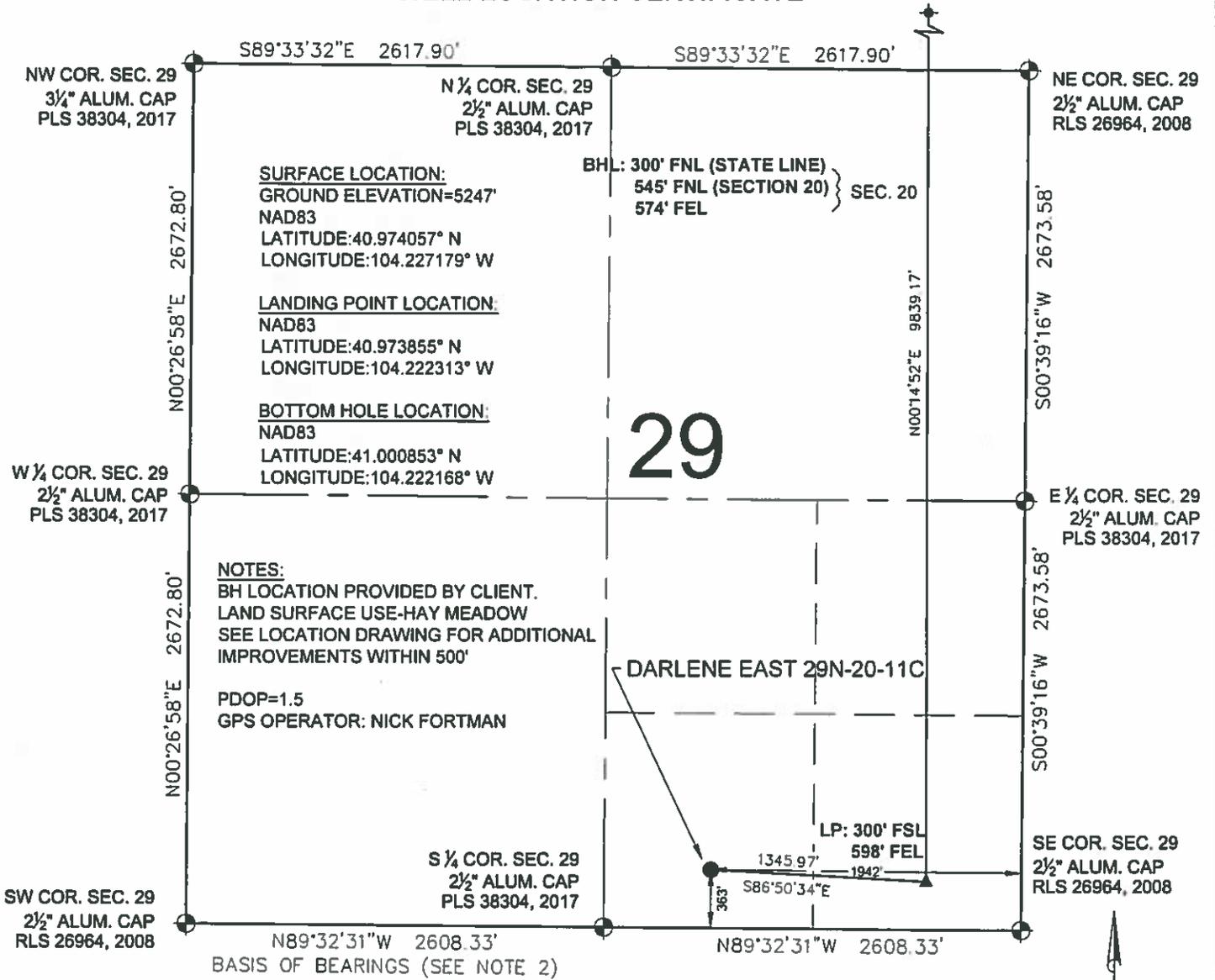


DARLENE EAST 29N-20-11C WELL LOCATION CERTIFICATE



SURFACE LOCATION:
GROUND ELEVATION=5247'
NAD83
LATITUDE:40.974057° N
LONGITUDE:104.227179° W

LANDING POINT LOCATION:
NAD83
LATITUDE:40.973855° N
LONGITUDE:104.222313° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:41.000853° N
LONGITUDE:104.222168° W

BHL: 300' FNL (STATE LINE)
545' FNL (SECTION 20)
574' FEL

29

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

PDOP=1.5
GPS OPERATOR: NICK FORTMAN

DARLENE EAST 29N-20-11C

LP: 300' FSL
598' FEL

1345.97'
S86°50'34\"/>

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

**WELL DARLENE EAST 32S-20-7N TO BE
LOCATED 363' FSL & 1942' FEL**

- 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 1/4 OF SECTION 29, BEARS N89°32'31\"/>

I, MICHAEL L. POOL, A LICENSED PROFESSIONAL LAND SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **EXTRACTION OIL & GAS**, 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.



