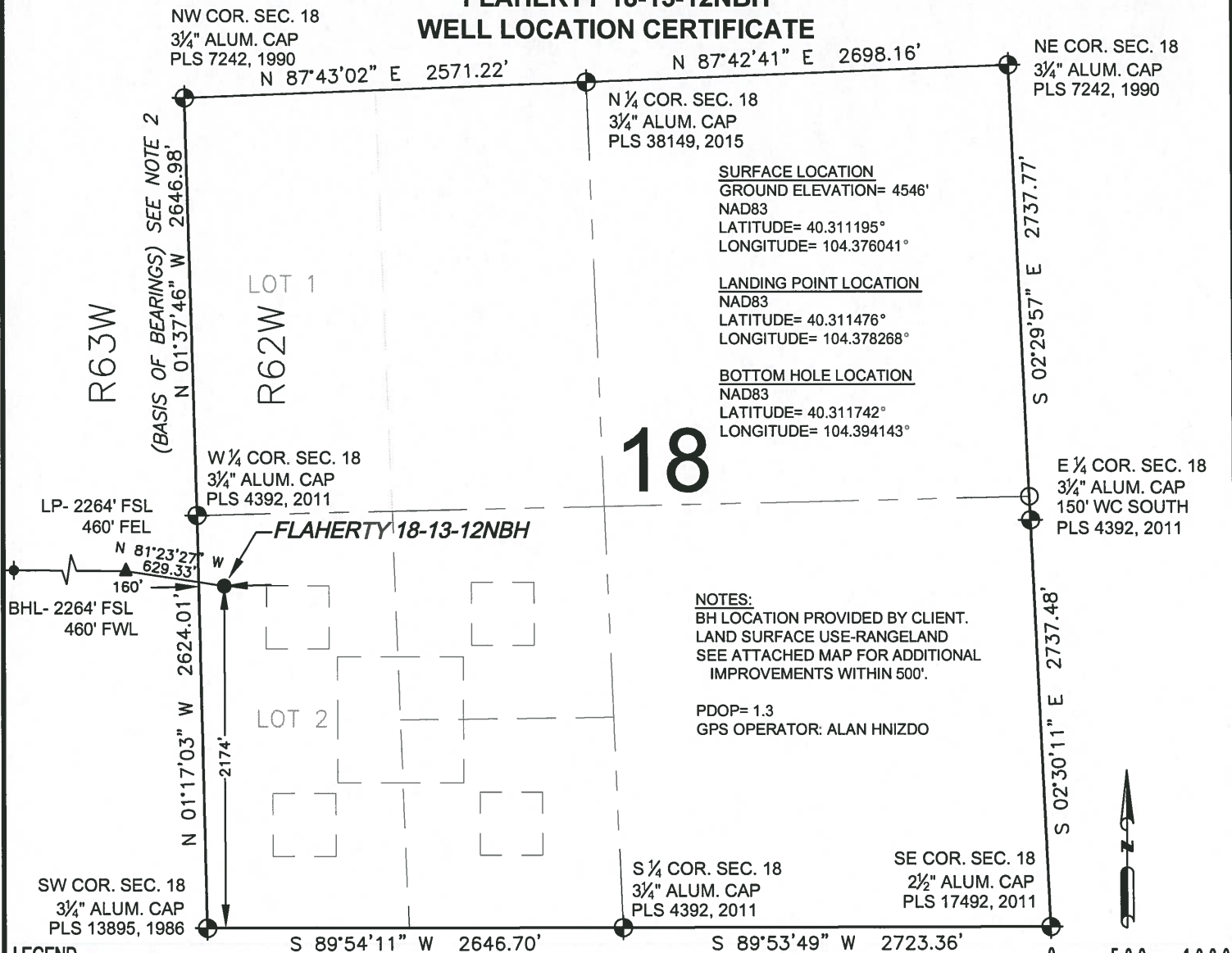


FLAHERTY 18-13-12NBH WELL LOCATION CERTIFICATE



SURFACE LOCATION
GROUND ELEVATION= 4546'
NAD83
LATITUDE= 40.311195°
LONGITUDE= 104.376041°

LANDING POINT LOCATION
NAD83
LATITUDE= 40.311476°
LONGITUDE= 104.378268°

BOTTOM HOLE LOCATION
NAD83
LATITUDE= 40.311742°
LONGITUDE= 104.394143°

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-RANGELAND
SEE ATTACHED MAP FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'.

PDOP= 1.3
GPS OPERATOR: ALAN HNIZDO

- LEGEND**
- = EXISTING MONUMENT
 - = CALCULATED POSITION
 - = PROPOSED WELL
 - ◆ = EXISTING WELL
 - ◆ = BOTTOM HOLE
 - ▲ = LANDING POINT
 - LP = LANDING POINT
 - BHL = BOTTOM HOLE

**WELL FLAHERTY 18-13-12NBH TO BE
LOCATED 2174' FSL AND 160' FWL**

NOTES:

- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED UPON THE ASSUMPTION THAT THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 18, BEARS N01°37'46"W BETWEEN THE MONUMENTS SHOWN HEREON.
- GRID DISTANCES ARE SHOWN, AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000259204.
- ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- 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, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **EDGE ENERGY**, 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.

