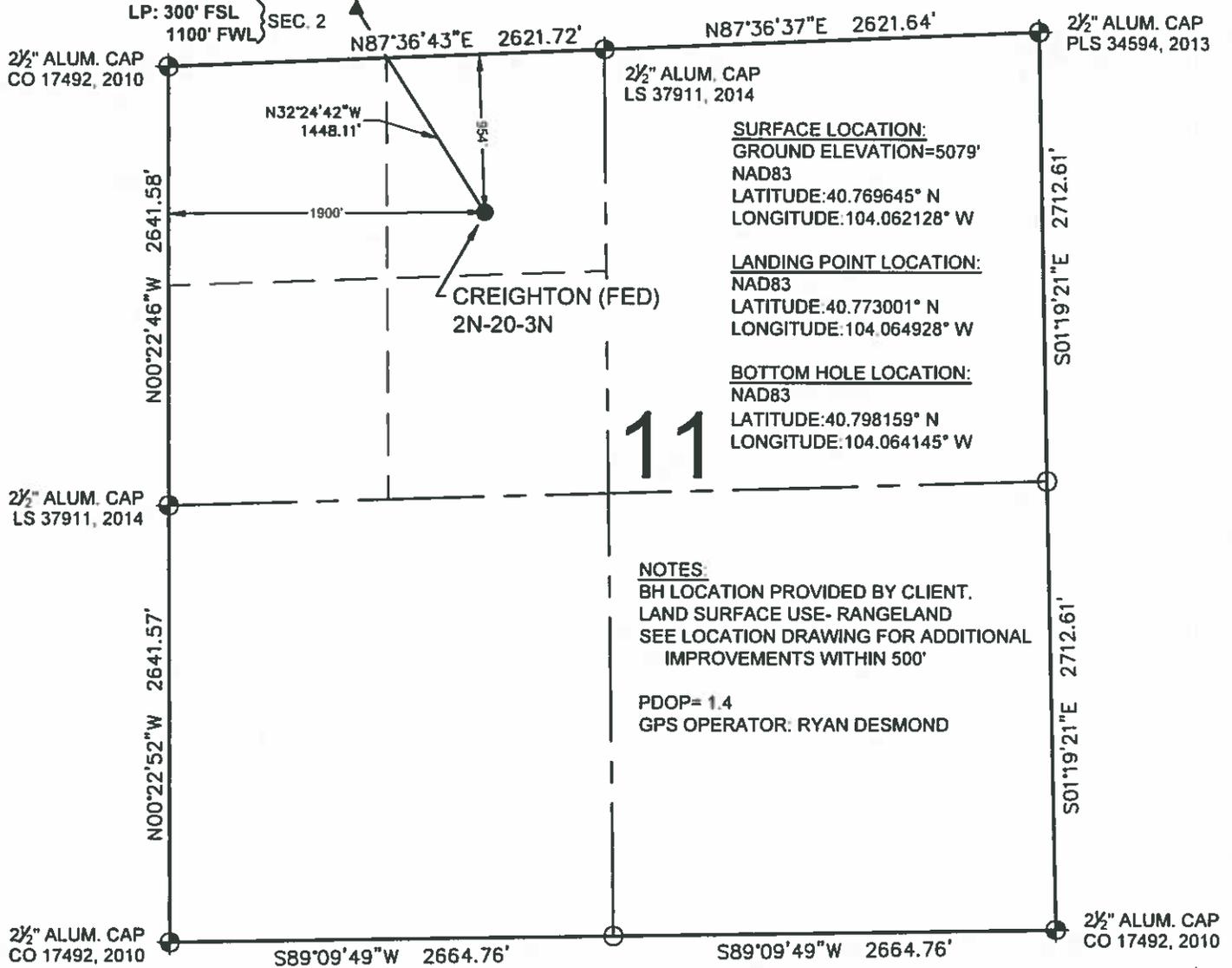


CREIGHTON (FED) 2N-20-3N WELL LOCATION EXHIBIT



SURFACE LOCATION:
GROUND ELEVATION=5079'
NAD83
LATITUDE:40.769645° N
LONGITUDE:104.062128° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.773001° N
LONGITUDE:104.064928° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.798159° N
LONGITUDE:104.064145° W

