

1963

BOOK 1963

Field Notes

1963

OF THE SURVEY OF

resurvey

*portion of Eastern boundary
of the*

White Mountain or San Carlos.

INDIAN RESERVATION

Gila and Salt River Base and Meridian

ARIZONA.

By **CHARLES E. WALKER,** D.S.

Under contract dated **JAN. 8** 1887.

Survey commenced **MAY 9** 1887.

Survey completed **MAY 18** 1887.

1963

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Preliminary Oaths of Assistants.

I Lafayette Wright
and _____

do solemnly swear that I will well and faithfully execute the
duties of Chain Carriers; that we will level the chain over 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 length of all lines that we assist
in measuring, to the best of our skill and ability and in accord-
ance with instructions given us in the survey of the East

boundary of the White
Mountain or San Carlos
Indian Reservation

Lafayette Wright - Territory of Arizona

Lafayette Wright - Chairman

Chairman

Subscribed and sworn to before me, this 10th

day of May 1887

Louis Reasner
Notary Public



10
Resurvey
of that portion of the
Eastern Boundary
of the
White Mountain or
San Carlos
Indian Reservation
Arizona Territory
lying south of the
Gila River.

Preliminary to commencing this survey and in accordance with the special instructions of Hon John Hise Surveyor General of Arizona dated Feby 3^d 1887, I proceeded to Old Camp Goodwin and there found the remains of the old Haystack located in the old parade ground with the granite stone and remains of pits and mound of earth as noted in the field notes of the former survey and the stub of a post - broken off

Close to the ground, being evidently the remains of the Corner post of the Camp Thomas Military Reservation as noted in the instructions above referred to.

There are located at the northwest corner of a fence enclosing the Camp Thomas Military or fort-gardens.

From the stump of the Flagstaff as a fixed point in the line to be run, I determined a true North and South line by an observation

by means of the Solar
attachment of my
Transit, which observation
I checked by an obser-
vation on the star
Polaris on the night of
May 9th 1887 and found
both to accurately
coincide.

From this point - I
projected a line due
north to the Gila River
and commenced my
Journey.

Chains

Beginning at the Gila
River due north of the
flagstaff at old Camp
Goodwin, run

South on a true line
Var. $13^{\circ}05'E$

3.94 to south bank of flood
channels

5.26 to a point above high water
and not liable to be
washed away and set
a granite stone $20 \times 11 \times 10$ in.
15 in. in the ground, marked
I M E B S C R for Initial
Monument East Boundary
San Carlos Reservation
and dug four feet (N. S. E.
W) $24 \times 24 \times 12$ in. 6 ft dia

-tent and raised a mound of earth alongside $2\frac{1}{2}$ ft high with 5 ft base (Mound stones impracticable)

From this monument a Mesquit stem of 10 in. diam. 6 ft high, blazed and marked B.T.I.M. for bearing tree initial monument bears $N 43^{\circ} E$
1 chain 20 links.

A Cottonwood tree 28 in. diam. blazed and marked B.T.I.M. bears $N 86^{\circ} 20' W$
2 chains 49 links.

For a more prominent marking of this point I set a mesquit post

5 in. diam. 4 1/2 ft above
ground, along side the
stone (south) marking
same IMEBSCR

A scattered lot of
stones which probably
marked the initial
monument - of the former
survey, but - could not
be positively identified
bearing N 11° E 3 chains 51 links

12.88 Road to Camp Thomas
runs S.E. & N.W.

40.00 2nd - Quartzite stone 15 X
9 X 8. - 10 in. in the ground
Marked E B S C R 1/2 M for
1/2 mile monument, dug
four feet (N. S. E. & W) 24 X 24

x 12ⁱⁿ 6 ft - distant and raised mound of earth alongside, 2 1/2 ft high with 5 ft - base (Mound of stones impracticable)

48. leave valley and ascend small butte and thence over high ridges and breaks from Mesa lands

80. 2nd granite stone 15 X 10 X 9 10 in. in ground marked EBSCRIM with mound stones alongside, for one mile monument.

