

Oct. 16-1893.

Book 1.

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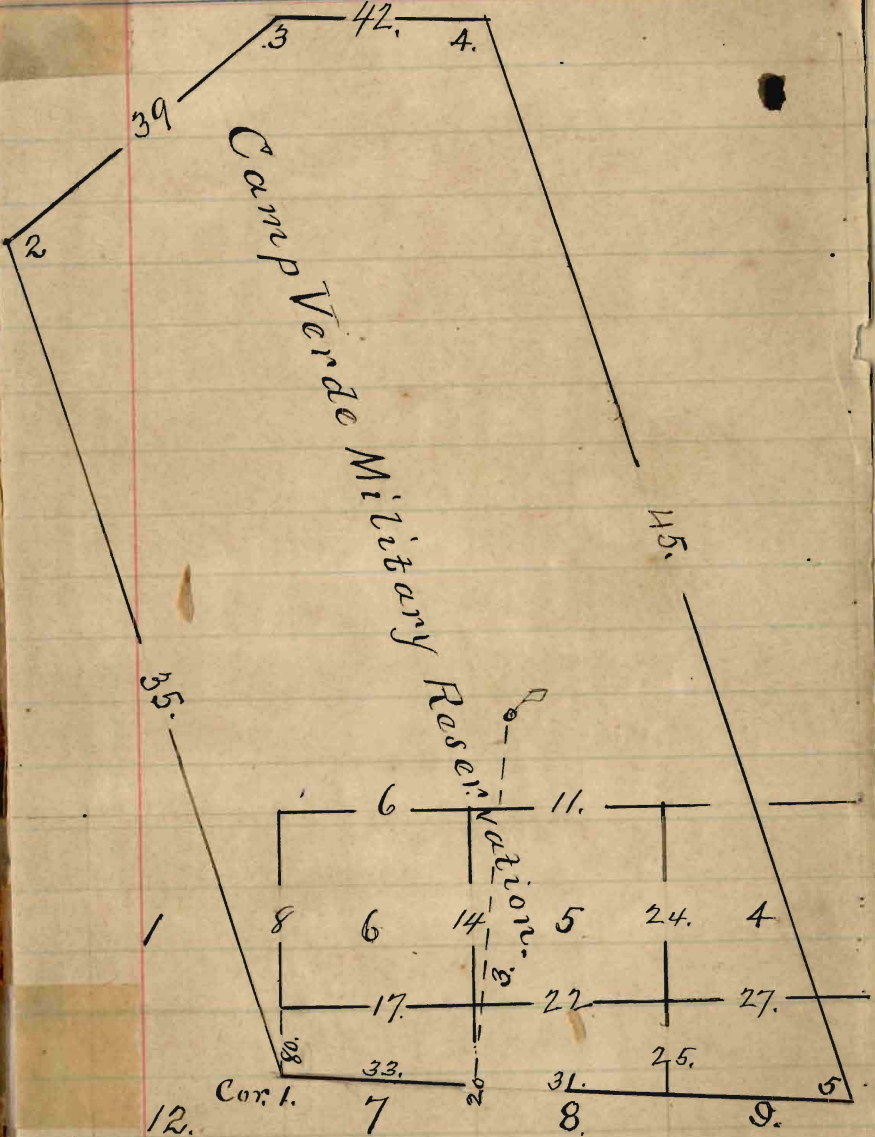
FIELD NOTES
OF THE
GENERAL LAND OFFICE.

Exploration for Substrata
of
Camp Verde & Mt. Kearsage
surveyed by
General Drummond, U.S.
under the Contract No. 24.
Made Oct. 31st 1892.

2020

Sur. Commenced Dec 21
Completed, Dec. 28/92.

Index.



FRACT. T, 13. N. R. 5, E.

(A)

Preliminary Oaths of Assistants.

We, Martin L. Osborn

and Chas. H. Harbison

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

Subdivision and meander lines
of the Camp Verde Military
Reservation, and forming fract.
Sps. 13 & 14 N. Rs. 4 and 5 E
of the Gila and Salt River Base and Meridian in
the Territory of Arizona.

Martin L. Osborn Chainman.

Chas. H. Harbison Chainman.

..... Chainman.

..... Chainman.

Subscribed and sworn before me, this 21st

day of December 1892.

F. E. Jordan
Notary Public.

[SEAL.]

BOOK 2020

We, *Wales Arnold* and *William Stephens* BOOK 2020 (13)

do solemnly swear that we will well and truly perform the duties of *Axeman* and

Flagman, respectively

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*

Subdivision and Meander

Lines, within the *Camp Verde*

Military Reservation, forming

fract. Tps. 13 & 14 N. R. 4 & 5 E

of the *Gila and Salt River Base and Meridian*, in

the *Territory of Arizona*.