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

PDOP= 1.4
GPS OPERATOR: RYAN DESMOND

LEGEND

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- ◆ = EXISTING WELL
- ⬆ = BOTTOM HOLE
- ▲ = LANDING POINT
- LP = LANDING POINT
- BHL = BOTTOM HOLE LOCATION

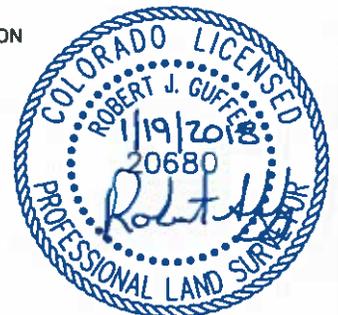
NOTES:

1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C O G C C. RULE NO 215
2. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO LINES SHOWN HEREON. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.742679°N. A CENTRAL MERIDIAN LONGITUDE OF 104.088027°W. AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000238 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
3. FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE. UNLESS OTHERWISE NOTED.

**WELL CREIGHTON (FED) 2N-20-3N TO BE
LOCATED 954' FNL & 1900' FWL**



I, ROBERT J. GUFFEY, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO, DO HEREBY STATE TO 8 NORTH LLC THAT THE WELL LOCATION EXHIBIT SHOWN HEREON WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS EXHIBIT MEETS THE REQUIREMENTS OF A GIS LAND POSITION AS DEFINED BY SECTION 38-51-102 (7.5) C.R.S. AND AS SUCH PER SECTION 38-51-109 3 C.R.S. CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.



