

approved by 1.  
Hon Com<sup>r</sup> Feb 23. 95.

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FIELD NOTES

~~GENERAL LAND OFFICE~~

of the Resurvey of the  
Camp Thomas  
abandoned Mil Res<sup>n</sup>  
Arizona

By L. D. Chillson, D. S.

Contract 33

November 6, 1893.

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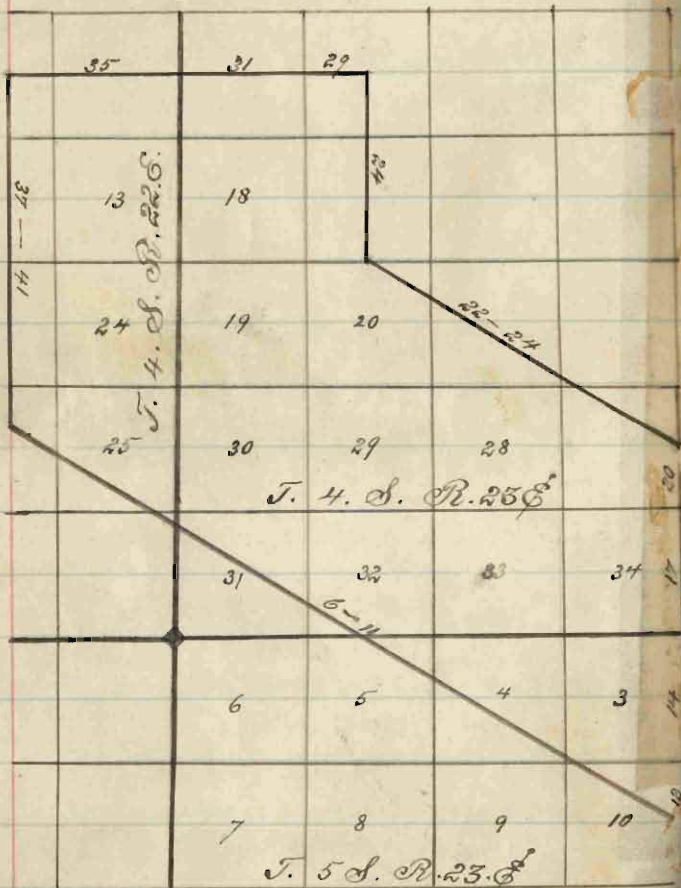
Field Notes  
of the  
Resurvey of the  
Exterior Boundaries  
of  
Camp Thomas  
(abandoned)  
Military Reservation  
— Arizona —  
As surveyed by  
Lorenzo Dow Chilson  
U. S. Deputy Surveyor  
Under his Contract  
— No 33 —

Dated November 6<sup>th</sup> 1893  
Survey commenced May 30, 1894  
Survey completed June 7<sup>th</sup> 1894

1789

Index

Camps Thomas (abandoned) Mil. Re.





2A

Preliminary Oaths of Assistants.

We, A. J. Howard and  
Wm<sup>m</sup> Oglesby & Vincent Morenz  
do solemnly swear that we will well and faithfully  
execute the duties of Chain Carriers; that we will  
level the chain upon even and uneven ground, and  
plumb the tally pins, either by sticking or dropping  
the same; that we will report the true distance to  
all notable objects, and the true lengths of all lines  
that we assist in measuring, to the best of our skill  
and ability, and in accordance with instructions  
given us, in the survey of the exterior

boundaries of the Camp  
Thomas abandoned Milit  
ary Reservation

~~of the Gila and Salt River Base and Meridian in  
the Territory of Arizona.~~

<sup>his</sup>  
A. J. X Howard Chainman.

Witnesses to the mark  
I. D. (Chilson) } mark of A. J. Howard Chainman.

T. D. Barnatt } W. Oglesby Chainman.

Vincent Morenz Chainman.

Subscribed and sworn before me, this 30

day of May \_\_\_\_\_ 1894

I. D. Chilson

Notary Public.

[SEAL.]

We, C. J. Thompson

Rodrigo Barella

do solemnly swear that we will well and truly perform the duties of Flagman and axeman

in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the exterior boundaries of the Camp Thomas abandoned Military Reservation

~~of the Gila and Salt River Base and Meridian, in the Territory of Arizona.~~

Flagman - C. J. Thompson

Axman - <sup>Witness</sup> Rodrigo Barella

Witnesses to the mark of mark  
Rodrigo Barella  
I. D. Chillson

I. W. Barrett  
Subscribed and sworn to before me this 30

day of May 1894

I. D. Chillson

Notary Public.

