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. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

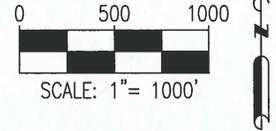
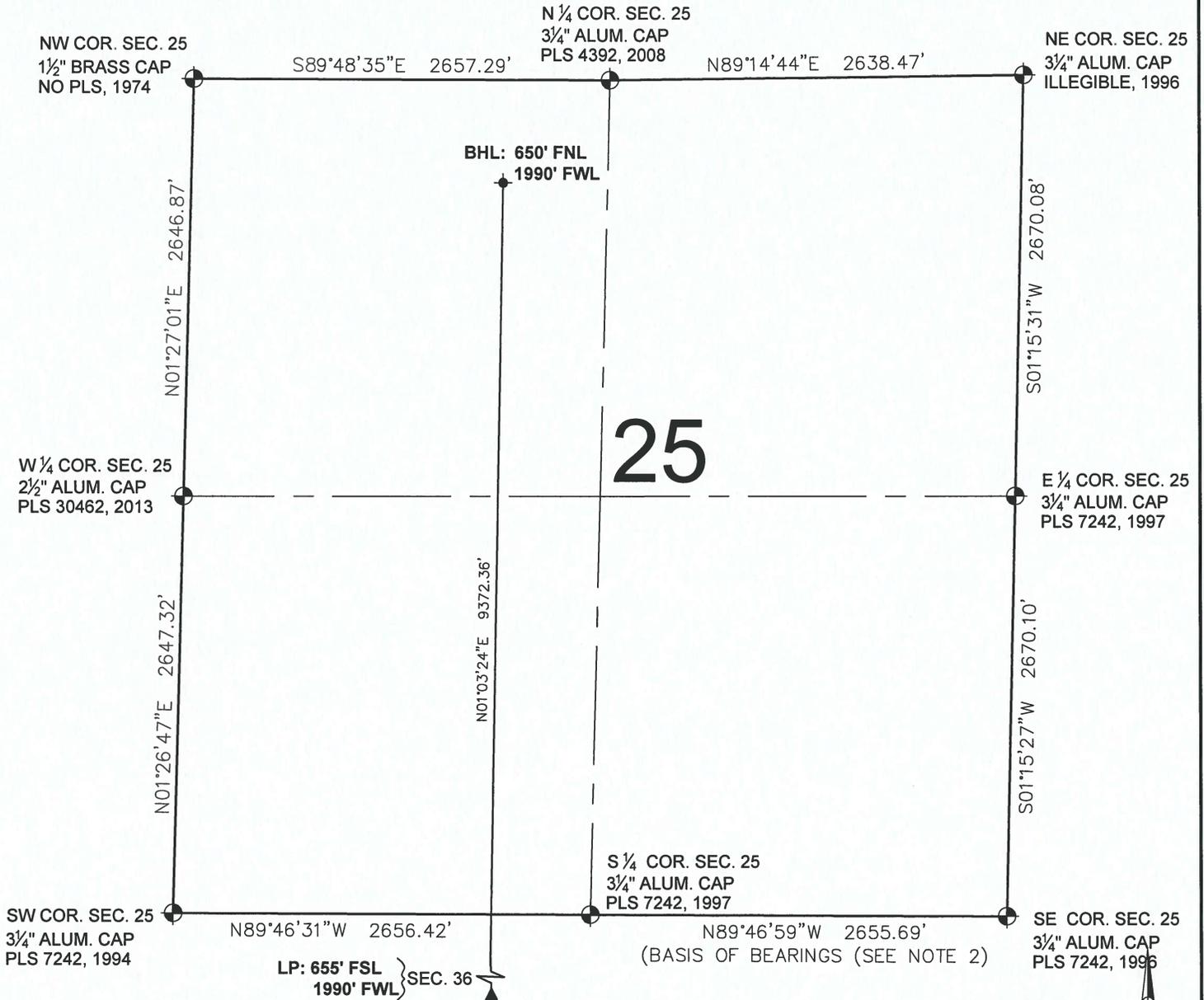
BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC



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	FIELD DATE: 12-29-16	WELL NAME: SUDS 8-67-36-25C	PREPARED FOR:
	DRAWING DATE: 01-09-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 36, T8N, R67W, 6TH P.M.	
	BY: MDC	CHECKED BY: KAD	

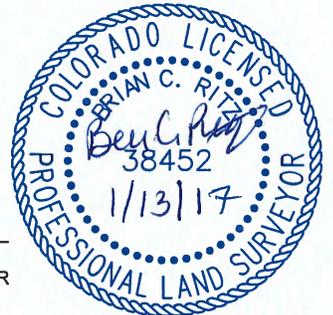
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BRIAN C. RITZ, PLS 38452  
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

PREPARED BY: 	FIELD DATE: <b>12-29-16</b> DRAWING DATE: <b>01-09-17</b>	WELL NAME: <b>SUDS 8-67-36-25C</b> SURFACE LOCATION: <b>SE 1/4 SW 1/4 SEC. 36, T8N, R67W, 6TH P.M.</b> <b>WELD COUNTY, COLORADO</b>	PREPARED FOR: 
7535 Hilltop Circle Denver, CO 80221	BY: <b>MDC</b>	CHECKED BY: <b>KAD</b>	