Wales Arnold Axeman
Wm Stephens Flagman

Subscribed and sworn to before me this *2/14*

day of *December* 189*2*

A Jordan
Notary Public.

Camp Verde Military Reservation

Survey Commenced Dec
21st 1892, with a light
mountain transit, with
solar attachment, made
by W^{ad} and L. E. Gurley, of
Troy New York. Latitude
and declination arcs, read-
ing to 30". Horizontal limb
reading to single minutes
by two verniers, on opposite
sides. -

I set my instrument
over the original position of
the flag staff (now blown
down) at Camp Verde
Military Reservation in
Latitude $34^{\circ}34'$ North, and
Longitude $111^{\circ}50'$ West, of
Greenwich. I observa

Camp Verde Military Reservation,

Polaris at its upper
 Culmination. at 7.15 P.M.
 Mean Solar time Dec. 21
 1892, by my Watch. which
 is adjusted to the Longitude
 I find the magnetic
 bearing of the Star to be
 $N 13^{\circ} 42' W$. -

North end of the Needle $13^{\circ} 42' E$
 The Variation is $13^{\circ} 42'$ East

I lay off the
 true meridian thus
 determined, by driving a
 picket 5 chains North
 of the original position
 of the old Flagstaff.
 Dec. 21, 1892

Camp Verde Military Reservation.

At 8 a.m. Dec. 22.

I find the magnetic bearing of the line established last night, to be $N 13^{\circ} 42' W$. The variation is therefore $13^{\circ} 42'$ East.

I begin at the flagstaff aforesaid, and run $S 3^{\circ} 12' W$ on a true line $Va. 13^{\circ} 42' E$.

4.70 to a point given in the field notes, furnished by the Surveyor General, as the initial point of the survey of the Camp Verde Military Reservation the said point being also designated as being the $\frac{1}{4}$ Sec. Cor. bet. Secs. 7 & 8

Resurvey, Subdivisions

Tp. 13. N. R. 5. E. -

After diligent search, I fail to find any trace of the $\frac{1}{4}$ Sec. Cor. bet. Secs. 7. & 8. nor the post, alleged to have been set here, by the military authorities. -

Before proceeding to survey the exterior boundaries of this reservation, I am compelled to ascertain the original position of the $\frac{1}{4}$ Sec. Cor. bet. Secs. 7 and 8. Tp. 13. N. R. 5. E., the same also being the initial point in the survey of the Pampa Verde Military Reservation.

Camp Verde Mil. Reservation

I find it necessary to
 proceed to the Cor. to Sp. 13rd & 14th N. Rd. 4th & 5th E.
 where I find a limestone
 12 x 8 x 6 ins. lying on the
 ground by a small mound
 of stone with 6 matches
 on each edge. -

I reestablished this Cor.
 in its original position
 by setting a Malpais
 Stone 26 x 10 x 5 ins. 17
 ins. in the ground. for
 Cor to Sp. 13rd & 14th N.
 Rd. 4th & 5th E. marked with
 6 matches on each edge.
 dug pits 24 x 18 x 12 ins.
 lengthwise on each line
 N. S. E. and W of Stone

6.

BOOK 2020

Resurvey Subdivisions Camp

chain 6 ft. dist. and raised a mound of earth and stone 3 ft. high, 5 ft. base along side.

Thence I run East on a random line bet. Secs. 6th and 31.
 Va. $13^{\circ} 42'$ East.

39.80 Set temporary $\frac{1}{4}$ Sec Cor.
 79.60 where I find faint traces of old pits.

I re-establish the Cor. in its original position by setting a Limestone $28 \times 8 \times 10$ ins. in the ground for Cor. to Secs. 5, 6, 31 & 32 marked with 5 matches on E, and 1 match on W edges. dug pits $18 \times 18 \times 12$

Verde Military Reservation

chain 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 alongside.

Thence I run West on a true line bet. Secs. 6 and 31,
 Va. $13^{\circ}42'E$

over level land

- 1.66 old ditch 50 lks wide N.E. & S.W.
 10.60 Wagon road, N.E. & S.W.
 19.80 Thence, trans. N. & S.
 40.00 Set a Malpais Stone $20 \times 10 \times 6$ ins. 15 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N face. dug pits $18 \times 18 \times 12$. E & W of Stone $5\frac{1}{2}$ ft. dist. and raised

Resurvey, Subdivisions Camp

chains	mound of earth $1\frac{1}{2}$ ft high
	$3\frac{1}{2}$ ft. base. along side
61.10	ditch. 20 lks wide vs. N.T.D.
70.00	base vs. N.T.D. ascend
74.60	top of mesa
79.60	Cor. to Sp 13+14 N R 4+58'
	Land nearly level
	Soil sandy loam 1 st rate
	No. timber

Thence I run

South on a random line

bet. Secs. 1 and 6.