Preliminary to commencing  
the survey of the townships  
2<sup>nd</sup> & 3<sup>rd</sup> subdivision lines of Tps  
4<sup>th</sup> & 5<sup>th</sup> South, Ranges 22<sup>nd</sup> and  
23<sup>rd</sup> East, Gila and Salt  
River Base and Meridian,  
closing on the exterior  
boundaries of Camp  
Thomas (abandoned).

Military Reservation  
I find it necessary, in  
order to ascertain correct  
closings, to resurvey said  
exterior boundaries. I  
therefore proceed to the  
Initial Monument of  
Camp Goodwin (abandoned),  
Military Reservation,  
making said monument



Resurvey of Exterior Boundaries

my starting point in compliance with Special Instructions. I find said Initial Monument, which is located more or less in the center of the old parade ground of Camp Goodwin abandoned Military Reservation, to be a stone firmly set and properly marked and witnessed as described in the field notes furnished by the surveyor general. Said monument forming also a corner of Camp Thomas (abandoned Military Reservation) I mark the same: C. T. M. R.

of Camp Thomas (abandoned) Mil. Res<sup>n</sup>  
on north face

May 30. 1894

At the above mentioned  
monument, lat.  $33^{\circ}3'N$ ,  
long.  $110^{\circ}3'W$ . of Greenwich  
I set my instrument,  
which is a W. & A. E. Gurley  
engineers transit with  
a solar attachment and  
observe *Polaris* at its  
eastern elongation at  
2 h. 38 min. A.M. May 31.  
1894 and find its mag-  
netic bearing to be  
 $N 11^{\circ}05' W$ .

North end of needle —  $11^{\circ}05'$  East

The azimuth by table is  $1^{\circ}30'$  East

The sum is the Variation —  $12^{\circ}35'$  East



Resurvey of Exterior Boundaries  
Chains

I lay off the azimuth to the west and mark the true meridian so determined by driving a picket 3.50 chs. North of Corner.

At 7 h. 20 min. May 31<sup>st</sup> I find the magnetic bearing of the line established last night to be  $71^{\circ}38'W$  and (by the table on page 55 of Manual) the mean declination is  $12^{\circ}35'$  East

Thence I run from said Initial Monument

$S59^{\circ}2'E$  on true line

Va.  $12^{\circ}35'E$

.04 Wire fence, course  $S16^{\circ}W$

of Camp Thomas (abandoned) Mil. Res<sup>n</sup>

- chains and enter cultivated fields
- 8.26 Wash, course North
- 8.50 Wire and brush fence course  $S 15^{\circ} W$
- 20.58 Closing Cor. to Sec's 25 and 26, Twp. 4 S. R. 22 E, which is a stone firmly set and properly marked and witnessed as described in the field notes furnished by the surveyor general.
- 25.09 Wire fence, course  $N 14^{\circ} E$ .
- 26.10 Goodwin wash 12 ft deep 50 lks wide, Course  $N 13^{\circ} E$ , enter brush.
- 28.20 Wash 40 lks wide with stream of water 8 lks wide, course North
- 30.50 Dry Channel, course  $N 14^{\circ} E$
- 32.50 Leave Channel  $\frac{2}{3}$  ascend
- 33.00 Leave brush

## Resurvey of Exterior Boundaries

| Chains |  |
|--------|--|
| 36.00  | Foot of steep rocky ridge                              |
| 46.90  | Top of ridge, course $N15^{\circ}E$                    |
| 52.40  | Descend  |
| 60.00  | Foot of ridge  |
| 61.00  | Wash 30 lks wide, course $N20^{\circ}W$<br>and ascend  |
| 69.00  | Top of ridge and descend<br>gradually                  |
| 120.00 | Enter flat   |
| 160.00 | Ascend gradually                                       |
| 167.00 | Bank of Wash $\frac{1}{2}$ descend                     |
| 169.00 | Bottom   |
| 174.70 | Leave Wash $\frac{1}{2}$ ascend                        |
| 176.00 | Top of bank $\frac{1}{2}$ thence cover mesa            |
| 204.00 | Descend into Valley course $N22^{\circ}E$              |
| 210.00 | Bottom   |
| 224.60 | Channel 20 lks wide 4 ft deep<br>Course $N67^{\circ}E$ |
| 237.60 | Leave Valley and ascend                                |



of Camp Thomas (abandoned) Mil Res<sup>n</sup>  
Chains

- 239.20 Top, thence over rough mesa  
282.00 Ascend steep ridge, 50 ft high  
283.00 Top of ridge, Course  $N40^{\circ}E$ ;  
Thence descend gradually  
314.00 Wash 40 lks wide, Course  $N42^{\circ}E$   
320.00 Enter open rolling ground  
390.00 Enter dense brush and  
mesquite timber  
405.16 Iron pole telegraph line  
from Camp Grant to San  
Carlos, course  $S28^{\circ}W$   
410.00 Camp Grant and Camp  
Thomas Stage road Course  $N27^{\circ}E$   
411.00 Descend into flat  
476.00 Ascend  
480.00 Top of ridge Course  $N30^{\circ}E$ .  
486.84 Intersect section line  
bet. sec's 10 and 11, T<sup>p</sup>. 5 S  
R. 23 E at a point 3 lks South

