

BOOTH W-8-7HC WELL LOCATION CERTIFICATE

NW COR. SEC. 8
3/4" ALUM. CAP
LS 20685, 1993

N 1/4 COR. SEC. 8
3/4" ALUM. CAP
LS 7242, 1994

NE COR. SEC. 8
3/4" ALUM. CAP
LS 20685, 1993

BASIS OF BEARINGS (SEE NOTE 2)
N00°25'32"W 2636.57'

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

PDOP=2.1
GPS OPERATOR: ALAN HNIZDO

SURFACE LOCATION:
GROUND ELEVATION=4807'
NAD83
LATITUDE:40.498764° N
LONGITUDE:104.793338° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.496370° N
LONGITUDE:104.788825° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.495615° N
LONGITUDE:104.819338° W

8

N87°46'31"E 2660.41'

N87°46'29"E 2660.60'

W 1/4 COR. SEC. 8
3/4" ALUM. CAP
PLS 38149, 2017

C 1/4 COR. SEC. 8
3/4" ALUM. CAP
LS 33642, 2005

E 1/4 COR. SEC. 8
3/4" ALUM. CAP
PLS 11399, 2007

N00°25'31"W 2636.56'

N00°27'02"W 2650.52'

S00°28'25"E 2664.77'

BOOTH
W-8-7HC

248'

1231'

S55°11'28"E
1528.81'

BHL: 330' FSL
2170' FEL
(SEC. 7)

SW COR. SEC. 8
3/4" ALUM. CAP
PLS 18154, 1998

S88°09'47"W 8492.93'

LP: 335' FSL
1000' FWL
(SEC. 9)

S88°04'35"W 2661.18'

S 1/4 COR. SEC. 8
2 1/2" ALUM. CAP
LS 12374, 1995

S88°04'55"W 2661.27'

SE COR. SEC. 8
3/4" ALUM. CAP
LS 38106, 2011

LEGEND

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

NOTES:

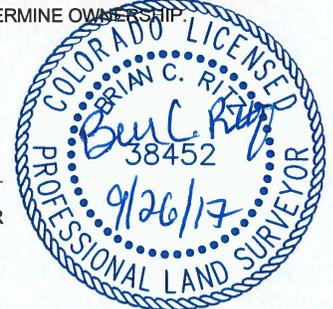
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 8, BEARS N00°25'32"W BETWEEN THE MONUMENTS SHOWN HEREON.
3. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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 40.481168°N, A CENTRAL MERIDIAN LONGITUDE OF 104.773359°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000221 (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 BOOTH W-8-7HC TO BE
LOCATED 1231' FSL & 248' FEL**

I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **BAYSWATER EXPLORATION & PRODUCTION, 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.

