

# GREEN TEAL FED 34-27-12HN WELL LOCATION CERTIFICATE

BHL: 600' FNL  
1715' FEL } SEC. 27

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

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

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

SURFACE LOCATION:  
GROUND ELEVATION=4923'  
NAD83  
LATITUDE:40.612877° N  
LONGITUDE:104.081114° W

LANDING POINT LOCATION:  
NAD83  
LATITUDE:40.613161° N  
LONGITUDE:104.075041° W

BOTTOM HOLE LOCATION:  
NAD83  
LATITUDE:40.638960° N  
LONGITUDE:104.074354° W

34

W 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

GREEN TEAL FED  
34-27-12HN

N86°29'00"E 1689.91'

LP: 600' FSL  
1715' FEL

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

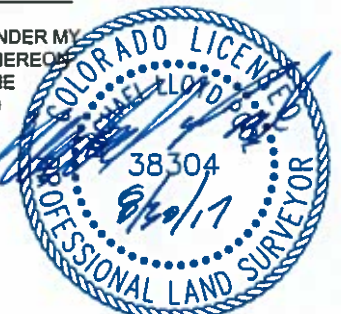
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 34, BEARS N89°50'58"E BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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 104.086861°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.

## WELL GREEN TEAL FED 34-27-12HN TO BE LOCATED 500' FSL & 1902' 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



SHEET 1 OF 2



FIELD DATE:  
08-23-17  
DRAWING DATE:  
08-25-17  
BY: SMF  
CHECKED: DJP

WELL NAME:  
GREEN TEAL FED 34-27-12HN  
SURFACE LOCATION:  
SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M.  
WELD COUNTY, COLORADO

PREPARED FOR:



# GREEN TEAL FED 34-27-12HN WELL LOCATION CERTIFICATE

NW COR. SEC. 27  
R.M. 124' NW, 122' NE  
2 1/2" ALUM. CAP  
CO 17492, 2011

N89°41'40"E 2649.35'

N89°41'39"E 2649.35'

NE COR. SEC. 27  
R.M. 125' SW, SE  
2 1/2" ALUM. CAP  
CO 17492, 2011

N 1/4 COR. SEC. 27  
R.M. 100' NW, NE  
2 1/2" ALUM. CAP  
PLS 38149, 2014

BHL: 600' FNL  
1715' FEL

S01°08'52"W  
1325.70'

N 1/16 COR. SEC. 27/26  
3 1/4" ALUM. CAP  
PLS 38106, 2014

S01°09'06"W  
1325.78'

27

W 1/4 COR. SEC. 27  
2 1/2" ALUM. CAP  
PLS 38149, 2014

E 1/4 COR. SEC. 27  
3 1/4" ALUM. CAP  
PLS 38106, 2014

N01°07'16"E 2642.07'

N01°09'13"E 9403.34'

S01°11'46"W 2653.16'

SW COR. SEC. 27  
3 1/4" ALUM. CAP  
PLS 26602, 1997

S89°58'45"W 2649.84'

S 1/4 COR. SEC. 27  
MARKED STONE

S89°50'58"W 2643.61'  
BASIS OF BEARINGS  
(SEE NOTE 2)

SE COR. SEC. 27  
3 1/4" ALUM. CAP  
PLS 26602, 2000

LP: 600' FSL  
1715' FEL } SEC. 34



SCALE: 1" = 1000'

## LEGEND

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

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



SHEET 2 OF 2



FIELD DATE

08-23-17

DRAWING DATE

08-25-17

BY

SMF

CHECKED

DJP

WELL NAME

GREEN TEAL FED 34-27-12HN

SURFACE LOCATION

SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M.

WELD COUNTY, COLORADO

PREPARED FOR