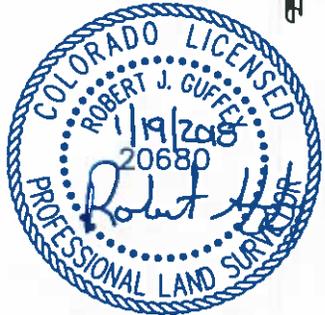
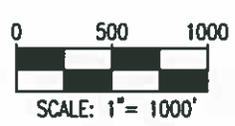
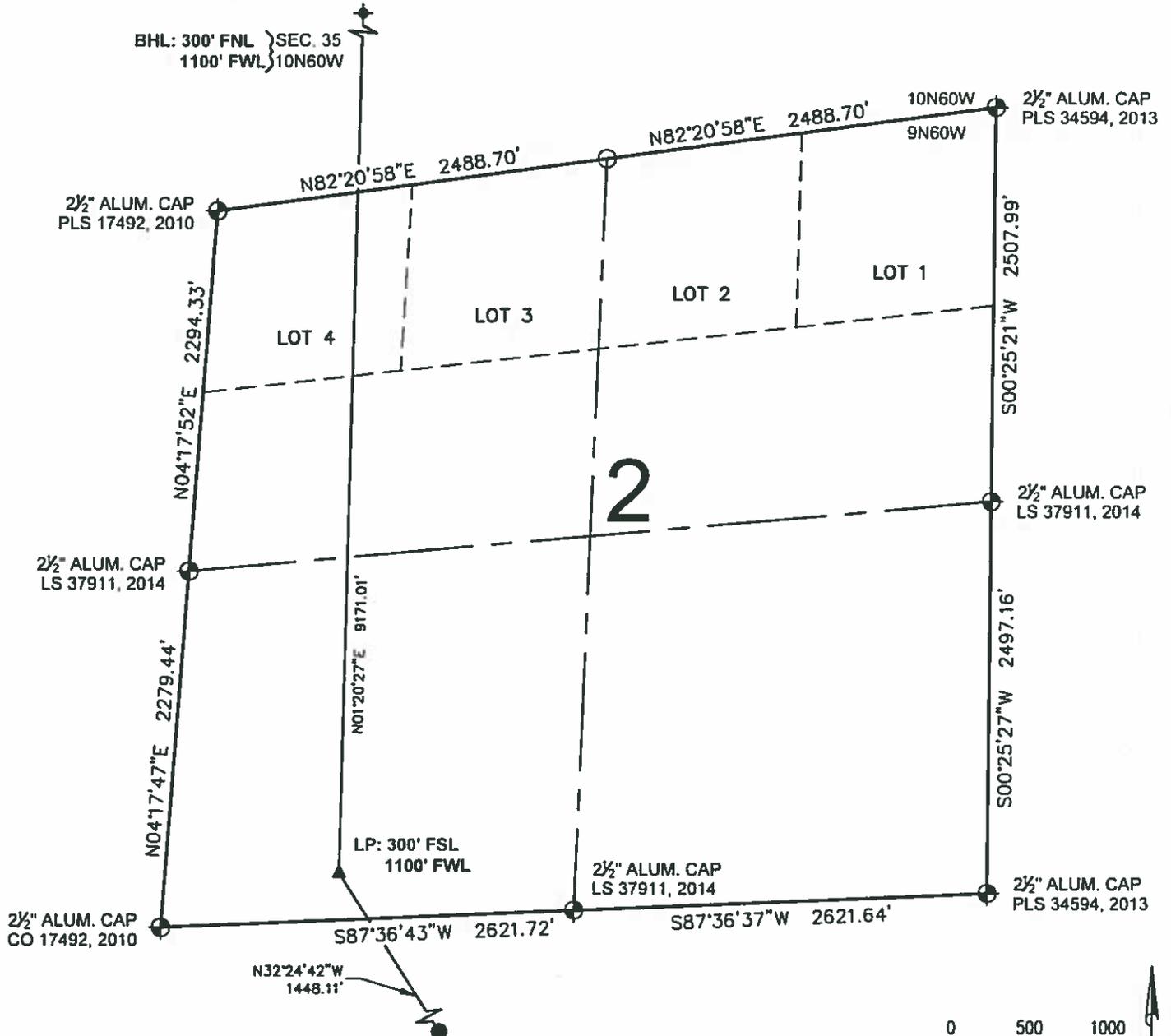
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

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 3

<p style="font-size: 8px;">7535 Midtop Circle Denver, CO 80221 (303) 928-7123 www.ascentgeomatics.com</p>	FIELD DATE 01-16-18	WELL NAME CREIGHTON (FED) 2N-20-3N	PREPARED FOR
	DRAWING DATE 01-18-18	SURFACE LOCATION NE 1/4 NW 1/4 SEC. 11, T9N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY DJP	CHECKED IJM		

CREIGHTON (FED) 2N-20-3N WELL LOCATION EXHIBIT



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 d.b.a. ASCENT GEOMATICS SOLUTIONS