Va. $13^{\circ}42'E$

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

80.00 to a point. where, after diligent search. I fail to find any trace of the original Cor.

Verde Military Reservation

chain I re-establish this Cor. by setting a malpais Stone $24 \times 12 \times 6$ ins., 18 ins. in the ground, for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on N. edges dug pits $18 \times 18 \times 12$ ins. in each sec. $5 \frac{1}{2}$ ft. dia. and raised a mound of earth 2 ft. high $4 \frac{1}{2}$ ft. base, along side. —

Thence I run

North on a true line bet. Secs. 1 and 6.

Va. $13^{\circ} 42' E$

- 9.85 ditch 20 lbs wide bet. N. 3. + 6. W.
 22.30 Wagon road to Salt. mine E. + W.
 33.20 " " " " bet. E. + W.
 40.00 No trace of original $\frac{1}{4}$ sec Cor.

Resurvey, Subdivision Camp

chain 40.00	Set a malpais stone 20x10x5 ins. 15 ins. in the ground for $\frac{1}{4}$ Sec. Cor. Marked $\frac{1}{4}$ on W face. dig pits 18x18x12 ins. N. & S. of stone, 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base. alongside. -
47.50	enter Copper Canyon flows S.E.
50.60	leave " " " S.E.
54.90	Wagon Road bears S.E. & N.W.
64.00	Stage Road bears N.E. & S.W.
64.50	base of high mesa bs. N.E. & S.W.
71.50	top of mesa bs. N.E. & S.W.
80.00	The Cor. to Sp. 13 & 14 N Rs. 4 & 5, S.E. Land level except N. 15 chs. Soil gravelly 1 st & 2 ^d half No timber

Verde Military Reservation

chains I now return to the Cor.
to Secs. 5, 6, 31st and 32 on
the North boundary of the
township, as recently re=
established by me
From thence I run
East, on a random line
bet. Secs. 5th and 32.

Pa. $13^{\circ}42'$ East

40.00 Set temporary $\frac{1}{4}$ sec. Cor.
80.00 to a point, where I made
diligent search for sec.
Cor. but. was unable to
find any trace of same
at this point. I re-est=
ablish Cor. by setting a
limestone $20 \times 15 \times 5$ ins.
15 ins. in the ground. for
Cor. to Secs. 4, 5, 32nd and 33.

Resurvey, Subdivisions Camp.

- chains marked with 2 notches on W
and 4 notches on E. edges,
dug pits 18x18x12 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
along side
- Thence I run
West on a true line
Sub. Secs. 5 + 32.
Tr. $13^{\circ}42' E$
over mesa land
- 30.00 edge of mesa descend to N.E. + S.W.
- 35.70 Wagon Road from Camp Verde
to Camp Apache to S.E. + N.W.
- 40.00 Set a limestone 16x12x5 in
11 ins. in the ground. for
 $\frac{1}{4}$ sec. Cor. marked $\frac{1}{4}$ on
N. face, dug pits 18x18x12

Verde Military Reservation

chain ins. E ⁴nd N of Stone 5 1/2 ft.
dist. and raised a mound
of earth 1 1/2 ft. high 3 1/2 ft.
base, alongside.

54.30 No trace of original corner
Left Bank of Verde River
Set a limestone 16x10x8 ins.
11 ins in the ground for
meander Cor. to fractional Secs.
5th & 32. Marked M.C. on
N face. dug a pit 3 ft. sq-
1 ft. deep. 8 links E of Stone
and raised a mound of
earth 2 ft. high 4 1/2 ft.
base alongside.

71.60 Set a malpais Stone 16x10x6
on Right bank of Verde River
ins. 11 ins. in the ground for
meander Cor. to fractional Secs.
5th & 32. Marked M.C. on E

Recovery, Subdivisions Camp

chains face. dug a pit 3 ft. square
1 ft. deep. 8 links W of stone
and raised a mound of earth
2 ft. high 4 1/2 ft. base
alongside.

80.00 The Cor. to Secs. 5, 6, 31 & 32.
Land level ⁹/₁₆ rolling mesa
Soil sandy loam & gravelly 1st & 2nd etc.
No timber

Dec. 22, 1892.

Thence I run
south on a random line
bet. Secs. 5, and 6.
Va. 13° 42' E.

