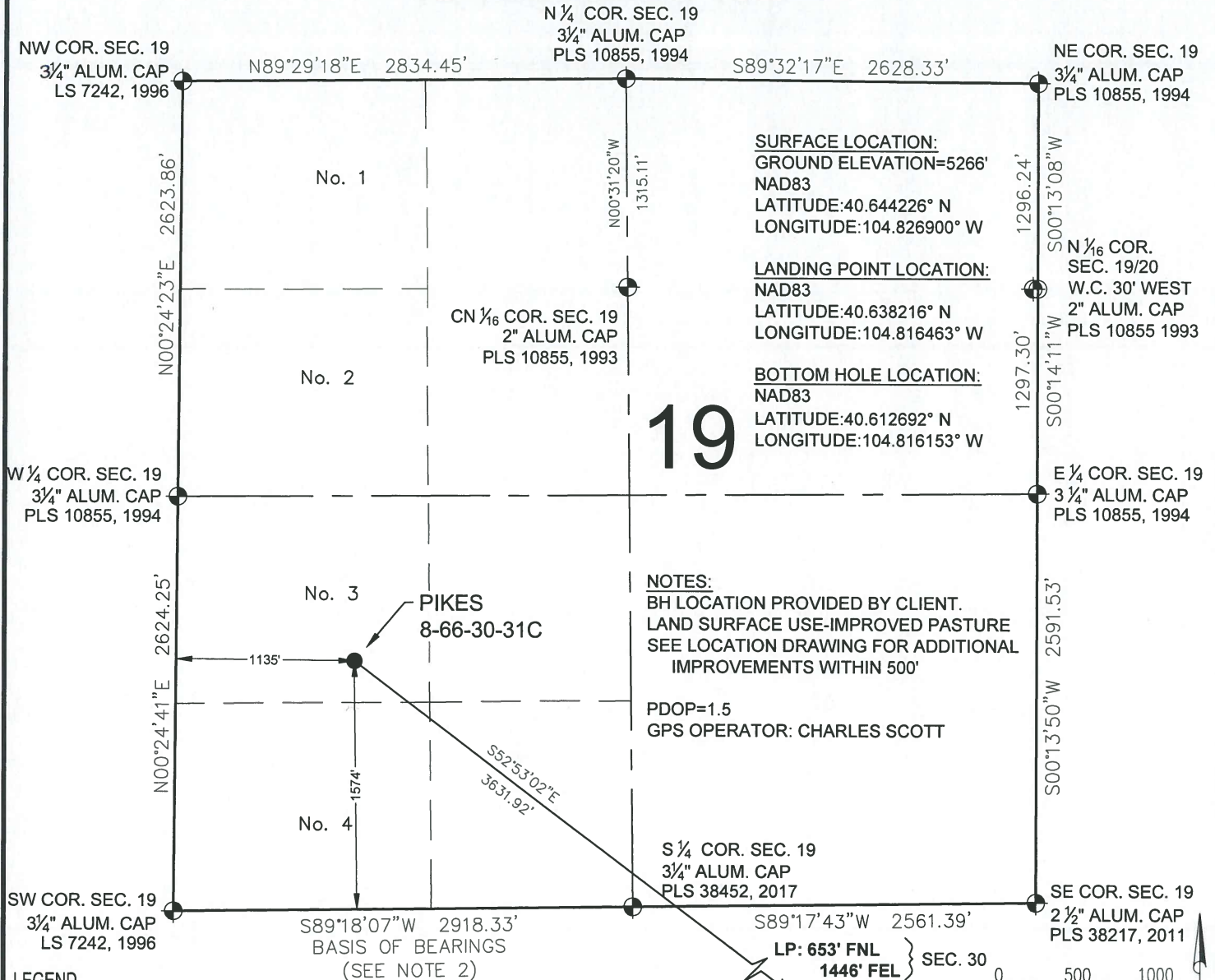


PIKES 8-66-30-31C
WELL LOCATION CERTIFICATE



LEGEND

- = EXISTING MONUMENT
○ = CALCULATED POSITION
● = PROPOSED WELL
◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
▲ = LANDING POINT
SHL = SURFACE HOLE LOCATION
LP = LANDING POINT

- NOTES:
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 19, BEARS S89°18'07"W BETWEEN THE MONUMENTS SHOWN HEREON.
3. 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 40.654718°N, A CENTRAL MERIDIAN LONGITUDE OF 104.772763°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000241 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
4. 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 PIKES 8-66-30-31C TO BE
LOCATED 1574' FSL & 1135' FWL

I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO ENERPLUS RESOURCES (USA) CORPORATION, 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
d.b.a. ASCENT GEOMATICS SOLUTIONS