The one mile monument of former survey, (a stone with mound of stones now in fair condition) bears

N 10° E 1 chain 56 links
 Timber Cottonwoods
 and willows on river,
 Scattering Mesquit,
 Soil 1st rate on bottom
 3^d rate on breaks.

South on true line
 Var 13° 05' E

15. gulch course N.E.
 26.50 gulch course N.E.
 40 det - Quartzite Stone 22x
 12x7 - 17 in. in ground
 marked E B S C R 1 1/2 M
 with mound stones along
 side for one and one half

Mile Monument

65.60 descend to deep wash

80. 2nd granite Stone 18X12X8
12 in. in the ground Mark-
ed E B S C R 2 M, with
mound of stones alongside
for two mile monument

A mound of scattered
stones, the probable two
mile monument - of former
Survey, bears due south
88 links

Land rolling mesa covered
with grasswood. Some
grass. Soil 3^d rate.

South on true line.

Var $13^{\circ} 05' E$

- 3.30 ascend from wash
 7.70 Summit ridge
 15.73 Small Gulch runs N.E.
 21. descend to valley Goodwin
 wash.
 31.03 Stump of old Haystack,
 (in N.W. part parade
 ground), about $1\frac{1}{2}$ ft
 high and 1 ft diam.

Granite stone alongside
 and remains of pits
 and mound of earth of
 former survey are still
 found.

For the purpose of future
 identification of this

joint - I established the following bearing points viz.

A Mesquit stump 15 in. diam. 4 ft high, blazed and marked BTF50C9 for bearing tree Flagstaff Old Camp Goodwin bears $S 62^{\circ} 40' W$ 1 chain 89 links.

Another mesquit stump 2 ft. diam. 3 ft. high blazed and marked BTF50C9 bears $S 14^{\circ} 24' W$ 2 chains 48 links.

Thence along west side fence Camp Thomas Post gardens

40. 1st Quartzite stone 22 x 9 x 6
 17 in. in ground, marked
 E B S C R 2 1/2 M for two
 and one half mile monument
 dug four pits ^{24 x 24 x 12} two on line
 and two at right angles
 6 ft distant and raised
 mound of earth alongside
 2 1/2 ft high 5 ft base.
 (Mound stones impractical)
- 40.63 Goodwin Creek 8 in wide
 flows east - and enters
 field of Gro Ronald
- 47.17 Acquia 2 ft wide flows east
- 47.54 Acquia 2 ft wide flows east
- 51.38 leave field
- 54.17 Acquia 18 in wide flows east
71. Goodwin wash 50 ft wide

Course N.E.

80. 2st Sand Stone 22x8x6, -17 in
in ground, marked E B S C
R 3 M for three mile
Monument. Dug four
fits 24x24x12 two on
line and two at right angles
6 ft distant and raised
mound of earth alongside
2 1/2 ft high .5 ft base.
(Mound of stones impracticable)

Three mile Monument
of former survey (a stone
with fits and mound
of earth) bears S 32° 30' W
25 links

Timber scattering Mesquite
and in bottom Cottonwood

willow & ash, Soil
3^d ration mesa, 1st
rate in valley.

South on true line
Var $13^{\circ}05' E$

- 6.6 old road N.E. & S.W.
- 12.12 Military telegraph line
between Camps Thomas
and Grant.
40. Set a granite stone $19 \times$
 13×6 - 15 in. in ground
marked E B S C R $3\frac{1}{2}$ M
for three and one half mile
Monument. Dry four
ft $74 \times 74 \times 12$, two on

line and two at right-
 angles left-distant and
 raised a mound of earth
 2 1/2 ft high 3 ft base.
 Mound of stones impractica-
 ble.

45. Clear timber on Goodwin
 Wash - enter dense sage
 brush

67.30 Clear sage brush.

75.10 Old road, runs NE SW

80. Set granite stone 25 X 8 X 5
 19 in. in ground marked
 E B S C R 4 M. for four
 mile monument. Dig
 four pits 24 X 24 X 12 two
 on line and two at right-
 angles left-distant and

rained mound of earth
 alongside $2\frac{1}{2}$ ft high
 5 ft base.