BRIAN C. RITZ, PLS 38452
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 2

PREPARED BY:



FIELD DATE:
09-16-15

DRAWING DATE:
09-18-15

BY:
KAD

CHECKED BY:
TJN

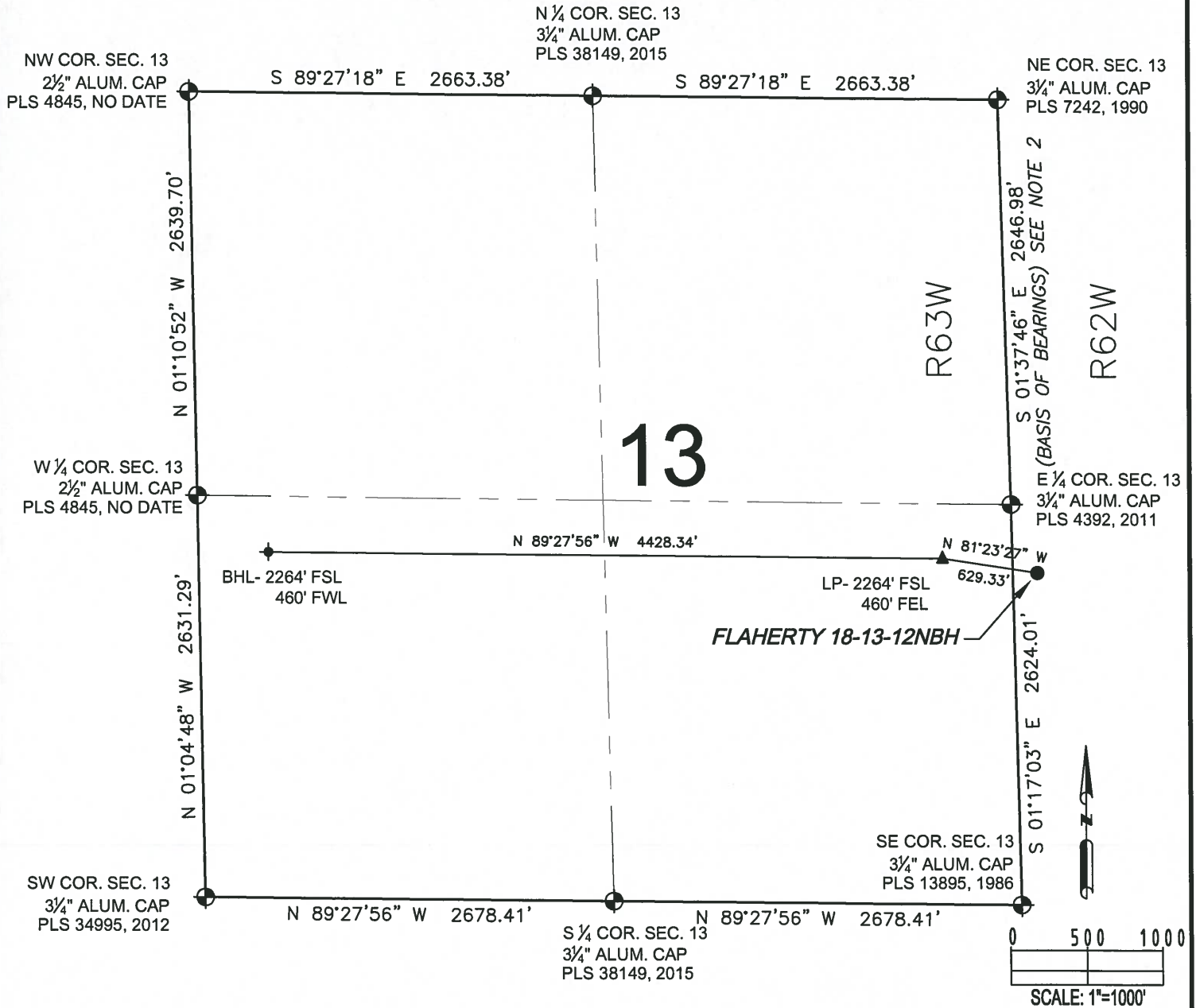
WELL NAME:
FLAHERTY 18-13-12NBH

SURFACE LOCATION:
LOT 2 SEC. 18, T4N, R62W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:

**EDGE
ENERGY**

FLAHERTY 18-13-12NBH WELL LOCATION CERTIFICATE



LEGEND

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

BRIAN C. RITZ, PLS 38452
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

PREPARED BY:



FIELD DATE:
09-16-15

DRAWING DATE:
09-18-15

BY:
KAD

CHECKED BY:
TJN

WELL NAME:
FLAHERTY 18-13-12NBH

SURFACE LOCATION:
LOT 2 SEC. 18, T4N, R62W, 6TH P.M.
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PREPARED FOR:

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