

# State of Wyoming Corner Record

(In compliance with the **CORNER PERPETUATION AND FILING ACT**, Wyoming Statutes, 1997 Section 33-29-140 et. seq., and the Rules and Regulations of the Board of Professional Engineers and Professional Land Surveyors)



RECP #: 694998

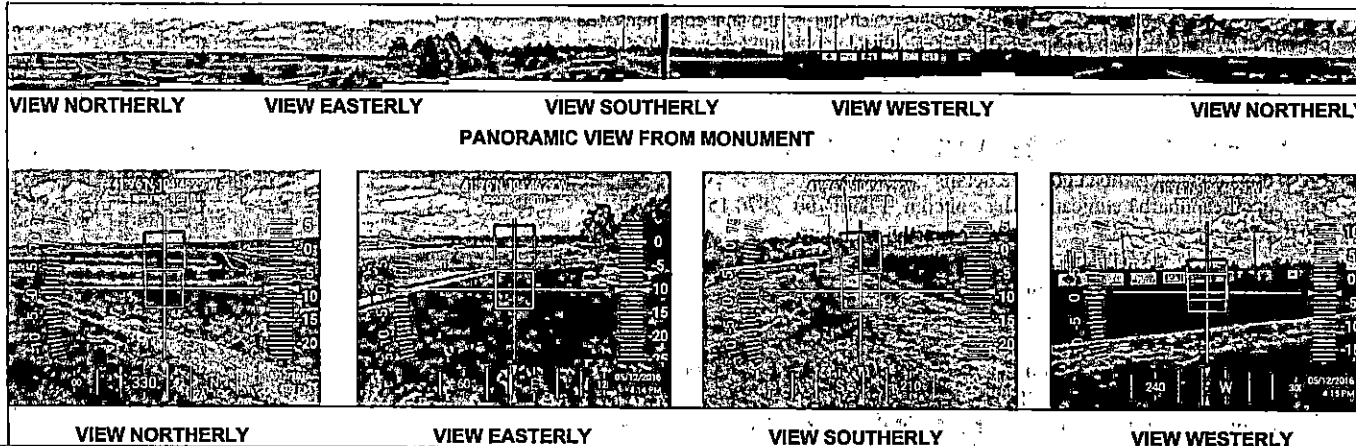
Reverse side of this form may be used if more space is needed.

RECORDED 10/26/2016 AT 2:11 PM BK# 2521 PG# 179  
Debra K. Lee, CLERK OF LARAMIE COUNTY, WY PAGE 1 OF 2

Record of original survey and citation of source of historical information (if corner is lost or obliterated). Description of corner monumentation evidence found and/or monument and accessories established to perpetuate the location of this corner. Sketch of relative location of monument, accessories, and reference points with course and distance to adjacent corner(s) (if determined in this survey). Method and rationale for reestablishment of lost or obliterated corner.

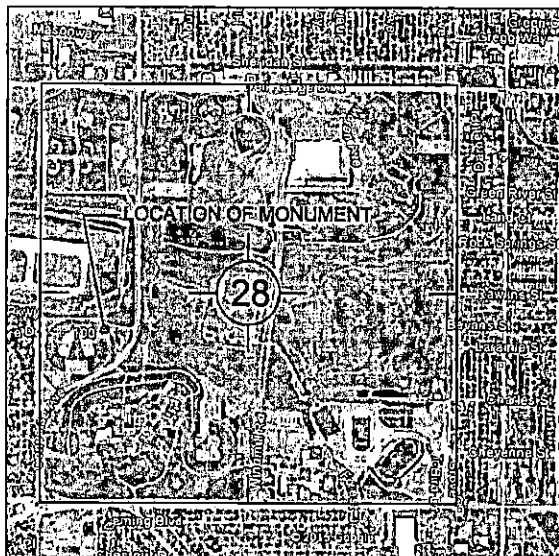
FOUND: Nothing - Original survey to establish this monument

SET: See back of this form for description and OPUS position information.

