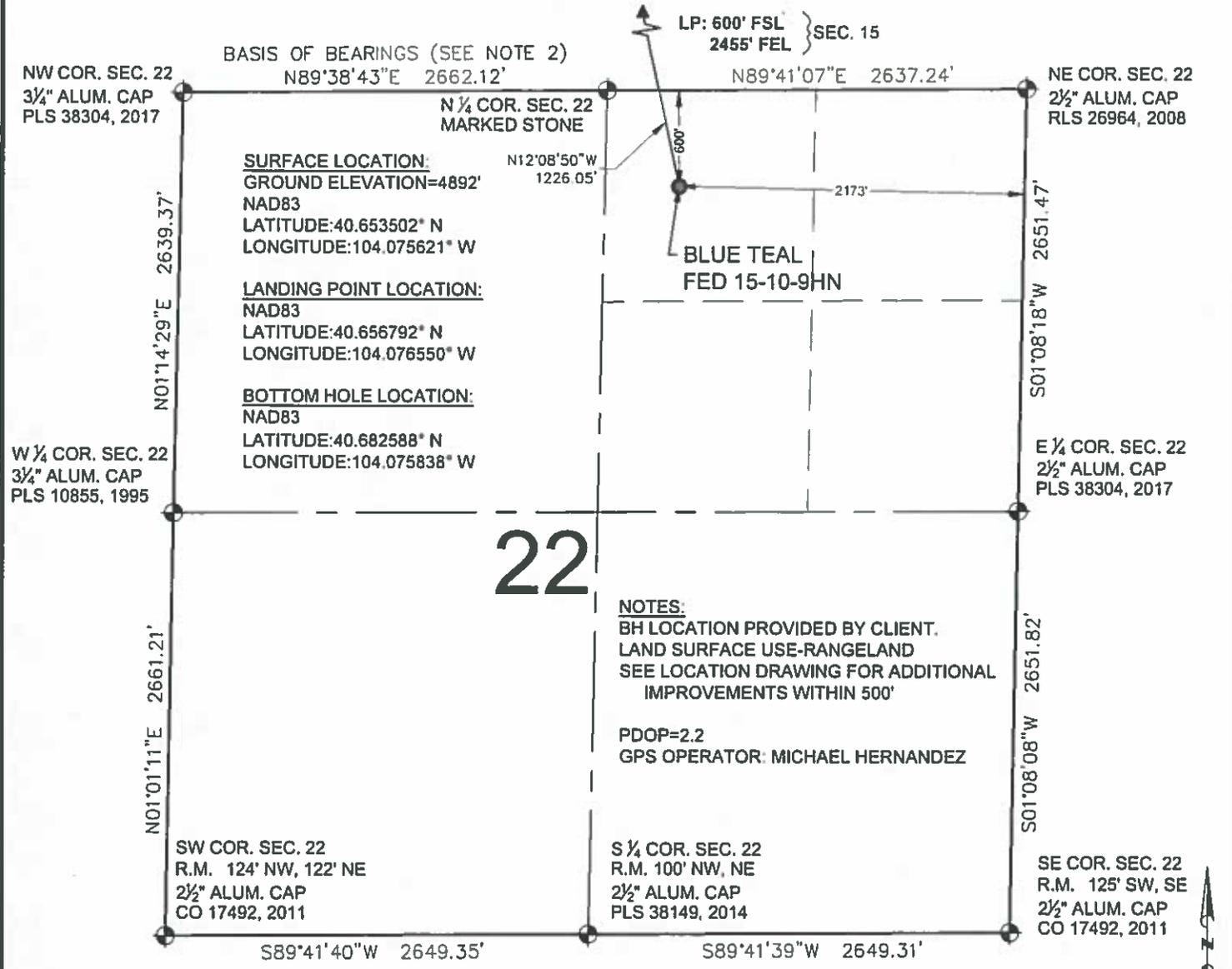


BLUE TEAL FED 15-10-9HN WELL LOCATION CERTIFICATE



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

LEGEND

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

NOTES

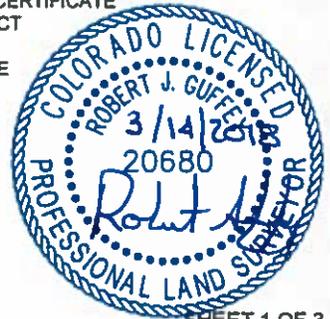
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C O G C C , RULE NO. 215
2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15, BEARS N89°38'49"E BETWEEN THE MONUMENTS SHOWN HEREON.
3. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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.

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 15-10-9HN TO
BE LOCATED 600' FNL & 2173' 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



SHEET 1 OF 3

 2935 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 08-22-17	WELL NAME: BLUE TEAL FED 15-10-9HN	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 FED 15-10-9HN WELL LOCATION CERTIFICATE

BHL: 600' FNL } SEC. 10
2445' FEL

NW COR. SEC. 15
2½" ALUM. CAP
CO 17492, 2011

N88°50'13"E 2660.66'

N89°38'49"E 2652.39'

NE COR. SEC. 15
2½" ALUM. CAP
PLS 18263, 2014

N ¼ COR. SEC. 15
MARKED STONE

N01°03'48"E 2632.57'

N01°11'52"E 9402.63'

S01°11'52"W 2652.29'