SHEET 1 OF 3



FIELD DATE:
06-30-17

DRAWING DATE:
07-27-17

BY:
MMP

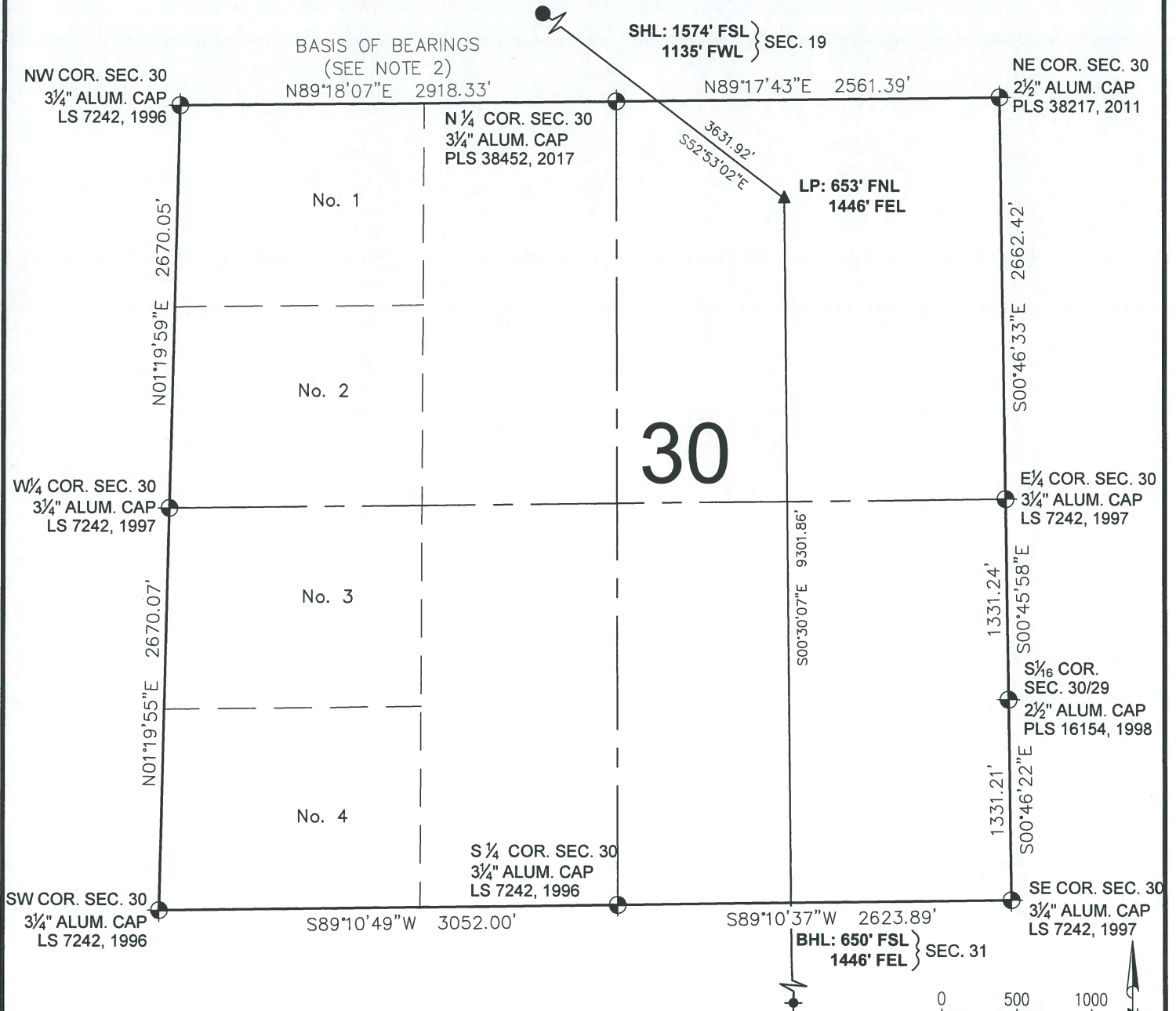
CHECKED:
DJP

WELL NAME:
PIKES 8-66-30-31C

SURFACE LOCATION:
LOT 3 SEC. 19 T8N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:
enerPLUS

PIKES 8-66-30-31C WELL LOCATION CERTIFICATE



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BRIAN C. RITZ, PLS 38452
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC
d.b.a. ASCENT GEOMATICS SOLUTIONS



