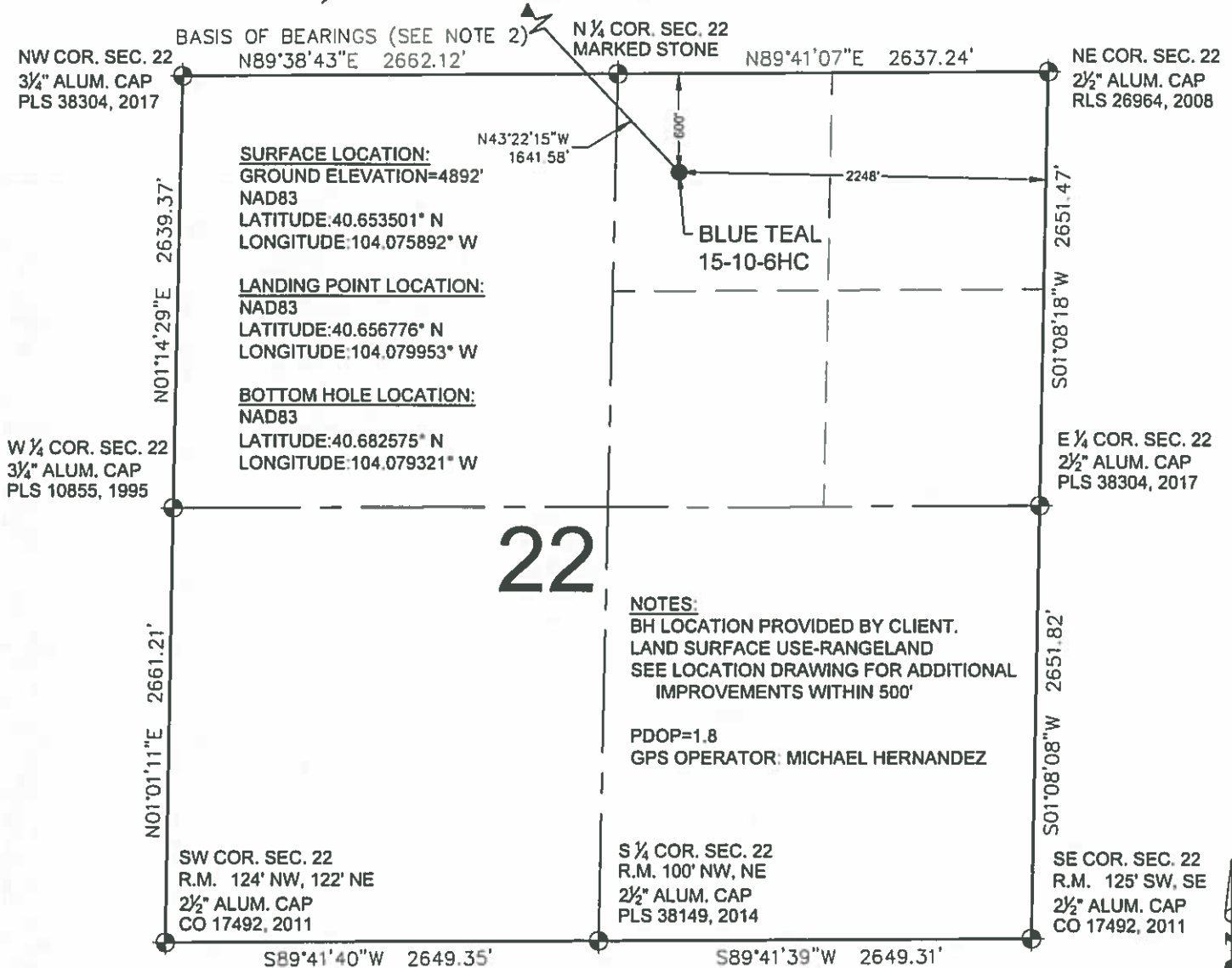


BLUE TEAL 15-10-6HC

LP: 600' FSL } SEC. 15 WELL LOCATION CERTIFICATE
1900' FWL



LEGEND

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

WELL BLUE TEAL 15-10-6HC TO BE LOCATED 600' FNL & 2248' FEL

NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.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