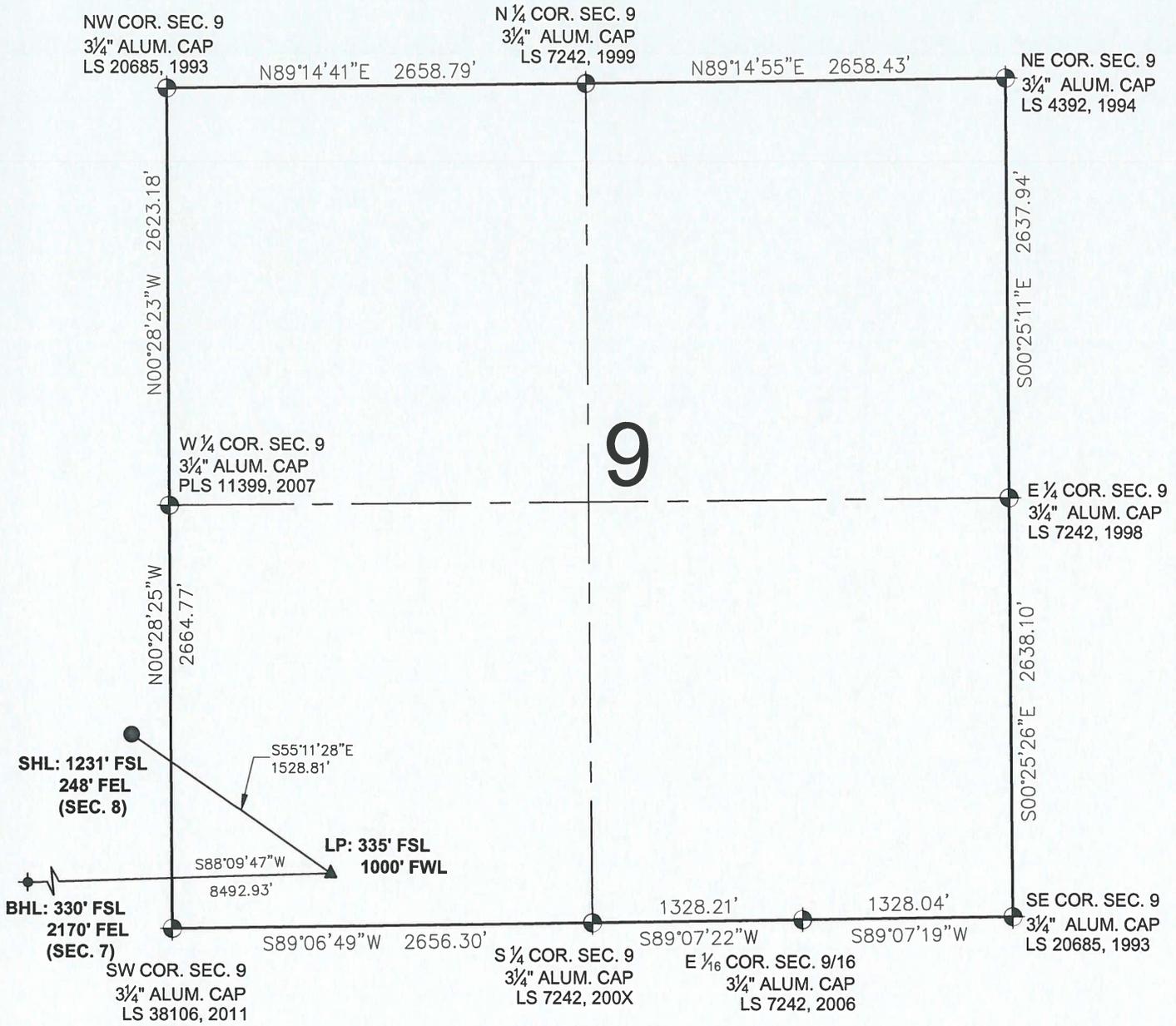
BRIAN C. RITZ, PLS 38452
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 3

PREPARED BY: 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 03-16-17	WELL NAME: BOOTH W-8-7HC	PREPARED FOR:
	DRAWING DATE: 09-25-17	SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 8, T6N, R66W, 6TH P.M.	
BY: CSG	CHECKED BY: WDW		WELD COUNTY, COLORADO

