

GEORGE WEST 12S-20-6N WELL LOCATION CERTIFICATE

NW COR. SEC. 12
3/4" ALUM. CAP
LS 22098, 1994

S88°22'11"E 2675.77'

S88°22'12"E 2559.71'

NE COR. SEC. 12
3/4" ALUM. CAP
PLS 38304, 2015

N 1/4 COR. SEC. 12
2 1/2" ALUM. CAP
PLS 38304, 2015

SURFACE LOCATION:
GROUND ELEVATION=5274'
NAD83
LATITUDE: 40.942719° N
LONGITUDE: 104.274654° W

LANDING POINT LOCATION:
NAD83
LATITUDE: 40.943338° N
LONGITUDE: 104.268906° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE: 40.915810° N
LONGITUDE: 104.269216° W

12

NOTES:

BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-RANGELAND
SEE LOCATION DRAWING FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'

PDOP=1.6
GPS OPERATOR: AARON RIVERA

S 1/4 COR. SEC. 12
2 1/2" ALUM. CAP
PLS 38304, 2017

SE COR. SEC. 12
2 1/2" ALUM. CAP
RLS 26964, 2008

N88°35'27"W 2530.12'
N88°35'27"W 2530.12'
BASIS OF BEARINGS (SEE NOTE 2)

BHL: 300' FSL
2420' FWL

LEGEND

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

**WELL GEORGE WEST 12S-20-6N TO BE LOCATED
571' FNL & 834' FWL**



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 SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 12, BEARS N88°35'27"W 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 40.915124°N, A CENTRAL MERIDIAN LONGITUDE OF 104.316068°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000244 (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.

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO 8 NORTH LLC, 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

07-24-17

DRAWING DATE

07-25-17

BY

CSG

CHECKED

JLG

WELL NAME

GEORGE WEST 12S-20-6N

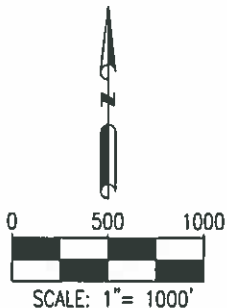
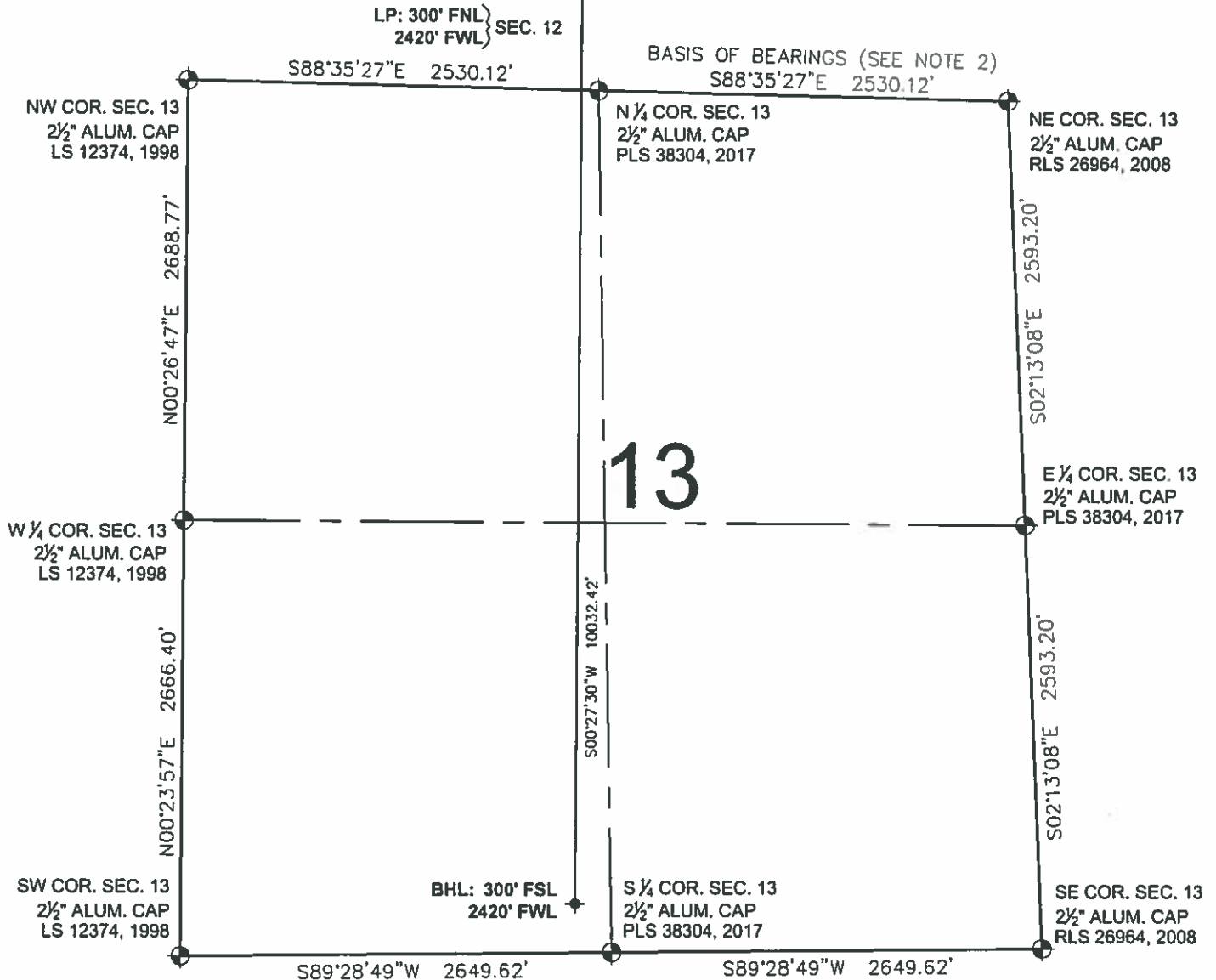
SURFACE LOCATION

NW 1/4 NW 1/4 SEC. 12, T11N, R62W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR

8NORTH

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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

07-24-17

DRAWING DATE

07-25-17

BY:

CSG

CHECKED

JLG

WELL NAME

GEORGE WEST 12S-20-6N

SURFACE LOCATION

NW ¼ NW ¼ SEC. 12, T11N, R62W, 6TH P.M.

WELD COUNTY, COLORADO

PREPARED FOR

8NORTH