

Well Location Information

Well Name: **Beierle 1**

API # **0512310372**

QtrQtr: **SENE**

Section: **26**

Township: **1N**

Range: **66W**

Meridian: **6th**

Latitude: **40.025116 N**

Longitude: **-104.738734 W**

GPS Antenna Make/Model: **Trimble R8 Model 2 GNSS**

County: **Weld**

GPS Data

Date of Measurement: **9-24-2014**

PDOP: **1.4**

Instrument Operators Name: **Derik Drinnen S&S Outfitters,LLC**

FILE: 45652671.14o OP1411670097448

NGS OPUS-RS SOLUTION REPORT

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All computed coordinate accuracies are listed as 1-sigma RMS values.
For additional information:

<http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy>

USER: ddrinnen@hotmail.com DATE: September 25,
2014
RINEX FILE: 4565267q.14o TIME: 18:36:35 UTC

SOFTWARE: rsgps 1.37 RS94.prl 1.99.2 START: 2014/09/24
16:42:15
EPHEMERIS: igr18113.eph [rapid] STOP: 2014/09/24
17:13:30
NAV FILE: brdc2670.14n OBS USED: 2790 / 3375
: 83%
ANT NAME: TRMR8_GNSS NONE QUALITY IND. 9.59/ 25.69
ARP HEIGHT: 2.000 NORMALIZED RMS: 0.336

REF FRAME: NAD_83(2011)(EPOCH:2010.0000) IGS08
(EPOCH:2014.73070)

X: -1244605.457(m) 0.011(m) -1244606.288(m)
0.011(m)
Y: -4731120.731(m) 0.032(m) -4731119.414(m)
0.032(m)
Z: 4081108.863(m) 0.026(m) 4081108.766(m)
0.026(m)

LAT: 40 1 30.41886 0.009(m) 40 1 30.43860
0.009(m)
E LON: 255 15 40.55662 0.008(m) 255 15 40.50861
0.008(m)
W LON: 104 44 19.44338 0.008(m) 104 44 19.49139
0.008(m)
EL HGT: 1535.236(m) 0.041(m) 1534.360(m)
0.041(m)
ORTHO HGT: 1553.466(m) 0.048(m) [NAVD88 (Computed using
GEOID12A)]

	UTM COORDINATES	STATE PLANE COORDINATES
	UTM (Zone 13)	SPC (0501 CO N)
Northing (Y) [meters]	4430577.583	381888.093
Easting (X) [meters]	522293.405	979382.320
Convergence [degrees]	0.16802678	0.49187926
Point Scale	0.99960612	0.99996456
Combined Factor	0.99936543	0.99972378

US NATIONAL GRID DESIGNATOR: 13TEE2229330577(NAD 83)

BASE STATIONS USED

PID	DESIGNATION	LATITUDE	LONGITUDE
DISTANCE(m)			
AI2151	DSRC BOULDER CORS ARP	N395929.130	W1051539.675
44762.5			
AF9516	TMGO TABLE MOUNTAIN CORS ARP	N400751.345	W1051357.716
43752.0			
DF9219	ZDV1 DENVER WAAS 1 CORS ARP	N401114.272	W1050737.959
37710.0			
AF9517	PLTC PLATTEVILLE CORS ARP	N401053.712	W1044333.332
17412.4			
DH4516	P044 AKRONARPT_CO2004 CORS ARP	N401018.424	W1031320.900
130341.1			
DL2742	COFC FORT COLLINS CORS ARP	N403536.108	W1050937.568
72587.7			
DM5962	CTMC CDOT GOLDEN CORS ARP	N394317.493	W1051134.335
51450.7			
DG6515	WYLC LARAMIE COUNTY CORS ARP	N410616.294	W1044631.293
119934.0			
AI7401	AMC2 ALTERNATE MASTER CORS ARP	N384811.226	W1043128.496
136953.0			

NEAREST NGS PUBLISHED CONTROL POINT			
LL1238	BRIGHTON 2	N400141.345	W1044530.142
1707.8			

This position and the above vector components were computed without any knowledge by the National Geodetic Survey regarding the equipment or field operating procedures used.

Beierle #1 Looking North

9/11/2014

API 05-123-10372



Beierle #1 Looking South
9/11/2014
API 05-123-10372



Beierle #1 Looking East

9/11/14

API 05-123-10372



Beierle #1 Looking West
9/11/14
05-123-10372

