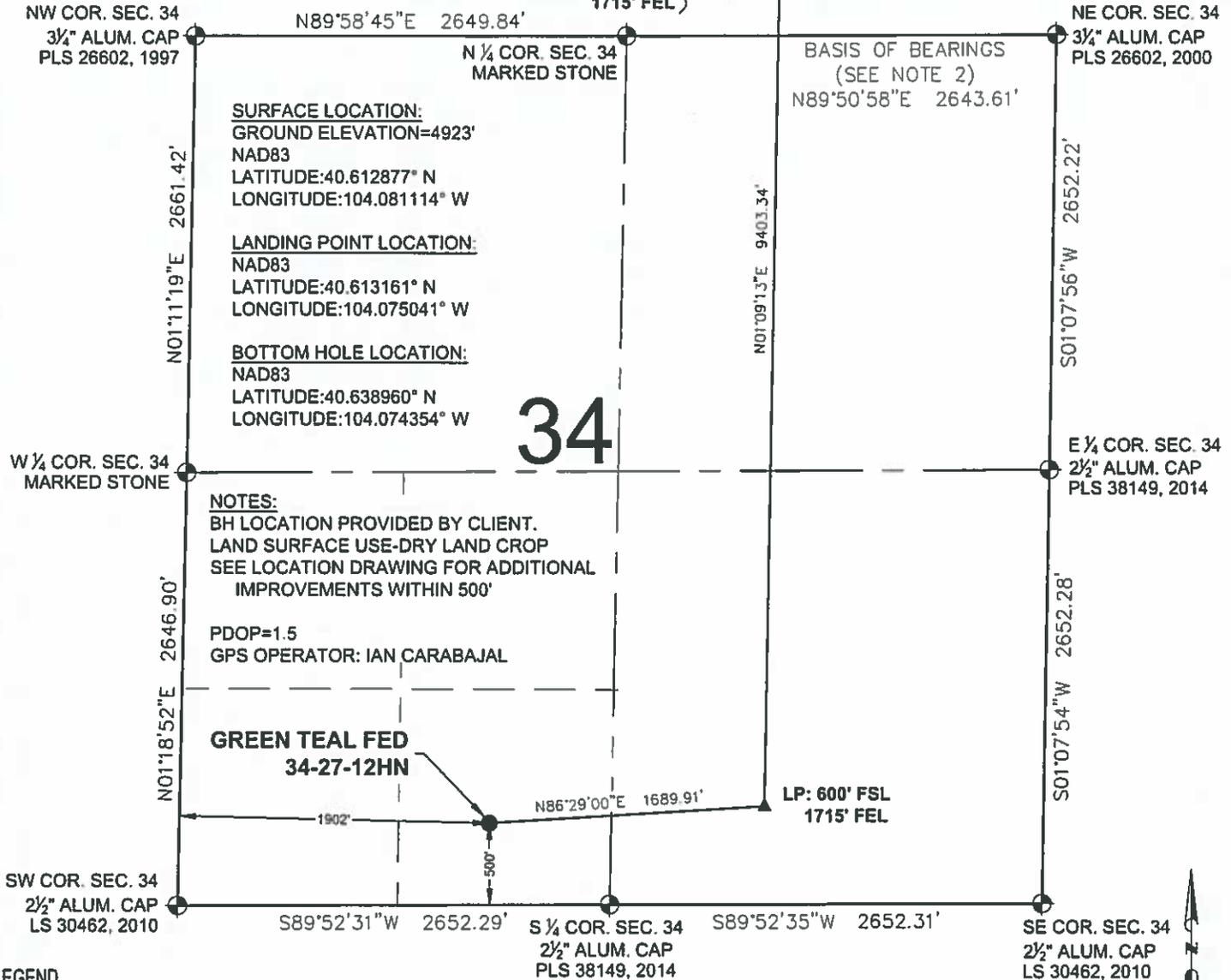


GREEN TEAL FED 34-27-12HN WELL LOCATION CERTIFICATE

BHL: 600' FNL
1715' FEL } SEC. 27



SURFACE LOCATION:
GROUND ELEVATION=4923'
NAD83
LATITUDE:40.612877° N
LONGITUDE:104.081114° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.613161° N
LONGITUDE:104.075041° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.638960° N
LONGITUDE:104.074354° W

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

PDOP=1.5
GPS OPERATOR: IAN CARABAJAL

**GREEN TEAL FED
34-27-12HN**

34

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

WELL GREEN TEAL FED 34-27-12HN TO BE LOCATED 500' FSL & 1902' 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 NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 34, BEARS N89°50'58"E 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 40.655085°N, A CENTRAL MERIDIAN LONGITUDE OF 104.086861°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000232 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
 4. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE.

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO MALLARD EXPLORATION, 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.