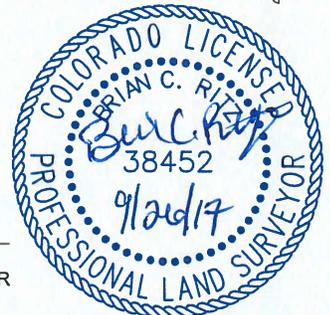
BOOTH W-8-7HC WELL LOCATION CERTIFICATE



LEGEND

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

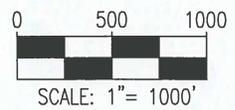
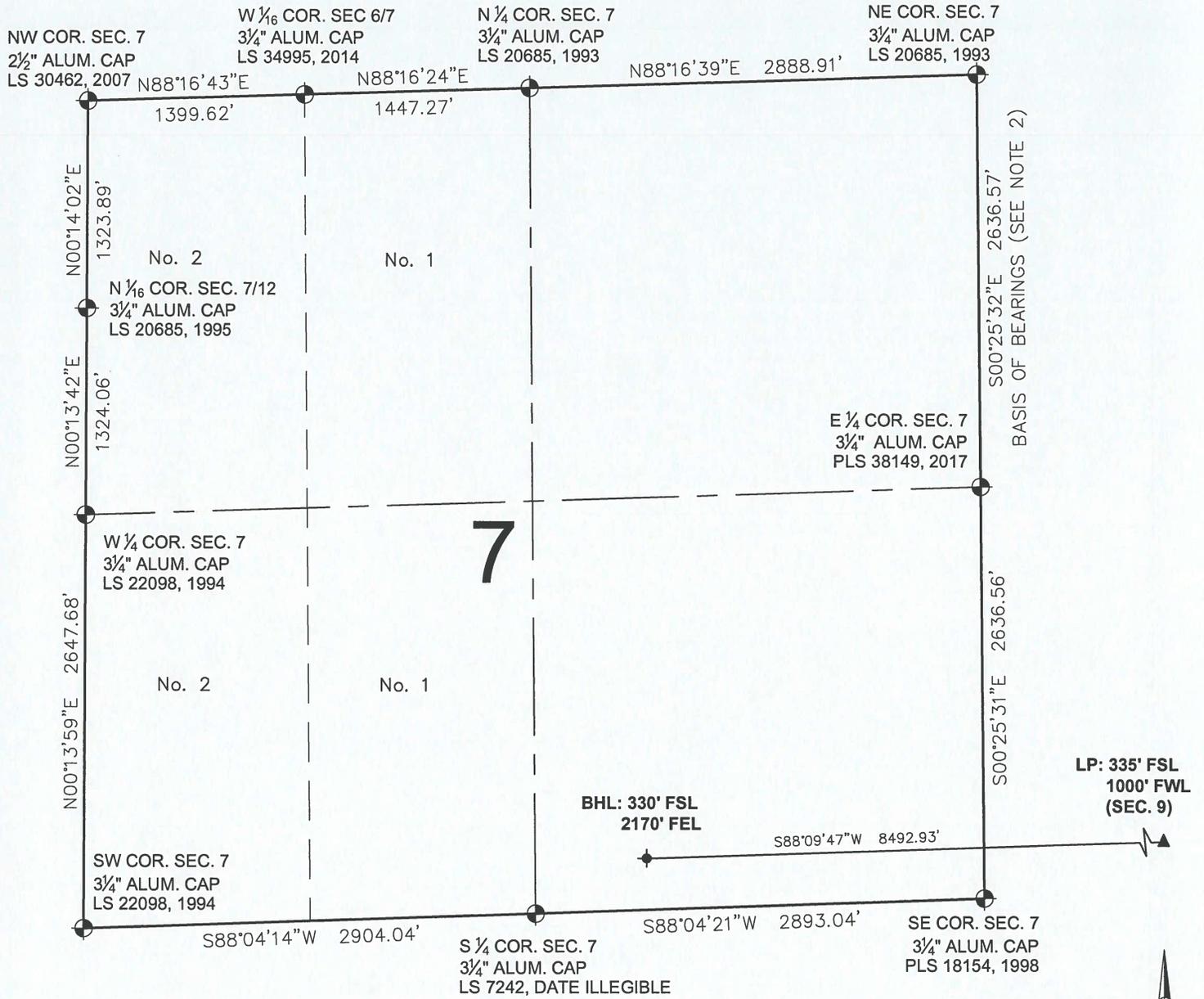
BRIAN C. RITZ, PLS 38452
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 3

PREPARED BY: 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 03-16-17	WELL NAME: BOOTH W-8-7HC	PREPARED FOR: BAYSWATER EXPLORATION AND PRODUCTION, LLC
	DRAWING DATE: 09-25-17	SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 8, T6N, R66W, 6TH P.M. WELD COUNTY, COLORADO	
BY: CSG	CHECKED BY: WDW		

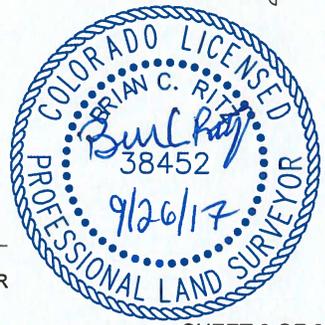
BOOTH W-8-7HC WELL LOCATION CERTIFICATE



LEGEND

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

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



SHEET 3 OF 3

PREPARED BY: 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 03-16-17	WELL NAME: BOOTH W-8-7HC	PREPARED FOR: BAYSWATER EXPLORATION AND PRODUCTION, LLC
	DRAWING DATE: 09-25-17	SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 8, T6N, R66W, 6TH P.M. WELD COUNTY, COLORADO	
BY: CSG	CHECKED BY: WDW		