Resurvey of Exterior Boundaries  
 of chains

of an old mound of earth  
 and a few stones, which  
 from all indications  
 appears to be the original  
 place of the S. E. cor. of  
 Camp Thomas (abandoned)  
 Military Reservation. I  
 therefore establish in  
 the exact center of said  
 mound a closing cor. -  
 I set a post 4 ft long,  
 4 ins. square, with marked  
 stone, 12 ins in the ground  
 for Closing Cor. marked  
 C. T. M. R. C. C. on W. face,  
 dug pits 18 x 18 x 12 ins,  
 — N. W. N. & S. of post  
 5½ ft dist and raised  
 a mound of earth 2 ft

of Camp Thomas (abandoned) Mil. Res<sup>n</sup>  
 chains high,  $4\frac{1}{2}$  ft base around  
 post; from which:

A mesquite stump 3 ft  
 high, 14 ins diam. bears  
 N<sup>10</sup>W. 2.33 chs dist. marked  
 C. T. M. R. C. C. B. T.

$\frac{1}{4}$  Sec. Cor. bet Sec's 10 & 11

(Tp. 5 S. R. 23 E) which is  
 a post firmly set and  
 properly marked and  
 witnessed as described  
 in the field notes furnished  
 by the surveyor general,  
 bears South 5.92 chs.  
 dist.

Land level and rolling  
 Soil 1<sup>st</sup> and 3<sup>rd</sup> rate

Timber mesquite 2.84 chs, brush 10.74 chs

June 1<sup>st</sup> 1894



Resurvey of Exterior Boundaries

Chains

At Closing Cor. set bet.  
secs 10  $\frac{2}{4}$  11 (Tp. 5 S. R. 23 E)  
I take an observation  
on the Sun at 12 o'clock  
June 2<sup>nd</sup>. 1894 and find  
my instrument in per-  
fect adjustment.

Lat.  $33^{\circ} 3' N$  - Va.  $12^{\circ} 30' E$

Thence I run

North bet Sec's 10 & 11

(Tp. 5 S. R. 23 E)

Va.  $12^{\circ} 30' E$ .

Through brush

34.51 I find a decayed post  
in mound and dirt pits.  
I destroy the old post  
and reestablish cor.  
in its original place,

of Camp Thomas (abandoned) Mil. Res.  
 chains I set a post 4 ft long,  
 4 ins. square, with  
 marked stone, 12 ins  
 in the ground for cor.  
 to sec's 2, 3, 10 and 11  
 marked

T. 5 S. S. 2 on N.E.  
 R. 23 E. S. 11 on S.E.  
 S. 10 on S.W. and  
 S. 3 on N.W. faces with  
 5 notches on S. and 2  
 notches on E. edges  
 dug pits 18x18x12 ins  
 in each sec. 5 1/2 ft  
 dist. and raised  
 a mound of earth,  
 2 ft high, 4 1/2 ft base,  
 around post  
 Land rolling

Resurvey of Exterior Boundaries

Chains Soil 2<sup>nd</sup> rate  
Brush 34.51 chs.

Thence I run

No 6'E bet Sec's 2 & 3

(Tp. 5 S. R. 23 E)

No. 12° 30' E

Through Brush

13.00 Road from Camp Thomas  
to Camp Grant Course N 38° E,

Thence across broad wash

40.00 At this point I search  
for the  $\frac{1}{4}$  sec. cor but  
I fail to find any signs  
of a cor, therefore I  
reestablish the cor. by  
setting a post 3 ft long  
3 ins square with  
marked stone 12 ins



of Camp Thomas (abandoned) M. B. 1882

Chains in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  S on N face; dug pits  $18 \times 18 \times 1\frac{1}{2}$  ins N and S of post,  $5\frac{1}{2}$  ft dist, and raised a mound of earth,  $1\frac{1}{2}$  ft high 3 ft base around post

- 50.00 Ascend mesa  
 63.50 Top of mesa  
 70.00 Descend into Cañon 30 ft deep  
 72.50 Bottom of Cañon, Course  $E. \frac{3}{4}$  ascend  
 80.07 Top; at this point I search for the sec. cor but fail to find any remains of cor, therefore I reestablish the cor by setting a post 4 ft long, 4 ins square, with marked

## Resurvey of Exterior Boundaries

Chains stone 12 ins in the ground for cor. to sees 2, 3, 34, and 35, marked T. 4 S. S. 35 on N.E. R. 23 E. S. 2 on S.E. T. 5 S. S. 3 on S.W., and S 34, on N.W. faces, with 2 notches on E. and 4 notches on W edges; dug pits, 18 x 18 x 12 ins., in each see, 5 1/2 ft dist., and raised a mound of earth, 2 ft high, 4 1/2 ft base, around post.

