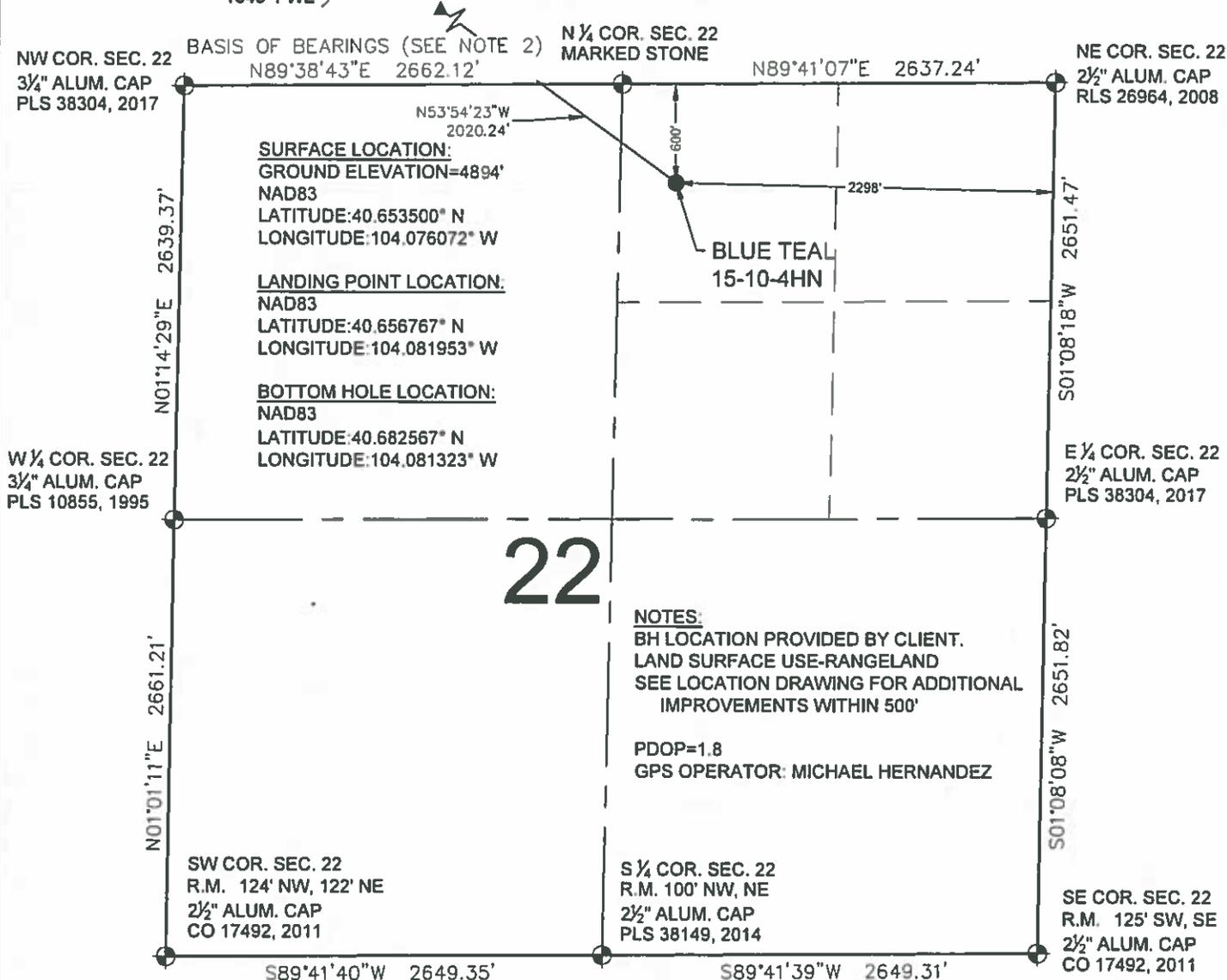


BLUE TEAL 15-10-4HN

LP: 600' FSL } SEC. 15 WELL LOCATION CERTIFICATE
 1345' FWL



SURFACE LOCATION:
 GROUND ELEVATION=4894'
 NAD83
 LATITUDE:40.653500° N
 LONGITUDE:104.076072° W

LANDING POINT LOCATION:
 NAD83
 LATITUDE:40.656767° N
 LONGITUDE:104.081953° W

BOTTOM HOLE LOCATION:
 NAD83
 LATITUDE:40.682567° N
 LONGITUDE:104.081323° W

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

 PDOP=1.8
 GPS OPERATOR: MICHAEL HERNANDEZ

LEGEND

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

WELL BLUE TEAL 15-10-4HN TO BE LOCATED 600' FNL & 2298' FEL

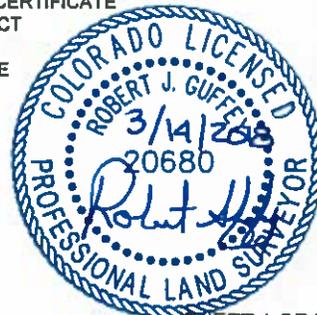


NOTES:

- 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 NORTHWEST QUARTER OF SECTION 22 BEARS N89°38'43"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 40.655085°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.
- 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.

