

GREEN TEAL FED 34-27-14HN WELL LOCATION CERTIFICATE

BHL: 300' FNL
790' 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:104.080970° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.612343° N
LONGITUDE:104.071730° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.639796° N
LONGITUDE:104.070999° 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=1.8
GPS OPERATOR: IAN CARABAJAL

GREEN TEAL FED
34-27-14HN

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:

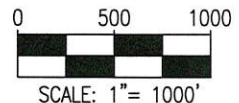
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 34, BEARS N89°50'58"E BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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 34-27-14HN TO BE LOCATED 500' FSL & 1942' FWL

I, ROBERT J. GUFFEY, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE THAT THIS WELL LOCATION CERTIFICATE WAS MADE FROM AN ACTUAL FIELD SURVEY PERFORMED UNDER MY RESPONSIBLE CHARGE ON THE DATE SHOWN HEREON AND CORRECTLY SHOWS THE LOCATION OF THE WELL SHOWN HEREON, AS STAKED ON THE GROUND, AND THE LOCATION OF THE LINES OF THE PUBLIC LAND SURVEY SYSTEM TO MY KNOWLEDGE, INFORMATION, AND BELIEF. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND IS IN ACCORDANCE WITH THE APPLICABLE STANDARDS OF PRACTICE FOR PROFESSIONAL LAND SURVEYING. THIS CERTIFICATE IS NOT A GUARANTY OR WARRANTY, EITHER EXPRESSED OR IMPLIED.

ROBERT J. GUFFEY, PLS 20680
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC
d.b.a. ASCENT GEOMATICS SOLUTIONS



SHEET 1 OF 2

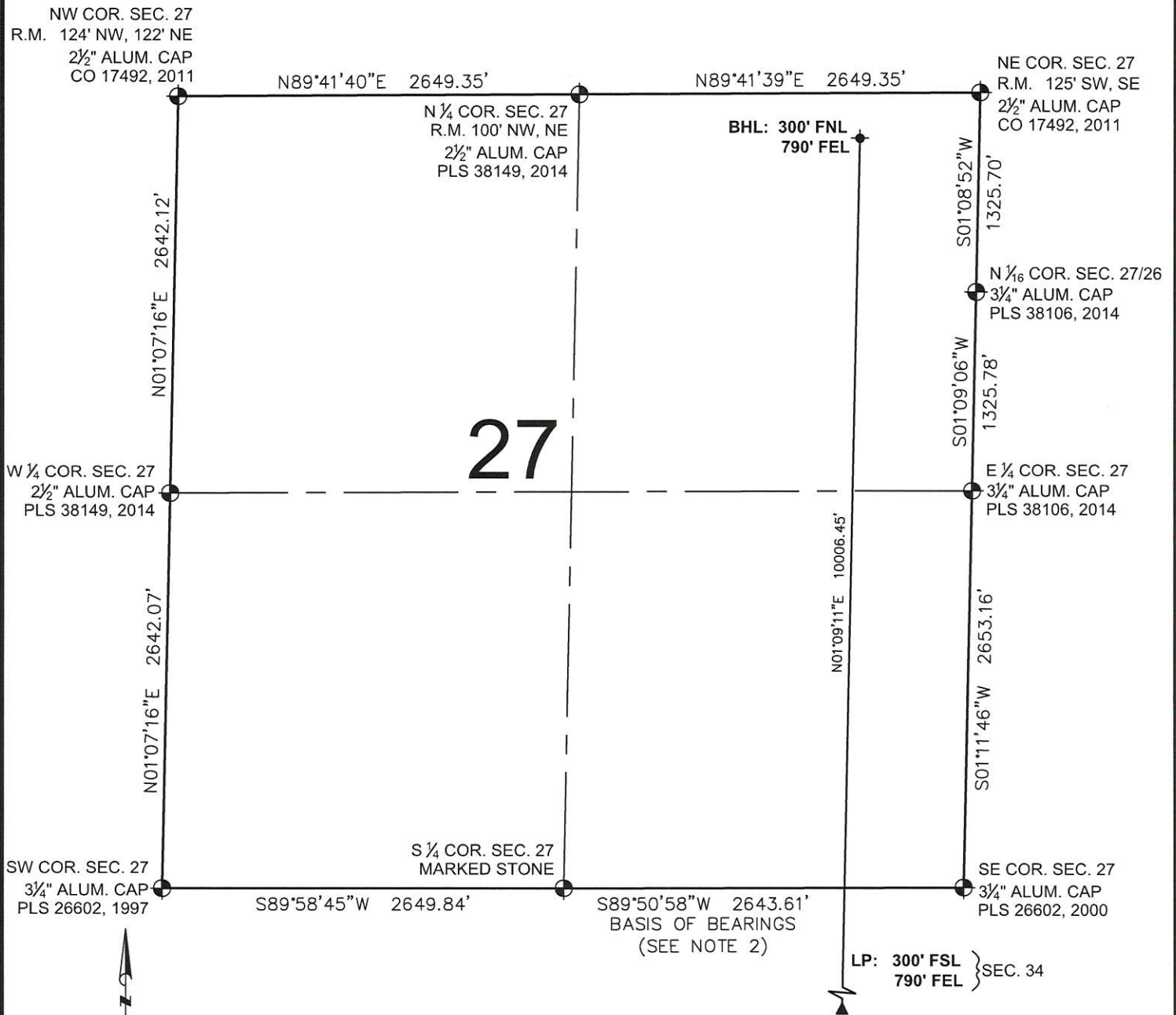


FIELD DATE:
08-23-17
DRAWING DATE:
01-10-19
BY:
JAG
CHECKED:
MMP

WELL NAME:
GREEN TEAL FED 34-27-14HN
SURFACE LOCATION:
SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M.
WELD COUNTY, COLORADO



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SHEET 2 OF 2

 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 08-23-17 DRAWING DATE: 01-10-19 BY: JAG CHECKED: MMP	WELL NAME: GREEN TEAL FED 34-27-14HN SURFACE LOCATION: SE 1/4 SW 1/4 SEC. 34 T8N, R60W, 6TH P.M. WELD COUNTY, COLORADO	PREPARED FOR: MALLARD EXPLORATION
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