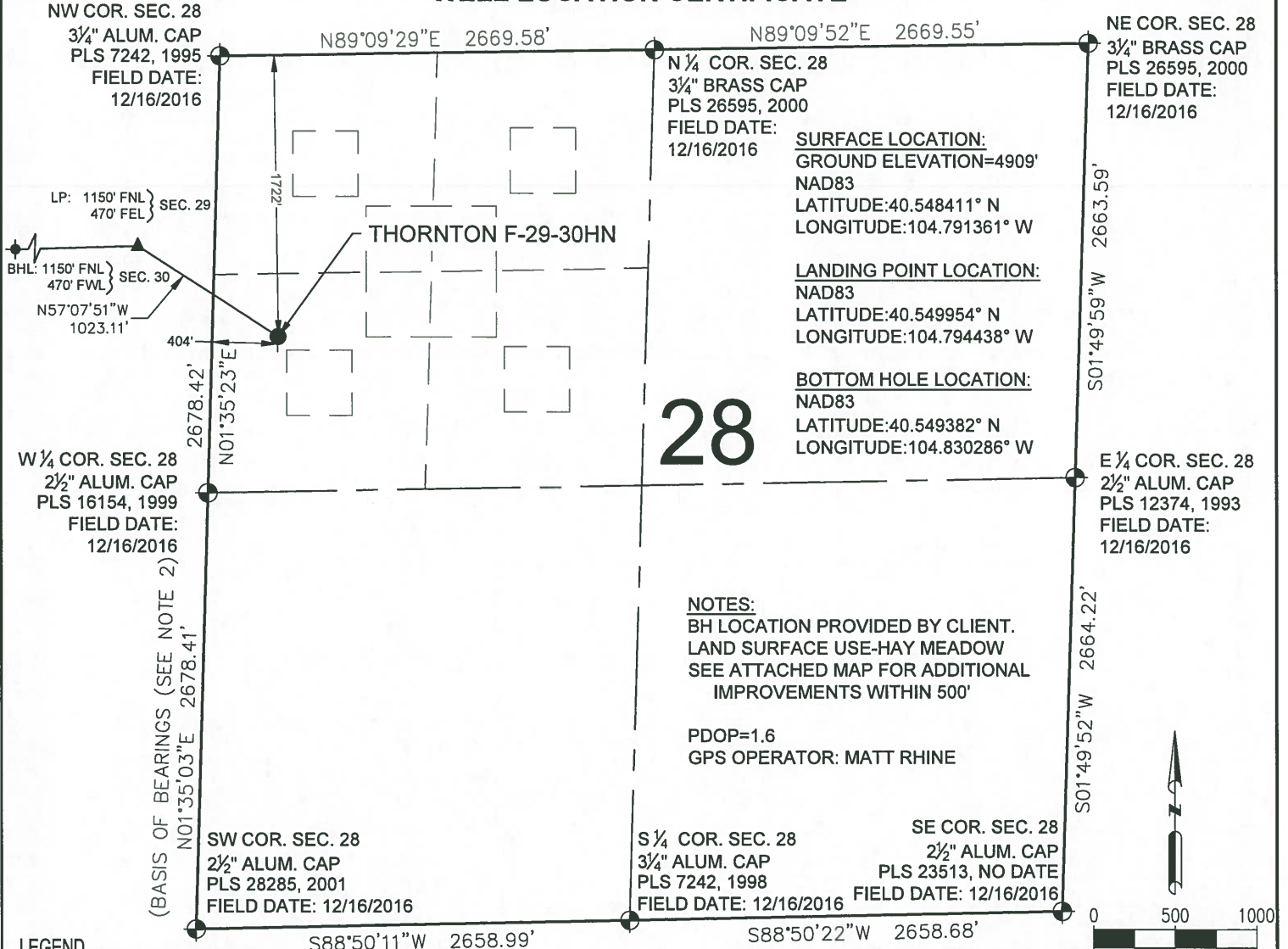


# THORNTON F-29-30HN WELL LOCATION CERTIFICATE



## LEGEND

- EXISTING MONUMENT  
CALCULATED POSITION  
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 28, BEARS N01°35'03"E BETWEEN THE MONUMENTS SHOWN HEREON.
- GRID DISTANCES ARE SHOWN, AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. TO GET GROUND DISTANCES MULTIPLY THE SHOWN DISTANCE BY 1.000264178.
- ELEVATIONS SHOWN ARE NAVD 88, AS DERIVED BY GPS OBSERVATIONS.
- FIELD VERIFICATION OF MONUMENTS COMPLETED WITHIN 1 YEAR OF SIGNATURE DATE UNLESS OTHERWISE NOTED.