40.00 Bed of Verde River

80.00 to a point. where after
diligent search. I fail to
find

Verde Military Reservation

chain any trace of the original Cor.
I re-establish the Cor by setting
a limestone $20 \times 12 \times 6$ ins. 15
ins. in the ground, for Cor.
to Secs. 5, 6, 7^{and} 8. marked
with 5 notches on S. ^{and} E. edges
dug pits $18 \times 18 \times 12$ 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
alongside. —

Thence I run

North on a true line
bet. Secs. 5. ^{and} 6.
over level land ^{Var. $13^{\circ} 42' E.$}

- 12.20 Wagon road bet. SE + N.W.
38.00 Left Bank of Verde River
Set a Malpais Stone $16 \times 10 \times 4$
ins. 11 ins. in the ground

Resurvey Subdivisions Camp

- | | |
|-------|--|
| | <p>chain for Meander Cor. to fractional Secs. 5, 6, also Witness to $\frac{1}{4}$ Sec. Cor. marked M.C. on N. face, also W.C. $\frac{1}{2}$ on N. face, dug a pit, 2 ft. sq. 1 ft. deep. 8 links S of Stone and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base alongside. —</p> |
| 40.00 | <p>Bed of Verde River, all trace of original Cor. also Witness trees, washed away by the unprecedented high flood of February 1891.</p> |
| 61.50 | <p>Right Bank of Verde River Set a granite Stone 16x10x4 ins. 11 ins. in the ground, for Meander Cor. to fractional Sec 5, 6, marked M.C. on S</p> |

Verde Military Reservation

chains face. dug a pit 3 ft. square
1 ft. deep 8 links N of Stone
and raised a mound of earth
2 ft. high 4 1/2 ft. base
alongside

80.00 The Cor. to Secs. 5, 6, 31, ^{2nd} and 32.

Land level

Soil sandy loam 1st rate

No timber

I now return to the Cor.

of Secs. 5, 6, 7 ^{2nd} and 8.

Thence I run

West on a random line

bet. Secs. 6 ^{2nd} and 7

Pa. $13^{\circ}42'E$

40.00 Set temporary 1/4 Sec. Cor.

79.70 Intersect W. boundary of the

Resurvey, Subdivisions Camp

chain township at. Cor. to Secs.
1, 6, 7 & 12.

Thence I run
East on a true line
bet. Secs. 6^{and} 7.
Ya. $13^{\circ}42'E$

17.50 Wagon Road to N.T.S.

15.60 Right Bank of Verde River
Set a Malpais Stone $20 \times 12 \times 6$
ins. 15 ins. in the ground, for
meander Cor. to fractional Secs.
6^{and} 7. marked M.C. on E face
dug a pit. 3 ft. square, 1 ft.
deep. 8 links N of Stone. ^{and}
raised a mound of earth 2
ft. high. $4\frac{1}{2}$ ft. base
alongside

31.70 Left Bank Verde River
Set a limestone $18 \times 10 \times 5$ ins.

Verde Military Reservation

12 ins. in the ground for
 Meander Cor. to Fractional Sec.
 6th & 7. Marked m. C. on W face
 8 links E. of Stone. dug a
 pit. 3 ft. Square, 1 ft. deep,
 and raised a mound of earth
 2 ft. high. 4 1/2 ft. base
 alongside.

39.70 Set a limestone 18x8x6 ins.
 12 ins. in the ground for 1/4
 Sec. Cor. marked 1/4 on N
 face. dug pits 18x18x12 ins
 E. & W. of Stone 5 1/2 ft. dist.
 and raised a mound of earth
 1 1/2 ft. high 3 1/2 ft. base, alongside
 No. trace of the original Cor.
 could be found

70.50 Wagon road to S. E. & N. W.

79.70 The Cor. to Secs. 5, 6, 7 & 8

Reservoir Subdivisions Camp

chain Land level
 Soil. Sandy loam 1st rate
 No. timber

Thence I run
 South on a random line
 bet. Secs. 7 and 8.

Pa. $13^{\circ}42'E$

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
 80.00 to a point, where after very
 diligent search I fail to
 find any trace. to Cor. to Secs.
 7, 8, 17 & 18.

Thence I run
 North on a true line
 bet. Secs. 7 and 8.

Pa. $13^{\circ}42'E$

40.00 Set a limestone $16 \times 12 \times 10$ ins.
 11 ins. in the ground. for $\frac{1}{4}$

Verde Military Reservation

chains Sec. Cor. marked $\frac{1}{4}$ on W face
dug pits $18 \times 18 \times 12$ ins. N. & S,
 ^{$5\frac{1}{2}$ ft. dist.}
of stone, and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft.
base, alongside. —

After diligent search, I
fail to find any trace of
the original $\frac{1}{4}$ Sec. Cor.
Nor any trace of the initial
post, alleged to have
been placed here, by the
Military authorities.

45.40 Wagon road to S.E. & N.W.

80.00 The Cor. to Secs. 5, 6, 7 and 8

Land live

Soil, sandy loam, 1st rate

No timber

Resurvey Subdivisions Camp

chains Thence I run
East on a random line
bet. Secs. 5 and 8.