Land level 2/3 rolling

Soil 2<sup>nd</sup> rate

Brush 80.07 chs.

June 2<sup>nd</sup>. 1894

of Camp Thomas (abandoned) Mil. Res.

Chain Thence I run

North bet sees 34 & 35

(Twp. 4 S. R. 23 E)

Pa.  $12^{\circ}30' E$

Through brush

- 7.00 Leave mesa and descend  
 10.50 Camps Thomas and Camp Grant Road Course S.W.  
 12.00 Enter Gila Valley  
 20.00 S.W. cor. of Thomas townsite  
 and San Carlos and Camp Thomas  
 Road, Course  $N 84^{\circ} W$   
 21.00 S.W. cor of Alexander Bros.  
 Store bears East 1.60 chs dist.  
 30.00 Solomonville and San  
 Carlos Road Course E & W.  
 37.50 Left bank of Gila River course N  
 40.00 Slight remains of cor  
 I reestablish the same  
 in its original place  
 by setting a post 3 ft  
 long, 3 ins square



## Resurvey of Exterior Boundaries

Chains with marked stone, 12 ins in the ground for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$  S. on W face; dug pits 18 x 18 x 12 ins. N and S. of post, 5  $\frac{1}{2}$  ft dist and raised a mound of earth 1  $\frac{1}{2}$  ft high 3  $\frac{1}{2}$  ft base around post.

- 60.00 Left bank of Lila River, 8 ft high, Course N 51° 30' W  $\frac{2}{3}$  descend
- 77.00 Water edge, Course N 29° W and enter dense Willow thicket
- 79.00 Leave Water
- 80.00 No signs of any cor. The cor. being in the river bed and liable to be washed away I establish a Witness Cor. for sec's

of Camp Thomas (abandoned) Mil. Res.

Chains 26, 27, 34 and 35 at a point 8 chs. West, where I set a post 4 ft long 4 ins square with charred stake  $1\frac{1}{2}$  ins in the ground, for Witness Cor. to sec's 26, 27, 34 and 35, marked T. 4 S. S. 26, W.C. on N.E. Co. 23 E. S. 35, W.C. on S.E. S. 34. W.C. on S.W. and S. 27. W.C. on N.W. faces, with 1 notch on S and 2 notches on E. edges, dug pits, 18 x 18 x 12 ins in each sec.  $5\frac{1}{2}$  ft dist., and raised a mound of earth 2 ft high,  $4\frac{1}{2}$  ft base around post.

Resurvey of Exterior Boundaries of

Chains A forked Cottonwood tree 40 ins diam., bears  $N 17^{\circ} 30' E$ . - 122 chs. dist marked W.C. T. 4 S. R. 23E  
 No other trees within limits  
 Land level and rolling  
 Soil 1<sup>st</sup> and 3<sup>rd</sup> rate  
 Timber Willows 3chs, Brush 80chs.

Thence I run

North bet. secs 26 & 27

(Tp. 4 S. R. 23E)

$N. 12^{\circ} 30' E$

Through Willows & brush

1.50 Enter water, 10 ins deep

4.50 Leave water

8.00 Right bank of Gila River

18 ft high, Course  $N 76^{\circ} W$

thence over level ground



Camp Thomas (abandoned) Mil. Res.

Chains

35.00 Ascend gradually

40.00 I find a post on the ground without marks also signs of pits, I destroy the old post and reestablish cor by setting a post 3 ft long, 3 ins square, with marked stone 12 ins in the ground for  $\frac{1}{4}$  sec. cor marked  $\frac{1}{4}$  S. on W. face; dug pits 18 x 18 x 12 ins. N. and S. of post,  $5\frac{1}{2}$  ft dist., and raised a mound of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base, around post.

Land gently rolling  
Soil 2<sup>nd</sup> rate

Resurvey of Exterior Boundaries

Chains Timber, Willows  $\frac{2}{3}$  brush 40 chs

From the  $\frac{1}{4}$  sec. cor bet  
Sec's 26 & 27 (Tp. 4 S. R. 23 E)  
which forms a corner  
of Camp Thomas (abandoned)  
Military Reservation  
I run

N  $59^{\circ} 2'$  W on true line  
Pa.  $12^{\circ} 38'$  E.