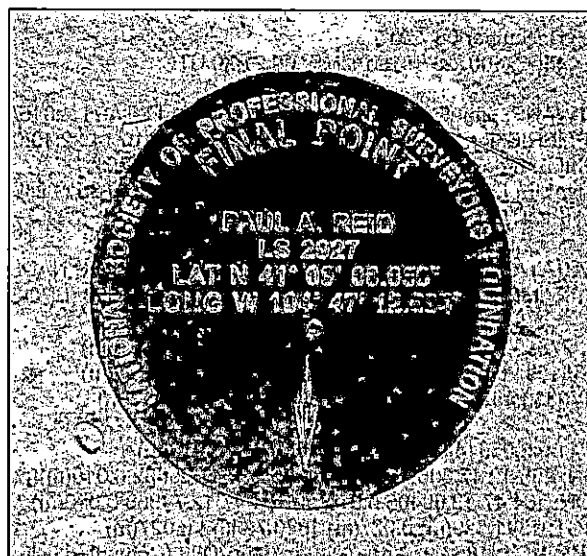


VIEW NORTHERLY      VIEW EASTERLY      VIEW SOUTHERLY      VIEW WESTERLY

VIEW NORTHERLY      VIEW EASTERLY      VIEW SOUTHERLY      VIEW WESTERLY



Monument location



Monument Inscription

Date of Field Work: 12/6/2015

Office Reference: Paul Reid Final Point

### Cross Index Plat

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	A
B	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	B
C	+	6	+	5	+	4	+	3	+	2	+	1	+	+	+	+	+	+	+	+	+	+	+	+	C	
D	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	D	
E	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	E	
F	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	F	
G	+	7	+	8	+	9	+	10	+	11	+	12	+	+	+	+	+	+	+	+	+	+	+	+	G	
H	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	H	
J	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	J	
K	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	K	
L	+	18	+	17	+	16	+	15	+	14	+	13	+	+	+	+	+	+	+	+	+	+	+	+	L	
M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
N	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	N	
O	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	O	
P	+	19	+	20	+	21	+	22	+	23	+	24	+	+	+	+	+	+	+	+	+	+	+	+	P	
Q	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Q	
R	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	R	
S	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	S	
T	+	30	+	29	+	28	+	27	+	26	+	25	+	+	+	+	+	+	+	+	+	+	+	+	T	
U	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	U	
V	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	V	
W	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	W	
X	+	31	+	32	+	33	+	34	+	35	+	36	+	+	+	+	+	+	+	+	+	+	+	+	X	
Y	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Y	
Z	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	Z	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	

Firm/Agency, Address

S. Dennis Dawson  
Cornerstone Surveying Company  
4005 Snyder Ave  
Cheyenne, Wyoming, 82001  
Telephone Number: 307-421-9932

This corner record was prepared by me or under my direction and supervision:

SEAL & SIGNATURE



Corner Name: Paul A Reid Memorial Section 28, T 14 N, R 66 W, 6th P.M. Cross-Index No.: T2-9.2

County: Laramie Wyoming

SBRPEPLS/PLSW: March 1994; PLSW January 1998

# State of Wyoming Corner Record

(In compliance with the **CORNER PERPETUATION AND FILING ACT**, Wyoming Statutes, 1997 Section 33-29-140 et. seq., and the Rules and Regulations of the Board of Professional Engineers and Professional Land Surveyors)

Reverse side of this form may be used if more space is needed.

Record of original survey and citation of source of historical information (if corner is lost or obliterated). Description of corner monumentation evidence found and/or monument and accessories established to perpetuate the location of this corner. Sketch of relative location of monument, accessories, and reference points with course and distance to adjacent corner(s) (if determined in this survey). Method and rationale for reestablishment of lost or obliterated corner.

SET: 3 1/2" Brass Cap inscribed as shown below on a 5/8" X 30" rebar set in a 2' x 2' Concrete Pad on East side of Ball Diamonds for a supplemental City of Cheyenne Control Point.

