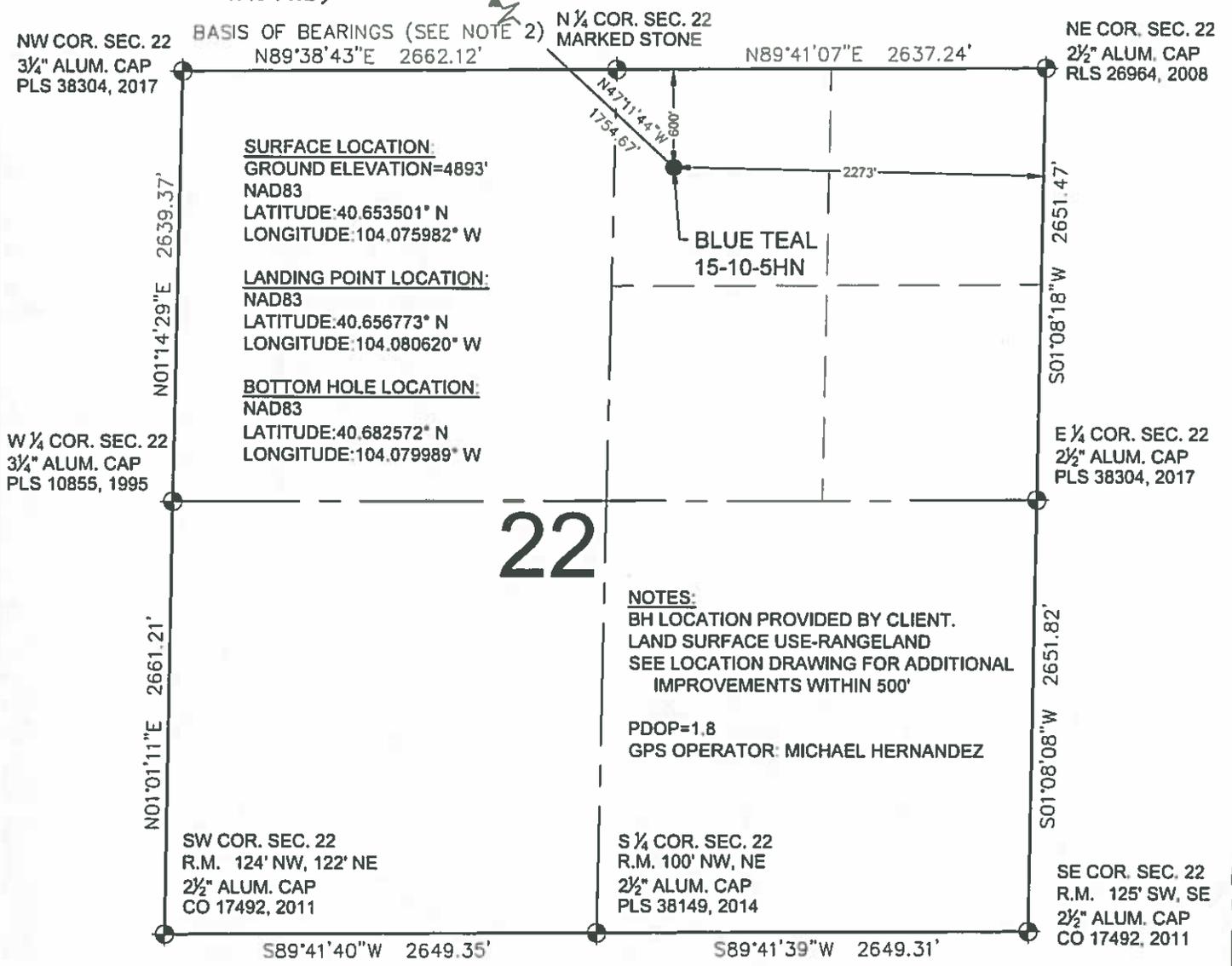


# BLUE TEAL 15-10-5HN WELL LOCATION CERTIFICATE

LP: 600' FSL  
1715' FWL } SEC. 15



**SURFACE LOCATION:**  
GROUND ELEVATION=4893'  
NAD83  
LATITUDE:40.653501° N  
LONGITUDE:104.075982° W

**LANDING POINT LOCATION:**  
NAD83  
LATITUDE:40.656773° N  
LONGITUDE:104.080620° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.682572° N  
LONGITUDE:104.079989° W

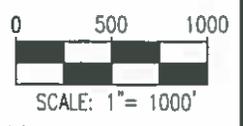
**NOTES:**  
BH LOCATION PROVIDED BY CLIENT.  
LAND SURFACE USE-RANGELAND  
SEE LOCATION DRAWING FOR ADDITIONAL  
IMPROVEMENTS WITHIN 500'

PDOP=1.8  
GPS OPERATOR: MICHAEL HERNANDEZ

**LEGEND**

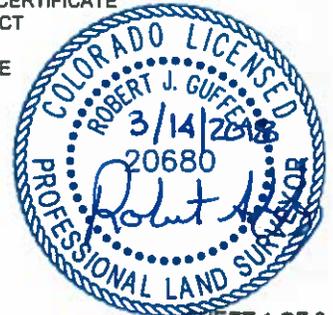
- = EXISTING MONUMENT    ▲ = LANDING POINT
- = PROPOSED WELL       LP = LANDING POINT
- ◆ = EXISTING WELL       BHL = BOTTOM HOLE LOCATION
- ◆ = BOTTOM HOLE

**WELL BLUE TEAL 15-10-5HN TO  
BE LOCATED 600' FNL & 2273' 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

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.