W ¼ COR. SEC. 15
3¾" ALUM. CAP
PLS 38061, 2011

E ¼ COR. SEC. 15
2½" ALUM. CAP
PLS 38304, 2017

15

N01°03'48"E 2632.37'

S01°11'52"W 2652.29'

SW COR. SEC. 15
3¾" ALUM. CAP
PLS 38304, 2017

S ¼ COR. SEC. 15
MARKED STONE

SE COR. SEC. 15
2½" ALUM. CAP
RLS 26964, 2008

S89°38'43"W 2662.12'
BASIS OF BEARINGS (SEE NOTE 2)

S89°41'07"W 2637.24'

N12°08'50"W
1226.05'

SHL: 600' FNL } SEC. 22
2173' FEL

LP: 600' FSL
2455' FEL



SCALE: 1" = 1000'



LEGEND

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

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



SHEET 2 OF 3

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

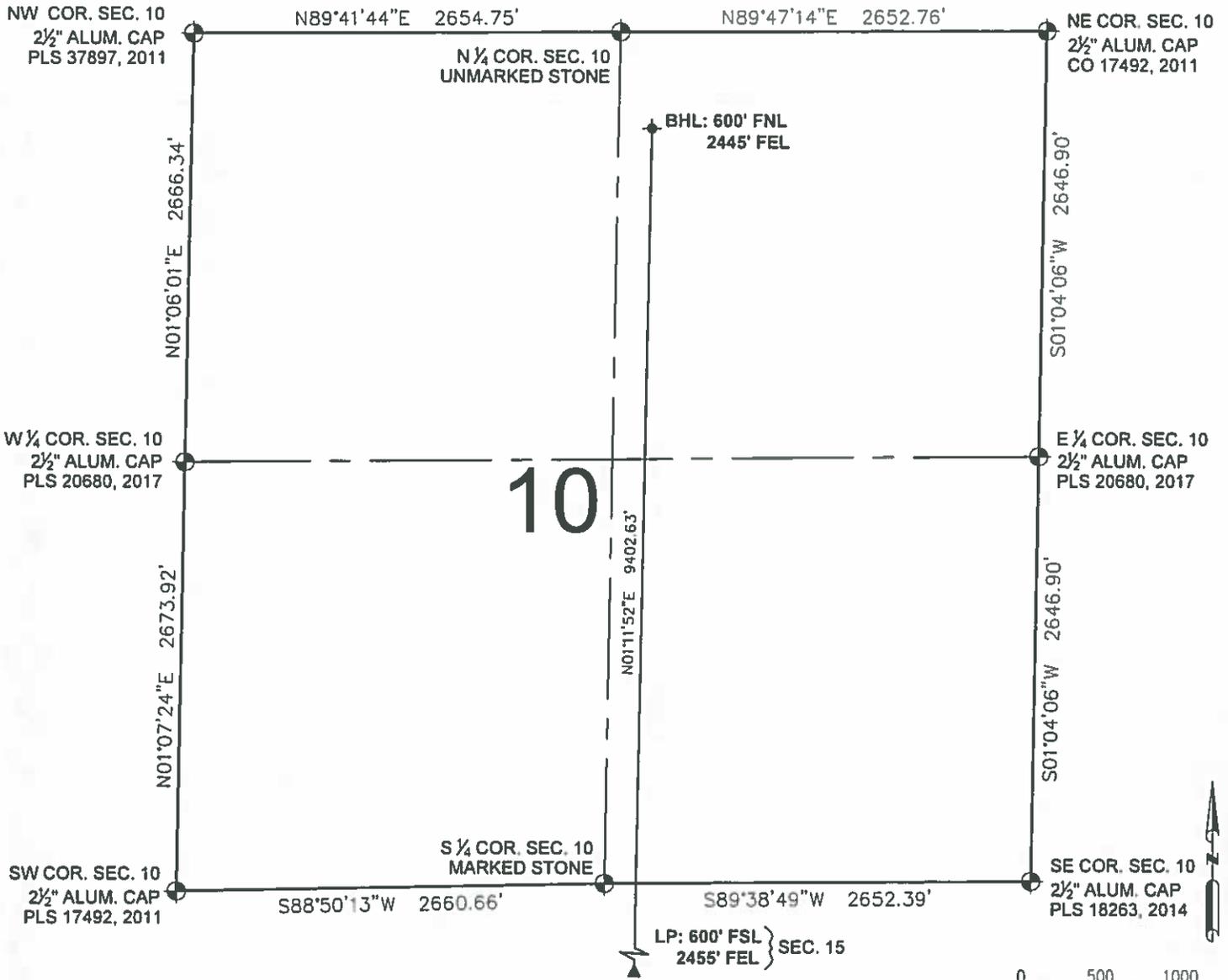
FIELD DATE	08-22-17
DRAWING DATE	03-13-18
BY	SMF
CHECKED	CSG

WELL NAME	BLUE TEAL FED 15-10-9HN
SURFACE LOCATION	NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO

PREPARED FOR

MALLARD
EXPLORATION

BLUE TEAL FED 15-10-9HN WELL LOCATION CERTIFICATE



- LEGEND**
- ⊙ = EXISTING MONUMENT
 - = PROPOSED WELL
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 - ◆ = BOTTOM HOLE
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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

 7535 Hilltop Circle Denver, CO 80221 (303) 926-7128 www.ascentgeomatics.com	FIELD DATE: 08-22-17	WELL NAME: BLUE TEAL FED 15-10-9HN	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		