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Book A.

BOOK 2095

2095
FIELD NOTES

2095

OF THE SURVEY OF THE

2095

BOUNDARIES OF CAMP BOWIE ABANDONED MILITARY RESERVATION.

2095

Of the Gila and Salt River Base and Meridian,

Arizona

AS SURVEYED BY

Jesse B. Wright, United States Deputy Surveyor,

Under his Contract No. 149, dated June 13, 1908

Survey commenced October 5, 1908

Survey completed October 11, 1908

6-161

2095

2095

2095

NAMES AND DUTIES OF ASSISTANTS.

Walter L Morrison Chairman

Walter Percival "

Harvey H Coke "

Monell Vandola Groundman

Santiago Vandwa Floorman

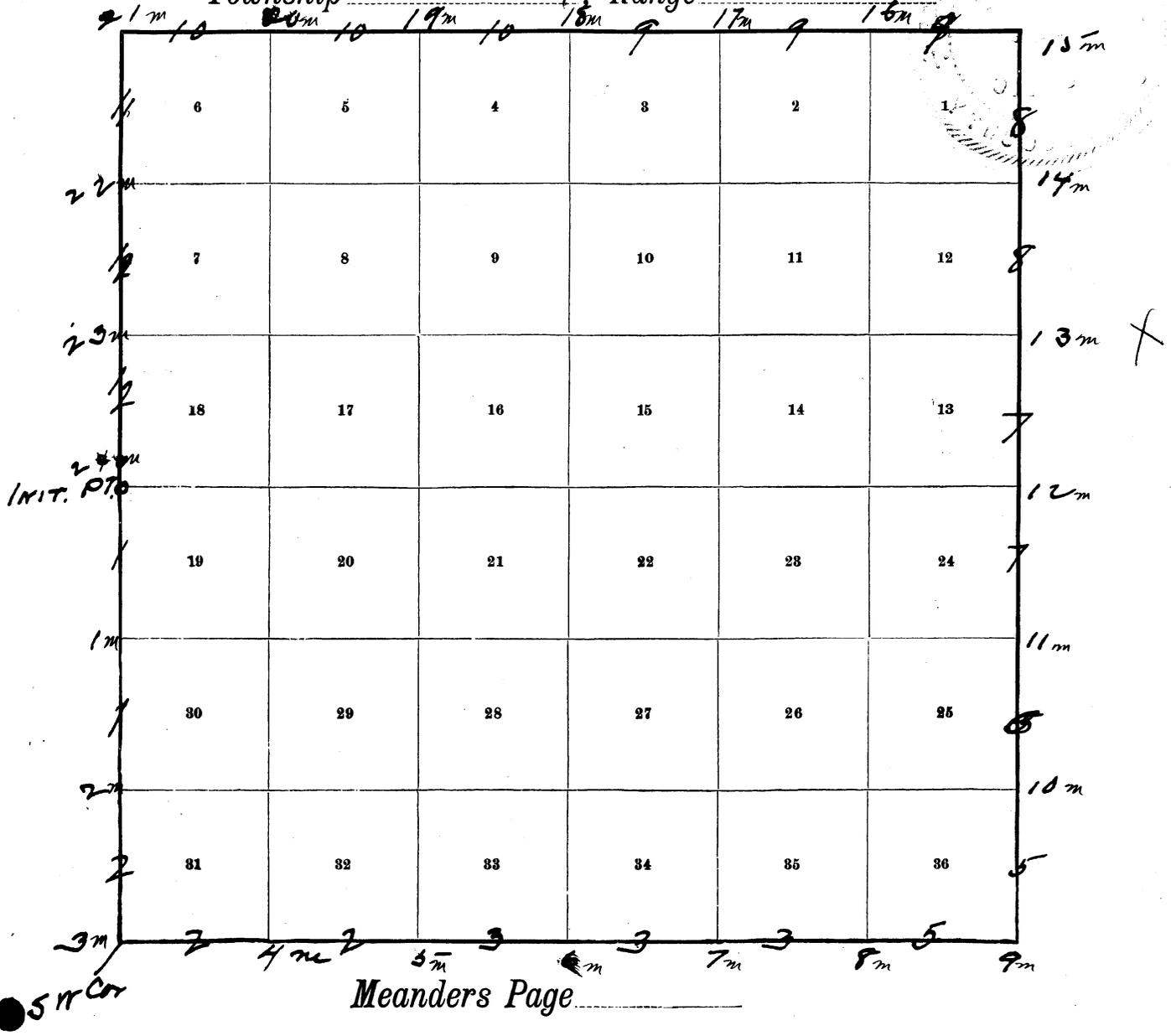
Frank Jones Axeman

BOOK 2095

INDEX DIAGRAM.

CAMP BOWIE MILITARY RES.

Township 1 Range



103 (C)

BOOK 2095

PRELIMINARY OATHS OF ASSISTANTS.

WE, Walter L. Morrison and Walter Percival
Harvey H. Coke
do solemnly swear that we will well and faithfully execute the duties of chainmen; 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 distances 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

Boundary of Old Camp Bowie Abandoned Mil. Sta.
Walter L. Morrison, Chainman.

Walter Percival, Chainman.

Subscribed and sworn to before me this 5th day of October, 1908

My commission expires August 11, 1909

J. B. Kenstomaker
Notary Public

WE, Manuel Vindola and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

Boundary of Old Camp Bowie Abandoned Mil. Sta.
Manuel Vindola, Moundman.

_____, Moundman.

Subscribed and sworn to before me this 5th day of October, 1908



Jesse B. Wright
U. S. Deputy Surveyor

WE, Frank Jones and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

Boundary of Old Camp Bowie Abandoned Mil. Sta.
Frank Jones, Axman.

_____, Axman.

Subscribed and sworn to before me this 5th day of October, 1908



Jesse B. Wright
U. S. Deputy Surveyor

I, Santiago Vindola, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

Boundary of Old Camp Bowie Abandoned Mil. Sta.
Santiago Vindola, Flagman.

Subscribed and sworn to before me this 5th day of October, 1908

My commission expires August 11, 1909

J. B. Kenstomaker
Notary Public

BOOK 104
2095

chains

Survey commenced October 5, 1908, and executed with a W. & L. E. Gurley Light Mountain Transit, Special, not numbered, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, with Butt's patent Solar Attachment, the decl. and lat. arcs reading to 30 seconds of arc.

I begin at the original west side center monument, which is an old post, marked U S M R. As this post is badly decayed, I reestablish this corner by setting a granite stone, 36 X 24 X 12 ins., 24 ins. in the ground at the original cor. point, marked C B A M R on E, I M on N face, for initial monument, and P L on W face, and raise a mound of stones, 5 ft. base, 4 ft. high, E. of cor.