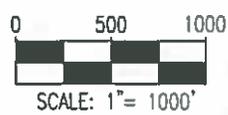
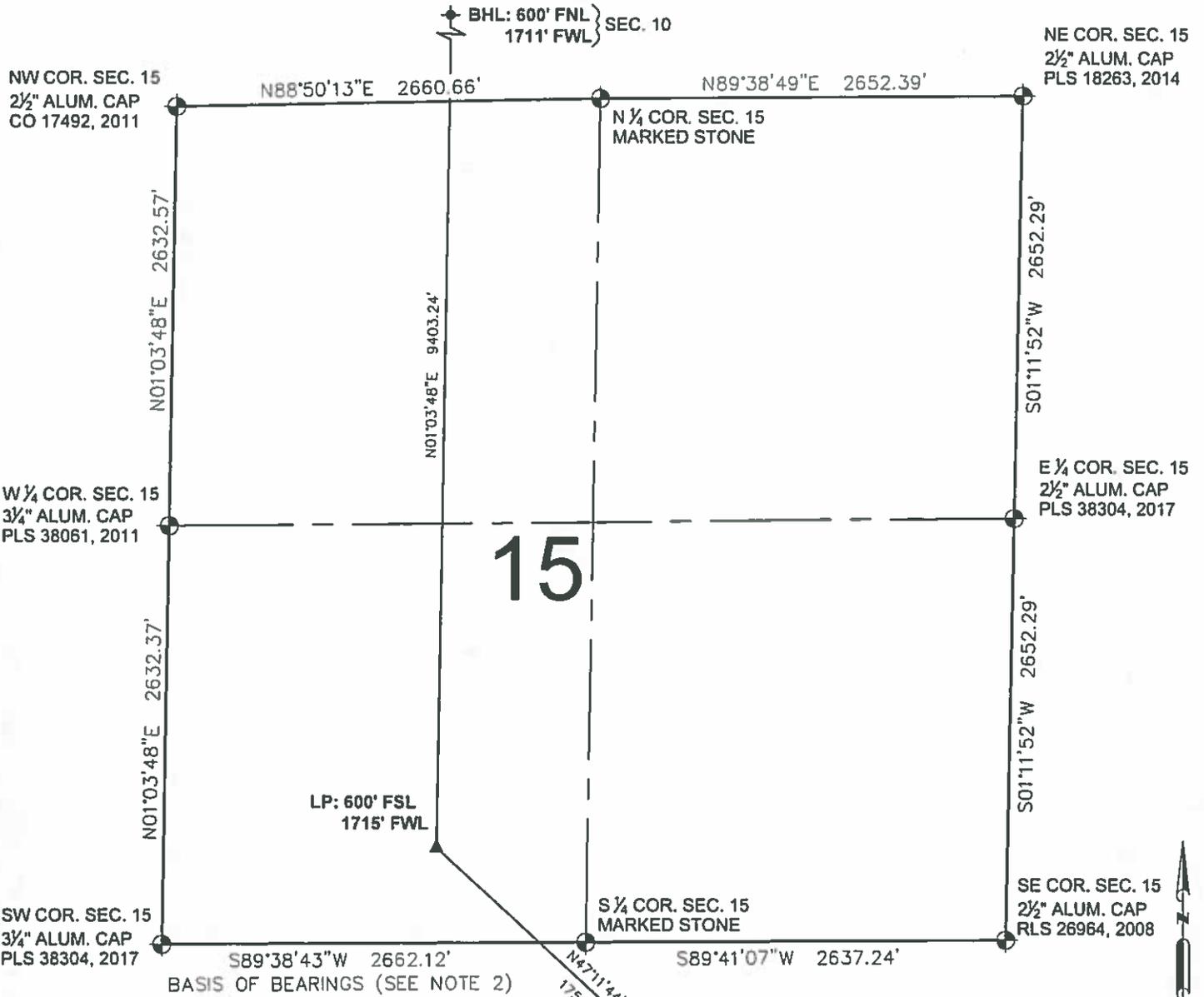
**NOTICE:** ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

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

SHEET 1 OF 3

 <p>7135 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: <b>08-19-17</b>	WELL NAME: <b>BLUE TEAL 15-10-5HN</b>	PREPARED FOR
	DRAWING DATE: <b>03-13-18</b>	SURFACE LOCATION: <b>NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO</b>	
BY: <b>SMF</b>	CHECKED: <b>CSG</b>		

