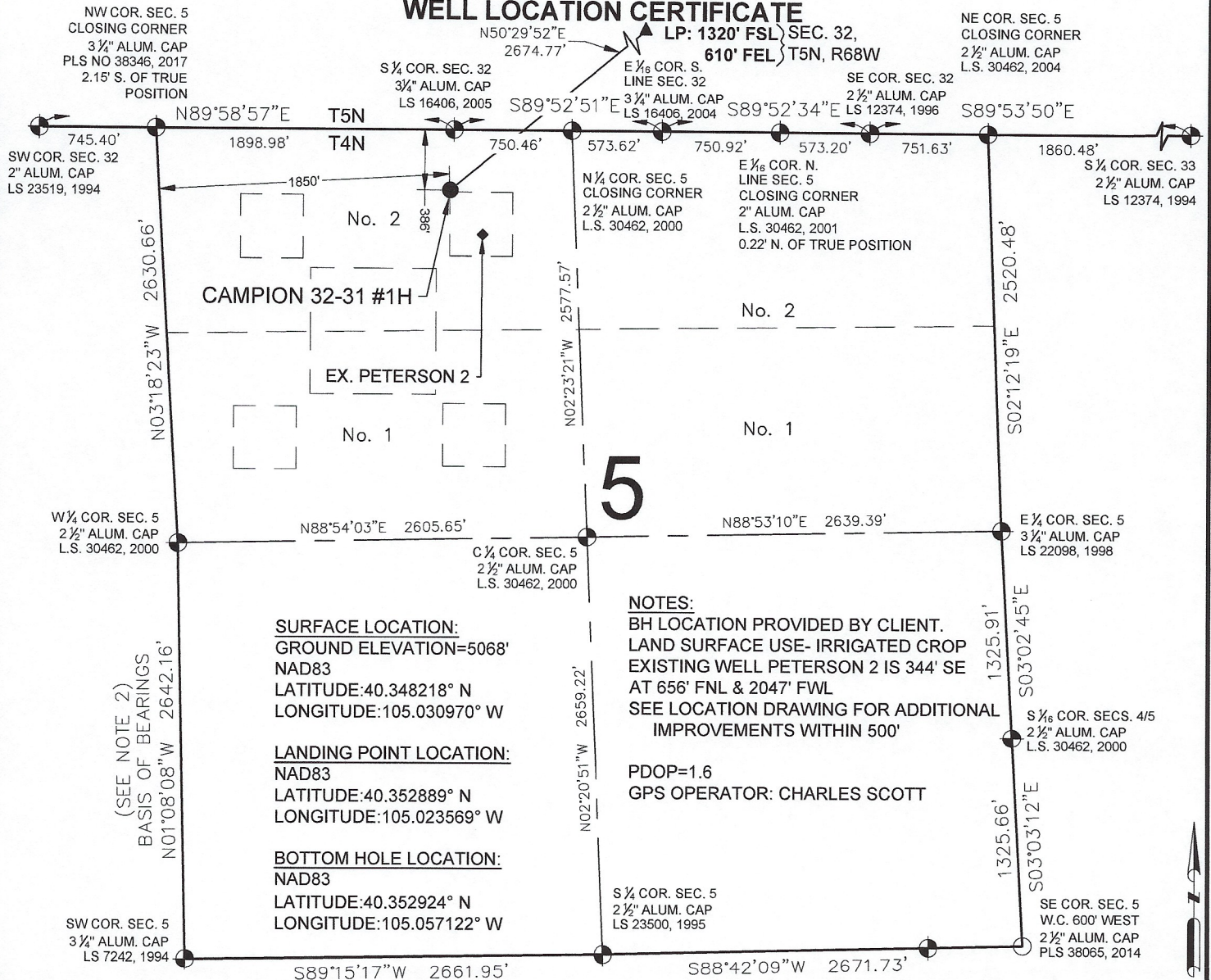


CAMPION 32-31 #1H WELL LOCATION CERTIFICATE



SURFACE LOCATION:
GROUND ELEVATION=5068'
NAD83
LATITUDE:40.348218° N
LONGITUDE:105.030970° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.352889° N
LONGITUDE:105.023569° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.352924° N
LONGITUDE:105.057122° W

