

"Book I"

(2)

Resurvey Frac? Subs ^{and} South Bdy.

T. 23 N., R. 7 E.,

Lampport - No. 98.

No. 462

BOOK 462

4-671

462

FIELD NOTES
GENERAL LAND OFFICE.

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BOOK 462

No. 462

BOOK 462 1

Field notes

of the recovery of part of
Subdivisions &
South Boundary

of

Sp. 23 N., R. 7 E

of the Gila & Salt River Basins & Mer.
Territory of Arizona.

as surveyed by

James R. Lampart.

M. I. Deputy Surveyor,

Under his Contract No. 98.

Dated June 30-1902.

Survey commenced July 20-1903.

Survey completed July 22-1903

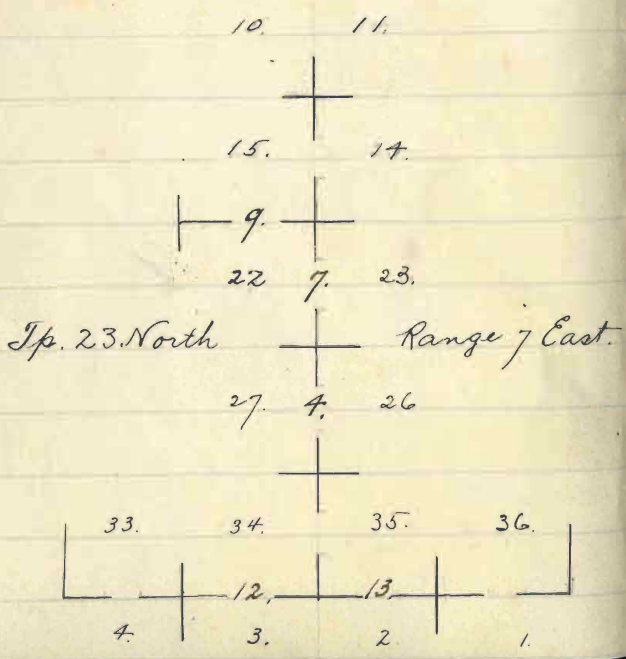
Names & Duties of assistants

Wm. Lockridge.	Chairman.
Fred C. Roberts.	Chairman. Flagman
Frank Ivers.	Chairman.
Archie Mc Dermid	Chairman. Ajman
Wm. Bradley	Ajman & Flagman. Chairman

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See 36 p24



Chs. Recovery Part Subs. T. 23 N, R. 7 E.

Survey commenced July 20, 1903, and executed with a W. & L. E. Gurley Transit No. 15, with Solar attachment. The instrument is provided with two opposite verniers reading to single minutes of arc, which, also, is the least count of the lat. and decl. arcs.

Having on July 11, 1903, previous to beginning subdivisions of Sp. 23 N, R. 7 E., compared the true meridians, as indicated by solar observations, taken during a. m. & p. m. hours, with an observation on Polaris, and having found the results satisfactory, I do not regard another observation on Polaris as necessary, before beginning this survey.

chs. Rumney Part Tuba T. 23 N. R. 7 E

July 20. 1903. At 7 hr. 40 m., a.m.
l. mt. I set off $20^{\circ} 50' N.$ on declination arc, and $35^{\circ} 21' N.$ on lat. arc, and determine a true meridian with the solar, at the old cor. of secs. 26 and 35, previously described.

Thence I run,

$N. 0^{\circ} 1' N.$ on a random line bet.
secs. 26 and 27.

$Pa. 14^{\circ} 30' E.$

39.60 Falls 772 lbs. E. of $1/4$ sec. cor., which is on an aspen tree 4 ins. diam. As the marks are nearly obliterated and the bearing trees cut down by the construction of the Flagstaff pipe line, I re-establish this cor. by setting a granite stone $12 \times 10 \times 4$ ins., 8 ins

Chs. Resurvey Part Subs. T. 23 N., R. 7 E.

in ground for $\frac{1}{4}$ sec. cor., marked
 $\frac{1}{4}$ on W. face, from which,

An aspen 4 in. dia bears $S. 50^{\circ} E.$,
22 lbs dist., marked $\frac{1}{4}$ $S. 26^{\circ} E. T.$

An aspen 8 in. dia. brs. $S. 50^{\circ} W.$,
22 lbs dist., marked $\frac{1}{4}$ $S. 27^{\circ} E. T.$

From this cor. I continue to run,
 $N 0^{\circ} 1' W.$

37.43. Intersect the closing cor. of sec.
22 and 27, previously set by me.

38.50 Intersect the old cor. of sec. 23
and 26, previously described.

Thence I run,

$S. 0^{\circ} 1' E.$ on true line, along W. bdy.
of Sec. 26.

Through pine timber.