$\gamma a. 13^{\circ}42'E$

39.90 Set. temporary $\frac{1}{4}$ Sec. Cor.

79.80 to a point, where after diligent
search, I fail to find any trace
of the original corner. I
re-establish this cor. by setting
a limestone $20 \times 10 \times 6$ ins. 15 ins.
in the ground. for. Cor. to Secs.
4, 5, 8 and 9. Marked with
5 nails on S. and 4 nails
on E. edges. Dug pits $18 \times 18 \times 12$
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
alongside.

Verde Military Reservation

chains	<p>Shence I run West. on a true line lat. Secs. 5th & 8 Pa. $13^{\circ}42'E$</p>
34.10	Wagon road bears S.E. & N.W.
39.90	<p>Set a limestone $24 \times 14 \times 6$ ins 18 ins. in the ground. for $\frac{1}{4}$ sec. Cor. Marked $\frac{1}{4}$ on N face, dug pits $18 \times 18 \times 12$ ins. S. & N. of Stone. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base. alongside. - I can find no trace of the original $\frac{1}{4}$ sec. Cor.</p>
68.40	Wagon road bears S.E. & N.W.
79.80	<p>The Cor. to Secs. 5, 6, 7 & 8. Land level Soil sandy loam 1st rate No. timber.</p>

Resurvey, Subdivision Camp.

chain I now return to the Cor. to
Secs. 4, 5, 8 and 9.

Thence I run

North, on a random line
bet. Secs. 4 and 5.

Pa. $13^{\circ}42' E$

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

80.00 Intersect N. boundary of the
township 9 links West. of
the Cor. to Secs. 4, 5, 32 & 33.

as recently established by me

Thence I run.

$S 0^{\circ}4' W$ on a true line
bet. Secs. 4 and 5.

Pa. $13^{\circ}42' East$.

34.20 over level ground
way on road bet. S.E. & N.W.

40.00 Set a limestone $15 \times 8 \times 5$ ins. 10
ins. in the ground for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ on N. face.

Verde Military Reservation

chains dug pits 18x18x12 ins. N.E.S.
of Stone. 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high. 3 1/2 ft. base
along side.

After diligent search, I
fail to find any trace of
the original 1/4 Sec. Cor.

80.00 The Cor. to Secs. 4, 5, 8th and 9.

Land level

Soil Sandy loam 1st rate

No timber

Thence I run

South on a random line

bet. Secs. 8th and 9

Va. 13°42' East

40.00 Set temporary 1/4 Sec. Cor.

80.00 to a point. where after

Resurvey Subdivision Camp

chains diligent search. I fail to find any trace, or evidence as to the position of Cor. to Secs. 8, 9, 16, 17.

Thence I run

North on a true line
bet. Secs. 8 and 9

Pa. $13^{\circ} 42'$ East

35.12 Intersect South line of the Reservation,
40.00 Set a Malpais Stone $20 \times 12 \times 6$ ins

15 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W face dug pits $18 \times 18 \times 12$ ins. N.T.S. of Stone. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base along side. No trace of old Corner

80.00 Cor. to Secs. 4, 5, 8 and 9.

Land level

Soil sandy loam 1st rate

No timber

Verde Military Reservation

chain
 Thence I run
 N 89° 53' E on a random line
 bet. Secs. 4 and 9.
 Va. 13° 42' E

40.00 Set temporary 1/4 Sec. Cor.

79.54 Intersect N. + S. line 156 links
 N. of Cor. to Secs. 3, 4, 9 + 10
 which is a stone firmly
 set, and properly marked
 as set forth in the field
 notes furnished by the
 Surveyor General.

Thence I run
 N 89° 0' W on a true line
 bet. Secs. 4 and 9
 Va. 13° 42' E

27.00
 233.74
 39.77
 over rolling ground
 was on road bearing S 87° N W.
 I intersect East. line of the Reservation
 set a Malpais Stone
 16 x 12 x 10 ins. 11 ins in

Resurvey Subdivisions Camp.

chain the ground for $\frac{1}{4}$ Sec Cor.
 marked $\frac{1}{4}$ on N face. dug
 pits. $18 \times 18 \times 12$ ins. E + W of
 Stone. $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base
 alongside. —

After diligent search I fail
 to find any trace of the Cor.

79.54 The Cor. to Secs. 4, 5, 8 and 9

Land rolling

Soil gravelly 2^d rate

No timber

Dec. 23, 1892.

