

BOOK 1482

Book No. 1

Revised
Platteau

See Index
Field Notes

1482

OF THE SURVEY OF

The

Retracing of the
First Standard
Parallel S. through
Range 10 E.

BOOK 1482

1482

Gila and Salt River Base and Meridian

ARIZONA.

By *J. B. McLaughlin* D.S.

Under contract dated *June 18th* 1873.

Survey commenced *Feb. 21st* 1874.

Survey completed *Mar 31st* 1874.

Compared

1482

268

1A

Preliminary Oaths of Assistants.

We John A. Givins James G. W. Mitchell
and Willie W. Walker Sidney Thomas

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 1st

Stand. Par. S. through Rs. 11, 12, 13, 26, 27, 28,
29 and 32 E. The 2nd Stand. Par. S. through Rs. 19, 20,
and 25, 26, 27, 32 E. The 4th guide meridian C.
1st. Range. 29, 30 E. through Tns. 1, 2, 3, 4
and Tns. 12, 13, 14 N. 9, 10, 11, 12 W. Territory of Arizona.

John A. Givins James G. W. Mitchell Chainman.
Willie W. Walker Sidney Thomas Chainman.

Subscribed and sworn to before me, this 3rd

day of March 1884

J. B. McLaughlin
Notary Public.



We Tom Oliphant and Edward Lee

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 1st Stand, Cor. & through Co.

11, 12, 13, 26, 27, 28, 29 & 32 E. 5th Stand

Cor. & through Co. 19, 20, 25, 26 & 28 E.

The 5th Guide Mer. C. lot Range 29 & 30 E.

through Tps. 1253 S. and 12354 N. of the

Q. S. S. R. 7th

Territory of Arizona.

Tom Oliphant
Edward Lee,

Subscribed and sworn to before me this 31st

day of March 1884

J. B. McLaughlin
Notary Public.

I John C. Smith do solemnly swear that I
will well and truly perform the duties of Flagman
according to instructions given me and to the best of my
skill and ability.

John C. Smith

Sworn to and subscribed before me this 21st
day of March 1884

J. B. M. Laughlin
Notary Public

do solemnly swear that
will well and truly perform the duties of
according to instructions given and to the best of
skill and ability.

Sworn to and subscribed before me this
day of 188

1482

10

BOOK 1482

The instrument used in making the survey of the 1st Standard Parallel S through Range 10, 11, 12, 13 and 34 E. the 2nd Standard Parallel S through Range 19, 20, 25, 26 and 34 E. and the 5th Guide Meridian through Tps. 1, 2 and 3 S. and Tps. 1 and 2 and a portion of 3 N. was a Solar Transit made by W. & D. C. Gurley of Troy N.Y. and was thoroughly tested and corrected on the true meridian at Tucson before commencing survey.

Survey commenced Feb. 31 at 1854
 Survey completed Mch 31 at 1854

Index

1st. Stand. Per. S. through Range 109. pages
1 to 15 inclusive

Retraining

First Standard Parallel S. through
Range 10 E.

Chairs

✓ After a diligent search
for the ^{Standard} ~~the~~ cor. to Tps. 5
S. Rs. 9 and 10 E. I fail
to find it. I therefore
proceed to Florence and
find the cor. to Tps. 4 and
5 S. Rs. 9 and 10 E. and
trace the range line S.
to the Standard cor. to
Tps. 5 S. Rs. 9 and 10 E.
which is nearly obliterated
there being no post
but faint indications
of it. I therefore set
a post $4\frac{1}{2}$ ft. long 4
ins. sq. with
marked stone 12 ins
in the ground for
Standard cor. to
Tps. 5 S. Rs. 9 & 10 E.
marked S.E. S. 5-S. on it.

2
Return

Ranch Standard Parallel
Chains

R. 10 E. S. 31 or E. R. 9 E.
S. 36 on N. face
with 6 notches on
N. E. or N. face dug
pits 24 x 18 x 12 ^{crossing into each line} ins. N.
E. or N. of post 6 ft. dist
and raised a mound
of earth 2 1/2 ft. high
4 1/2 ft. base around
post.

Then I run Post on the
S. E. of Sec. 31
Va. 130 30° E.