Four mile monument
 of former survey (a stone
 with pits and mound
 of earth) bears $S40^{\circ}W$ Solinks
 Land level soil $1\frac{1}{4}$ rate
 timber mesquit and
 scattering cottonwoods
 with dense sagebrush.

South on true line

Far $13^{\circ}05'E$

16.50 wash 10 ft wide course NE
 24.50 clear open valley and

ascend side broken
bluffs to mesa

40. 2st Quartzite Stone 20X10X
10 - 14 in. in ground
marked E B S C R 4 1/2 M
with mound stones along
side, for four and one
half mile monument.

53.60 Summit ridge

61.35 Ascend ridge

70.80 ascend small gulch

80. 2st Quartzite Stone 18X12X10
12 in. in ground Marked
E B S C R 5 M with
mound of stones along
side for five mile Mon-
ument.

Five mile monument of

former survey (a stone
with mound of stones)
bearing $S 5^{\circ} 50' W$ 2 chains
40 links

Land after leaving valley
very broken and rolling

Soil in valley 1st rate
elsewhere 3rd rate

Scattered grasswood
and good grass

South on true line
Var $13^{\circ} 05' E$

8. Immense rolling mesa
836 Small wash runs N.E.
40. 1st Quartzite stone $18 \times 10 \times 9$

12 in. in the ground, marked
 EBSCR 5 1/2 M with
 mound of stones along
 side for five and one
 half mile monument.

80. 2nd Land Stone 7 1/2 x 10 x 7
 18 in. in ground, marked
 EBSCR 6 M with mound
 of stones along side for
 six mile monument.

Six mile monument of
 former survey (a stone
 with mound of stones)
 bears S 17° 20' W 2 chains
 22 links

Land rolling. Soil 3^d
 rate, scattering Mesquite
 Cats Claw & grasswood

South on true line
 Var $13^{\circ} 05' E$

40. 2nd Quartzite stone $18 \times 12 \times 6$
 12 in. in ground, marked
 E B S C R 6 1/2 M with
 mound of stones along
 side for dip and one half
 mile monument.
- 56.20 Wash 10 ft wide runs N.E.
80. 2nd Quartzite stone $20 \times 11 \times 7$
 15 in. in ground marked
 E B S C R 7 M for seven
 mile monument. dug
 four pits $24 \times 24 \times 12$ two
 on line and two at right
 angles 6 ft distant and

Mound of earth alongside
2½ ft high 5 ft base.

Mound stones impracticable
from mile monument
of former survey (a stone
with pits and mound
of earth) bears S 25° 30' W
¼ chains 72 links.

Land rolling, soil 3^d rate
Scattering Mesquit and
Catsclaw with abundant
granewood.

Southern true line
Var 13° 05' E

40. Set granite stone 24 X 11 X 9

18 in. in ground Marked
 EBSCR 7½ M for Iron
 and one half mile Monu-
 ment. Dry four pits
 24 x 24 x 12, two on line
 and two at right angles
 8 ft distant and mixed
 mound of earth alongside
 2½ ft high 5 ft base
 Mound stones impracticable

77.25 wash 20 ft wide runs N.E.

80. 21 granite stone 18 x 9 x 7
 12 in. in ground Marked
 EBSCR 8 M for Eight
 mile Monument. Dry
 four pits 24 x 24 x 12, two
 on line and two at right
 angles 6 ft distant and

Mound of earth alongside
2 1/2 ft high 5 ft base.

Mound stones impractica-
ble

Eight mile movement of
former survey (a stone
with pits and mound of
earth) bears S 13° 30' W 3 chains
1 link.