Verde Military Reservation

I found that it was absolutely necessary to retrace and resurvey the lines of Sections, 4, 5, 6, 7, 8, and 9. T₆, 13, N, R. 5, 8, lying within the Camp Verde Military Reservation from the fact the original Corners were entirely obliterated. I have endeavored to place the Corners in their original positions, and in so doing I have followed literally the original field notes where no traces of a Cor. existed, first running random lines to make search for position of the

387

BOOK 2020

original corner. then
Correcting back on true lines

Exterior boundaries Camp Verde Resin

chains I now proceed to the
 $\frac{1}{4}$ Sec. Cor. bet. Secs. 7th & 8th
 T₄. 13, N. R. 5. E. as recently
 established by me
 Thence I run
 $S 87^{\circ} 12' E$ on a random
 line.

Va. $13^{\circ} 42' E$

55.80 S. E. Cor. U. S. Mil. Res. 1876
 bears South. 190 links, which
 is a post. 8×3 ins. and
 4 ft. above ground. firmly
 set, and marked S. E. Cor.
 U. S. Mil. Res. 1876.

Thence I run
 $N 86^{\circ} 30' W$ on a true line
 on the South boundary of
 the Reservation.

Va. $13^{\circ} 42' E$

11.00 Wash. 10 lks wide Co. S. W.

Exterior Boundaries of the

chains	
30.00	raised mound of stone 2 1/2 ft. high. 3 1/2 ft. base.
37.00	edge of mesa ls. N. + S. descend
41.00	enter bottom
86.60	Wagon Road ls. S. E. + N. W
104.80	" " " S. E. + N. W
108.00	N. E. Cor. Lewis Lumber House beams S 8° 56' W 3.62 chains
131.34	Wire fence beams N. + S.
149.44	" " " N. + S.
154.50	Wagon Road beams S. E. + N. W.
155.80	1/4 Sec. Cor. bet. Secs. 7 th & 8 th . and initial point of the Survey of the Exterior lines of this Reservation.

The Flagstaff bears from this
point. N 2° 17' E 175.30 chain

Land nearly level

Soil sandy loam + gravel ^{1/2} in
no timber

Camp Verde Military Resin.

Thence I run

N $87^{\circ}12'$ W on a random line

Va. $13^{\circ}42'$ E

80.00

S.W. Cor. of Reservation brass
North 97. links. I find the
post lying on the ground. I
re establish this corner in
its original position by
setting the original post.
8 x 8 ins. 6 ft. long. 30 ins.
in the ground. for S.W.
Cor. Mil. Res. marked
S.W. Cor. No. 1. U.S. Mil.
Res. 1876: dug pits 3 ft.
square 1 ft. deep on Res. line
N.W. and E of ^{5 1/2 ft. deep} post, and
raised a mound of earth
3 ft. high, 5 ft. base
around post. No trees
within limits

Exterior Baudaric. Camp

chain Thence I run

$186^{\circ}30' E$ on a true
line. on S. boundary of Res'n
Va. $13^{\circ}42' E$

3.80 Right Bank of Verde River
Set a limestone $18 \times 11 \times 6$ ins
12 ins. in the ground. for
meander ^{Cor.} on S. boundary of
mil. Res. marked M.C.

on E face. dug a pit 3 ft.
square 1 ft. deep. 8 links W.
of stone. and raised a md.
of earth $2\frac{1}{2}$ ft. high $4\frac{1}{2}$
ft. base alongside.

65.20 Left Bank of Verde River
Set a Malpais Stone $18 \times$
 10×8 ins. 12 ins. in the
ground. for Meander Corner
on S. boundary of mil. Res.

Verde Military Reservation.

chains marked M.C. on W face
 dug a pit. 3 ft. Square 1
 ft. deep. 8 links E of Stone
 and raised a mound of
 earth 2 ft. high 4 1/2 ft.
 base. alongside
 80.00 to 1/4 Sec. Cor. bet. Secs. 7 & 8.
 and Initial point. of Survey
 Land level
 Soil Sandy loam 1st rate
 No timber - Dec. 24, 1892

I now return to the S.W.
 Cor. No. 1 U.S. Mil. Res in
 1896. From thence I run
 N 23° 15' W on a random
 line.

Va. 13° 42' E

403.94 N.W. Cor. of Reservation

Exterior Boundary Camp.

bears West. 12 links. dist.
 the original post. Cannot be
 found. I re establish this
 Corner in its original place
 by setting a granite stone
 24 x 10 x 8 ins. 18 ins. in
 the ground. for N.W. Cor. of
 Reservation. marked ^{N.W.} No. 2
 C. V. M. R. 1876. dug pits
 18 x 18 x 12 ins. S.W. and N.E.
 of Stone. on Reservation line
 5 1/2 ft. dist. and raised a
 mound of earth and Stone
 2 1/2 ft. high. 5 ft. base
 alongside. No trees
 within limits.