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE- IRRIGATED CROP
EXISTING WELL PETERSON 2 IS 344' SE
AT 656' FNL & 2047' FWL
SEE LOCATION DRAWING FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'

PDOP=1.6
GPS OPERATOR: CHARLES SCOTT

S 1/4 COR. SEC. 5
2 1/2" ALUM. CAP
LS 23500, 1995

SE COR. SEC. 5
W.C. 600' WEST
2 1/2" ALUM. CAP
PLS 38065, 2014

LEGEND

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

NOTES:

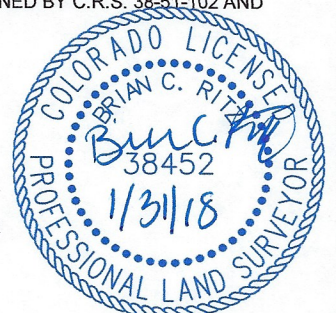
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 5, BEARS N01°08'08"W BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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 40.392540°N, A CENTRAL MERIDIAN LONGITUDE OF 105.002429°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000236 (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 CAMPION 32-31 #1H TO BE LOCATED 386' FNL & 1850' FWL

I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **MAGPIE OPERATING, INC.** 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



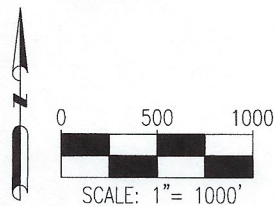
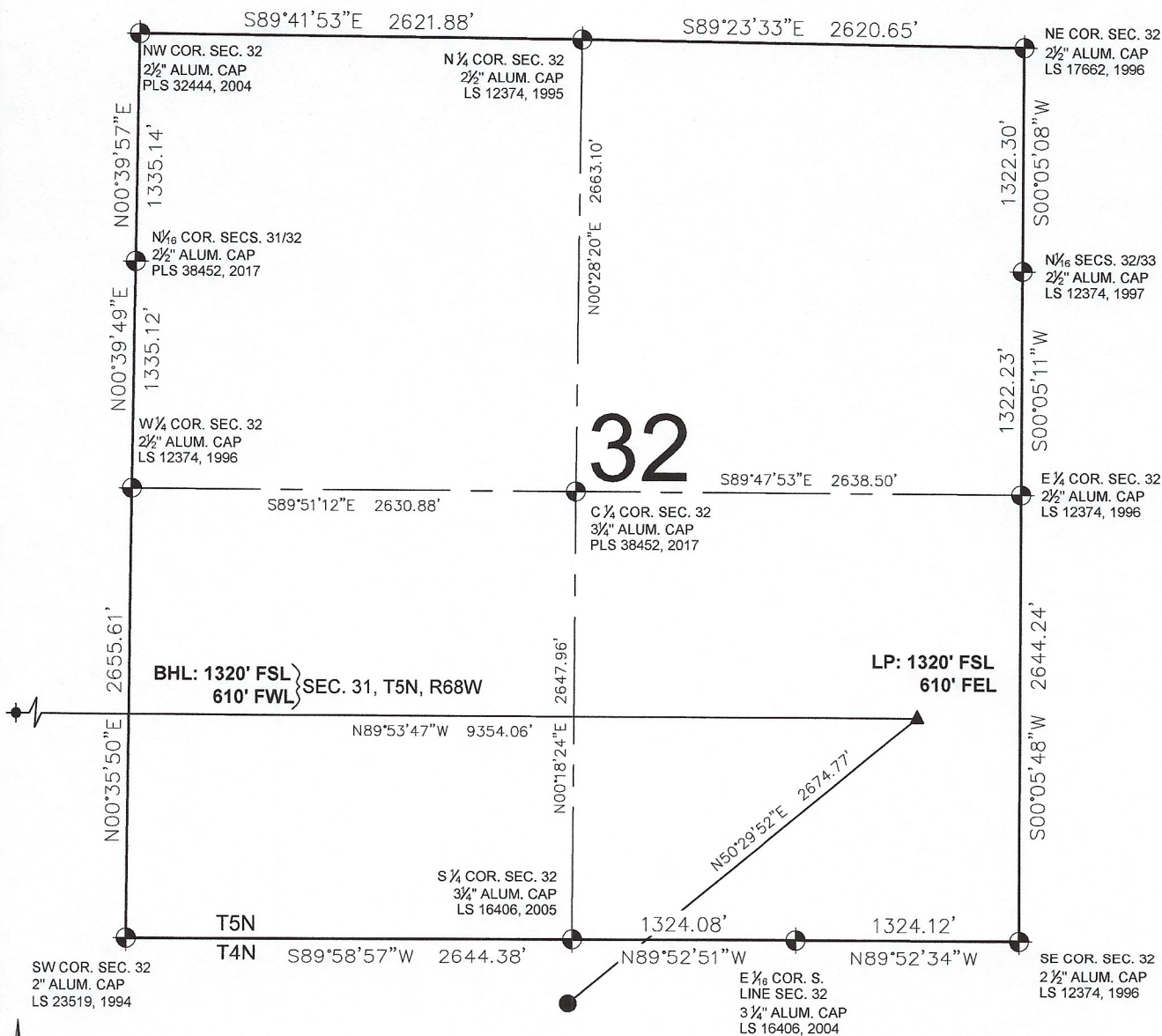
FIELD DATE:
01-05-18
DRAWING DATE:
01-25-18
BY:
MJE
CHECKED:
IJM