SHEET 2 OF 3

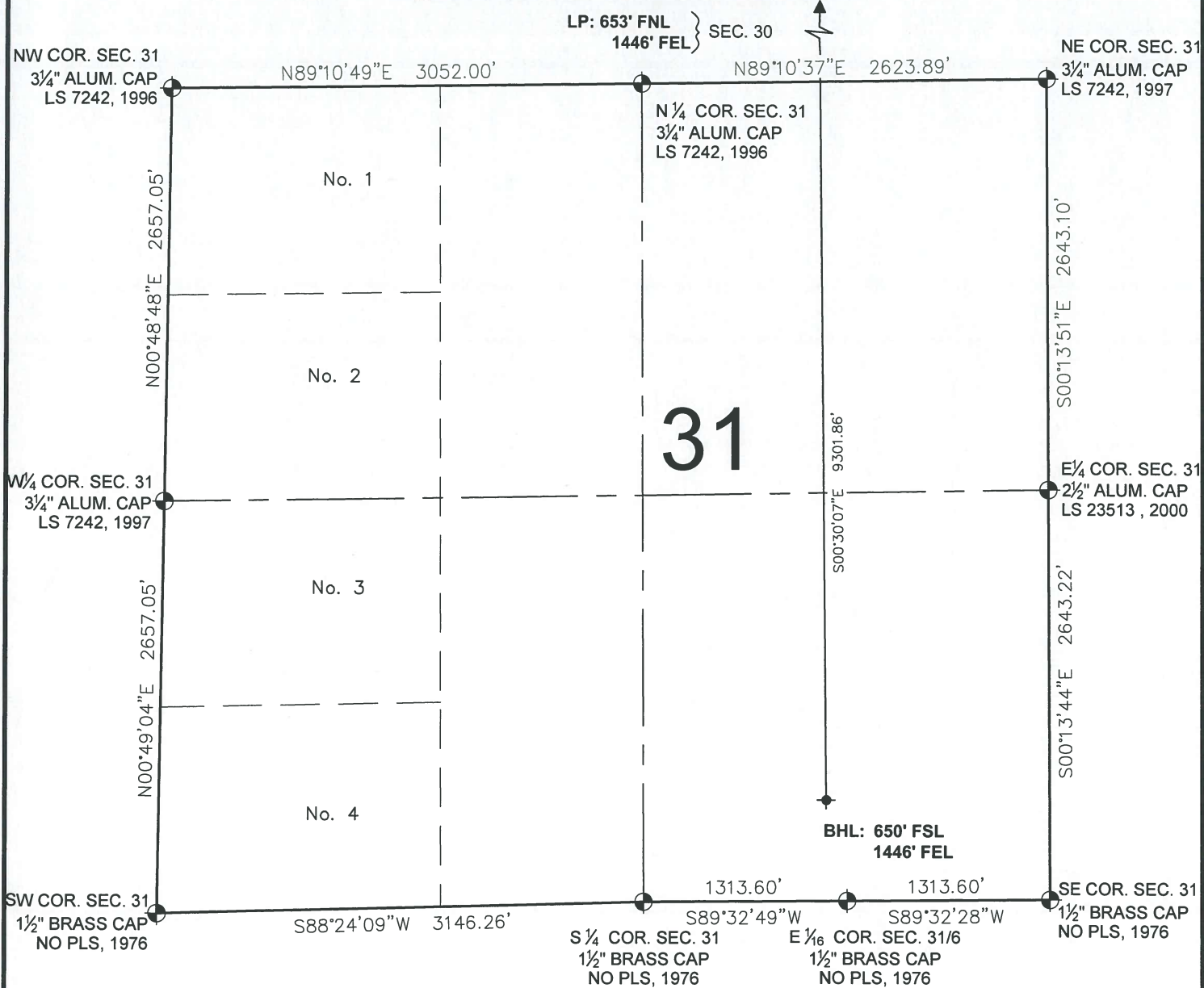


FIELD DATE: 06-30-17	WELL NAME: PIKES 8-66-30-31C
DRAWING DATE: 07-27-17	SURFACE LOCATION: LOT 3 SEC. 19 T8N, R66W, 6TH P.M.
BY: MMP	CHECKED: DJP
	WELD COUNTY, COLORADO

PREPARED FOR:

enerPLUS

PIKES 8-66-30-31C WELL LOCATION CERTIFICATE





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COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
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d.b.a. ASCENT GEOMATICS SOLUTIONS



SHEET 3 OF 3

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 06-30-17	WELL NAME: PIKES 8-66-30-31C	PREPARED FOR: 
	DRAWING DATE: 07-27-17	SURFACE LOCATION: LOT 3 SEC. 19 T8N, R66W, 6TH P.M. WELD COUNTY, COLORADO	
BY: MMP	CHECKED: DJP		