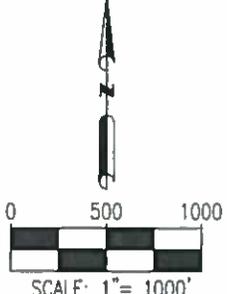
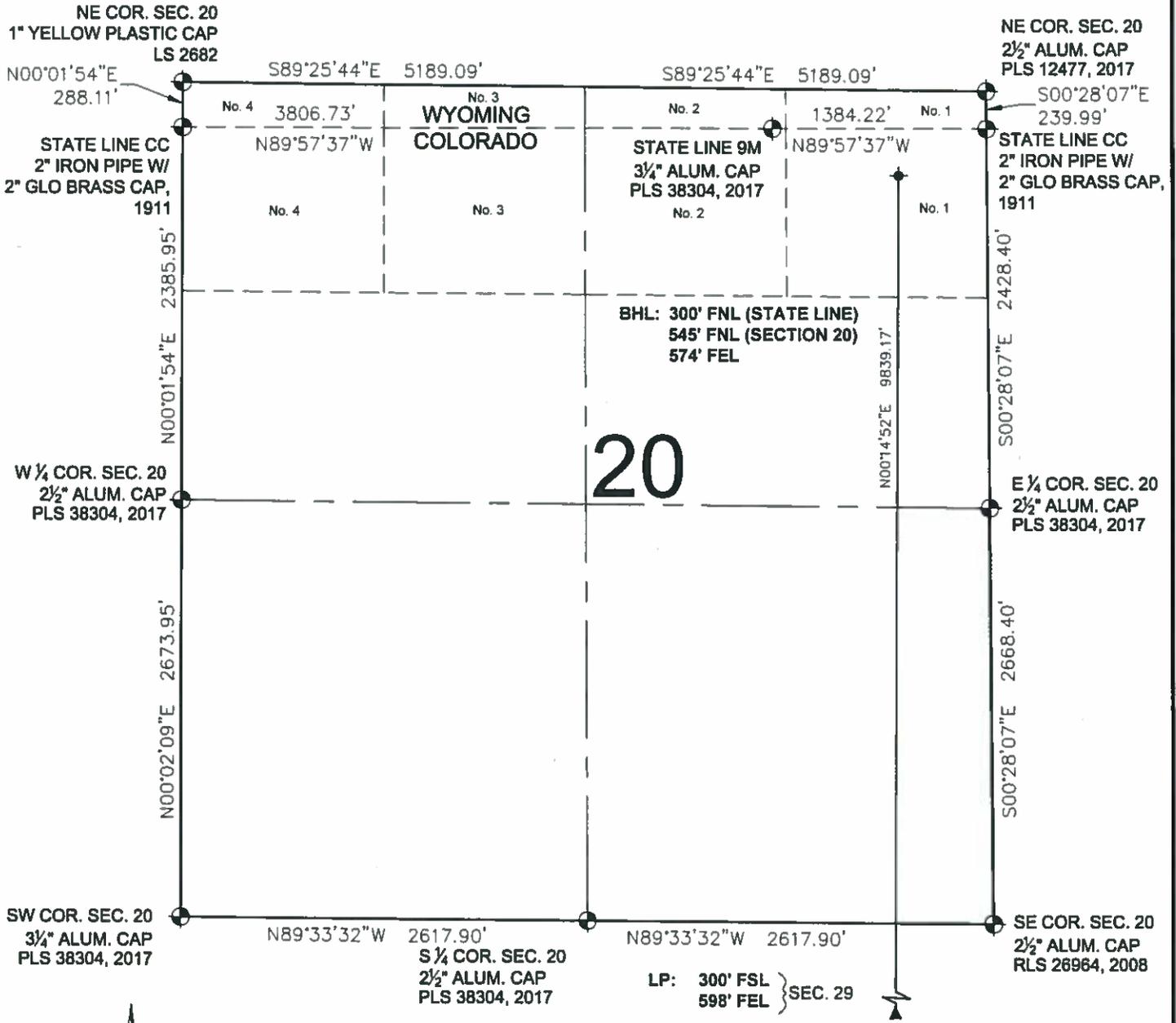
NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC

SHEET 1 OF 2

<p style="font-size: 8px;">2535 Hilltop Circle Denver, CO 80221 (303) 928-7120 www.ascentgeomatics.com</p>	FIELD DATE: 07-14-17	WELL NAME: DARLENE EAST 29N-20-11C	PREPARED FOR:
	DRAWING DATE: 08-22-17	SURFACE LOCATION: SW 1/4 SE 1/4 SEC. 29, T12N, R61W, 6TH P.M. WELD COUNTY, COLORADO	
BY: IJM	CHECKED: RMC		

DARLENE EAST 29N-20-11C WELL LOCATION CERTIFICATE



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

MICHAEL L. POOL, PLS 38304
 COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
 FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 2

<p style="font-size: 8px;">7535 Hilltop Circle Denver, CO 80221 (303) 928-7128 www.ascentgeomatics.com</p>	FIELD DATE: 07-14-17	WELL NAME: DARLENE EAST 29N-20-11C	PREPARED FOR:
	DRAWING DATE: 08-22-17	SURFACE LOCATION: SW 1/4 SE 1/4 SEC. 29, T12N, R61W, 6TH P.M. WELD COUNTY, COLORADO	
BY: IJM	CHECKED: RMC		