At 3h p.m., l.m.t., I set off 32° 8½' N. on the lat. arc, this being my observed latitude at noon of this day, and 4° 50' S. on the decl. arc, and determine a meridian with the solar, and mark a point in this meridian by a tack driven in a stake 5.00 chs. N. of my station. At 6h 35m. p.m., l.m.t., I observe Polaris at eastern elongation, in accordance with the instructions in the Manual, and mark the line thus determined by a tack driven in a stake 5.00 chs. N. of my station.

October 6, 1908. At 8h a.m., l.m.t., I set off 32° 8½' N. on the lat. arc, and 5° 6' S. on the decl. arc, and determine a meridian with the solar, which meridian coincides with that determined by the solar observation, on the preceding evening. From the line as given by eastern elongation of Polaris, I turn 1° 24' W. for a true meridian, which line falls 1/8 ins. E of that line given by solar observation; hence, I conclude that my instrument is in satisfactory adjustment, having previously tested the levels and line of collimation and finding same satisfactory.

Thence I run,
S. 0° 9' E. on a true line on the West Boundary
of Camp Bowie Abandoned Military Reservation.
Var. 13° E.

Over rolling land.

4 50 Wire fence, brs. E. and W., enter pasture of Jos Shafer.
29.50 Wash, 50 lks. wide, course SE., ranch house of Jos.
Shafer brs. N. 53° W., 28 chs. dist.

40.00 Set a granite stone, 24 X 12 X 8 ins., 18 ins. in the
ground, for ½ mile cor., marked
C B A M R on E. face,
P L on W. and
½ M on N. face, and raise a mound of stone, 3 ft.
base, 2 ft. high, N. of cor. Pits impracticable.

50.50 Wire fence, Brs. NW. and SE. Leave pasture.

55.50 Road, brs. NNW and SSE.

80.00 Set a granite stone, 24 X 15 X 12 ins., 18 ins. in the
ground, for the 1 mile cor., marked
C B A M R on E.,
P L on W., and
1 M on N. faces, and raise a mound of stone, 3 ft.
base, 2 ft. high, N. of cor. Pits impracticable.

Land, rolling,

Soil, sandy and gravelly; 2nd and 3rd rate.

No timber or undergrowth, but good native grass.

Rolling land, 80.00 chs.

Thence I run,
South, 0° 9' E.,
Var. 13° E.,
Over rolling land, descending gradually.

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Survey of Boundary of Camp Bowie Abandoned Military Reservation.

BOOK 2095

chains

40.00

Set a granite stone, 24 X 12 X 12 ins., 18 ins. in the ground, for the 1 1/2 mile cor., marked

C B A M R on E.,

P L on W., and

1 1/2 M on N. faces, and raise a mound of stones,

3 ft. base, 2 ft. high, N. of cor. Pits impracticable.

80.00

Set a granite stone, 30 X 15 X 12 ins., 23 ins. in the ground, for the 2nd mile cor., marked

C B A M R on E.,

P L on W., and

2 M on N. faces, and raise a mound of stone, 3 ft.

base, 2 ft. high, N. of cor. Pits impracticable.

Land, rolling.

Soil, sandy and gravelly; 2nd and 3rd rate.

No timber nor undergrowth.

Rolling land, 80.00 chs.

From the 2nd mile cor. I run,

S. 0° 9' E., var. 13° E.

Over rolling land, descending gradually.

40.00

Set a granite stone, 24 X 12 X 8 ins., 18 ins. in the ground, for the 2 1/2 mile cor., marked

C B A M R on E.,

P L on W., and

2 1/2 M on N. faces, and raise a mound of stones,

3 ft. base, 2 ft. high, N. of cor. Pits impracticable.

65.00

Draw, 80 lks. wide, course SW.

80.00

The 3rd mile cor., identical with the original SW. cor. post of Reservation, which is a pine post, 8 X 8 ins., X 6 ft. above ground, marked U S M R. This post being in good state of preservation, I re-mark

C B A M R on NE.,

P L on NW., SW. and SE.

3 M on SW. cor., and raise a mound of stones, 5

ft. base, 4 ft. high, NE. of cor., and dig pits,

36 X 36 X 18 ins., N. and E. 8 ft. on line.

Land, rolling.

Soil, sandy and gravelly; 2nd and 3rd rate.

No timber nor undergrowth.

Rolling land, 80.00 chs.

At 11h 48m., a.m., 1.m.t., I set off 5° 10' S., on the decl. arc, and observe the sun on the meridian; the resulting lat. is 32° 6' N. On the afternoon of this date, I run a blank line along the South boundary of the Reservation in order to locate any monuments on the south boundary and the SE. cor. I find the S. Bdy. brs. N. 89° 58' E.

October 6, 1908.

October 7: At 8h., a.m., 1.m.t., I set off 5° 29' S. on the decl. arc and 32° 6' N. on the lat. arc, and determine a true meridian with the solar at the 3rd mile cor.

Thence I run,

N. 89° 58' E., Var. 13° E.,

Over level and open land.

38.50

Road, brs. N. and S.

40.00

Set a limestone, 24 X 12 X 8 ins., 18 ins. in the ground, for the 3 1/2 mile cor., marked C B A M R on N., P L on S., and 3 1/2 M on W. faces, and raise a mound of stones, 5 ft. base, 2 ft. high, W. of cor. No bearings available.

70.10

Road brs. N. and S. from Chiricahua Mts. to Bowie.

80.00

Set a limestone, 20x12x8 ins., 15 ins. in the ground for 4 mile cor marked C B A M R on N., P. L. on S., and 4 M on W. faces, and raise a mound of stone, 3 ft. base, 2 ft. high W. of cor. No bearings available.

Land, rolling, smooth and open. Soil, 2nd rate, sandy, loamy.

No timber or undergrowth. Good native grass. Smooth

open land, 80.00 chs.