SHEET 2 OF 3

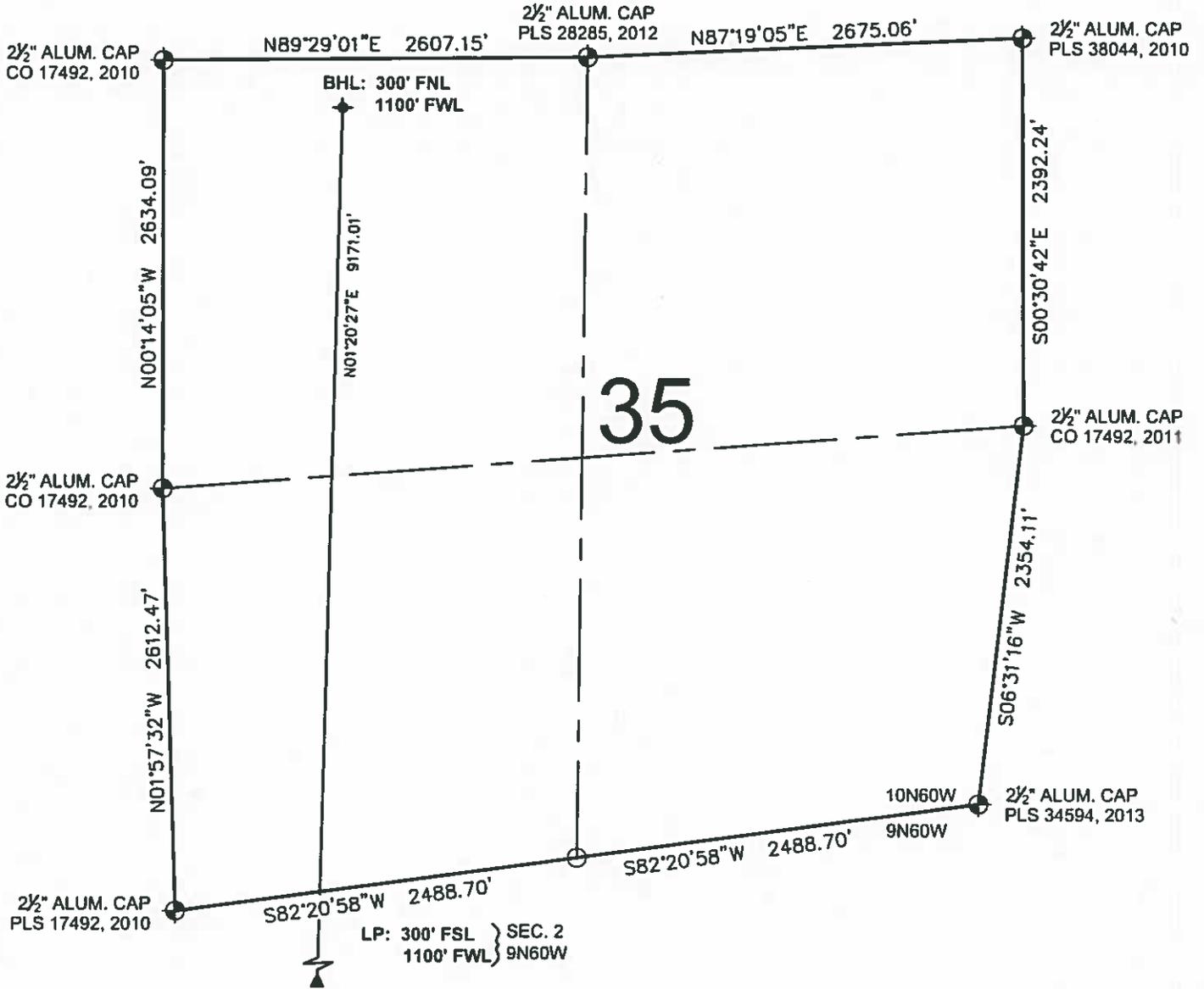


FIELD DATE: 01-16-18
 DRAWING DATE: 01-18-18
 BY: DJP
 CHECKED: IJM

WELL NAME: CREIGHTON (FED) 2N-20-3N
 SURFACE LOCATION: NE 1/4 NW 1/4 SEC. 11, T9N, R60W, 6TH P.M.
 WELD COUNTY, COLORADO

PREPARED FOR:

CREIGHTON (FED) 2N-20-3N WELL LOCATION EXHIBIT



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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 3 OF 3

<p style="font-size: 8px; margin-top: 5px;"> 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com </p>	FIELD DATE 01-16-18	WELL NAME CREIGHTON (FED) 2N-20-3N	PREPARED FOR
	DRAWING DATE 01-18-18	SURFACE LOCATION NE 1/4 NW 1/4 SEC. 11, T9N, R60W, 6TH P.M. WELD COUNTY, COLORADO	
BY DJP	CHECKED IJM		