On December 6, 2015 a 2 Hour OPUS occupation which utilized the final ephemeris was performed by using a Leica Gionass/GPS 1200 Receiver connected to Leica 1202GG antenna which yields the following results and as documented on the OPUS report which is presented below:

## OPUS solution : 100\_2870.15o OP1449361271219

From opus opus@ngs.noaa.govhide details  
To dennieandbarb dennieandbarb@aol.com FILE: 100\_2870.15o  
OP1449361271219

## NGS OPUS SOLUTION REPORT

All computed coordinate accuracies are listed as peak-to-peak values.  
For additional information: [HYPERLINK](http://www.ngs.noaa.gov/OPUS/about.jsp)  
"http://www.ngs.noaa.gov/OPUS/about.jsp" \ "accuracy" \  
" blank" http://www.ngs.noaa.gov/OPUS/about.jsp#accuracy

DATE: December 06, 2015  
RINEX FILE: 100\_287u.15o TIME: 00:21:39 UTC

SOFTWARE: page5 1209.04 master91.pl 022814 START: 2015/10/14 20:04:00  
EPHEMERIS: igs18663.eph [precise] STOP: 2015/10/14 22:10:00  
NAV FILE: brdc2870.15n OBS USED: 5345 / 5606 : 95%  
ANT NAME: LEIAX1202GG NONE # FIXED AMB: 31 / 35 : 89%  
ARP HEIGHT: 1.574 OVERALL RMS: 0.013(m)

**METADATA:** WYOMING STATE PLANE COORDINATES NAD83-2011  
REF FRAME: NAD\_83(2011)(EPOCH:2010.0000) IGS08 (EPOCH:2015.7860)

X: -1227859.653(m) 0.009(m) -1227860.506(m) 0.009(m)  
Y: -4651581.618(m) 0.027(m) -4651580.314(m) 0.027(m)  
Z: 4176333.452(m) 0.012(m) 4176333.361(m) 0.012(m)

LAT: 41 9 6.05014 0.016(m) 41 9 6.07017 0.016(m)  
E LON: 255 12 47.30595 0.010(m) 255 12 47.25632 0.010(m)  
W LON: 104 47 12.69405 0.010(m) 104 47 12.74368 0.010(m)  
EL HGT: 1841.569(m) 0.027(m) 1840.723(m) 0.027(m)  
ORTHO HGT: 1857.936(m) 0.049(m) [NAVD88 (Computed using GEOID12B)]

## UTM COORDINATES STATE PLANE COORDINATES

UTM (Zone 13) SPC (4901 WY E)  
Northing (Y) [meters] 4555617.159 72434.495  
Easting (X) [meters] 517884.295 231879.820  
Convergence [degrees] 0.14025850 0.24993601  
Point Scale 0.99960394 0.99995000  
Combined Factor 0.99931527 0.99966123



RECP #: 694998  
RECORDED 10/26/2016 AT 2:11 PM BK# 2521 PG# 180  
Debra K. Lee, CLERK OF LARAMIE COUNTY, WY PAGE 2 OF 2

US NATIONAL GRID DESIGNATOR: 13TEF1788455617(NAD 83)

## BASE STATIONS USED

PID DESIGNATION LATITUDE LONGITUDE DISTANCE(m)  
AF9516 TMGO TABLE MOUNTAIN CORS ARP N400751.345 W1051357.716  
119491.4  
DL2742 COFC FORT COLLINS CORS ARP N403536.108 W1050937.568  
69559.6  
DG6515 WYLC LARAMIE COUNTY CORS ARP N410616.294 W1044631.293  
5326.6

NEAREST NGS PUBLISHED CONTROL POINT  
DH3526 CYSC N410908.915 W1044722.247 239.4

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.

S. Dennis Dawson  
Cornerstone Surveying Company  
4005 Snyder Ave  
Cheyenne, Wyoming, 82001  
307-421-9932

Date of Field Work: 12/6/2015 Office Reference: Paul Reid Final Point

Corner Name Paul A Reid Memorial Section 28, T 14 N, R 66 W, 6th P.M. Cross-Index No.: T2-92

County: Laramie Wyoming

SBRPEPLS/PLSW: March 1994; PLSW January 1998