BOOK 2095

chains	N. 89° 58' E., var. 13° E. Over level, open land.
40.00	Set a limestone, 24 X 15 X 10 ins., 18 ins. in the ground, for the 4 $\frac{1}{2}$ mile cor., marked C B A M R on N., P L on S., and 4 $\frac{1}{2}$ M on W. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, W. of cor. Pits impracticable.
80.00	Set a limestone, 24 X 15 X 10 ins., 18 ins. in the ground, for the 5th mile cor., marked C B A M R on N., P L on S., and 5 M on W. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, W. of cor. No bearings available. Land, rolling. Soil, sandy and gravelly; 2nd rate. No timber nor undergrowth, good native grass. Gently rolling land, 80.00 chs.
27.45	N. 89° 58' E., var. 13° E. Over rolling land, ascending gradually.
40.00	Wire fence, brs. N. and S., enter pasture of John Riggs. Set a granite stone, 24 X 18 X 12 ins., 18 ins. in the ground, for the 5 $\frac{1}{2}$ mile cor., marked C B A M R on N., P L on S., and 5- $\frac{1}{2}$ M on W. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, W. of cor. No bearings available.
80.00	Set a limestone, 30 X 15 X 8 ins., 22 ins. in the ground, for the 6th mile cor., marked C B A M R on N., P L on S., and 6 M on W. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, W. of cor. No bearings available. Land, rolling. Soil, sandy and gravelly; 2nd and 3rd rate. No timber nor undergrowth; good native grass. Rolling land, 80.00 chs. At 11h 48m., a.m., 1.m.t., I set off 5° 33' S. on the decl. arc, and observe the sun on the meridian; the resulting lat. is 32° 6' N.
.72	N. 89° 58' E., var. 13° E. Over mountainous land, ascending.
19.00	Find a pine post, 6 X 6 ins. X 5 ft. above ground, marked U S M R. This post being well preserved and evidently the original South Side Center Monument of the Reservation, I mark C B A M R on N., P L on S. faces, and raise a mound of stones, 5 ft. base, 4 ft. high, N. of post.
36.40	Draw, 50 lks. wide, course SW. Stone monument on line.
40.00	Set a granite stone, 30 X 15 X 10 ins., 24 ins. in the ground, for 6 $\frac{1}{2}$ mile cor., marked C B A M R on N., P L on S., and 6- $\frac{1}{2}$ M on W. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, W. of cor. No bearings available.
46.00	Main wash, 1.00 ch. wide, course S., ascend.
79.00	Top of ridge, extends WSW and ENE.
80.00	Set a limestone, 24 X 20 X 12 ins., 18 ins. in the ground, for the 7th mile cor., marked C B A M R on N., P L on S., and 7 M on W. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, W. of cor. No bearings available. Land, mountainous. Soil, stony; 2nd and 3rd rate. No timber nor undergrowth; good native grass. Mountainous land, 80.00 chs.

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Survey of Boundary of Camp Bowie Abandoned Military Reservation.

BOOK 2095

chains
 16.47 N. 89° 58' E., var. 13° E.
 38.50 Over mountainous land, ascending through dense scrub oak.
 40.00 Top of high butte, extends N. and S., descend steeply.
 Dry wash, 80 lks. wide, course S.
 Set a limestone, 24 X 15 X 18 ins., 18 ins. in the
 ground, for 7½ mile cor., marked
 C B A M R on N.,
 P L on S., and
 7½ M. on W. faces, and raise a mound of stones, 3 ft.
 base, 2 ft. high, W. of cor. No bearings available.
 Ascend gradually over broken ground.
 55.00 Main wash, 80 lks. wide, course SSW.
 80.00 Set a limestone, 30 X 18 X 12 ins., 24 ins. in the
 ground, for the 8th mile cor., marked
 C B A M R on N.,
 P L on S., and
 8 M on W. faces, and raise a mound of stones,
 3 ft. base, 2 ft. high, W. of cor. No bearings avail-
 able. Pits impracticable.
 Land, mountainous.
 Soil, stony; 3rd rate.
 No timber; undergrowth, dense scrub oak.
 Mountainous land, exceptionally difficult to survey,
 80.00 chs.

October 7, 1908.

 October 8, 1908. At 8h. a.m., 1.m.t., I set off 5° 52' S.
 on the decl. arc, and 32° 6' N. on the lat. arc, and
 determine a true meridian with the solar at the 8th
 mile cor.

Thence I run,
 N. 89° 58' E., var. 13° E.
 15.00 Over mountainous land, ascending/
 21.00 Gulch, 40 lks. wide, course S., ascend.
 20.50 Top of spur, extends S., descend.
 23.00 Wash, 10 lks. wide, course S.
 35.00 Wash, 10 lks. wide, course S., ascend.
 40.00 Top of knoll, extends N. and S., descend.
 Set a limestone, 24 X 18 X 8 ins., in mound of stone
 because it is impracticable to set same in the ground
 on account of rocky nature of same, for 8½ mile cor.,
 marked
 C B A M R on N.,
 P L on S., and
 8½ M on W. faces, and raise a mound of stone, 3 ft.
 base, 2 ft. high, W. of cor., from which
 A juniper, 24 ins. diam., brs. N. 69° 55' E., 202
 lks. dist., marked T 15 S R 29 E S 28 8½ M BT.
 No other bearings available.
 43.00 Gulch, 20 lks. wide, course SW.
 49.00 Main gulch, 2.00 chains wide, course SW.
 50.50 Old road, brs. NE. and SW.
 52.00 Main Canyon, 50 lks. wide, course WSW.
 Ascend along Canyon, through dense oak, cedar and pinon.
 79.00 Leave canyon to N.
 80.00 Set a sandstone, 24 X 18 X 12 ins., 18 ins. in the
 ground, for the 9th mile cor., marked
 C B A M R on N.,
 P L on S., and
 9 M on W. faces, and raise a mound of stone, 3 ft.
 base, 2 ft. high, W. of cor., from which
 A juniper, 24 ins. diam., brs. N. 60° W., 20 lks.
 dist., marked T 15 S R 29 E S 28 8-1/2 M B T.
 No other bearings available.
 Land, mountainous.
 Soil, gravelly and stony; 2nd and 3rd rate.
 Timber, juniper, oak and pinon; undergrowth, juniper
 oak and pinon.
 Mountainous land, exceptionally difficult to survey,
 80.00 chs.

Survey of Boundary of Camp Bowie Abandoned Military Reservation.

BOOK 2095

chains

.63 N, 89° 58' E., var. 13° E.
 Over mountainous land, ascending.
 To original SE. cor. of Reservation, which is a pine post, 6 X 6 ins., X 6 ft. above ground, marked USMR and firmly set in the ground.
 As this post is well preserved, I mark same for the SE. cor..
 C B A M R on NW. face,
 P L on NE., SE., and SW., and
 SE Cor on NW. face, and raise a mound of stones, 5 ft. base, 4 ft. high, NW. of cor., from which
 A juniper, 18 ins. diam., brs. N. 69° E., 139 lks dist., marked T 15 S R 29 E S 28 SE Cor B T.
 A pinon, 8 ins. diam., brs. N. 26.5° W., 175 lks. dist., marked T 15 S R 29 E S 28 SE Cor B T.
 No other bearings available.
 Rhence I run North along the East Bdy. of Reservation, continuing measurement from 9th mile cor.
 .93 Gulch, 20 lks. wide, course W. Asc. through dense timber.
 23.65 Top of spur, extends SW., thence along W. slope.
 33.22 Top of main divide, brs. NW and SE., descend along N. slope, through dense pine timber.
 40.00 Set a granite stone, 30 X 20 X 10 ins., 24 ins. in the ground, for 9½ mile cor., marked
 C B A M R on W.,
 P L on E., and
 9½ M on S. faces, and raise a mound of stone, 5 ft. base, 2 ft. high, S. of cor., from which
 A pine, 6 ins. diam., brs. N. 82.5° E., 39 lks. dist., marked T 15 S R 29 E S 28 9½ M B T.
 A pine, 12 ins. diam., brs. S 1° E., 4 lks. dist., marked T 15 S R 29 E S 28 9½ M B T.
 A pine, 10 ins. diam., brs/ S. 70° W., 37 lks. dist., marked T 15 S R 29 E S 28 9½ M B T.
 A pine, 8 ins. diam., brs. N. 80.5° W., 17 lks. dist., marked T 15 S R 29 E S 28 9½ M B T.
 50.40 Begin steep descent.
 63.60 Gulch, 50 lks. wide, course NE.
 71.50 Gulch, 40 lks. wide, course E., ascend steeply through dense oak and manzanita.
 80.00 Set a granite stone, 24 X 12 X 8 ins., 18 ins. in the ground, for 10th mile cor., marked
 C B A M R on W.,
 P L on E., and
 10 M on S. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, S. of cor., from which
 An oak, 10 ins. diam., brs. N. 60° E., 10 lks. dist., marked T 15 S R 29 E S 21 10 M B T.
 A juniper, 24 ins. diam., brs. West, 54 lks. dist., marked T 15 S R 29 E S 21 10 M B T.
 No other bearings available.
 Land, mountainous.
 Soil, stony; 2nd and 3rd rate.
 Timber, pine, oak and juniper; undergrowth, manzanita and scrub oak.
 Mountainous land, exceptionally difficult to survey,
 80.00 chs.
 At 11h 48 M a.m. l.m.t., I set off 5° 56' S. on the decl. arc, and observe the sun on the meridian; the resulting lat. is 32° 7' N.