1. 07. closing cor. to Secs. 22 and 27.
13. 90 Wagon road, brs. $N E. \& S. W.$

28. 90 Wash, course $N. 45^{\circ} E.$

31. 60 Wash, course $N. 40^{\circ} E.$

chs. Resurvey Part Subs. T. 23 N., R. 7 E.

Begin ascent of N. slope of mountain, through heavy spruce and aspen timber and aspen brush.

38.50. The $\frac{1}{4}$ sec. cor. of secs. 26 and 27.

✓ Run S. $11^{\circ} 00'$ E.

Continue ascent through spruce timber and dense aspen brush.

29.50 Top of spur of mountain, bears N. E. & S. W. Leave aspen brush, begin descent.

40.34. The cor. of Secs. 26 and 35.

Land, mountainous.

Soil, stony; 4th rate.

Timber, spruce and pine.

Mountainous land, 78.84 chs.

From the old cor. of Secs. 23 $\frac{3}{4}$ 26

Run

N. $0^{\circ} 1' W.$ on a random line bet.

Chs. Reuney Park Subs. T. 23 N., R. 7 E.

Decs. 22 and 23.

- 39.12 Fall 550 lbs. N. of $\frac{1}{4}$ sec. cor.,
which is a lava stone 4×2 ft. $\frac{1}{4}$ ft.
above ground, with mound of
stone N. of cor, marked and
witnessed as described by the
Surveyor General.

As I find both bearing trees
in Dec. 22, I mark a new
bearing tree, as follows:

A spruce 16 ins. dia. bears
S. 11° E., 41 lbs. dist., marked $\frac{1}{4}$ S.
23 B.T.

From this cor., I continue to run
N. 0° 1' W.

- 40.27 Fall 165 lbs. E. of cor for secs.
14-15-22 & 23, which is a
granite stone 18×15 ins., 8 ins. in
mound of stone, properly marked

Chs. Survey Part Tube. T. 23 N. R. 7 E.

and witnessed as described by
the Surveyor General.

Hence I run,

T. $2^{\circ} 22' E.$ on true line bet. Secs.

22 and 23.

Va. $14^{\circ} 30' E.$

Ascending through heavy spruce
timber. The N. slope of spur of
mountain.

30.00 Top of spur, 200 ft. higher than
cor. for Secs. 14-15-22 & 23, Secs.
N.E. & S.W.

Begin descent over large boulders.

40.30 The $\frac{1}{4}$ Sec. cor. bet. secs. 22 & 23.

From this cor. I run,

T. $8^{\circ} 00' N.$

Va. $14^{\circ} 30' E.$

Abruptly descending over large
boulders & through heavy spruce

Chs. Recurvey Part Subs. T. 23 N., R. 7 E.

timber.

9.70 Foot of steep descent, thence descend gently, over broken masses of rock.

39.50 The car. for Secs. 23 and 26.

Land, mountainous.

Soil, stony, 4th rate.

Timber, spruce and pine.

Mountainous land, 79.80 chs.

From the car. for Secs. 14-15-22 & 23,

Iron,

N. on random line bet. Secs. 15 & 22.

Va. $14^{\circ} 30' E$

42.50 Fall 1 sk. S. of the 1/4 Sec. car. which is a sandstone, properly marked and witnessed, as described by the Surveyor General.

85.10 Fall 2 sks. South of C.C. to sec.

Chs. Resurvey Part Subs. T. 23 N., R. 7 E.

21 and 22 - which is a granite stone 20 x 4 ins., 6 ins. above the ground, properly marked and witnessed as described by me.

July 21. At this cor. I set off $20^{\circ} 36' N.$ on the decl. arc, and at 04.6 m. p.m. l.m.t., observe the Sun on the meridian; the resulting lat. is $35^{\circ} 23' N.$, which is the true lat. nearly.

Thence I run,

T. $190^{\circ} 59' E.$ on true line bet. Tacs. 15 and 22.

Through scattered spruce timber, and dense aspen brush, along N. slope of San Francisco Peaks.

Slight ascent.

42.60 The $\frac{1}{4}$ Dec. cor.

65.00 Top, bears N. and S. Descend abruptly.

chs. Recovery Part Subs. T. 23 N., R. 7 E.

75.00 Foot of steep descent.

Thence slight ascent

85.10 The cor. of Secs. 14-15-22 & 23.

Land, mountainous.

Soil, stony; 4th rate.

Timber, spruce, pine and aspen -
mountainous land, 85.10 chs.

July 21-1902-

July 22-1903. At 7 h. a.m.

l. m. b. I set off $35^{\circ}20'$ N. on lat. arc,

and $20^{\circ}28'$ N. on decl. arc, and

determine a true meridian with

the solar, at the closing corner of

Secs. 33 and 34. Sp. 23 N. R. 7 E.

which is a granite boulder in

place, 6×3 ft., $1\frac{1}{2}$ ft. above ground,

properly marked and witnessed,

and previously described by me.

chs. Resurvey Part T. ldy. T. 23 N., R. 7 E

Hence from,

East on T. ldy. of Sec. 34,

Along S. slope of San Francisco

Mountain, over stony land,

Through spruce and pine timber

Ascend.