# BLUE TEAL 15-10-5HN WELL LOCATION CERTIFICATE



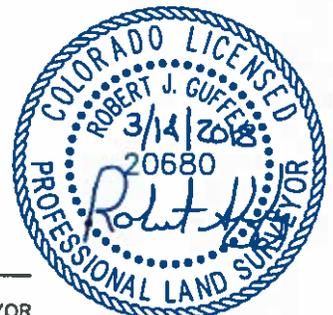
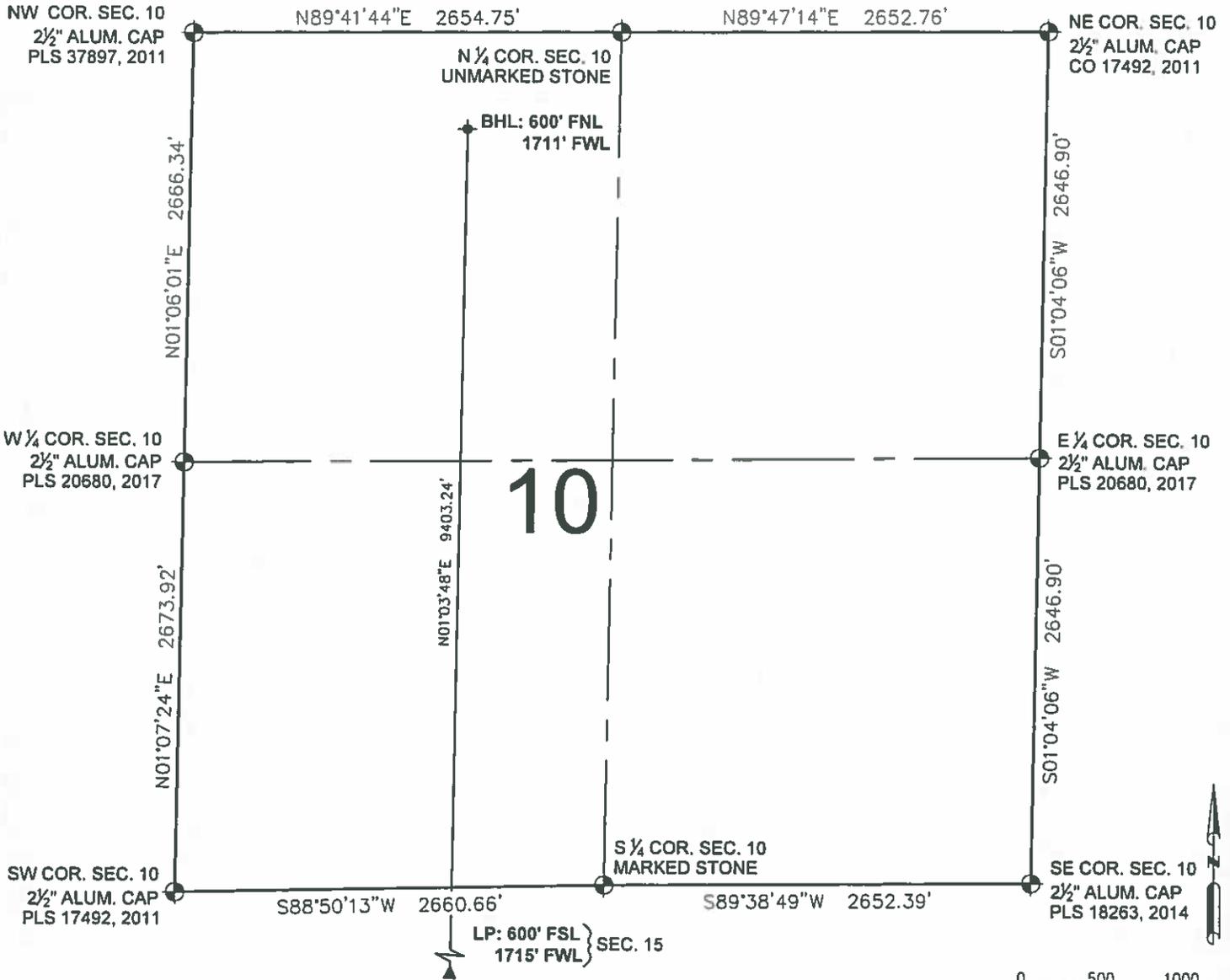
**LEGEND**

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- ⬆ = BOTTOM HOLE
- ▲ = LANDING POINT
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ROBERT J. GUFFEY, PLS 20680  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

<p style="font-size: 8px;">7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 08-19-17	WELL NAME: BLUE TEAL 15-10-5HN	PREPARED FOR 
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BY: SMF	CHECKED: CSG		

# BLUE TEAL 15-10-5HN WELL LOCATION CERTIFICATE



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SHEET 3 OF 3

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 08-19-17	WELL NAME: BLUE TEAL 15-10-5HN	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	
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