WELL NAME:
CAMPION 32-31 #1H
SURFACE LOCATION:
LOT 2 NW 1/4 SEC. 5 T4N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:

**MAGPIE
OPERATING, INC.**

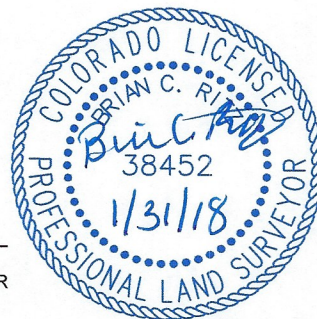
CAMPION 32-31 #1H WELL LOCATION CERTIFICATE




LEGEND

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- = CALCULATED POSITION ▲ = LANDING POINT
- = PROPOSED WELL LP = LANDING POINT
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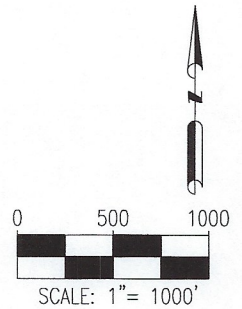
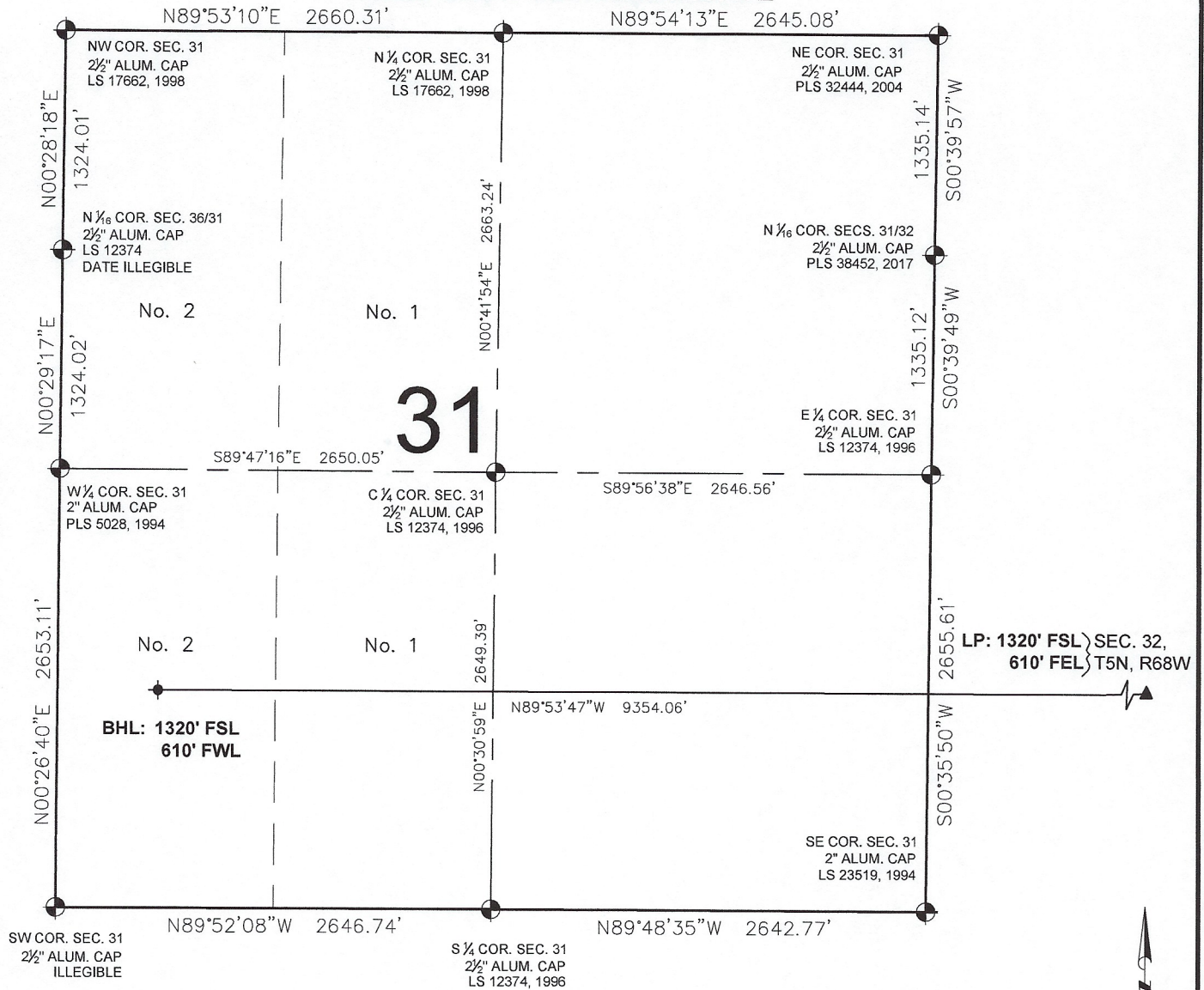
BRIAN C. RITZ, PLS 38452
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 3

 <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 01-05-18	WELL NAME: CAMPION 32-31 #1H	PREPARED FOR: MAGPIE OPERATING, INC.
	DRAWING DATE: 01-25-18	SURFACE LOCATION: LOT 2 NW 1/4 SEC. 5 T4N, R68W, 6TH P.M. WELD COUNTY, COLORADO	
BY: MJE	CHECKED: IJM		

CAMPION 32-31 #1H WELL LOCATION CERTIFICATE



LEGEND

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



SHEET 3 OF 3



FIELD DATE:
01-05-18

DRAWING DATE:
01-25-18

BY:
MJE

CHECKED:
IJM

WELL NAME:
CAMPION 32-31 #1H

SURFACE LOCATION:
LOT 2 NW 1/4 SEC. 5 T4N, R68W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:

MAGPIE
OPERATING, INC.