4.00 Enter dense mesquite  
and tesota brush

27.00 Leave dense brush and  
enter flat

49.25 Slough 30 lks wide, Course  
N  $4^{\circ}$  W

88.10 Willow tree, 8 ins diam, on  
line

108.05 Right bank of old

of Camp Thomas (abandoned), Mil. Resn

- Chains river Channel, Course  $N 8^{\circ} E$
- 111.70 Left bank of old Channel
- 120.00 Enter dense Willow brush
- 132.50 Right bank of Gila River,  
Course  $N 22^{\circ} E$
- 137.00 Left bank of Gila River
- 157.00 Left bank of Gila River
- 163.00 Right bank of Gila River
- 167.30 Leave willow brush and  
enter mesquite and tesota brush
- 194.50 Leave mesquite and tesota brush
- 200.00 Line passes bet. forks of a  
mesquite tree 6 ins. diam.,  
thence across valley
- 233.82 Intersect Sec. line bet sec's  
17 and 20. (Tps 4 S. R. 23 E)  
at a point  $N 89^{\circ} 36' E$  39.98 chs  
of cor. to secs 17, 18, 19 and 20;  
this point of intersection



Resurvey of Exterior Boundaries  
Chains being in the center of  
line bet. sec's 17 and 20  
and there being no signs  
of any cor. I reestablish  
 $\frac{1}{4}$  sec. cor. by setting a  
post 3 ft long, 3 ins. square  
with marked stone, 12 ins  
in the ground, for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  S. on N.  
face; dug pits 18 x 18 x 12 ins  
E and W of post, 5  $\frac{1}{2}$  ft.  
dist., and raised a mound  
of earth, 1  $\frac{1}{2}$  ft high 3  $\frac{1}{2}$  ft  
base, around post.  
Land level and rolling  
Soil 2<sup>nd</sup> and 3<sup>rd</sup> rate  
Dense brush 99.50 ch.

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Thence I run

of Camp Thomas (abandoned) Mil. Res.

Chains North on true line through  
center of sec's 17 & 8.  
Va.  $12^{\circ}38'E$

Through brush and  
mesquite timber

41.14 Vertical sand stone bluff  
100 ft high, thence over.

extremely rough ground

46.50 Descend over sand stone  
bluffs into deep Cañon

51.00 Bottom of dry wash 100 ft  
wide, Course  $S34^{\circ}30'W$

55.40 Ascend ridge 200 ft high

66.50 Top of ridge Course  $S23^{\circ}W$

70.00 Descend into box cañon  
100 ft deep

74.00 Bottom of cañon Course  $S28^{\circ}W$

75.00 Right bank of cañon and  
ascend

80.09 Decayed post lying

Resurvey of Exterior Boundaries

Chains on the ground and small mound of stones alongside, I destroy the old post and reestablish  $\frac{1}{4}$  sec. cor. bet sec's 8 and 17 by setting a post 3 ft long, 3 ins square with marked stone 12 ins in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  S. on N. face; dug pits 18 x 18 x 12 ins. E and W. of post,  $5\frac{1}{2}$  ft dist., and raised a mound of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft base around post.

82.70 Top of ridge, Course  $S30^{\circ}W$   
and descend into Cañon

86.00 Dry wash in Cañon 20 ft. wide  
Course  $S32^{\circ}W$  and ascend



of Camps Thomas (abandoned) Mil. Res.

- Chains
- 90.00 Top of ridge, Course S. 40° W
- 97.00 Edge of deep Cañon Course  
S. 62° 30' W and descend
- 100.40 Bottom and enter dry  
wash, Course S 5° W
- 103.45 Leave dry wash and ascend
- 107.00 Top of Cañon bank  
Course S. 49° W
- 109.30 Edge of Cañon, Course  
N 87° 30' W and descend
- 111.85 Wash 20 lks wide, bottom  
of Cañon Course N 85° W and  
ascend
- 114.60 Top of bank of Cañon  
Course N 80° W, thence over  
rolling mesa.
- 120.00 No visible signs of cor.  
at this point I set  
a red conglomerate

## Resurvey of Exterior Boundaries

Chains stone 24 x 18 x 12 ins, 18 ins  
 in the ground for the  
 extreme N.E. cor. of Camp  
 Thomas (abandoned) Mil.  
 Res<sup>n</sup>. marked C.F. M.R.  
 on S.W. face and raised  
 a mound of stone 2 ft  
 high, 4 1/2 ft base, along  
 side. Pits impracticable,  
 from which

A dry Palo Verde tree  
 14 ins. diam bears S 44° 10' E  
 140 lks dist. marked  
 C.F. M.R. B.T. No other  
 trees within limits.

North Peak of Mt. Trumbull  
 bears S 82° 56' W.

Land broken and mountains

78.86 chs. 41.14 level

Soil 2<sup>nd</sup> rate 41.14 chs balance 3<sup>rd</sup> rate

of Camp Thomas (abandoned) Mil. Rec.