Dec. 26, 1892

Thence I run

S 23° 16' E on a true line
 on N. boundary of Reservation

Verde Military Reservation

chains	Va. $13^{\circ}42' E$
2.50	Wash. 10 lks. wide flows, East.
51.00	top of ridge bs. E. & W. flag Sta.
53.60	Wash. 20 lks. wide flows, E.
62.50	" 60 " " " E.
70.00	" 100. " " " E.
76.00	top of ridge bears E. & W. flag Sta.
87.80	Wash. 60 lks wide flows, E.
90.40	" 40 " " " E.
99.90	Wood road bs. E. & W. descend
83.00	Wash 80 lks wide flows E. ^{ward}
201.20	top of ridge bs. E. & W. flag Station
220.00	base " " "
223.50	Wash 50 lks wide flows. Easterly
243.60	" 40 " " " Easterly
262.30	Wood road bs. E. & W. flag Station.
271.00	base of high ridge bs. E. & W.
280.10	top of " " bs. E. & W. flag Sta.
284.20	descend abruptly flag. Station

Exterior Boundary Camp.

chains	
296.20	Wagon road to N.E. & S.W.
302.00	base of high ridge to E. & W.
305.80	Stage Road from Prescott to Camp Verde to E. & W.
308.00	enter Copper Canon Wash. flows Easterly and S.E.
309.00	leave Copper Canon Wash ^{ascend}
326.30	Salt mine ridge to E. & W. ^{sl. flay}
353.50	Conical Hill. Flay. Station ^{down}
370.40	Wash. 20 lks. wide to Easterly ^{ascend}
375.00	S. Slope ridge. Flay Station
380.50	Ditch 20 lks wide flows. Southerly
382.00	enter bottom
403.94	to S.W. Cor. No. 1 U.S. Mil Reservation. 1876.

Land Mountainous 240. chains
Soil Stony + rate
No timber.

Dec. 26 1892.

From the N.W. Cor. #2. of Resin.

Verde Military Reservation

As I can see the "North" Corner of the Reservation, plainly from this point, I run $N 62^{\circ} 34' E$ on a true line, on the N.W. boundary of the Reservation.

Va. $13^{\circ} 42' E$

- 4.60 Wagon Road from Camp Verde to Cherry Creek ds. S.E. & N.W.
- 9.96 Closing Cor. bet. fractional Secs. 14 & 15, a post, firmly set, and properly marked, as furnished in the field Note by the Surveyor General
- 19.30 Wash. 50 lks wide flows. S.E.
- 27.80 Top of ridge ds. S.E. & N.W. descend
- 45.80 enter bottom
- 73.60 Wagon road ds. N.W. & S.E.

Exterior Boundaries Camp

chains 75.00	S. E. Cor. Hullo Store. Now known as the old "Adobe". bears $N 20^{\circ} 30' W$. 130 links
87.90	Right bank of Verde River 60 ft. high. Set a granite stone $24 \times 10 \times 8$ ins. 18 ins. in the ground. for Meander Cor. on N. W. boundary of Res'n marked M. C. on N. E. face dug a pit 3 ft. square. 1 ft. deep 8 links $S 62^{\circ} 34' W$ of of stone and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base. alongside
146.30	Left bank of Verde River Set a granite stone. $16 \times 8 \times 7$ ins. 11 ins. in the ground for Meander Cor. on N. W. boundary of Reservation

Verde Military Reservation.

- chains marked M.C. on S.W. face
 dug a pit 3 ft. square, 1 ft.
 deep, 8 links N 62° 34' E of
 stone, and raised a mound
 of earth 2 ft. high, 4 1/2 ft.
 base, alongside.
- 149.80 Wash 40 lbs. wide flows N.W.
- 151.80 leave bottom & ascend
- 153.80 edge of mesa.
- 154.40 North Cor. of Reservation.
 a post 6 ins. square, 3 1/2
 ft. above ground. Marks
 nearly obliterated. I mark
 this post. N. Cor. No. 3.
 C.V. M.R. 1876. and raise
 a mound of stones 1 1/2 ft.
 high, 2 ft. base, around post.
 pits impracticable.
 Land rolling and level
 Soil generally sandy loam 1/2nd & 3rd rate
 no timber

Exterior Boundaries Land.

Thence I run
 $188^{\circ}E$ on a random line
 Va. $13^{\circ}42'E$

33.20 Closing Cor. to fractional Secs,
 7th N. trans. N. 65 links.

77.40 N.E. Cor. of Reservation
 trans. North 157 links dist.
 The original post. Cannot,
 be found. the old mound
 is plainly visible. I re-
 establish the N.E. Cor. of
 Reservation in its original
 position by setting a lime-
 stone $32 \times 15 \times 6$ ins. 24 ins.
 in the ground. for N.E.
 Cor. of Mil. Res. 1876
 Marked. N.E. Cor. No. 4.
 C.V. M.R. 1876. dug
 pits. $18 \times 18 \times 12$ ins. N.

