

# GREEN TEAL FED 34-27-6HC WELL LOCATION CERTIFICATE

BHL: 600' FNL  
1900' 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

NE COR. SEC. 34  
3/4" 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

SURFACE LOCATION:  
GROUND ELEVATION=4923'  
NAD83  
LATITUDE:40.612876° N  
LONGITUDE:104.081547° W

LANDING POINT LOCATION:  
NAD83  
LATITUDE:40.613151° N  
LONGITUDE:104.081114° W

BOTTOM HOLE LOCATION:  
NAD83  
LATITUDE:40.638936° N  
LONGITUDE:104.080414° W

**GREEN TEAL FED  
34-27-6HC**

LP: 600' FSL  
1900' FWL

W 1/4 COR. SEC. 34  
MARKED STONE

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

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

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

**LEGEND**

- ⊕ = EXISTING MONUMENT      ⬇ = BOTTOM HOLE
- = CALCULATED POSITION    ▲ = LANDING POINT
- = PROPOSED WELL          ◆ = EXISTING WELL
- ◆ = EXISTING WELL          BHL = BOTTOM HOLE LOCATION

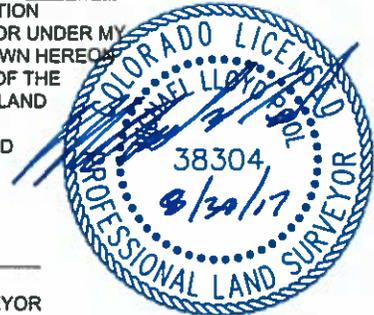
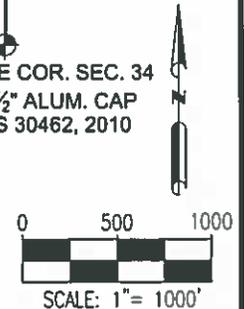
**WELL GREEN TEAL FED 34-27-6HC  
TO BE LOCATED 500' FSL & 1782' FWL**

**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.

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, 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.