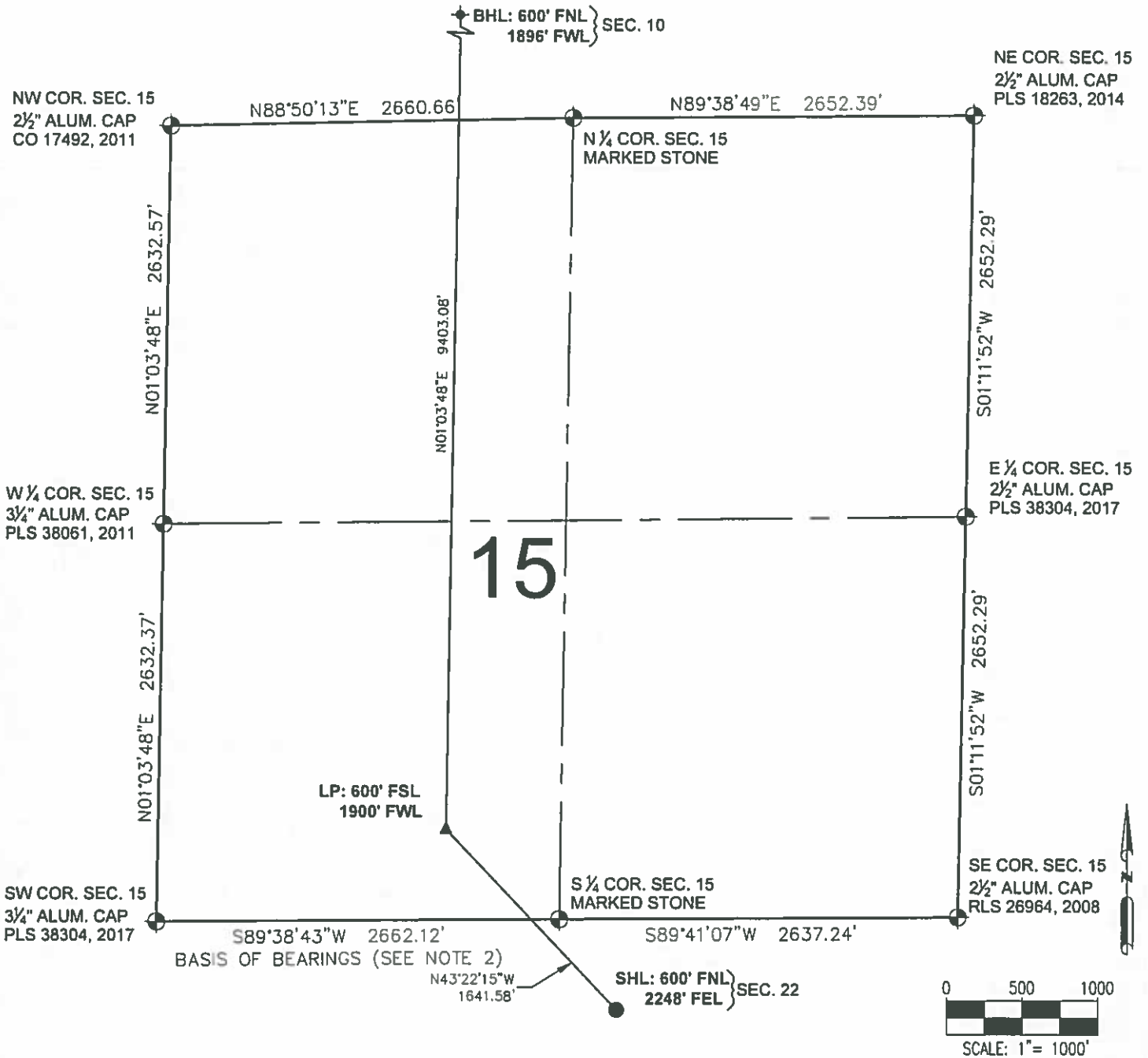
FIELD DATE:
08-22-17
DRAWING DATE:
03-13-18
BY:
SMF
CHECKED:
CSG

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






PREPARED FOR



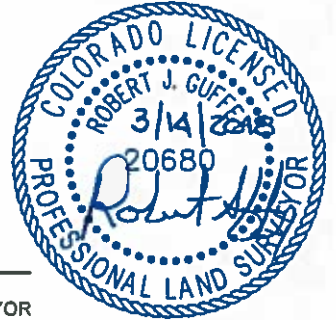
**BLUE TEAL 15-10-6HC
WELL LOCATION CERTIFICATE**



LEGEND

-  = EXISTING MONUMENT  = PROPOSED WELL
 = EXISTING WELL  = BOTTOM HOLE
 = LANDING POINT
LP = 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



SHEET 2 OF 3



7535 Hilltop Circle
Denver, CO 80221
(303) 928-7120
www.ascentgromailcs.com

FIELD DATE:
08-22-17

DRAWING DATE
03-13-18

BY: SMF

CHECKED
CSG

WELL NAME:
BLUE TEAL 15-10-6HC

SURFACE LOCATION:

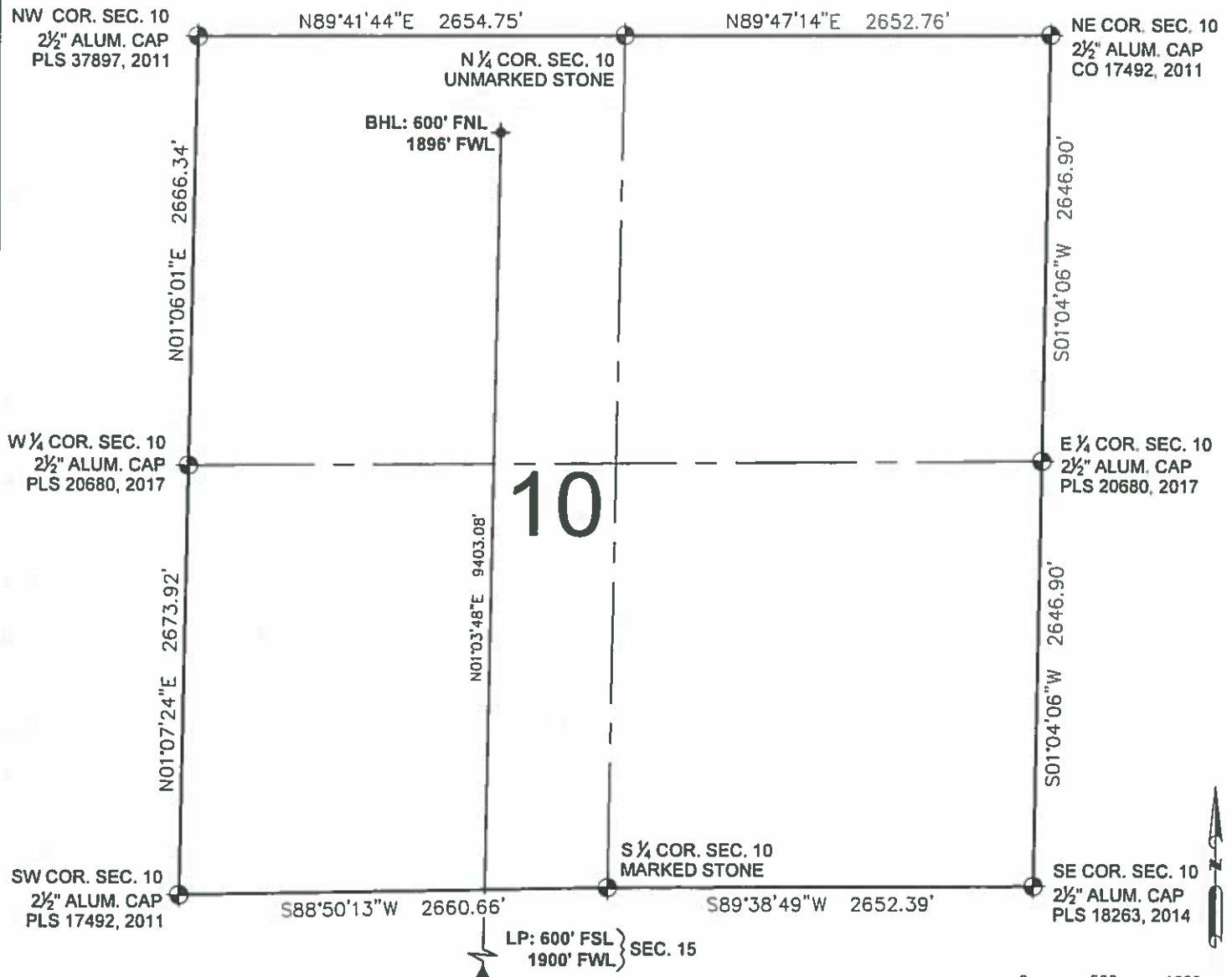
NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M.
WELD COUNTY, COLORADO

| | |
|--------------|--|
| PREPARED FOR | |
|--------------|--|



MALLARD

BLUE TEAL 15-10-6HC WELL LOCATION CERTIFICATE





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 3 OF 3

| | | | |
|---|---|--|--|
|  <p>2535 Hilltop Circle Denver, CO 80221 (303) 928-7121 www.ascentgeomatics.com</p> | FIELD DATE: 08-22-17 DRAWING DATE: 03-13-18 BY: SMF CHECKED: CSG | WELL NAME: BLUE TEAL 15-10-6HC SURFACE LOCATION: NW 1/4 NE 1/4 SEC. 22 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO | PREPARED FOR  <p>MALLARD EXPLORATION</p> |
| | | | |