Over level land through
dense brush

37.00
140.00

Road to N & S
Set a post 3 ft. long
2 ins. sq. with marked
stone 1 1/2 ins. in the
ground for Standard
"4 Sec. cor. marked

S. through Range 10 E.

Plans

S. C. 14 Saw N. face
dug pits 18 x 18 x 12
ins. E. and W. of post.
5 1/2 ft. dist. and raised
a mound of

earth 1 1/2 ft. high
3 1/2 ft. tall ^{around post} ~~around post~~

8000 ^{standing} ^{not for}

Set a post 4 ft. long
4 ins. sq. with
marked stone, a
ins. in the ground
for Standard Cor.
to Sec. 31 and 32
marked S. C. 5 S. R. 10 E.
on N. S. 32 on E. and
S. 31 on W. faces with
1 notch on W. and 5
notches on E. faces. dug
pits 18 x 18 x 12 ins.
N. E. & W. of post 5 1/2
ft. dist. and raised

4

February

First Standard Parallel
Chain

a mound of earth
2 ft. high $4\frac{1}{2}$
ft. base around
post.

Surface level
Soil 1st. rate
Dense greasewood and
mesquite brush
Good grazing
No timber or stone
Altitude 1875 ft.

East on the S. E. of
Sec. 32

Pa. $130^{\circ}00'E$

Over level land, through
dense brush
Set a post 2 ft. long
2 ins. sq. with
marked stone 2 ins.
in the ground

4000

S. through Range 10 E.
Chavis

for Standard $1/4$ Sec. Cor.
marked S. C. "4" below N.
Law. dug pits $18 \times 18 \times 12$
Diss. N. E. & N. 7 feet
 $5\frac{1}{2}$ ft. dist and
raised a mound
of earth $1\frac{1}{2}$ ft. high.
 $3\frac{1}{2}$ ft. base alongside
from which a Palo Verde
Cris. in diam. to
N. 10 E. 12 units dist
marked S. C. "4" S. O. V.

No other trees within limits.

9000 Finding no cor. I established
one as follows.

Set a post 4 ft.
long 4 ins. sq.
with marked stone
 12 ins. in the ground
for Standard Cor. to
Secs. 82 and 83

6
Retracing

BOOK 1482

1 First Standard Parallel
chain

marked S. E. T. 5 S. R. 10 E.
on N. S. 33 on E. and
S. 32 on N. faces. with
2 notches on N. and
4 notches on E. face.
dug pits 18 x 18 x 12 ins.
N. E. 10 N. of post 5 1/2
ft. dist. and raised
a mound of
earth 2 ft. ft. high 4 1/2
ft. base around post
Surface level

Soil 1st. rate

Dense greenwood and cactus
brush

Good grazing

Geo. Timber & stone

Altitude 1900 ft

S. through Range 10 E.
Chains

East on the S. Ry. of
Sec. 33

Var. $13^{\circ}30'0''$

8.15 Road to N. & S.
44.00 Finding no loc. I established
one as follows.
Set a post 2 ft. long
2 in. sq. with marked
stone 12 ins. in the
ground for standard
1 1/2 in. dia. marked S.E. & S.
on N. face dug pits 18x18x12
ins. E. & W. of post 5 1/2 ft.
dia. and raised a mound
of earth 1 1/2 ft. high 3 1/2
ft. diameter post.

44.08 Dug mark 10 lbs. wide Co. N. N.

80.00 Finding no loc. I set
Set a post 4 ft. long
4 in. sq. with marked
stone 12 ins. in the ground
for standard loc. to Sec. 33 & 34

Retracing

1 First Standard Parallel

Chains

marked S.B. T. 55. A. 106 on N. S. of
 on E. and S. 33 on N. face
 with 3 notches on E. & N. faces.
 dug pits 18x18x12 ins N. E. &
 N. of post 5 1/2 ft. diam. and
 raised a mound of
 earth 2 ft. high 4 1/2
 ft. base around post.
 Survey level
 Soil 1st. rate
 Dense grasswood and
 cactus. brush
Altitude 1900 ft.

S. through Range 70 E.

Chains

East on the S. Ry of
Sec - 34Var. $130^{\circ} 30' E$.

33.30

Dug mark 10 lbs. wide

N. - N. W.
 Running no. - sec. 34 mark.

40.00

A cholla 6 ins. in diam.
which I marked S. 4 S.on N. face for Standard
"4 Sec. Cor. elev. 40 ft.
18 x 18 x 2 ins. E. N. W.I put a 5 1/2 ft. dirt
and raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. ~~high~~ around top.