I, ROBERT J. GUFFEY, 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.

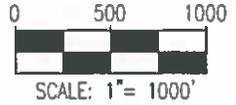
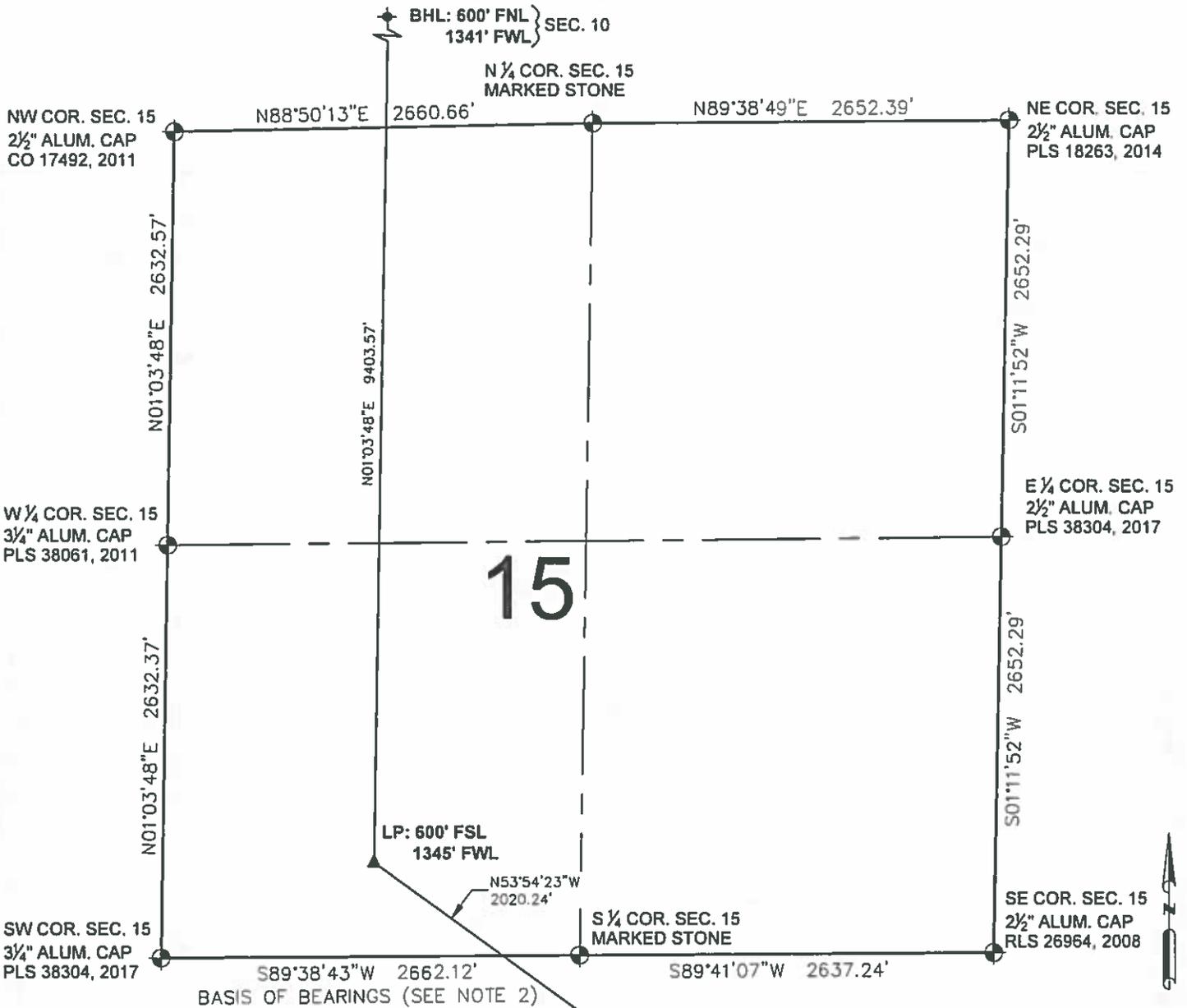


ROBERT J. GUFFEY, PLS 20680
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 3

<p>7535 Hilltop Circle Denver, CO 80229 (303) 978-7128 www.ascentgeomatics.com</p>	FIELD DATE: 08-22-17	WELL NAME: BLUE TEAL 15-10-4HN	PREPARED FOR
	DRAWING DATE: 03-13-18	SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY: SMF	CHECKED: CSG		