9.00

Intersect the cor. of Secs. 3rd & 4.

which is a granite stone in place,

2 x 2 ft., 1 ft. above ground, properly

marked and witnessed as described

by the Surveyor General.

15.00

Top of spur, 200 ft. above cor. to

Secs. 33 and 34, bears N.W. & S.E.

Descend S. slope of mountain.

47.00

Intersect the 4th Sec. cor., which

is a granite stone 15 x 8 ins., 10

ins. above ground, properly marked

and witnessed as described by

the Surveyor General.

che. Resurvey Part I. ldy. T. 23 N. R. 7 E.

73.00 Leave green timber, and enter ^{dry} timber, bears N. and S.

84.70 Intersect the cor. of Secs. 2 and 3, which is a granite stone 12 x 10 in. 8 in. above ground, properly marked and witnessed as described by the Surveyor General.

This cor. stands on E. slope of San Francisco mountain, about 1500 ft. below top.

Land, mountainous.

Soil, stony; 4¹/₂ rate.

Timber, pine and spruce.

Mountainous land, 84.70 che.

East on I. ldy. Sec. 35.

Over mountainous land, through dry spruce timber.

Descend.

Chs. Ramsey Part I. Ldy T. 23 N. R. 7 E.

- 4.00 The closing cor. to Secs. 34 and 35, which is a granite stone 12x6 ins, 6 ins. above ground, properly marked and witnessed and previously set by me.
- 11.20 Wash, 75 lbs. wide, 40 ft. deep; course S. 50° E.
Ascend.
- 25.00 Top of spur, bears E. & N.
Descend.
- 38.50 The 1/4 Sec. cor., which is a granite stone 15x15 ins, 8 ins above ground, properly marked and witnessed as described by the Surveyor General.
- 61.04 Flagstaff pipe line, bears S. 60° W. and N. 60° E.
- 74.67 Intersect the cor. of Secs. 35th & 36th, which is a granite stone 14x4

Che. Resurvey Part T. bdy T. 23 N, R. 7 E.

ins, 8 ins above ground, properly
marked and witnessed and
previously set by me.

Land, mountainous.

Soil, stony, 4th rate.

Timber, spruce and pine.

Mountainous land, 74.67 che.

July 22-1903.

General Description.

All of the T. bdy. of this town-
ship, except Sec 36, is very rough,
and is nearly all inaccessible,
being in the San Francisco
Mountains.

The timber is pine, spruce &
aspens. There is good bunch-
grass grazing on most of the

16.

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Chs Resurvey Part. T. 23 N. R. 7 E.

township

There is living water on
Secs. 27 and 33.

James A. Sampson
U. S. Deputy Surveyor

I find it necessary to retrace the lines of Tecs. 16-30 & 36, to complete my surveys in Tps. 23 N., R. 7 E. Therefore,

July 23-1903. At 7 h. a. m. l. m. t. set of $20^{\circ}16'00''$ N. on doll arc, $35^{\circ}21'$ N. on lat. arc, and determine a true meridian with the solar, at the cor. of Tecs. 25-30-31 & 36, on range line bet. Rs. 6 & 7 E., which is a sandstone, properly marked & witnessed as described by me in my notes of Subs. of Tps. 23 N., R. 7 E.

Thence Run

North on blank line along West bdy. of Tec. 30.

Through dense aspen brush, and scattered spruce timber, along

Chs. Retracement Dec. 30.-

n. slope of San Francisco mtn.
40.00 Intersect the 1/4 Sec. cor, which
is a sandstone properly marked
and witnessed as described by
the Surveyor General.

60.00 Leave dense aspen brush, and
enter dense spruce timber,
bet. N.E. & S.W.

80.00 Intersect the cor. of Secs. 19-24-
25 & 30, which is a sandstone
properly marked & witnessed as
described by the Surv. Gen.
True course of this line is
North, 80 chs.

Land, mountainous.

Soil, stony, 4" rate.

Timber, spruce & aspen.

Mountainous or heavily timbered
land, 80.00 chs.

chs Sp. 23 N. R. 7 E.

S 89° 53' E. on blank line bet.

Secs. 19 & 30.

Over very broken land, slight ascent
through heavy spruce timber.

23.00 Descend into deep canon

37.00 Wash, 75 ft. deep, 100 lks. wide,
course North,

39.91 Intersect the $\frac{1}{4}$ Sec. cor. which
is a lava stone properly
marked & witnessed as described
by Surv. Genl.