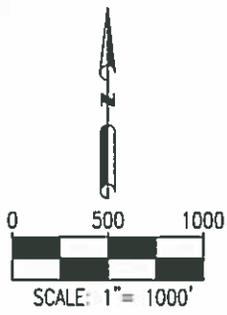
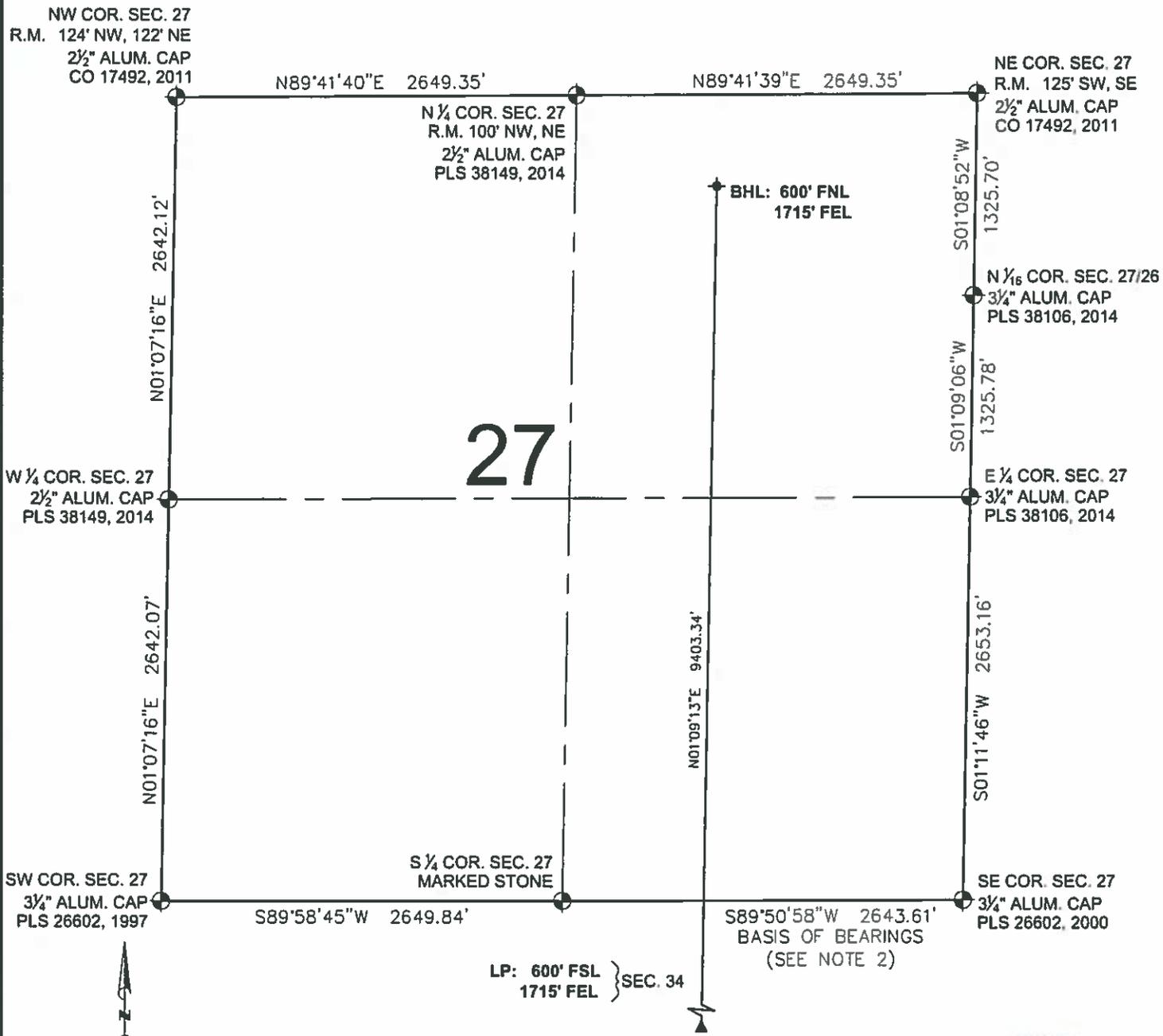
MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 2

	FIELD DATE: 08-23-17	WELL NAME: GREEN TEAL FED 34-27-12HN	PREPARED FOR:
	DRAWING DATE: 08-25-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
7535 H-dog Circle Oliver, CO 80221 (303) 928-7128 www.ascentsolutions.com	BY: SMF CHECKED: DJP		

GREEN TEAL FED 34-27-12HN WELL LOCATION CERTIFICATE

27



MICHAEL L. POOL, PLS 38304
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC

SHEET 2 OF 2

LEGEND

- ⊙ = EXISTING MONUMENT
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<p style="font-size: 8pt;">2535 N. Irap Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE 08-23-17	WELL NAME GREEN TEAL FED 34-27-12HN	PREPARED FOR
	DRAWING DATE 08-25-17	SURFACE LOCATION SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY SMF	CHECKED DJP		