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.

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  
d.b.a. ASCENT GEOMATICS SOLUTIONS



SHEET 1 OF 3

PREPARED BY:	FIELD DATE: 04-09-18	WELL NAME: THORNTON F-29-30HN	PREPARED FOR:
 7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	DRAWING DATE: 04-10-18	SURFACE LOCATION: SW 1/4 NW 1/4 SEC. 28, T7N, R66W, 6TH P.M. WELD COUNTY, COLORADO	 BAYSWATER EXPLORATION AND PRODUCTION, LLC
	BY: HED	CHECKED BY: MJW	

# THORNTON F-29-30HN WELL LOCATION CERTIFICATE

NW COR. SEC. 29  
3/4" ALUM. CAP  
PLS 38149, 2016

N 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 36073, 2013

NE COR. SEC. 29  
3/4" ALUM. CAP  
PLS 7242, 1995  
FIELD DATE:  
12/16/2016

N88°43'07"E 2725.80' FIELD DATE: 10/10/2016 N88°43'08"E 2726.08'

S01°15'06"W  
2681.67'

LP: 1150' FNL  
470' FWL

S01°35'23"W  
2678.42'

BHL: 1150' FNL  
470' FWL } SEC. 30

S88°21'20"W 9964.34'

N57°07'51"W  
1023.11'

N00°54'34"E  
2684.93'

C 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 36073, 2013  
FIELD DATE: 3/3/2015

29

N88°38'09"E 2709.93'

N88°38'04"E 2710.43'

W 1/4 COR. SEC. 29  
3/4" ALUM. CAP  
PLS 16425, 2000

E 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 16154, 1999  
FIELD DATE:  
12/16/2016

N00°57'09"E  
1335.87'

S 1/16 COR. SEC. 29/30  
2" ALUM. CAP  
PLS 10855, 1992

S01°15'18"W 2675.13'

S01°35'03"W 2678.41'  
(BASIS OF BEARINGS (SEE NOTE 2))

SW COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 36073, 2013

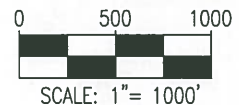
S 1/4 COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 12374, 1996

E 1/16 COR. SEC. 29/32  
3/4" ALUM. CAP  
PLS 22098, 2007

S88°41'26"W  
1347.43'

S88°41'10"W  
1347.48'