 North, along the E. Bdy. of Reservation, var. 13° E.
 Over mountainous land, descending through oak and juniper timber.
 20.00 Feet of E. slope.
 24.00 Emigrant Canyon, 2.00 chs. wide, course NE., ascend.
 31.00 Gulch, 80 lks. wide, course NW., (Emigrant Canyon).
 descend along W. slope.

BOOK 2095

chains
40.00

41.00

43.50

56.80

80.00

1.50

5.00

19.00

31.10

40.00

80.00

Set a limestone, 24 X 12 X 12 ins., 18 ins. in the ground for the 10 $\frac{1}{2}$ mile cor., marked
C B A M R on W.,
P L on E., and
10 $\frac{1}{2}$ M on S. faces, and raise a mound of stone, 3 ft. base, 2 ft. high, S. of cor., from which
An oak, 6 ins. diam., brs. N. 89° E., 12 lks. dist., marked T 15 S R 29 E S 21 10 $\frac{1}{2}$ M B T.
An oak, 6 ins. diam., brs. N. 8° W., 123 lks. dist., marked T 15 S R 29 E S 21 10 $\frac{1}{2}$ M B T.
An oak, 15 ins. diam., brs. S. 76° W., 100 lks. dist., marked T 15 S R 29 E S 21 10 $\frac{1}{2}$ M B T.
No other bearings available.
Gulch, 10 lks. wide, course W.
Emigrant Canyon, 50 lks. wide, course NE., ascend steeply.
Point of high ridge, descend. Gulch, course E.
Set a granite stone, 30 X 24 X 12 ins., 24 ins. in the ground, for 11th mile cor., marked
C B A M R on W.,
P L on E., and
11 M on S. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, S. of cor., from which
An oak, 12 ins. diam., brs. N. 8.5° E., 70 lks. dist., marked T 15 S R 29 E S 16 11 M B T.
An oak, 12 ins. diam., brs. S. 78° W., 43 lks. dist., marked T 15 S R 29 E S 16 11 M B T.
An oak, 18 ins. diam., brs. N. 38° W., 123 lks. dist., marked T 15 S R 29 E S 16 11 M B T.
No other bearings available.
Land, mountainous.
Soil, stony; 2nd and 3rd rate.
Timber, oak, cedar, juniper; undergrowth, scrub oak and manzanita.
Mountainous land, exceptionally difficult to survey, 80.00 chs.
Thence along E. Boundary of Reservation. Var: 13° E.
Over mountainous land, descending.
Gulch, 20 lks. wide, course E. Ascend.
Top of E. slope, descend gradually.
Head of main gulch, 50 lks. wide, course SE., ascend precipitous slope.
Top of high ridge, extends E. and W., descend.
Set a granite stone, 30 X 12 X 10 ins., 24 ins. in the ground, for the 11 $\frac{1}{2}$ mile cor., marked
C B A M R on W.,
P L on E., and
11 $\frac{1}{2}$ M on S. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, S. of cor., from which
An oak, 6 ins. diam., brs. S. 75° 20' E., 175 lks. dist., marked T 15 S R 29 E S 16 11 $\frac{1}{2}$ M B T.
No other bearings available.
Set a pine post, 6 X 6 ins., X 8 ft. long, 24 ins. in the ground, in mound of stone, 3 ft. high, marked
C B A M R on W.,
P L on E., and
12 M on S. faces, and raise a mound of stones, 3 ft base, 2 ft. high, S. of post, from which
An oak, 15 ins. diam., brs. S. 43° 45' W., 100 lks. dist., marked T 15 S R 29 E S 9 12 M B T.
An oak, 15 ins. diam., brs. N. 35° 45' W., 118 lks. dist., marked T 15 S R 29 E S 9 12 M B T.
No other bearings available.
This post was found lying on the ground nearby and was faintly marked U S M R, and was evidently an original line post of the Reservation.
Land, mountainous.
Soil, stony and gravelly; 2nd and 3rd rate.
Timber, scattering oak and juniper; undergrowth, scattering scrub oak and manzanita.
Mountainous land, exceptionally difficult to survey, 80.00 chs.

October 8, 1908.

BOOK 2095

chains

October 9, 1908. At 8h., a.m., l.m.t., I set off
 6° 15' S. on the decl. arc, and 32° 8½° N. on the
 lat. arc, and determine a true meridian with the
 solar at the 12th mile cor.

Thence I run,
 North, along the E. Bdy. of the Reservation, var. 13° E.
 Over mountainous land, descending.

8.00 Gulch, 50 lks. wide, course E., 40 ft. deep; ascend.
 20.00 Point of ridge, extends E., descend.
 30.00 Head of deep gulch, course NE., ascend steep slope.
 40.00 Point for the 12½ mile cor. falls on granite boulder 10x5x3 ft
 in place, which I mark with a cross for exact
 12½ mile cor. point, and
 C B A M R on W.,
 P L on E., and
 12½ M on S. of cross, and raise a mound of stone,
 3 ft. base, 2 ft. high, S. of cor., from which
 An oak, 12 ins. diam., brs. N. 25° E., 85 lks.
 dist., marked T 15 S R 29 E S 9 12½ M B T.
 An oak, 18 ins. diam., brs. S. 67° E., 87 lks.
 dist., marked T 15 S R 29 E S 9 12½ M BT.
 No other bearings available.

