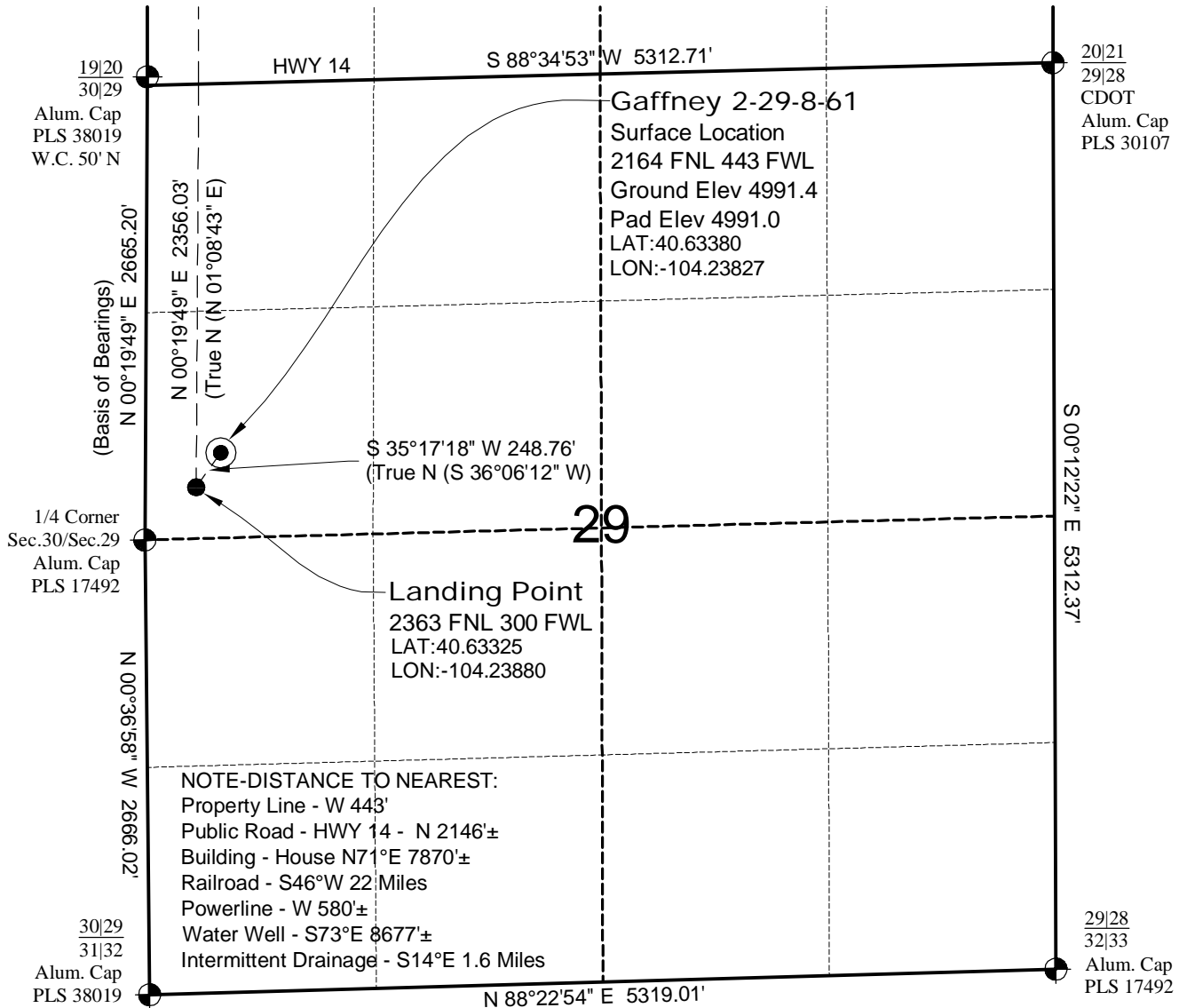


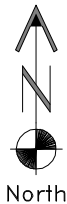
WELL LOCATION MAP

**GAFFNEY
2-29-8-61 PAD**

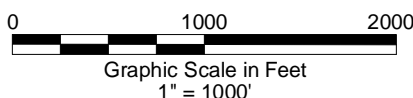


SURVEYOR'S STATEMENT

The undersigned hereby states that the well location shown hereon was staked on the ground based on existing monumentation and/or physical evidence found in the field and is correct to the best of my knowledge, information and belief.

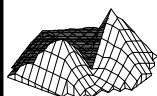


North



NOTES

- 1.) Horizontal coordinates based on NGS control point "SNOW" and vertical datum based on NGS control point "G 209" with an elevation of 4955.32. NAVD 1988.
- 2.) All directions, distances, and dimensions shown hereon are based on coordinates from the "Colorado coordinate system of 1983 north zone" (article 52 of title 38, C.R.S.).
- 3.) All section line dimensions shown hereon are based on field measurements of existing monuments and/or physical evidence found in the field unless otherwise indicated.
- 4.) Physical features shown hereon are for graphical representation only.
- 5.) See Form 2A for visible improvements within 500' of wellhead.
- 6.) Distances to nearest section lines are measured perpendicularly.
- 7.) This is not a land survey nor land survey plat.
- 8.) Date of Survey 10/3/13; Date of Drawing 10/7/13. REV 3
PDOP Reading: 2.8 Instrument Operator: Marc Woodard



LAND SURVEYING AND MAPPING
LAFAYETTE - WINTER PARK
Ph 303 666 0379 Fx 303 665 6320

CARRIZO NIOBRARA LLC
GAFFNEY 2-29-8-61

SL SW1/4 NW1/4 SEC. 29 T8N R61W
HL TD NW1/4 NW1/4 SEC. 20 T8N R61W
6th PM WELD COUNTY COLORADO

HORIZONTAL LATERAL TD MAP

**GAFFNEY
2-29-8-61 PAD**

18|17
19|20
Alum. Cap
PLS 17492

17|16
20|21
Alum. Cap
PLS 29285

N 88°56'37" E 5309.72'

Horizontal
Lateral TD
300 FNL
300 FWL
LAT:40.65352
LON:-104.23834

N 00°05'48" E 5324.20'

N 00°05'48" E 5030.79'
(True N (N 00°05'42" E))

Horizontal Lateral

20

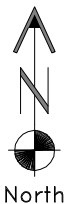
N 00°04'22" E 5290.54'

HWY 14

S 88°34'53" W 5312.71'

19|20
30|29
Alum. Cap
PLS 38019
W.C. 50' N

20|21
29|28
CDOT
Alum. Cap
PLS 30107



0 1000 2000
Graphic Scale in Feet
1" = 1000'



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SL SW1/4 NW1/4 SEC. 29 T8N R61W
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