

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

LP: 600' FSL  
2085' FEL } SEC. 15

NW COR. SEC. 22  
3/4" ALUM. CAP  
PLS 38304, 2017

BASIS OF BEARINGS (SEE NOTE 2)  
N89°38'43"E 2662.12'

N89°41'07"E 2637.24'

NE COR. SEC. 22  
2 1/2" ALUM. CAP  
RLS 26964, 2008

N 1/4 COR. SEC. 22  
MARKED STONE

**SURFACE LOCATION:**  
GROUND ELEVATION=4892'  
NAD83  
LATITUDE:40.653503° N  
LONGITUDE:104.075531° W

**LANDING POINT LOCATION:**  
NAD83  
LATITUDE:40.656797° N  
LONGITUDE:104.075217° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.682592° N  
LONGITUDE:104.074504° W

BLUE TEAL  
FED 15-10-10HN

22

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

PDOP=2.2  
GPS OPERATOR: MICHAEL HERNANDEZ

W 1/4 COR. SEC. 22  
3/4" ALUM. CAP  
PLS 10855, 1995

E 1/4 COR. SEC. 22  
2 1/2" ALUM. CAP  
PLS 38304, 2017

SW COR. SEC. 22  
R.M. 124' NW, 122' NE  
2 1/2" ALUM. CAP  
CO 17492, 2011

S 1/4 COR. SEC. 22  
R.M. 100' NW, NE  
2 1/2" ALUM. CAP  
PLS 38149, 2014

SE COR. SEC. 22  
R.M. 125' SW, SE  
2 1/2" ALUM. CAP  
CO 17492, 2011

S89°41'40"W 2649.35'

S89°41'39"W 2649.31'

## LEGEND

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- ▲ = 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 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.

## WELL BLUE TEAL FED 15-10-10HN TO BE LOCATED 600' FNL & 2148' FEL



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

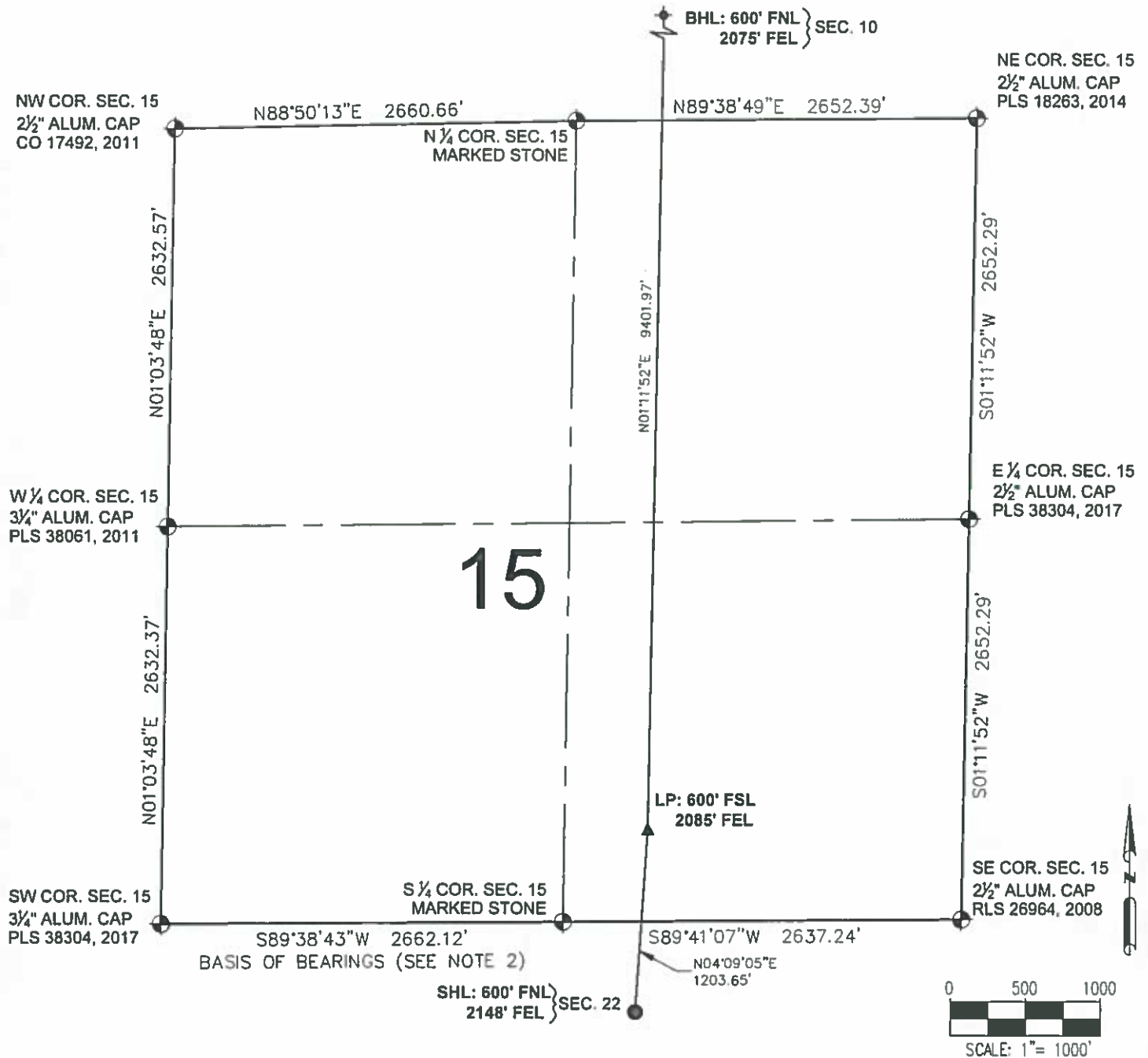
0 500 1000  
SCALE: 1"= 1000'