Land rolling, soil 2^d and 3^d
rate, scattering Mesquit-
and Cutochew

South on true line

Var 13° 05' E

40. 1st granite stone 18 X 8 X 7

12 in. in ground marked
 E.B.S.C.R 8 1/2 M with
 mound of stones along
 -side for eight and one
 half mile monument.
 A mesquit tree 14 in. in
 diam blazed and mark-
 -ed B.T. E.B.S.C.R 8 1/2 M
 bears S 44° 50' E 22 links.

- 41.10 enter Blackrock wash
 200 ft wide, runs east,
 49.10 wash 175 ft wide course east-
 73. a road runs E. & W.
 80. 2nd Quartzite stone 21 X 10 X 10
 16 in. in ground marked
 E.B.S.C.R 9 M for three
 mile monument; dug
 four pits 24 X 24 X 12, two

on line and two at right
 angles 6 ft distant and
 raised mound of earth
 along side 2 1/2 ft high
 5 ft base. Mound stones
 impracticable.

One mile monument
 of former survey (a stone
 with pits and mound of
 earth bears S 18° 30' W 3 chains
 31 links.

Land first half mile
 rolling soil 3^d rate, last
 half mile in Blackrock
 valley level soil 1st rate
 Scattering mesquit and
 cutoclaw with some lycam-
 mor ash and willow

along wash.

South on true line

Var $13^{\circ}05'E$

40. 2st Limestone $15 \times 13 \times 8, 10$
in. in ground marked
E B S C R $9\frac{1}{2}M$ for true
and one half mile monument.
Dug four pits $24 \times 24 \times 12$
two on line and two at
right angles 6 ft distant
and raised mound of
earth alongside $2\frac{1}{2}$ ft
high 5 ft base. Mound
stones impracticable.
41. 15 leave valley and enter

low, broken, rolling
mesa

80. Set granite stone 16x9x8
11 in. in ground marked
E B S C R 10 M for ten
mile monument. Day
four pits 24x24x12 - two
on line and two at right-
angles 6 ft distant and
around mound of earth
along side 2 1/2 ft high 3 ft
base. Mound stones
impracticable

Ten mile monument
of former survey (a
stone with mound of
stones bears S 15° W 3 chains
50 links.

First half mile Land level
 Soil 1st rate, last half
 mile rolling soil 3rd rate
 Abundant mesquite
 good grass.

South on true line
 Var 12° 38' E

40. 2nd Quartzite stone 18x13x11
 12 in. in ground marked
 EBSCR 10 1/2 M with
 Monument of stones for ten
 and one half mile mon-
 ument

73.70 Wash 10ft wide Course N.E.
 80. 2nd granite stone 14x9x9

73.70

10 in. in ground marked
 EBSCR 11 M with mound
 of stones alongside for
 Eleven mile monument.

A mesquit-tree 6 in.
 diam. blazed and mark-
 -ed BT EBSCR 11 M
 bears $S 76^{\circ} 55' W$ 27 links.

The eleven mile monu-
 ment of former survey
 (a stone with pits and
 mound of earth) bears
 $S 19^{\circ} 55' W$ 4 chains 80 links.
 Land rolling soil & water
 scattering mesquit and
 catclaw. good grass

South on true line

Var $12^{\circ}38'E$

40. 1st Quartz stone $14 \times 10 \times 8$
10 in. in ground marked
EB SCR $11\frac{1}{2}M$ with
mound stones along side
for Eleven and one half
mils monument

45.30 wash 30 ft with course NE.

80. 1st Concretionite sandstone
 $24 \times 18 \times 6$, 18 in. in ground
marked EB SCR 12 M
for twelve mils monu-
ment. Dug four pits 24
 $\times 24 \times 12$ two on line and
two at right angles 6 ft
distant and raised
mound of earth along side

2½ ft high 5 ft base.
Mound of stems infracti-
-cable.

Twelve mile Monument -
of former survey not found
Land rolling, soil 2nd rate
scattering Mesquite and
Cato claw.

South on true line
Var $12^{\circ} 38' E$

40. Set sandstone $19 \times 10 \times 7$
15 in. in ground marked
E B S C R 12½ M for
Twelve and one half mile
Monument. Dry four

fits $24 \times 24 \times 12$, two on
line and two at right
angles 6 ft distant and
raised mound of earth
along side $2\frac{1}{2}$ ft high
5 ft base. Mound of
stones impracticable.