80.00

Running no. sec. 34

set up one as follows

Set a post 4 ft.

long 4 ins. in diam.

with marked stone
12 ins. in the ground
for Standard Sec.

Retracing

First Standard Parallel

Chains

to S. 345 05 marked
 S. 5.5 S. N. 10 E. n n.
 S. 35 on E. and S. 34
 on N. - face. with
 2 notches on E. & 4 notches on N. face
 dug pits 18 x 18 x 12
 ins. N. E. 5 N. of post
 5 1/2 ft. dist and
 raised a mound
 of earth 2 ft. high
 4 1/2 ft. base
 arched post
 From which a Palo Verde
 S. in draw. frs.
 S. 20° E. 12 lbs. dist.
 marked B. S. N. 10 E.
 S. 35

No other trees within limits
 Surface level soil int. rate
 Dense Palo Verde and grasswood bush
 Grass fair Altitude 1950 ft.

S. through Range 10 E.

Quinn

East on the S. Co. of Sec.
35

W. 190 30' E.

40.00

Founding no Cor. & established
one as follows. Set a
post 3 ft. long 3 ins. sq.
with marked stone
12 ins. in the ground
for Standard "4 Sec. Cor.
marked S. Co. "4 S. on
N. face. dug pits 18x18x12
ins. N. E. & W. of post
5 1/2 ft. dist. of and
raised a mound

of earth 1 1/2 ft. high
3 1/2 ft. fast around post.

56.00

Dug wash 20 lbs. wide
Co. S. W.

57.90

Same wash 20 lbs. wide
Co. N. W.

70.50

Same wash 20 lbs. wide Co. S. W.

Retaining

Final Standard Chairs

80.00

Fringing no cor. 1

Set a post 4 ft.
long 4 ins. sq. with-
marked slate 12
ins. in the ground
for Standard hor. to
sur. 35 and 36 marked
S. 6. 5. 5 S. 2. 10 E. on N.
S. 26 on E. and. S. 35
on W. face. with 1 notch
on E. and. 5 notches on
N. face. dug pit 18x18x12
ins. N. E. & W. of post.
5 1/2 ft. dia. and
raised a mound
of earth 2 ft. high
4 1/2 ft. base around
post

Surface level

Soil 1st. rate

Dense Palo Verde cactus and
Greewood brush

Parallel S. through Camp 10 E.
Chains

No grass
Altitude 2050 ft

East on the S. E. of Sec 30
74.13000 E.

39.30 Road to N.W. & S.E.
39.80 Dry wash 12 tho. wide to S.W.
40.00 Piping no. 100
Set a post 3 ft. long
3 ins. sq. with
marked stone 12
ins. in the ground
for "4 Sec 100
marked S.E. "4 S.
on N. face. dug
hole 8x18x12 ins E
and W. of post 5 1/2
ft. deep and
raised a mound
of earth 1 1/2 ft. high
3 1/2 ft. top around post
65.40 Dry wash 20 tho. wide to S.W.

Retham

First Standard Parallel
Chain

68.00 Enter same wash to. N.W.

70.20 Leave wash to. N.E.

70.00 Finding no loc. I establish
one as followsSet a post 4 1/2 ft.
long 4 ins. sq. with
marked stone 12
ins. in the ground
for standard loc.
to Tpo. 5 S. Co.10 and 11 E. marked
S. Co. T. 5 S. on N.R. 11 E. S. 31 or E. R. 10 E.
S. 36 on N. face.with 6 notches on
N. E. & N. face, dug
into 2.4 x 1.8 x 1.2 ins.
crosswise on line
N. E. & N. of post
6 ft. dist. and
said a mound

A. through Camp 1 & E.
Chains

of earth 2 1/2 ft. high
 50 ft. trees abundant forest
 Surface level
 Soil 1st rate
 Dense greenwood
 and Palo Verde brush
 Some grass
 No rock Altitude 2100 ft.

I carefully examined
 the adjustments of
 my Solar Transit
 to-day particularly
 the latitude and
 reversing apparatus
 and found them
 correct March 31st 1884
 For final oaths see Book
 No 4