

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
3/4" ALUM. CAP
PLS 26602, 1997

N89°58'45"E 2649.84'

N 1/4 COR. SEC. 34
MARKED STONE

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

N01°11'19"E 2661.42'

N01°10'52"E 9399.86'

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

S01°07'56"W 2652.22'

W 1/4 COR. SEC. 34
MARKED STONE

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

N01°18'52"E 2646.90'

S01°07'54"W 2652.28'

**GREEN TEAL FED
34-27-8HN**

N80°55'55"E
643.27'

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

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

**WELL GREEN TEAL FED 34-27-8HN
TO BE LOCATED 500' FSL & 1822' FWL**

- 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 NORTHEAST QUARTER OF SECTION 34, BEARS N89°50'58"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.

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.



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

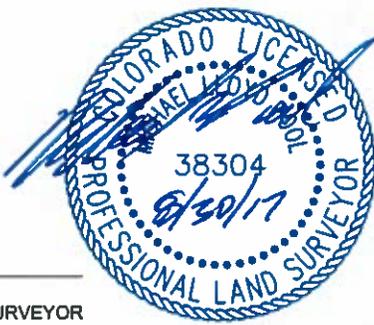
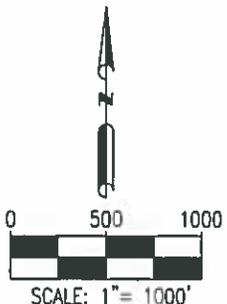
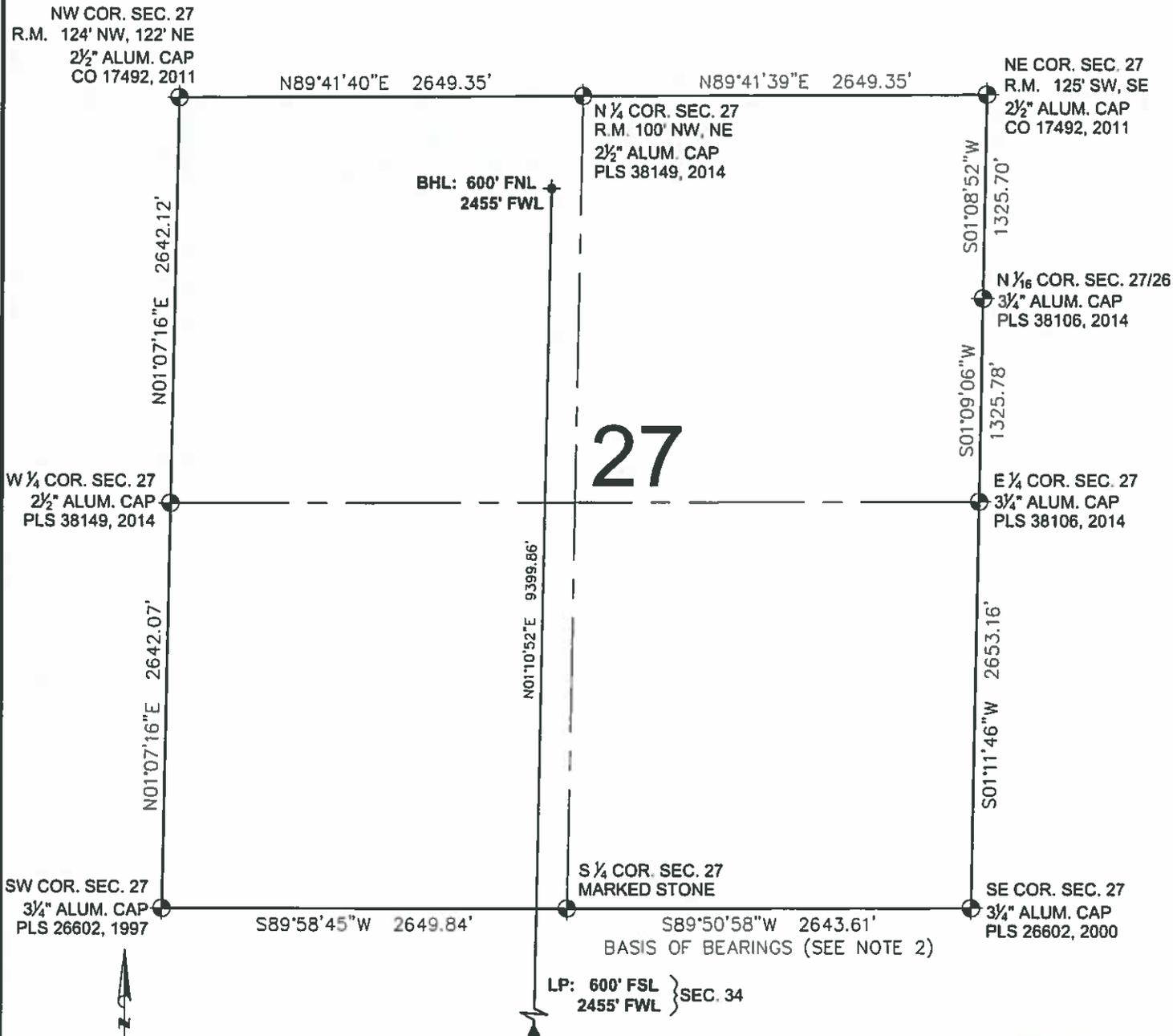
MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 2

<p style="font-size: 8pt;">7335 Hilltop Circle Denver, CO 80223 (303) 928-7128 www.ascentsurvey.com</p>	FIELD DATE: 08-23-17	WELL NAME: GREEN TEAL FED 34-27-8HN	PREPARED FOR:
	DRAWING DATE: 08-25-17	SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M.	
BY: SMF	CHECKED: DJP	WELD COUNTY, COLORADO	

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



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

SHEET 2 OF 2

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatix.com	FIELD DATE 08-23-17	WELL NAME GREEN TEAL FED 34-27-8HN	PREPARED FOR MALLARD EXPLORATION
	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		