48.50 Old road runs N.E. & S.W.

50. 2nd Quartzite stone $18 \times 9 \times 9$
12 in. in ground marked
E B S C R 13 M for Thirteen
Mile Monument. Dug four
fits $24 \times 24 \times 12$, two on
line and two at right angles
6 ft distant and raised
mound of earth $2\frac{1}{2}$ ft high
5 ft base along side.
Mound stones impracticable

Thirteen Mile Monument
former survey (alluvial
with fill and mound
of earth bears $S 25^{\circ} W$ 7
chains 4 links.

Land rolling, soil 2^d
rate. Scattered mesquit
and catclaw.

South on true line
Var $12^{\circ} 38' E$

40. 2st Sycamore Stone $20 \times 9 \times 9$
15 in. in ground marked
E B S C R $13\frac{1}{2} M$ for
Thirteen and one half mile
Monument. Dry four

fits $24 \times 24 \times 12$, two on line and two at right angles 6 ft distant and raised mound of earth alongside $2\frac{1}{2}$ ft high 5 ft base. Mound stones impracticable.

80. See granite stone $16 \times 10 \times 9$ 11 in. in ground marked EBS'CR 14 M for fountain mt. monument. Dry four fits $24 \times 24 \times 12$, two on line and two at right angles 6 ft distant and raised mound of earth alongside $2\frac{1}{2}$ ft high 5 ft base. Mound stones impracticable.

Fourteen mile Monu-
ment former survey (a
stone with pits and
mound of earth brass
S 26° 40' W 7 chains 80 links.
Land slightly rolling
soil 2nd rate. Scattering
mesquit and catclaw

South on true line
Var 12° 38' E

40. 2nd Quartzite stone 17 X 8 X 8
12 in. in ground marked
EB SCR 14 1/2 M for four-
teen and one half mile
Monument. Dug four

fits $24 \times 24 \times 12$, two on line and two at right angles 6 ft distant and raised mound of earth alongside $2\frac{1}{2}$ ft high 5 ft base. Mound of stones impracticable.

So. set Quartzite stone $15 \times 13 \times 8$ 10 in. in ground, marked E B S C R 15 M for fifteen mile monument, or south east corner of Reservation. Dug four fits $24 \times 24 \times 12$ two on line and two at right angles 6 ft distant and raised mound of earth alongside $2\frac{1}{2}$ ft high 5 ft base

Mound stones impracticable
A mesquit tree 6 in
diam. blazed & marked
E B S C R 15 M B T brass
S 54° 05' W 92 links.

A mesquit-tree 8 in. diam
blazed and marked
E B S C R 15 M B T.
brass N 26° 10' W 44 links

Fifteen mile monument
former survey not found
Most of the monuments
marking former sur-
vey of this line are small,
obscure and not easily
found.

From the Haystack at old
Camp Goodwin the NW.
Cor. Sec. 30 T 45 R 23 E
bears N $76^{\circ}35'E$ 101 chains
85 links.

May 18th 1887

Chas E Walker
U.S. Def. Sur.

U. S. Surveyor-General's Office,

TUCSON, A. T., Feb. 6th 1888

The foregoing Field Notes of the Surveys of
a portion of the Eastern
boundary of the White Mountain
or San Carlos Indian Reservation

..... Gila and Salt River Meridian
in executed by

Charles E. Walker.

U. S. Deputy Surveyor, under his contract dated
January 8th 1887
having been critically examined, the necessary correc-
tions and explanations made, the said Field Notes and
the surveys they describe are hereby approved.

John Hise
U. S. Surveyor-General
for the Territory of Arizona.

