

# BOOTH V-8-7HN 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 HNZDO

**SURFACE LOCATION:**  
GROUND ELEVATION=4807'  
NAD83  
LATITUDE:40.498805° N  
LONGITUDE:104.793338° W

**LANDING POINT LOCATION:**  
NAD83  
LATITUDE:40.496905° N  
LONGITUDE:104.788830° W

**BOTTOM HOLE LOCATION:**  
NAD83  
LATITUDE:40.496150° N  
LONGITUDE:104.819344° W

N00°27'06"W 2630.20'

S00°28'23"E 2623.18'

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

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

**BOOTH  
V-8-7HN**

S61°04'56"E  
1432.51'

BHL: 525' FSL  
2170' FEL  
(SEC. 7)

N00°25'31"W 2636.56'

N00°27'02"W 2650.52'

2664.77'

S00°28'25"E

LP: 530' FSL  
1000' FWL  
(SEC. 9)

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

S88°09'48"W 8492.76'

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

S88°04'55"W 2661.27'

S88°04'35"W 2661.18'

**LEGEND**

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

**NOTES:**

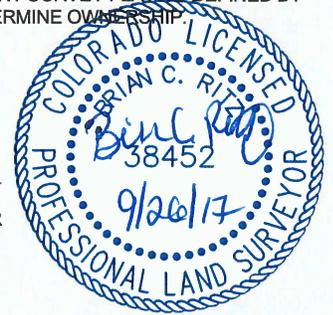
1. THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
2. BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 8, BEARS N00°25'32"W BETWEEN THE MONUMENTS SHOWN HEREON.
3. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES 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 V-8-7HN TO BE  
LOCATED 1246' FSL & 248' FEL**

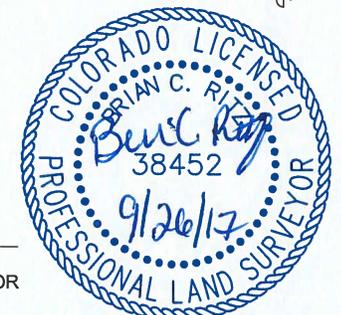
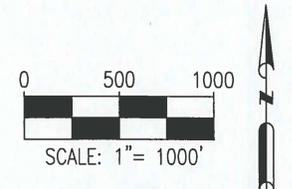
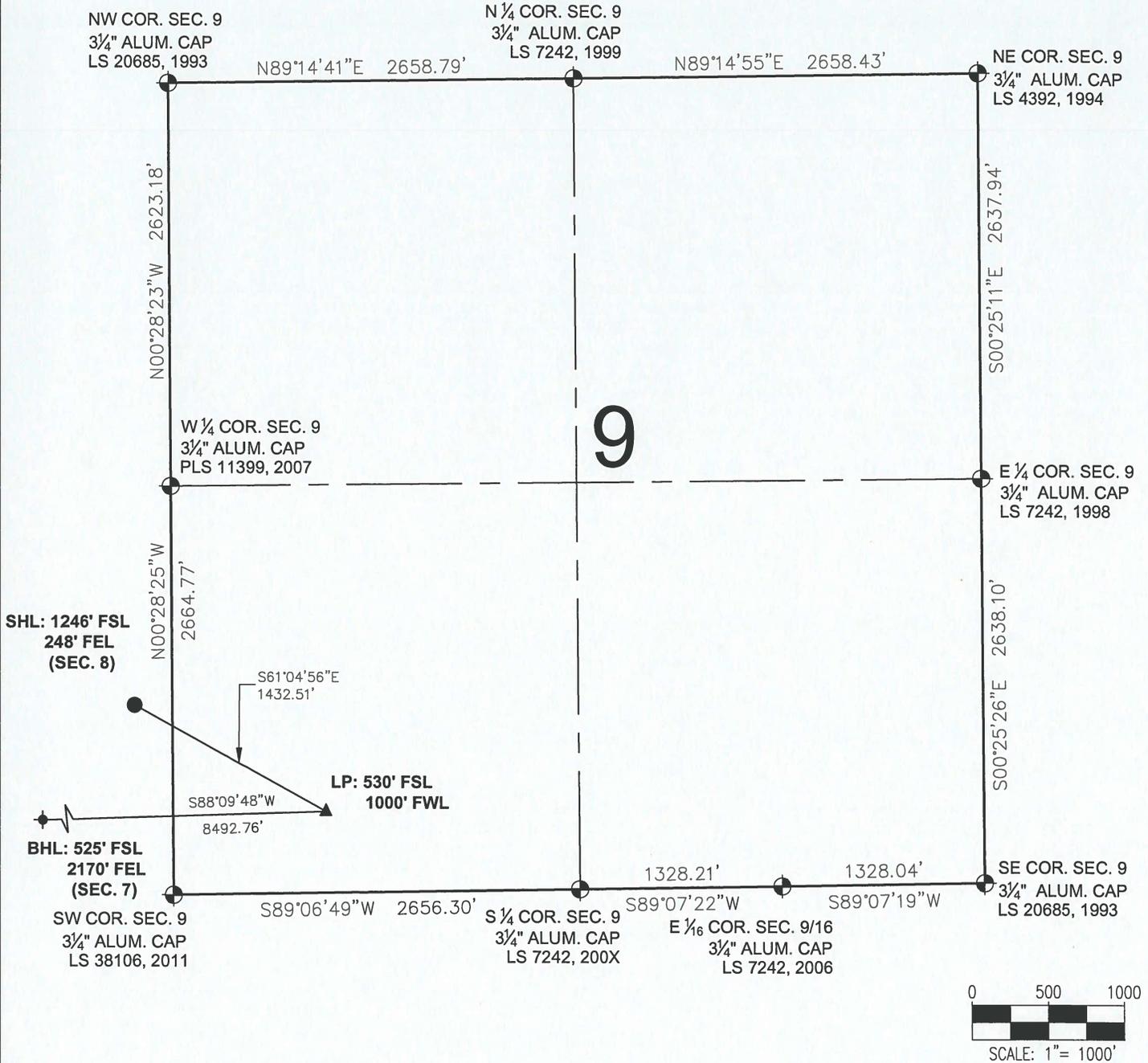
I, BRIAN C. RITZ, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **BAYSWATER EXPLORATION & PRODUCTION, LLC**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS 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



