

GREEN TEAL FED 34-27-8HN WELL LOCATION CERTIFICATE

BHL: 600' FNL
2455' FWL } SEC. 27

BASIS OF BEARINGS (SEE NOTE 2)
N89°50'58"E 2643.61'

NW COR. SEC. 34
3 1/4" ALUM. CAP
PLS 26602, 1997

NE COR. SEC. 34
3 1/4" ALUM. CAP
PLS 26602, 2000

N 1/4 COR. SEC. 34
MARKED STONE

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

PDOP=1.5
GPS OPERATOR: IAN CARABAJAL

34

W 1/4 COR. SEC. 34
MARKED STONE

E 1/4 COR. SEC. 34
2 1/2" ALUM. CAP
PLS 38149, 2014

SURFACE LOCATION:
GROUND ELEVATION=4923'
NAD83
LATITUDE:40.612876° N
LONGITUDE:104.081402° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.613154° N
LONGITUDE:104.079115° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.638944° N
LONGITUDE:104.078414° W

GREEN TEAL FED
34-27-8HN

N80°55'55"E
643.27'

LP: 600' FSL
2455' FWL

SW COR. SEC. 34
2 1/2" ALUM. CAP
LS 30462, 2010

S89°52'31"W 2652.29' S 1/4 COR. SEC. 34
2 1/2" ALUM. CAP
PLS 38149, 2014 S89°52'35"W 2652.31'

SE COR. SEC. 34
2 1/2" ALUM. CAP
LS 30462, 2010

LEGEND

- ⊕ = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⬮ = BOTTOM HOLE
- ▲ = 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 NORTHEAST QUARTER OF SECTION 34, BEARS N89°50'58"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 104.086881°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 GREEN TEAL FED 34-27-8HN TO BE LOCATED 500' FSL & 1822' FWL



I, MICHAEL L. POOL, 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.

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

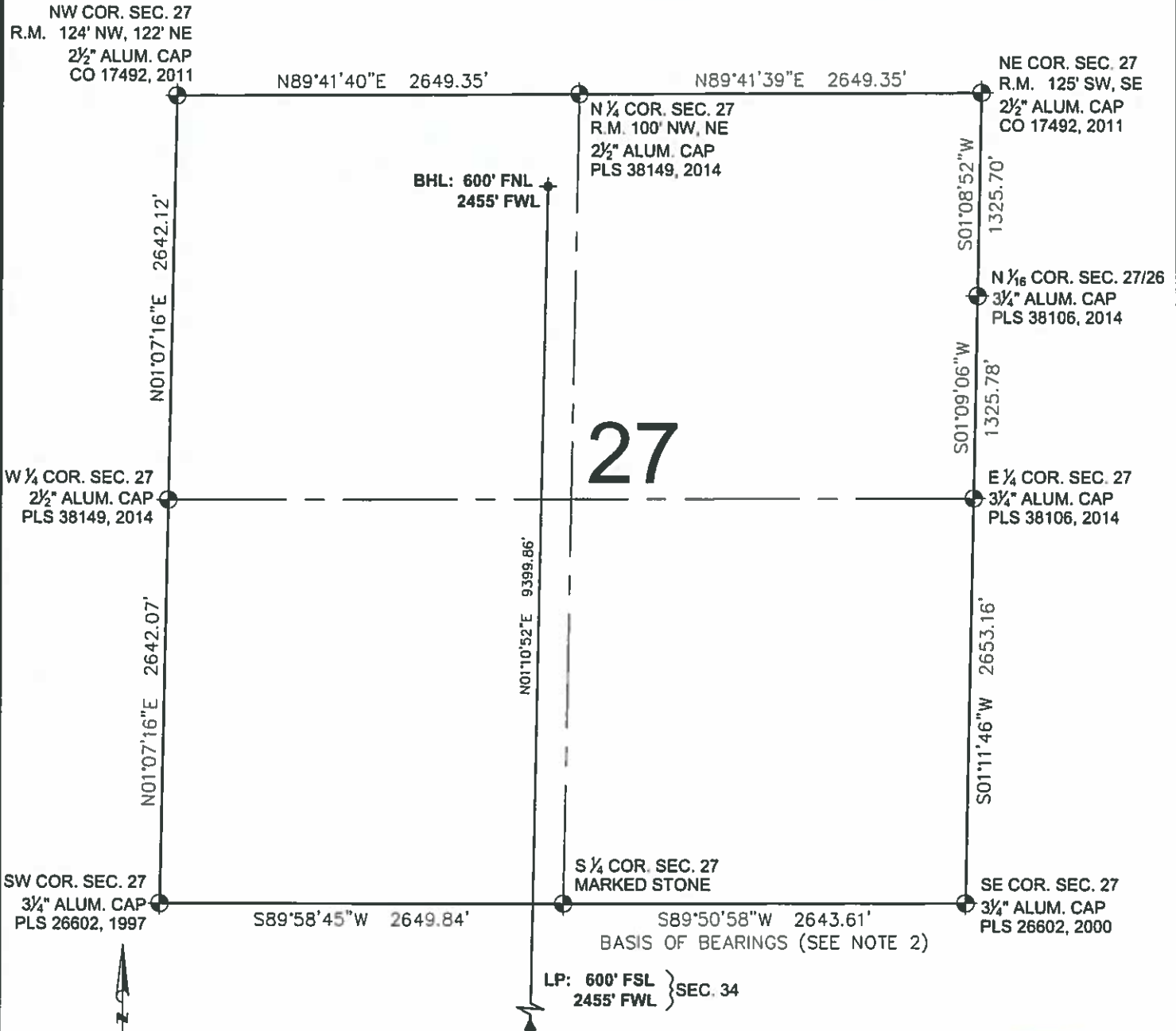
0 500 1000
SCALE: 1"= 1000'



SHEET 1 OF 2

 <p>7935 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 08-23-17	WELL NAME: GREEN TEAL FED 34-27-8HN	PREPARED FOR:  <p>MALLARD EXPLORATION</p>
	DRAWING DATE: 08-25-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY: SMF	CHECKED: DJP		

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SHEET 2 OF 2

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentsolutions.com</p>	<p>FIELD DATE 08-23-17</p> <p>DRAWING DATE 08-25-17</p> <p>BY: SMF CHECKED: DJP</p>	<p>WELL NAME GREEN TEAL FED 34-27-8HN</p> <p>SURFACE LOCATION SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO</p>	<p>PREPARED FOR</p> 
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