80.00 Foot of slope.
 Mark a granite boulder in place, 5 X 4 X 2 ft. above
 ground, with a cross for exact point for 13th mile
 cor., and
 C B A M R on W.,
 P L on E., and
 13 M on S. of cross, and raise a mound of stones,
 3 ft. base, 2 ft. high, S. of cor. No bearings
 available. Pits impracticable.

Land, mountainous.
 Soil, stony; 3rd rate.
 Timber, scattering oak, cedar and juniper; undergrowth,
 scattering scrub oak and cactus.
 Mountainous land, exceptionally difficult to survey,
 80.00 chs.

North, along E. Bdy. of Reservation, var. 13° E.
 Over rolling land, descending gradually.

15.00 Enter dense mesquite and tessita undergrowth.
 37.00 Road, brs. NW. and SE.
 40.00 Set a granite stone, 30 X 15 X 12 ins., 24 ins. in
 the ground, for 13½ mile cor., marked
 C B A M R on W.,
 P L on E., and
 13½ M on S. faces, and raise a mound of stones,
 3 ft. base, 2 ft. high, S. of cor. No bearings avail-
 able. Pits impracticable.

Ascend gradually.

60.00 Top of butte, extends E. and W., descend.
 80.00 Set a granite stone, 30 X 15 X 6 ins., 24 ins. in
 the ground, for the 14th mile cor., marked
 C B A M R on W.,
 P L on E., and
 14 M on S. faces, and raise a mound of stones, 3 ft.
 base, 2 ft. high, S. of cor. Pits impracticable.

Land, rolling.
 Soil, gravelly and sandy; 2nd and 3rd rate.
 No timber; undergrowth, dense tessita and mesquite.
 Rolling land, covered with dense undergrowth, 80.00 chs.

Survey of Boundary of Camp Bowie Abandoned Military Reservation.

BOOK 2095

chains

9.00 North, on E. Bdy. of Reservation, var. $13^{\circ} 10' E$.
 Over rolling land, through dense mesquite and tessita.
 Enter main wash from Emigrant Canyon, 3.00 chs. wide,
 thence along same.

15.00 Leave canyon to E., course NE.

16.75 In same Canyon.

18.00 Leave canyon to W., course NNW.

40.00 Set a granite stone, 36 X 18 X 15 ins., 28 ins. in the
 ground, for the 14 $\frac{1}{2}$ mile cor., marked
 C B A M R on W.,
 P L on E., and
 14 $\frac{1}{2}$ M on S. faces, and raise a mound of stones, 3 ft.
 base, 2 ft. high, S. of cor. Pits impracticable.

70.00 Leave dense mesquite and tessita.

80.00 Set a granite stone, 30 X 15 X 12 ins., 24 ins. in the
 ground for the 15 th mile cor., marked
 C B A M R on W.,
 P L on E., and
 15 M on S. faces, and raise a mound of stones, 3 ft.
 base, 2 ft. high, S. of cor. Pits impracticable.

Land, rolling.
 Soil, 2nd and 3rd rate, sandy and loamy.
 No timber; undergrowth, dense mesquite and tessita.
 Rolling land, covered with dense undergrowth and ex-
 ceptionally difficult to survey, 80.00 chs.
 Clouds obscure the sun at noon of this day, making it
 impossible to observe for latitude.

3.75 North, along the E. Bdy. of Reservation, var. $13^{\circ} 10' E$.
 Over rolling land, covered with dense undergrowth.
 Original NE. cor. monument, which is a pine post, 6 X
 6 ins., X 4 ft. above ground, marked U S M R. This post,
 being in a good state of preservation, I mark for NE. cor.
 C B A M R NE Cor on SW.,
 P L on NW, NE and SE. faces, and raise a mound of stones
 5 ft. base, 4 ft. high, SW of post; dig pits, 36 X 36
 X 18 ins., S. and W., 8 ft. dist.
 Helens Dome brs. S. $45^{\circ} 13' W$.
 U.S.G.S. Monumnet on top of high mountain brs. N.
 81 $^{\circ} 45'$ W. Thence W. on the N. Bdy. continuing measurement.

11.35 Road brs. N. and S.

21.57 Main wash, 2.00 chs. wide, course NE., ascend gradually.

40.00 Set a limestone, 30 X 24 X 6 ins., 24 ins. in the
 ground, for 15 $\frac{1}{2}$ mile cor., marked
 C B A M R on S.,
 P L on N., and
 15 $\frac{1}{2}$ M on E. faces, and raise a mound of stone, 3 ft.
 base, 2 ft. high, E. of cor. Pits impracticable.

47.00 Dry wash, 80 lks. wide, course NNE.

80.00 Set a limestone, 24 X 10 X 8 ins., 18 ins. in the
 ground, for the 16th mile cor., marked
 C B A M R on S.,
 P L on N., and
 16 M on E. faces, and raise a mound of stone, 3 ft.
 base, 2 ft. high, E. of cor. Pits impracticable.

Land, rolling.
 Soil, sandy and gravelly; 2nd and 3rd rate.
 No timber; undergrowth, scattering mesquite and dense
 undergrowth.
 Rolling land, covered with dense undergrowth, 80.00
 chs.

Survey of Boundary of Camp Bowie Abandoned Military Reservation.

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<p>chains</p> <p>15.50</p> <p>28.20</p> <p>40.00</p> <p>61.50</p> <p>78.00</p> <p>80.00</p>	<p>West, on North Bdy. of Reservation, var. 13° 10' E. Over rolling land, through dense greasewood. Drain, 10 lks. wide, course NE. Dry wash, 1.00 ch. wide, course N. Set a limestone, 30 X 15 X 8 ins., 24 ins. in the ground, for 16½ mile cor., marked C B A M R on S., P L on N., and 16½ M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. No bearings available. Pits impracticable. Dry wash, 40 lks. wide, course N. Drain, 20 lks. wide, course NNE. Set a quartzite stone, 24 X 12 X 10 ins., 18 ins. in the ground, for the 17th mile cor., marked C B A M R on S., P L on N., and 17 M on E. faces, and raise a mound of stone, 3 ft base, 2 ft. high, E. of cor. Pits impracticable. Land, rolling. Soil, gravelly; 2nd and 3rd rate. No timber; undergrowth, dense greasewood and scattering mesquite. Land covered with dense undergrowth, 80.00 chs. October 9, 1908.</p>
<p>9.00</p> <p>12.00</p> <p>39.90</p> <p>40.00</p> <p>59.25</p> <p>80.00</p> <p>3.80</p> <p>11.00</p> <p>11.45</p> <p>20.00</p>	<p>October 10, 1908. At 8h a.m., l.m.t., I set off 6° 37½' S. of the decl. arc, and 32° 11' N. on the lat. arc, and determine a true meridian with the solar at the 17th mile cor. Thence I run, West along the N. Bdy. of Reservation, var. 13° 15' E. Over rolling land, through dense greasewood undergrowth. Draw, 1.00 ch. wide, course N., ascend gradually. Top of rise. Old road brs. N. and S. Set a quartzite stone, 24 X 12 X 12 ins., 18 ins. in the ground, for the 17½ mile cor., marked C B A M R on S., P L on N., and 17½ M on E. faces, and raise a mound of stones, 3 ft base, 2 ft. high, E. of cor. Pits impracticable. Dry wash, 1.00 ch. wide, course NNE. Set a granite stone, 36 X 12 X 10 ins., 27 ins. in the ground, for the 18th mile cor., marked C B A M R on S., P L on N., and 18 M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. Pits impracticable. Land, rolling. Soil, gravelly and sandy; 2nd and 3rd rate. No timber; undergrowth, dense greasewood, scattering mesquite. Rolling land, covered with dense undergrowth, 80.00 chs. ----- West, along N. Bdy. of Reservation, var. 13° 15' E. Over rolling land, ascending gradually. Find remains of original north side center monument, which is a pine post, 6 X 6 ins. As this monument, is almost destroyed at original point. I Set a granite stone, 30 X 15 X 8 ins., 24 ins. in the ground, for N. side center monument, marked C B A M R on S., P L On N; dig pits, 36 X 36 X 18 ins., E. and W. on line, 4 ft. dist., and raise a mound of earth, 5 ft. base, 2.5 ft. high, S. of monument. No bearings available. Dry wash, 20 lks. wide, course NE. Road, brs. NW. and SE. Dry wash, 240 lks. wide, course NNE.</p>