I *Lafayette Wright*

do solemnly swear that I will well and truly perform the duties of *Are man*

BOOK 1963

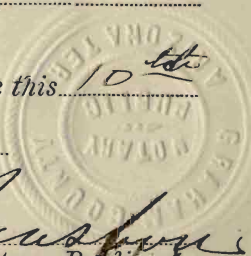
in the establishment of corners and other duties according to instructions given us, and to the best of our skill and ability, in the survey of the *East boundary of the White Mountain or San Carlos Indian Reservation*

Territory of Arizona.

Lafayette Wright

Subscribed and sworn to before me this *10th* day of *May* 188*7*

Louis Reusner
Notary Public.



BOOK 1963
Preliminary Oaths of Assistants.

We John H. Renuick
and Samuel S. Hughes
do solemnly swear that we will well and faithfully execute the
duties of Chain Carriers; that we will level the chain over 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 length of all lines that we assist
in measuring, to the best of our skill and ability and in accord-
ance with instructions given us in the survey of the East
boundary of the White Mountain
or San Carlos Indian
Reservation

Territory of Arizona.

John H. Renuick Chainman.
Samuel S. Hughes Chainman.

Subscribed and sworn to before me, this 6th

day of May 1887

R. G. Jay Clerk District of
Notary Public.

Wilcox County Arizona

We John H. Renuick and Samuel S. Hughes

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

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 East boundary of the White Mountain or San Carlos Indian Reservation

Territory of Arizona.

John H. Renuick
Samuel S. Hughes

Subscribed and sworn to before me this 6th

day of May 1887

W. G. Clark District Court
Notary Public.
San Carlos, Arizona

LIST OF NAMES.

BOOK 1963

A List of the Names of Individuals employed by
 Chas E Macker U. S. Deputy Surveyor to
 assist in running, measuring and marking the lines and
 corners described in the foregoing Field Notes of the survey of
 the East-Boundary of the
 White Mountain or
 San Carlos Indian
 Reservation

~~of the principal base and meridian in the Territory of Arizona,~~
 showing the respective capacities in which they acted.

J. H. Rannick, Chairman ∇ Ariz. ~~Ariz.~~
 Saml D Hughes, Chairman ∇ Ariz. ~~Ariz.~~
 Lafayette Wright, - Chairman ∇ Ariz. ~~Ariz.~~



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BOOK 1983

Final Oaths of Assistants.

We hereby certify that we assisted Chas E
Walker U. S. Deputy Surveyor, in surveying
the East Boundary of the
White Mountain on San
Carlos Indian Reservation

~~of the principal 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 es-
tablished according to the instructions furnished by the U. S.
Surveyor-General for Arizona.

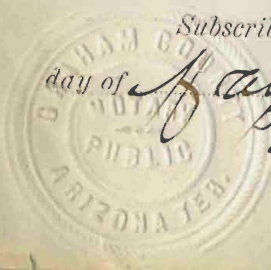
W. K. Rice
Samuel S. Hughes
Lafayette Wright

Subscribed and sworn to before me this 19th

day of May

1887

Louis Pearson
Notary Public.
John C. Ory



Final Oath of U. S. Deputy Surveyor.

1. Chas E Tucker

United States Deputy Surveyor, do solemnly swear that in pursuance of instructions received from John

Hise U. S. Surveyor General for Ari-

zona bearing date of the 3d day of February

1887 I have well, faithfully, and truly, in my own proper person and in strict conformity, with the instructions furnish-

ed by the U. S. Surveyor General for Arizona, the surveying manual and the laws of the United States surveyed the East-
boundary of the White
Mountain or San Carlos
Indian Reservation

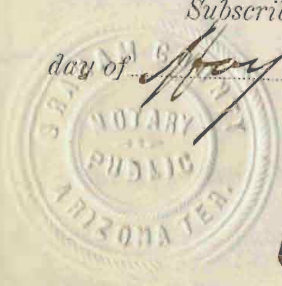
~~of the principal base and meridian~~ in the Territory of Arizona, as are represented in the foregoing fields notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of the said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the U. S. Surveyor General for Arizona, and in

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.

Chas E Wacker
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this *14th*

day of *May* 188*7*



Louis Neashon
Notary Public.
John C. O'Connell

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