Verde Military Reservation

and S. E. of Stone $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth and stone. $2\frac{1}{2}$
ft. high. $4\frac{1}{2}$ ft. base
along side. —

Thence I run

N $89^{\circ}10'W$ on a true line
on N. boundary of Resin,
Va. $13^{\circ}42'E$

.60	Wagon road to N. T. S.
18.00	Wash 90 lks wide flows S. W.
27.50	Wash. 50 " " " South
43.60	Wagon Road to N. W. T. Eastly
44.20	Closing Cor. to Fractional secs. 7 th & 12. Sp. 14. N. R. S. 13 th & 14. E. which is a post. firmly set. and properly marked as described in the field

~~1876~~ Exterior Boundary Camp.

chain notes furnished by the
Surveyor General.

77.40 to North Cor. No. 3. mil.
Resin. 1876. herein before
described.

Land ralling.

Sail. gravelly. 3^d rate
No timber

Verde Military Reservation

Thence I run
 $S 23^{\circ} 15' E$ on a random
 line.

Va. $13^{\circ} 42' E$

489.96 to a point, whence the
 S.E. Cor. of the Reservation
 bears $S 67^{\circ} 34' W$ 14.00 chs.

The Correction for the
 true return Course will
 therefore be $1^{\circ} 38'$ minus
 or, $23^{\circ} 15' - 1^{\circ} 38' = 21^{\circ} 37'$

Dec. 27, 1842

Thence I run
 $N 21^{\circ} 37' W$ on a true line
 on E. boundary of Reservation

Va. $13^{\circ} 42' E$.

over rolling mesa

30.00 leave mesa, enter bottom

Exterior Boundaries Camp

chain	
35.10	Wagon road ls. S.E. + N.W.
166.20	Wash 40 lks wide flows Westwly
200.90	Cañon 110 lks wide flows "
220.00	top ridge ls E. + W. Flay Station
234.00	Wagon Road bears E. + W.
236.50	Cañon 50 lks wide flows Westwly
246.00	top ridge ls. E. + W. Flay Station
280.00	Cañon 170 lks wide flows Westwly
296.00	top ridge ls E. + W. Flay Station
314.50	Cañon 120 lks wide flows Westwly
350.00	high bank overlooking Beaver Creek. 125 feet. high. descend
357.00	base of high bank. enter bottom
358.10	Left. Bank Beaver Creek flows S.W.
360.00	Right " " " "
397.20	" " " " S.E.
402.40	Left. " " " " S.E.
432.00	" " " " S.W.
434.00	Right " " " " S.W.

Verde Military Reservation

chains	
438.70	base of high bluff bs. S.W. + N.E.
439.00	top of Bluff. 100 ft. high
444.00	Wagon Road bs. N.E. + S.W.
444.30	Pact. 2x4 ins. 5 ft. above ground. Set. on Reservation line by military authorities. marks obliterated. ascend
454.50	base of ridge bs. N.E. + S.W.
466.50	top of " bs. N.E. + S.W.
485.54	Wagon Road bs. Eastly + Westly
489.96	The N.E. Cor. No. 4. Camp Verde Military Reservation
	Land mountainous 440. chains
	Sail Stony. + sandy loam 1 st + 4 th ^{1/2} ^{1/2}
	Timber Scattering. Cedar + Juniper
	Dec. 28. 1892.

48 ~~BOOK 2020~~ EXTENSORS. CAMP VERDE

Latitudes Departures

	Line <u>Designated</u>	True Bearing	Distance. <i>Chains</i>
1.	W. BOUNDARY	N 23° 16' W	403.94.
2.	N.W. do.	N 62° 34' E	154.40.
3.	N. do.	S 89° 10' E	77.40.
4.	E. do.	S 21° 37' E	489.96.
5.	S. do.	N 86° 30' W.	235.80.

TOTAL

~~BOOK 2020~~

Error in Latitude

49

MILITARY RESERVATION.

and Closing Errors.

LATITUDES		DEPARTURES	
N.	S.	E	W.
371.08			159.60
71.13		137.04	
	1.12	77.39	
	455.50	180.50	
<u>14.40</u>			<u>235.33</u>
456.61	456.62	394.93	394.93
	<u>456.61</u>		
	.01		

BOOK 2020

BOOK 2020

U. S. Surveyor-General's Office,

TUCSON, A. T., *April 21* 1893

The foregoing Field Notes of the Surveys of
The Exterior and Subdivision
lines of Camp Verde
Military Reservation
of the Gila and Salt River Meridian
in *Territory of Ariz* executed by
Daniel W Drummond

U. S. Deputy Surveyor, under his contract dated
Feb. 31st / 1892

having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

Royal Johnson
U. S. Surveyor-General
for the Territory of Arizona.