For this mile see pages 100-101
 See attached

For this half see page 102
 See attached

BOOK 2095

chains	
22.00	Dry wash, 30 lks. wide, course N.
37.30	Fence, brs. WNW. and ESE.
40.00	Set a granite stone, 30 X 18 X 10 ins., 24 ins. in the ground, for the 18 ¹ / ₂ mile cor., marked C B A M R on S., P L on N., and 18 ¹ / ₂ M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. Pits impracticable.
80.00	Set a granite stone, 30 X 12 X 12 ins., 24 ins. in the ground, for the 19th mile cor., marked C B A M R C B A M R on S., P L on N., and 19 M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. Pits impracticable. Land, rolling. Soil, sandy and loamy; 2nd and 3rd rate. No timber; undergrowth, dense greasewood and scattering tessita. Rolling land, covered with dense undergrowth, 80.00 chs. At 11h 47m. a.m., l.m.t., I set off 6° 42' S. on the decl. arc and observe the sun on the meridian; the resulting lat. is 32° 11' N.

.30	West, along the N. Bdy. of Reservation, var. 13° 15' E. Overrolling land, ascending gradually.
1.30	Wire fence, brs. N. and S., leave pasture of Jos. Lawhorn
6.00	Road, brs. N. and S.
28.50	Main wash, 2.00 chs. wide, course NNE.
40.00	Dry wash, 40 lks. wide, course NNE.
	Set a granite stone, 24 X 12 X 10 ins., 18 ins. in the ground, for the 19 ¹ / ₂ mile cor., marked C B A M R on S., P L on N., and 19 ¹ / ₂ M on E., and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. No bearings available. Pits imprac.
66.00	Gulch, 30 lks. wide, course NE. Ascend steep slope.
72.00	Top of spur, extends NE., thence along N. slope.
80.00	Set a slate stone, 36 X 12 X 8 ins. in mound of stone, could not set in ground because of rocky nature of same, for the 20th mile cor., marked C B A M R on S., P L on N., and 20 M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. from which A cedar, 12 ins. diam., brs. S. 55° E., 29 lks. dist., marked T 14 S R 28 E S 27 20 M B T. No other bearings available. Land, mountainous. Soil, stony; 2nd and 3rd rate. Timber, scattering cedar and oak; undergrowth, scattering scrub oak and mesquite. Mountainous land, 80.00 chs.

	West, along N. Bdy. of Reservation, var. 15° 15' E. Over mountainous land, descending.
1.20	Gulch, 20 lks. wide, course NE. Begin steep ascent.
5.50	Top of spur, extends N., thence along N. slope of ridge.
40.00	Set a slate stone, 24 X 12 X 10 ins., 18 ins. in the ground, for the 20 ¹ / ₂ mile cor., marked C B A M R on S., P L on N., and 20 ¹ / ₂ M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor. No bearings available. Pits imprac
72.00	Canyon, 50 lks. wide, course NE.
77.50	Same canyon, 50 lks. wide, course SE. Ascend steeply.

chains
80.00

Set a granite stone, 24 X 12 X 12 ins., 18 ins. in the ground, for the 21st mile cor., marked
C B A M R on S.,
P L on N., and
21 M on E. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, E. of cor., from which
A cedar, 24 ins. diam., brs. N. 50° E., 132 lks. dist., marked T 14 S R 28 E S 28 21 M B T.
No other bearings available.
Land, mountainous.
Soil, stony; 2nd and 3rd rate.
Timber, scattering cedar and juniper; undergrowth, scattering cedar and juniper.
Mountainous land, exceptionally difficult to survey,
80.00 chs.

3.41

West, on N. Bdy. of Reservation, Var. 13° 15' E.
Over mountainous land, ascending.
The original NW. cor. of Reservation, which is a pine post, 8 X 8 ins., X 5 ft. above ground, faintly marked U S M R. As this post is in good state of preservation, I reset and remark same for the NW. cor.,
C B A M R on NW Cor., on SE., and
P L on SW., NW., and NE. faces, and raise a mound of stones, 5 ft. base, 4 ft. high, SE. of cor., from which
A cedar, 24 ins. diam., brs. N. 10° E., 150 lks. dist., marked T 14 S R 28 E S 28 NW Cor B T.
A cedar, 24 ins. diam., brs. N. 85° W., 167 lks. dist., marked T 14 S R 28 E S 28 NW Cor B T.
No other bearings available.

7.00
14.00
19.00
30.00
40.00

43.00
47.50
52.00
73.00
80.00

Thence I ran,
S. 0° 4' W., along W. Bdy. of Reservation, continuing measurement from the 21st mile cor.
Var. 13° 15' E.
Over mountainous land, ascending.
Point of ridge, extends NNE., descend.
Main canyon, 1.00 chs. wide, course E., ascend.
Gulch, 30 lks. wide, course E., ascend steep slope.
Top of rocky spur, course E., descend.
Set a granite stone, 24 X 12 X 8 ins., 18 ins. in the ground, for the 21½ mile cor., marked
C B A M R on E.,
P L on W., and
21½ M on N. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.
Begin steep descent.
Gulch, 30 lks. wide, course SE.
Main canyon, 150 lks. wide, course E., ascend steeply.
Top of high spur, extends NE., descend.
Set a granite stone, 24 X 12 X 8 ins., 18 ins. in the ground, for the 22nd mile cor., marked
C B A M R on E.,
P L on W., and
22 M on N. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.
Land, mountainous.
Soil, stony; 2nd and 3rd rate.
Timber, scattering oak, juniper and cedar; undergrowth, scattering oak, juniper and cedar.
Mountainous land, exceptionally difficult to survey,
80.00 chs.