Chains Timber mesquite & brush 120 chs

June 3<sup>rd</sup> 1894

Thence I run

N  $89^{\circ} 51' W$  on true line  
through center of sec. 8  
N.  $12^{\circ} 38' E$

over mountainous land

4.25 Edge of deep cañon, Course  
 $S 53^{\circ} W$  and descend

7.00 Bottom of Cañon, Course S.  
and ascend

12.00 Top of ridge, Course  $S 35^{\circ} W$   
and descend

15.30 Bottom of Cañon, Course  
 $S 30^{\circ} W$  and ascend

18.00 Top of ridge, Course  $S 44^{\circ} W$

20.00 Descend

24.60 Bottom of Cañon, Course  
 $S 50^{\circ} W$  and ascend

26.40 Top of ridge, Course  $S 40^{\circ} W$



Resurvey of Exterior boundaries

chains and descend

31.70 Dry Wash, Course S.  $44^{\circ}30'W$

35.60 Leave Wash, Course S  $10^{\circ}30'W$   
and ascend

37.00 Top of ridge

39.70 Descend

40.10 Slight remains of  $\frac{1}{4}$  sec.  
cor. bet sec's 7 and 8. (Tp.  
4 S. R. 23 E) To reestablish  
 $\frac{1}{4}$  sec. cor by setting a  
post 3 ft long, 3 ins square  
with marked stone, 12  
ins in the ground, for  
 $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  S. on W. face, dug  
pits 18x18x12 ins N. & S  
of post,  $5\frac{1}{2}$  ft dist.,  
and raised a mound  
of earth  $1\frac{1}{2}$  ft high

of Camp Thomas (abandoned) Mil. Res<sup>n</sup>

Chains 3½ ft base around post.

Land mountainous 40.10 ch

Soil 4<sup>th</sup> rate  $\frac{2}{3}$  worthless

Timber, scattering mesquite

Thence I run

S 89° 52' W on true line,  
through center of sec. 7.  
Ta. 12° 40' E

Over mountainous land

3.30 Bottom of Cañon, Course S.  
and ascend

5.50 Top of ridge  $\frac{2}{3}$  descend

14.00 Edge of Cañon, Course S 10° W  
and descend

17.50 Enter dry wash, Course S.

19.80 Leave dry wash  $\frac{2}{3}$  ascend

21.50 Top of ridge, Course S. 16° W

23.00 Descend

Resurvey of Exterior Boundaries of  
Chains

- 27.30 Edge of Cañon, Course South,  
 descend
- 32.60 Wash 30 lks wide, Course South,  
 and ascend
- 33.20 Top of Cañon bank, Course  
 South
- 37.50 Edge of the L. O. N. cañon  
 course S.  $\frac{2}{3}$  descend
- 40.10 Dry Wash 130 lks wide, Course  
 South.
- 48.60 Leave Cañon and ascend
- 49.40 Top of bank Course S  $10^{\circ}$  W  
 and descend
- 50.30 Wash, Course S.  $\frac{2}{3}$  ascend
- 52.50 Top, thence over mesa
- 64.85 Edge of deep cañon S  $10^{\circ}$  W  
 descend
- 66.30 Bottom of Cañon
- 69.40 Leave cañon and ascend



Camp Thomas (abandoned), Mil. Res.

- Chains
- 71.00 Top of bank
- 74.00 Descend into narrow  
cañon
- 75.60 Bottom of cañon, Course S  
and ascend
- 76.60 Top of bank  $\frac{2}{3}$  descend  
gradually
- 79.93 Old mound and decayed  
post, I destroy the post  
and reestablish  $\frac{1}{4}$  sec.  
cor. bet secs 7 & 12 (Tps  
4 S. R's  $\frac{22}{2}$  and  $\frac{23}{2}$  E) by  
setting a post 3 ft long,  
3 ins square, with  
marked stone, 12 ins  
in the ground, for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  S  
on W. face; dug pits  
18x18x12 ins. N. and S

Resurvey of Exterior Boundaries

Chains of post,  $5\frac{1}{2}$  ft dist,  
and raised a mound  
of earth  $1\frac{1}{2}$  ft high  $3\frac{1}{2}$  ft  
base, around post.

Land mountainous 79.93 ch.

Soil 4<sup>th</sup> rate  $\frac{2}{3}$  worthless

Timber scattering mesquite  
trees and some brush.

Thence Run

West on a true line,

Pa.  $12^{\circ}40'E$

1.70 Edge of mesa 40 ft high  
Course  $S.10^{\circ}W$  and descend  
into broad wash through  
dense tesota and mesquite  
brush.

26.00 Point of mesa sloping to  
the south  $\frac{2}{3}$  leave brush

of Camp Thomas (abandoned) Mil. Res.