<p>PREPARED BY:</p> <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	<p>FIELD DATE: <b>03-16-17</b></p> <p>DRAWING DATE: <b>09-25-17</b></p> <p>BY: CSG</p>	<p>WELL NAME: <b>BOOTH V-8-7HN</b></p> <p>SURFACE LOCATION: SE 1/4 SE 1/4 SEC. 8, T6N, R66W, 6TH P.M. WELD COUNTY, COLORADO</p>	<p>PREPARED FOR:</p> <p>BAYSWATER EXPLORATION AND PRODUCTION, LLC</p>
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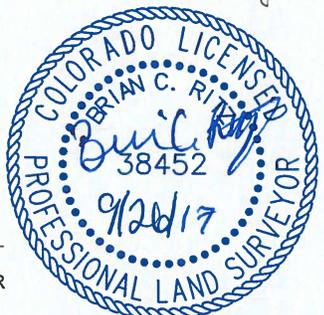
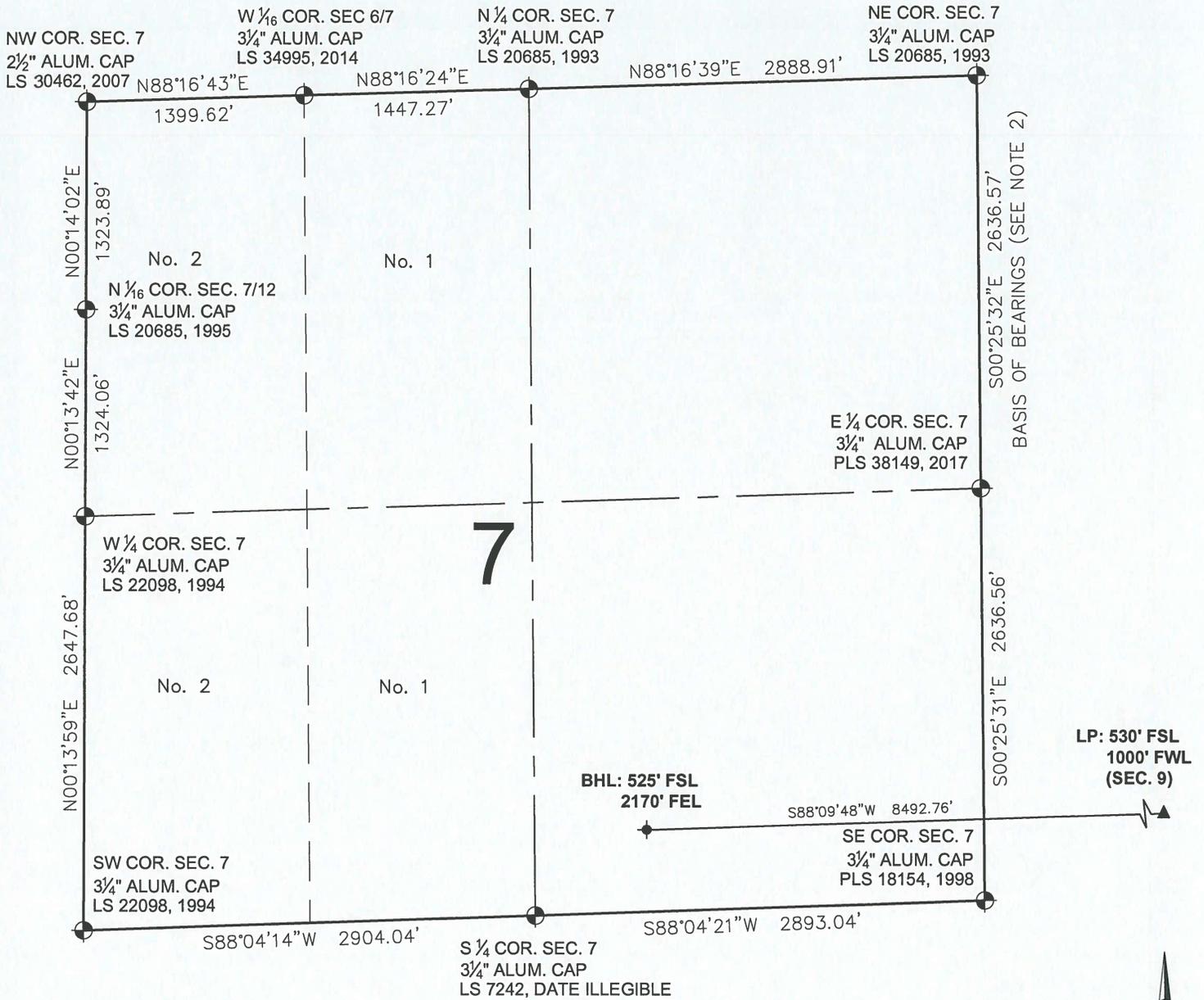
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  - ▲ = LANDING POINT
  - LP = LANDING POINT
  - BHL = BOTTOM HOLE LOCATION
  - SHL = SURFACE HOLE LOCATION

BRIAN C. RITZ, PLS 38452  
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SHEET 2 OF 3

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