October 10, 1908.

Survey of Boundary of Camp Bowie Abandoned Military Reservation.

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chskins	
	<p>October 11, 1908. At 8h. a.m., l.m.t., I set off $7^{\circ} 00'$ S. on the decl. arc, and $32^{\circ} 10'$ N. on the lat. arc, and determine a true meridian with the solar at the 22nd mile cor. Thence I run, $S. 0^{\circ} 4' W.$, along the W. Bdy. of Reseragation, var. 13° $15' E$, Over mountainous land, descending. Main gulch, course E., ascend steep slope. Top of high peak on divide, extends E. and W, and descend. Set a granite stone, 24 X 15 X 8 ins., 18 ins. in the ground, for the 22$\frac{1}{2}$ mile cor., marked C B A M R on E., P L on W., and 22$\frac{1}{2}$ M on N. faces, and raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor., Pits impracticable. Gulch, 50 lks. wide, course SE., ascend. Set a granite stone, 30 X 18 X 12 ins., 24 ins. in the ground, for the 23rd mile cor., marked C B A M R on E., P L on W., and 23 M on N. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, N. of cor., from which An oak, 12 ins. diam., brs. S. $52^{\circ} W.$, 42 lks. dist., marked T 15 S R 28 E S 4 23 M B T. An oak, 18 ins. diam., brs. S. $53^{\circ} E.$, 192 lks. dist., marked T 15 S R 28 E S 4 23 M B T. No other bearings available. Land, mountainous. Soil, stony; 3rd rate. Timber, scattering oak, cedar and juniper; undergrowth, scattering scrub oak and cactus. Mountainous land, exceptionally difficult to survey, 80.00 chs. At 11h 47m A.M., l.m.t., I set off $7^{\circ} 4\frac{1}{2}'$ S. on the decl. arc, and observe the sun on the meridian; the resulting lat. is $32^{\circ} 9' N.$</p>
	<p>----- $S. 0^{\circ} 4' W.$, along W. Bdy. of Reservation, var. $13^{\circ} 15' E.$ Over mountainous land, descending along ... Wire fence, brs. E. and W. Set a granite stone, 30 X 15 X 10 ins., 24 ins. in the ground, for the 23$\frac{1}{2}$ mile cor., marked C B A M R on E., P L on W., and 23$\frac{1}{2}$ M on N. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.</p>
29.67	Wire fence, brs. E. and W.
40.00	Set a granite stone, 30 X 15 X 10 ins., 24 ins. in the ground, for the 23 $\frac{1}{2}$ mile cor., marked C B A M R on E., P L on W., and 23 $\frac{1}{2}$ M on N. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, N. of cor. Pits impracticable.
60.80	Wire fence, brs. E. and W.
64.00	Road, brs. NE. and SW.
80.00	Set a granite stone, 30 X 15 X 10 ins., 24 ins. in the ground, for the 24th mile cor., marked C B A M R on E., P L on W., and 24 M on N. faces, and raise a mound of stones, 3 ft. base, 2 ft. high, N. of cor. No bearings available. Pits imprac.
85.47	To west side center monument, the initial monument and place of beginning. Land, mountainous Soil, stony; 2nd and 3rd rate. Timber, scattering oak, cedar; undergrowth, scrub oak palmeo, cactus. Mountainous land, 85.47 chs.
	October 11, 1908.

GENERAL DESCRIPTION.

The first six miles of this line is over a rolling plain, well covered with native grass. From the sixth mile corner the line runs along the south slope of the main divide to the southeast corner of the Reservation, and then crosses the divide to the north, passing through good pine and oak timber, descending along the north slope to the 13th mile corner, and thence over rolling plains to the northeast corner of the Reservation. The northern valley is from 500 to 1,000 feet lower than the southern valley. From the northeast corner, the north boundary is over a rolling plain, gradually ascending to the 18th mile corner, which is the foot of the main slope to the east. Thence it ascends to the northwest corner of the Reservation, entering again the altitude of oak and juniper timber. From the northwest corner the line runs over a broken country, crossing the main divide again to the initial monument.

The main divide which crosses the Reservation consists mostly of a limestone formation in contact with granite; the line of contact being, in general, the crest of the divide.

Jesse B. Wright
U. S. Deputy Surveyor.

Line designated	True Bearing	Distance	Latitudes		Departures	
			N.	S.	E.	W.
W. Bdy.	S. 0° 4' W	242.06		242.06		.27
W. Bdy	S. 0° 9' E	240.00		240.00	.63	
S. Bdy.	N. 89° 58' W	480.63	.30		480.63	
E. Bdy.	North	483.12	483.12			
N. Bdy.	West	479.66				479.66
Convergency						.46
			483.42	482.06	481.25	480.39
			482.06		480.39	
	Error in lat.		1.36	Error in dep.	.87	

Jesse B. Wright
U. S. Deputy Surveyor.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

BOOK 2095

A list of the names of the individuals employed by Jesse B Wright

a, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of

The Boundaries of Old Camp Bowie Abandoned Mil Res showing the respective capacities in which they acted:

- Walter L. Morrison, Chairman.
- Walter Percival, Chairman.
- Harvey A. Cate, ~~Chairman~~ Moundman.
- Manuel Vindiola, Moundman.
- Frank Yates, Axman.
- Santiago Vindiola, ~~Axman~~ Flagman.
-, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Jesse B Wright
a, United States Deputy Surveyor, in surveying all

those parts or portions of the Boundary lines of old Camp Bowie Abandoned Military Reservation

..... of the meridian, of Arizona which 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

- Walter L. Morrison, Chairman.
- Walter Percival, Chairman.
- Harvey A. Cate, ~~Chairman~~ Moundman.
- Manuel Vindiola, Moundman.
- Frank Yates, Axman.
-, Axman.
- Santiago Vindiola, Flagman.

Subscribed and sworn to before me this 28 day of October, 1908

W. H. ...
W. H. ...



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Jesse B Wright, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 13th day of June, 1908, I have well, faithfully, 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 boundaries of Old Camp Bowie abandoned Military Reservation

of the _____ meridian, in the _____ of Arizona which 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 survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Jesse B Wright
United States Deputy Surveyor.

Subscribed by said Jesse B Wright, and sworn to before me
this 28 day of October, 1908

W. Stearns



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix Arizona April 14, 1909

The foregoing field notes of the survey of the boundaries of the Camp Bowie abandoned Military Reservation, Arizona

executed by Jesse B Wright U.S. Deputy Surveyor under his contract No. 149, dated June 13, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

Book A.

FEB 13 1909

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BOOK 2095

SUPPLEMENTAL FIELD NOTES

OF THE SURVEY OF THE

Boundaries of Camp Bowie Abandoned Military Reservation
17 mile cor. to 19 mile cor.