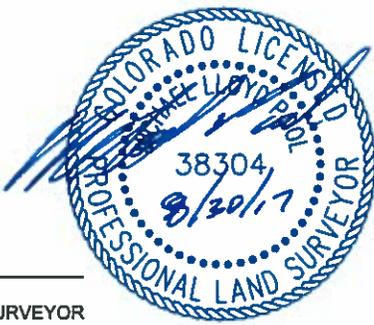
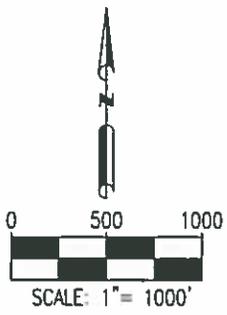
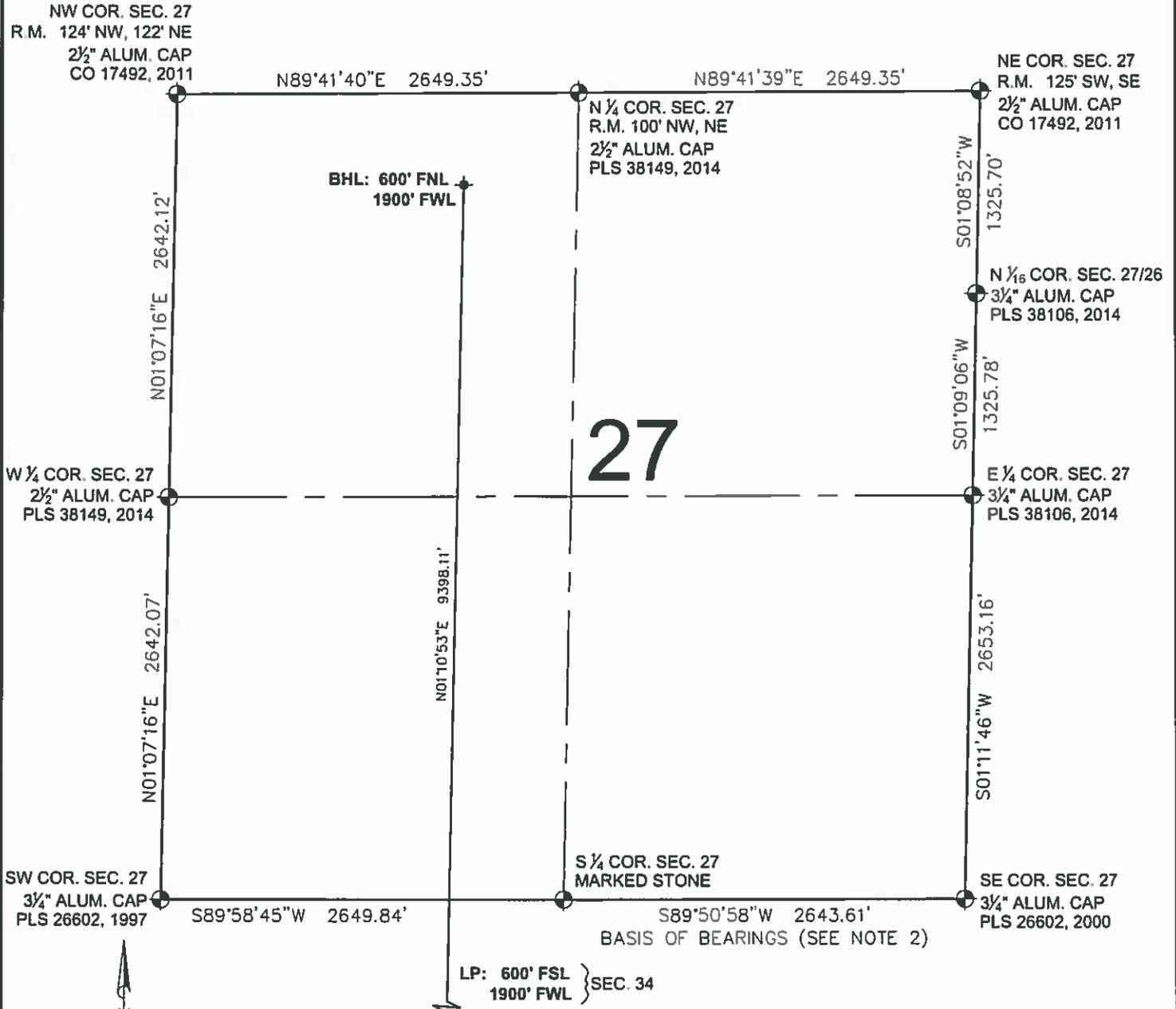


MICHAEL L. POOL, PLS 38304  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 2

<p style="font-size: 8pt;">7535 Hilltop Circle Denver, CO 80221 (303) 921-7120 www.ascenageomatics.com</p>	FIELD DATE 08-23-17	WELL NAME GREEN TEAL FED 34-27-6HC	<p style="font-size: 8pt;">PREPARED FOR</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		

# GREEN TEAL FED 34-27-6HC 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

- LEGEND**
- ⊕ = EXISTING MONUMENT
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  - ◆ = EXISTING WELL
  - ⬇ = BOTTOM HOLE
  - ▲ = LANDING POINT
  - LP = LANDING POINT
  - BHL = BOTTOM HOLE LOCATION

 <p style="font-size: 8px;">7535 Hi-Top Circle Denver, CO 80221 (303) 920-7120 www.ascentgeomatics.com</p>	FIELD DATE <b>08-23-17</b>	WELL NAME <b>GREEN TEAL FED 34-27-6HC</b>	PREPARED FOR 
	DRAWING DATE <b>08-25-17</b>	SURFACE LOCATION <b>SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO</b>	
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