SHEET 1 OF 3

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 08-22-17	WELL NAME: BLUE TEAL FED 15-10-10HN	PREPARED FOR  <p>MALLARD EXPLORATION</p>
	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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SHEET 2 OF 3



7535 Hilltop Circle  
Denver, CO 80221  
(303) 928-7128  
www.ascentsolutions.com

FIELD DATE  
08-22-17

DRAWING DATE  
03-13-18

BY  
SMF

CHECKED  
CSG

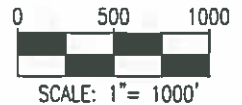
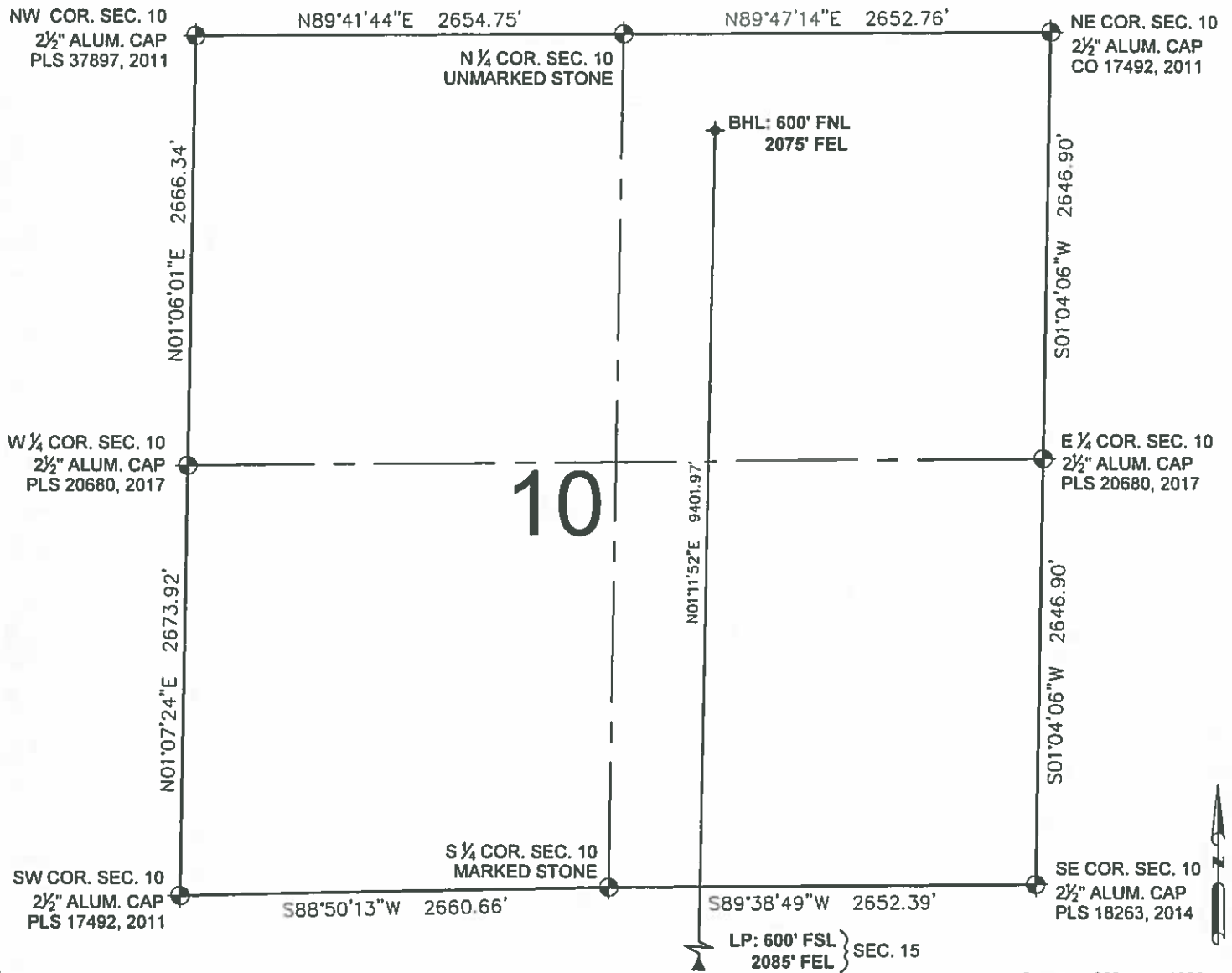
WELL NAME  
BLUE TEAL FED 15-10-10HN

SURFACE LOCATION  
NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M.  
WELD COUNTY, COLORADO

PREPARED FOR



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SHEET 3 OF 3



7535 Hilltop Circle  
Denver, CO 80221  
(303) 924-7124  
www.ascentgeomatics.com

FIELD DATE:  
08-22-17

DRAWING DATE:  
03-13-18

BY:  
SMF

CHECKED:  
CSG

WELL NAME:  
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