SE COR. SEC. 29  
2 1/2" ALUM. CAP  
PLS 28285, 2001  
FIELD DATE:  
12/16/2016





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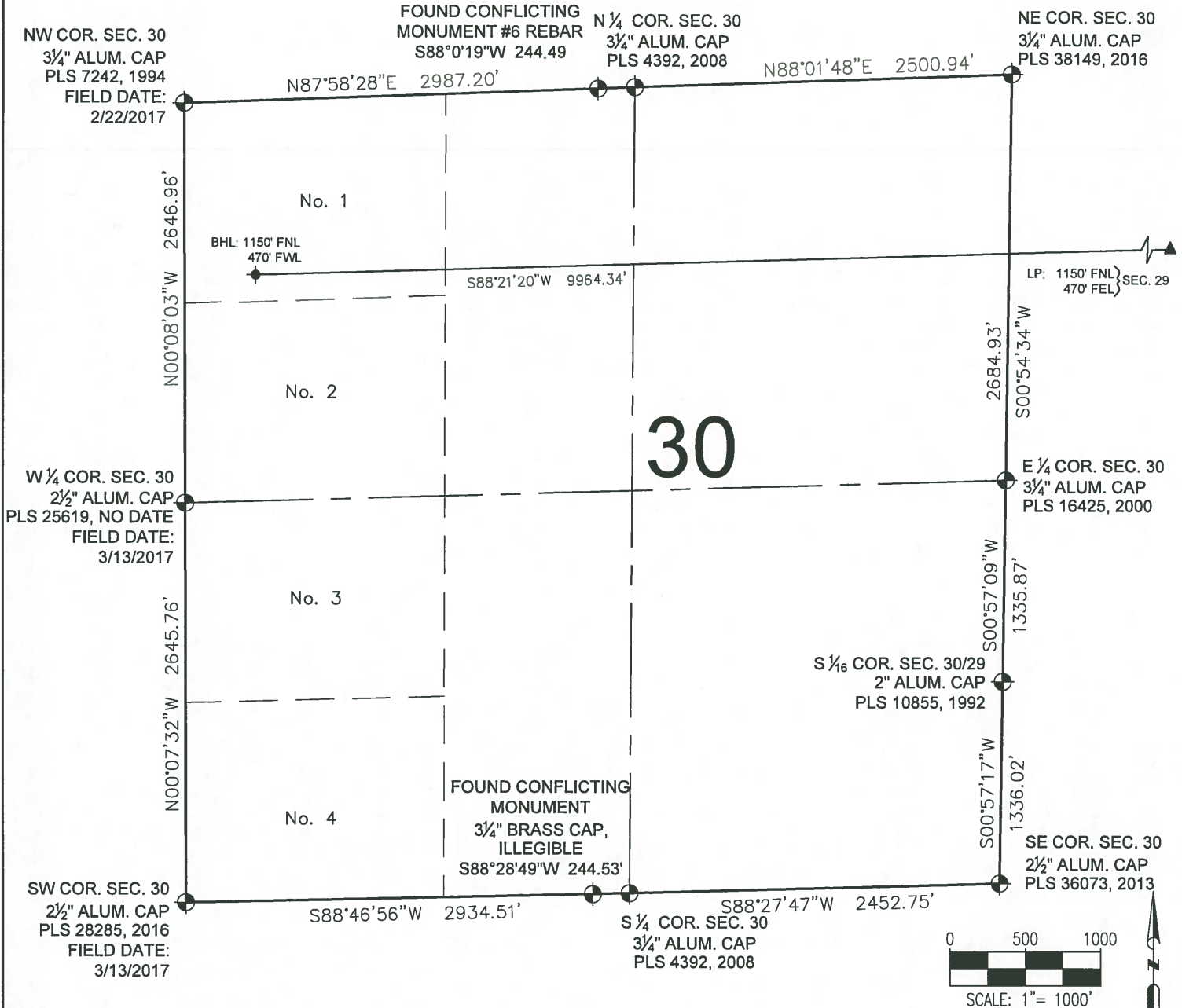
BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
FOR AND ON BEHALF OF P.F.S., LLC  
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SHEET 2 OF 3

<p>PREPARED BY:</p>  <p>7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	<p>FIELD DATE: 04-09-18</p> <p>DRAWING DATE: 04-10-18</p> <p>BY: HED</p> <p>CHECKED BY: MJW</p>	<p>WELL NAME: THORNTON F-29-30HN</p> <p>SURFACE LOCATION: SW 1/4 NW 1/4 SEC. 28, T7N, R66W, 6TH P.M. WELD COUNTY, COLORADO</p>	<p>PREPARED FOR:</p>  <p>BAYSWATER EXPLORATION AND PRODUCTION, LLC</p>
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# THORNTON F-29-30HN WELL LOCATION CERTIFICATE





## LEGEND

- ⊕ = EXISTING MONUMENT
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BRIAN C. RITZ, PLS 38452  
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR  
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SHEET 3 OF 3

<b>PREPARED BY:</b>  7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com	<b>FIELD DATE:</b> 04-09-18 <b>DRAWING DATE:</b> 04-10-18 <b>BY:</b> HED <b>CHECKED BY:</b> MJW	<b>WELL NAME:</b> THORNTON F-29-30HN <b>SURFACE LOCATION:</b> SW 1/4 NW 1/4 SEC. 28, T7N, R66W, 6TH P.M. WELD COUNTY, COLORADO	<b>PREPARED FOR:</b>  BAYSWATER EXPLORATION AND PRODUCTION, LLC
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