Chains  
28.00

Enter Gila Valley, enter dense mesquite & <sup>2</sup>/<sub>4</sub> tesota brush

70.00 Leave brush & enter flat

82.25 Leave flat and ascend gradually & <sup>2</sup>/<sub>4</sub> enter dense mesquite brush

98.84 Intersect east boundary of the White Mountain Indian Reservation known also as the San Carlos Indian Reservation (39.06 chs North of the Initial Monument of the East boundary) - At the point of intersection I set a post 4 ft long, 4 ins square with marked stone 12 ins in the ground for N.W. closing corner



Resurvey of Exterior Boundaries

Chains of Camp Thomas  
 (abandoned) Military  
 Reservation marked  
 C. T. M. R. C. C. on S. E. face,  
 dug pits  $18 \times 18 \times 12$  ins,  
 N. S. and E of post  $5\frac{1}{2}$  ft  
 dist. and raised a  
 mound of earth  $2\frac{1}{2}$  ft high  
 $4\frac{1}{2}$  ft base around post,  
 from which  
 a mesquite tree, 10 ins. diam  
 bears  $N 32^\circ E$ ,  $5\frac{1}{2}$  lks dist.,  
 marked C. T. M. R. - C. C. B. T.  
 Land level and rolling  
 Soil 3<sup>rd</sup> rate  
 Tesata  $\frac{2}{3}$  mesquite brush 82. 89%

At the N. W. Closing corner  
 of Camp Thomas (abandoned)

of Camp Thomas (abandoned) Mil. Res.

chains Military Reservation I  
take an observation  
on the Sun at 12 o'clock  
June 4<sup>th</sup> - 1894 and find  
my instrument in  
perfect adjustment  
Lat  $33^{\circ}5'N$ . - Va.  $12^{\circ}42'E$

Thence I run

South on a true line  
(along East Boundary of  
White Mountain or San Carlos  
Indian Reservation)

Va.  $12^{\circ}42'E$

- 5.06 Bank of Gila River, Course  
 $S60^{\circ}W \frac{1}{2}$  enter dense brush
- 14.16 Enter sandy river bed
- 19.00 Edge of River channel  
Course  $S56^{\circ}W \frac{1}{2}$  enter water

## Resurvey of Exterior Boundaries

Chains

- 23.56 ✓ Leave river channel, course  
S 63° W and ascend gradually
- 39.06 Initial Monument of  
the east boundary of the  
San Carlos Indian Reser-  
vation, which is a stone  
firmly set and properly  
marked and witnessed  
as described in the  
field notes furnished  
by the surveyor general.
- 49.04 San Carlos and Bowie stage  
road, course West
- 74.00  $\frac{1}{2}$  Mile Corner (East Boundary  
San Carlos Indian Reservation)
- 81.00 Ascend over rough ground
- 84.00 ✓ Foot of ridge Course N. E
- 86.00 Top of ridge and descend
- 89.06 Wash 12 lks wide, Course N 40° E



of Camps Thomas (abandoned) Mil. Res<sup>n</sup>

- chains and ascend
- 91.80 Top of ridge, course  $N35^{\circ}E$   
and descend
- 93.15 Foot of ridge and enter  
flat
- 103.00 Dry wash 30 lks wide  
Course  $N20^{\circ}W$  and ascend  
hill
- 110.50 Top of hill and descend
- 113.76 Mile Cor.  $N^{\circ}1$ , (East boundary  
San Carlos Indian Reser-  
vation)
- 116.00 Wash 20 lks wide, Course  $N30^{\circ}E$   
and ascend
- 120.00 Top of ridge
- 126.50 Descend into deep cañon
- 130.00 Bottom and enter Wash  
30 lks wide, Course  $N64^{\circ}E$   
and ascend

Resurvey of Exterior Boundaries

Chains

- 138.00 Top of ridge
- 140.00 Descend into deep Cañon
- 145.00 Bottom of Cañon, Course  
S 60° E and ascend
- 153.60 Top of high rolling mesa
- 153.80  $\frac{1}{2}$  mile cor. (East Boundary  
San Carlos Indian Reservation)
- 163.80 Descend into small gulch  
Course S. 40° E
- 166.80 Leave gulch and ascend
- 168.10 Top of mesa
- 181.80 Descend into steep  $\frac{3}{4}$  deep  
cañon
- 184.30 Bottom of cañon and enter  
wash, Course E
- 192.90 Leave wash
- 193.57 Mile Cor.  $\frac{1}{2}$  (East Boundary  
San Carlos Indian Reserva-  
tion)

of Camp Thomas (abandoned) Mil. Res<sup>er</sup>

Chains

- 198.80 Foot of hill and ascend  
 201.80 Top of hill and descend  
 202.00 Foot of hill and ascend  
 213.50 Top of hill thence descend  
 into Goodwin flat  
 224.51 Initial Monument and  
 place of beginning.