Of the Meridian,

Arizona.

AS SURVEYED BY

Jesse B. Wright, United States Deputy Surveyor,

Under his Contract No. 149, dated June 13, 1908, 190

Survey commenced February 8, 1909, 190

Survey completed February 9, 1909, 190

NAMES AND DUTIES OF ASSISTANTS.

Walter Percival - Chairman -

Walter L. Morrison Chairman

Manuel Tindola Flagon

*For authority for red ink corrections see
Deputy letter of Mar. 24, 1909.*

INDEX DIAGRAM.

Township _____, Range _____

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page _____

PRELIMINARY OATHS OF ASSISTANTS.

WE, Walter Percival and Walter L. Morrison

do solemnly swear that we will well and faithfully execute the duties of chainmen; 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 distances 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

Lines described in supplemental field Note Contract No. 149 boundary line of Camp Bowie abandoned Military Reservation

Walter Percival, Chairman.

Walter L. Morrison, Chairman.

Subscribed and sworn to before me this 6th day of February, 1909

[Signature]
W. C. [Signature]



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____ day of _____, 190 _____



WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____ day of _____, 190 _____



I, Manuel Vindiola, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of Lines described in Supplemental Notes of Camp Bowie abandoned Military Reservation

Manuel Vindiola, Flagman.

Subscribed and sworn to before me this 8th day of Feb, 1909

Jose B. Wright
U. S. Deputy Surveyor
None No Notary or other officer available



BOUNDARIES OF CAMP BOWIE ABANDONED MILITARY RESERVATION

1

(19)

Chains

Surveys begun Feb. 8, 1909, and executed with a W. & L. E. Gurley light mountain transit, special make, unnumbered, same instrument as described and used in the original survey and field notes thereof of the Boundaries of Camp Bowie Abandoned Military Reservation. Having recently adjusted all parts of the instrument and tested the solar by a.m. & p.m. observations for mer. with a true meridian determined by polaris observation, and finding all parts of the instrument in satisfactory adjustment, I proceed to the 17 mile cor. on N. Bdy. At this cor. at 9h a.m., l.m.t., I set off 32° 11' N. on the lat. arc and 15° 01' S. on the decl. arc and determine a true mer. with the solar.

From this 17 mile cor. which is a quartzite stone marked and witnessed as described in my original notes, I run,

West, on N. bdy. of Reservation.

Var. 13 1/4° E.

Over rolling land, through dense greasewood.

9.00 Draw, 1 ch. wide, course N. asc. grad.

12.00 Top of rise.

39.50 Old Road, brs. N. & S.

39.70 Orig. 17 1/2 mile cor. which I destroy.

40.00 Set a quartzite stone 24x12x12 ins. 18 ins. in the ground for 17 1/2 mile cor. marked C.B.A.M.R. on S., P.L. on N. and 17 1/2 M. on E. faces and raise a mound of stone 3 ft. base 2 ft. high E. of cor.

No bearings available. Pits impracticable.

59.10 Main wash, 1 ch. wide, course N.N.E.

79.50 Orig. 18 mile cor., which I destroy.

80.00 Set a granite stone 36x12x10 ins. 28 ins. in the ground for 18 mile cor. marked C.B.A.M.R. on S., P.L. on N. and 18 M. on E. faces and raise a mound of stone 3 ft. base 2 ft. high E. of cor.

No bearings available. Pits impracticable.

Land, rolling.

Soil, 2nd & 3rd rate gravelly, sandy.

No timber. Undergrowth, dense greasewood & scat'g mesquite

Land rolling & covered with dense undergrowth, 80.00 chs.

Thence I run, through dense undergrowth of greasewood & mes. West, along N. bdy. Over rolling land asc. grad.

3.75 North side centre mon. which is as described in original notes.

11.00 Dry wash 20 lks. wide, course N.E.

11.45 Road, brs. N.W. & S.E.

20.00 Dry wash 240 lks. wide, course N.N.E.

22.00 " " 30 lks. wide, course N.

37.30 Fence, brs. N.N.W. & S.S.E.

40.00 To orig. 18 1/2 mile cor. as described in my original notes. Which is a granite stone 30x10x10 ins. set 24 ins. in the ground marked C.B.A.M.R. on S., P.L. on N., & 18 1/2 M. on E. faces with mound of stone 3 ft. base 2 ft. high E. of cor.

80.00 To 19 mile cor., as described in my orig. notes, which is a granite stone 30x12x12 ins. set 24 ins. in the ground marked C.B.A.M.R. on S. P.L. on N., & 19 M. on E. faces with mound of stone 3 ft. base 2 ft. high E. of cor.

Land rolling. Soil, 2nd & 3rd rate sandy, gravelly.

No timber. Undergrowth, greasewood, mes. tesseta.

Rolling land covered with dense undergrowth, 80.00 chs.

At this cor. at 11h.46m, a.m., l.m.t., I set off 14° 59'

on the decl. arc and obs. the sun on the mer.

The resulting lat. is 32° 11' N.

Here I discontinue my retracements of the boundaries.

Joseph D. Wright
U.S. Deputy Surveyor.

See orig. notes page 9

See orig. notes page 9

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

A list of the names of the individuals employed by Jesse B. Wright
a, United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of Line

described supplemental field note of Camp Bowie abandoned Military Reservation
showing the respective capacities in which they acted:

Walter Percival, Chairman.

Walter L. Morrison, Chairman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

Manuel Vindicola, Flagman.

FINAL OATH OF ASSISTANTS

We hereby certify that we assisted Jesse B. Wright
a, United States Deputy Surveyor, in surveying all

those parts or portions of the line described in supplemental

field note of Apr. 14 & 15 S. R. 28 & 29 E and
body line of Camp Bowie abandoned Military Reservation
of the Line & Salt

River Base meridian, Tucson of Arizona, which 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

Walter Percival, Chairman.

Walter L. Morrison, Chairman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

Manuel Vindicola, Flagman.

Subscribed and sworn to before me this 11th
day of February, 1909

[Signature]
U.S. Surveyor



124 (21)
BOOK 2095

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Jesse B Wright United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 13th day of June, 1908, I have well, faithfully, 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

Supplemental field notes of Tps 14-15-8 to 28-29 E. and Bdy of Camp Bowie Abandoned Military Reservation

of the 6th 1 Salt River Base meridian, in the Territory of Arizona, which 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 survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Jesse B Wright
United States Deputy Surveyor.

Subscribed by said Jesse B Wright, and sworn to before me
this 16th day of February, 1909

W. H. ...
U.S. ...



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

The foregoing Supplemental field notes of the survey of the boundaries of the Camp Bowie Abandoned Military Reservation, Arizona Phoenix, Arizona April 14, 1909

executed by Jesse B Wright, U.S. Deputy Surveyor under his contract No. 149, dated June 13, 1908, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General.