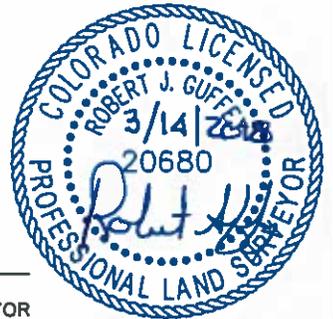
BLUE TEAL 15-10-4HN WELL LOCATION CERTIFICATE



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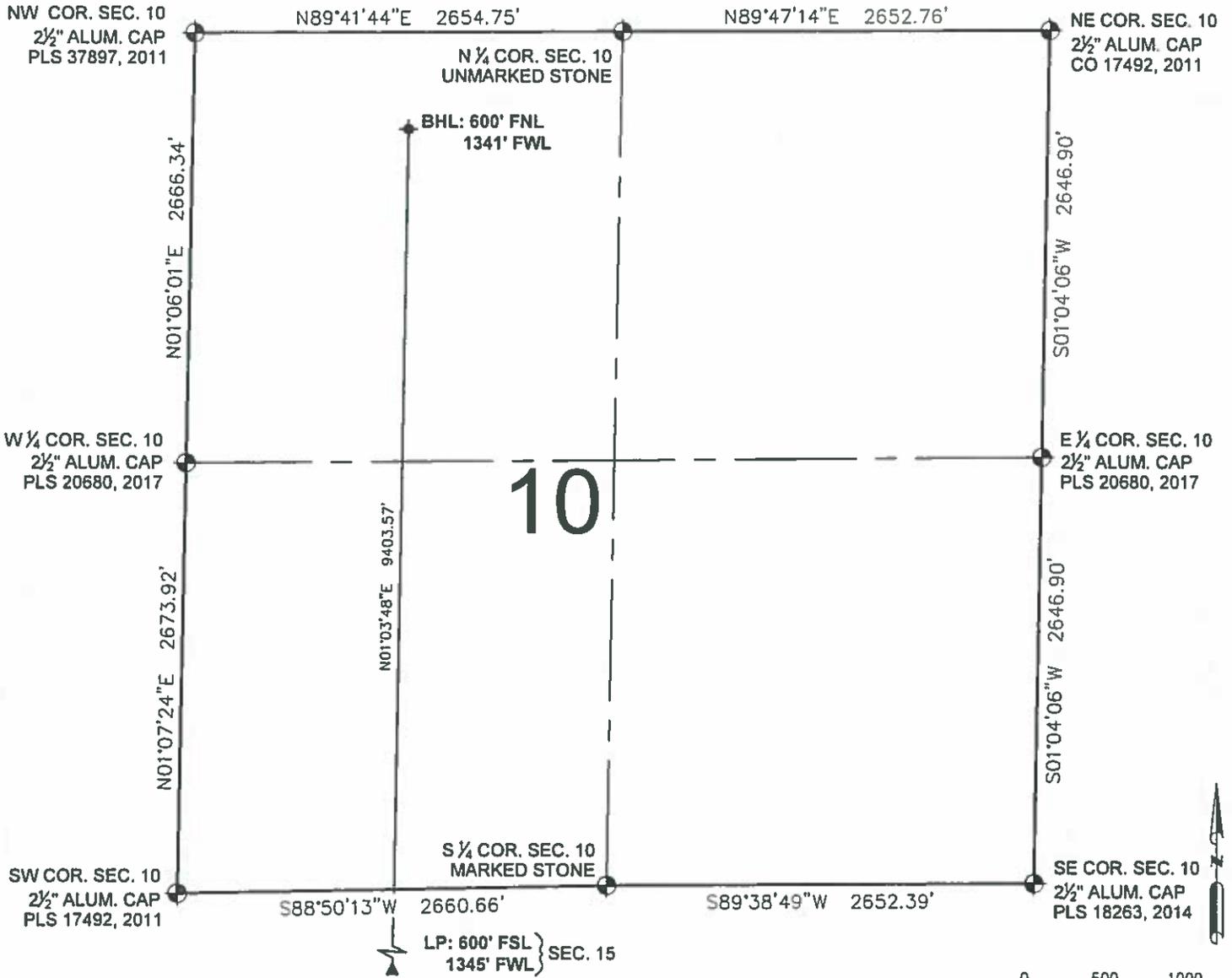
ROBERT J. GUFFEY, PLS 20680
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 3

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 970-7128 www.ascentsolutions.com</p>	FIELD DATE: 08-22-17	WELL NAME: BLUE TEAL 15-10-4HN	PREPARED FOR 
	DRAWING DATE: 03-13-18	SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY: SMF	CHECKED: CSG		

BLUE TEAL 15-10-4HN WELL LOCATION CERTIFICATE



LEGEND

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ROBERT J. GUFFEY, PLS 20680
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 3 OF 3

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascntgeom.com</p>	FIELD DATE: 08-22-17	WELL NAME: BLUE TEAL 15-10-4HN	PREPARED FOR
	DRAWING DATE: 03-13-18	SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY: SMF	CHECKED: CSG		