Land mountainous 94.57 chs

Soil 3<sup>rd</sup> and 4<sup>th</sup> rate

Timber scattering mesquite

trees, dense brush 219.45 chs

June 4<sup>th</sup>. 1894

Lorenzo D. Killson

U.S. Deputy Surveyor

Note: In running the N.E. & S.W. boundary  
 of Camp Thomas (abandoned)  
 Military Reservation I found  
 the course to be S 59° 2' E instead  
 of S 58° 40' E; I also failed <sup>with the exception of one</sup> to  
 find any monuments on S.W. boundary.



## Latitudes, departures,

| Line designated as- | Course     |
|---------------------|------------|
| S. W. boundary      | S 59° 2' E |
| E. boundary (1)     | * North    |
| N. E boundary       | N 59° 2' W |
| E. boundary (2)     | North      |
| N. boundary         | * West     |
| W. boundary         | South      |
| Totals -----        |            |

Error in lat -----

\* Average Course

and closing errors

| Dist   | Latitudes |               | Departures   |               |
|--------|-----------|---------------|--------------|---------------|
|        | N.        | S.            | E.           | W.            |
| 486.84 |           | 250.47        | 417.44       |               |
| 234.58 | 234.58    |               |              |               |
| 233.82 | 120.31    |               |              | 200.48        |
| 120.00 | 120.00    |               |              |               |
| 218.87 |           |               |              | 218.87        |
| 224.51 |           | 224.51        |              |               |
| -----  | 474.89    | 474.98        | 417.44       | 419.35        |
|        |           | <u>474.89</u> |              | <u>417.44</u> |
| -----  |           | 0.09          | Error in dep | 1.91          |

List of Names.

BOOK 1789

A List of the Names of the Individuals  
employed by L. D. Chillson

U. S. Deputy Surveyor, to assist in running, meas-  
uring and marking the lines and corners described  
in the foregoing Field Notes of the survey of the

Exterior boundaries  
of Camp Thomas  
(abandoned) Military  
Reservation.

~~of the Gila and Salt River Base and Meridian, in~~  
the Territory of Arizona, showing the respective  
capacities in which they acted.

- A. J. Howard Chainman.
- Vincent Moreny Chainman.
- W. Oglesby Chainman.
- C. J. Thompson <sup>Flag</sup> Chainman.
- Rebeca Barilla Axeman.
- ..... Axeman.
- ..... Flagman.



Final Oath of Assistants.

We hereby certify that we assisted I. D. Chillson — U. S. Deputy Surveyor, in surveying all those parts or portions of the exterior boundaries of the Camp Thomas abandoned Military Reservation

~~of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.~~

A. J. X. Howard Chainman.  
*mark*

Vincent Morey Chainman.

Wm Oglesby Chainman.

Rodrigo Barella Axeman.

C. J. Thompson Flagman.

Sworn to and subscribed before me, this 4<sup>th</sup>

day of June, 1894.

Witnesses to I. D. Chillson  
the marks of A. J. Howard and Notary Public.  
Rodrigo Barella

[SEAL.]

I. D. Chillson  
J. W. Barrett.

## Final Oath of U. S. Deputy Surveyor.

I, *Lorenzo Dow Chilson*

U. S. Deputy Surveyor, do solemnly swear that in  
 pursuance of a contract received from <sup>2. 76</sup> ~~Royal~~ *A. Johnson*,  
<sup>Minister</sup> United States Surveyor-General for Ari-  
 zona, bearing date of the *6<sup>th</sup>* day of

*November* 189*3*. I have well, faith-  
 fully, and truly, in my own proper person, and in  
 strict conformity with the instructions furnished by  
 the United States Surveyor-General for Arizona,  
 the Manual of Surveying Instructions, and the  
 laws of the United States, surveyed all those parts

or portions of the *Exterior boundaries*  
*of Camps Thomas (abandoned)*  
*Military Reservation*

~~of the Gila and Salt River Base and Meridian, in~~  
 the Territory of Arizona, as are represented in the  
 foregoing Field Notes as having been surveyed by  
 me and under my direction; and I do further  
 solemnly swear that all the corners of said surveys  
 have been established and perpetuated in strict  
 accordance with the Manual of printed instructions,  
 the special instructions of the United States Sur-  
 veyor-General for Arizona, and in the specific

manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

*Lorenzo D. Chilson*

U. S. Deputy Surveyor.

Sworn to and subscribed before me this *10<sup>th</sup>*

day of *September*, 1894

*Geo H Manning*  
U. S. Surveyor General.