79.66 Intersect the cor. to secs. 19-20-
29 & 30, (800 ft. above $\frac{1}{4}$ Sec. cor.)
which is a granite stone,
properly marked & witnessed
as described by Sur. Genl.

The true course of this line
is South 89° 53' East, 79.66 chs.
Land, Mountainous.

Chs Retracement Sec. 16 -

Tail of rate.

Dense timber, & mountainous
land, 79.66. cks.

July 23-1903.

Retracement of Sec. 16.

July 24-1903. at 7 h. a.m. l.m.t.

✓ Get off $20^{\circ}04'N$. on decl. arc,
 $35^{\circ}23'N$ on lat. arc, & determine
a true meridian with the solar
at the cor. of Secs. 15-16. 21 & 22
which is a granite stone, properly
marked & witnessed as described
by Sur. Gen^l.

Thence run

North on blank line bet Secs.
15 & 16.

Descend N. slope of Jan Fran-

chs Sp. 23 N. R. 7 E.

21.

cisco mts, through heavy
spruce timber.

39.79 Intersect $1/4$ Sec. cor, which
is a lava stone properly
marked & witnessed as described
by the Sur. Genl.

79.56 Intersect the cor. of secs. 9-10-
15 & 16, which is a lava stone
properly marked & witnessed as
described by Sur. Genl.

True course this line is
North, 79.56 chs.

Land, mountainous.

Soil, stony. 4th rate.

Timber, pine & spruce.

Mountainous land & dense
timber, 79.56 chs.

Thence S. 89° 59' W. on blank

chs. Retracement Sec. 16-

line bet. Secs. 9 & 16.

Through heavy pine & spruce
timber, over very broken land.

39.25 The $\frac{1}{4}$ Sec. cor, which is a
lava stone, properly marked &
witnessed as described by the
Surv. Genl.

78.62 Intersect the cor. to Secs. 8-9-16 &
17, which is a granite stone
properly marked & witnessed as
described by the Surv. Genl.

True course of this line is
S. 89° 59' N., 78.62 chs.

Land, broken.

Soil, 4" rate.

Timber, pine & spruce.

Dense timber & mountainous
land, 78.62 chs.

Chs. Sp. 23 N. R. 7 E.

Thence 9 run

South bet. Decs. 16 & 17 on a
blank line.

Ascend through heavy pine
timber.

25.00 Ascend steep north slope of
San Francisco Mts.

39.78 Intersect $\frac{1}{4}$ Dec. cor. bet Decs.
16 & 17, which is a lava
stone, properly marked &
witnessed as described by
Surv. Gen.!

79.61 The cor. to Decs. 16-17-20 & 21.
True course - South, 79.61 chs.
Land, mountainous.

Soil, stony. 4th rate.

Timber, spruce.

Mountainous, or heavily timbered
land, 79.61 chs.

July 24-1903.

chs. Retracmt Sec. 36- Tp. 23 N. R. 7 E.

July. 25. At 7h. a.m. l.m.t.
 I set off $35^{\circ}20'$ N. on the lat.
 arc, $19^{\circ}52'$ N. on the decl. arc,
 and determine a true meri-
 dian with the solar, at the
 cor. of Secs. 1 & 2, Tp. 22 N. R. 7 E.,
 which is a stone, properly
 marked and witnessed as
 described by the Surv. Gen.
 Thence I run

East on N. bdy of Sec. 1, of Tp.
 22 N., R. 7 E.

Over broken ground.

40.00 Fall 13 lks. South of $1/4$ Sec. cor.
 which is a sandstone, properly
 marked & witnessed as described
 by the Surv. Gen.

True course of 1st half mile is $S. 89^{\circ}49' N.$

80.00 Intersect E. bdy. of Tp. 26 lks. S.

chs. Retracemnt Sec. 36 - T. 23 N. R. 7 E.

of cor. of Township, which is
a pine stake, in md. of stone,
properly marked & witnessed
as described by Surv. Genl.
True course last half mile S. 89° 49' W. 90 chs.

Land, mountainous,

Soil, stony, 4' rate.

Timber, pine,

Mountainous or heavily tim-
bered land, 80.00 chs.

North on East bdy. of Sec. 36.

Tp. 23 N. R. 7 E.

Over broken land, through
heavy pine timber.

40.00

Intersect $\frac{1}{4}$ Sec. cor, which
is a lava stone, properly
marked and witnessed as
described by Surv. Genl.

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Chs.

Retracement Sec. 36.

73.23

Intersect the Closing Cor. to
Secs. 25 & 36, which is a granite
stone, properly marked and
witnessed as described by
Surv. Genl.

True course this line - North - 73.23 chs.
Land, mountainous,

Soil, stony, 4' rate.

Timber. pine & spruce.

mountainous or heavily
timbered land, 73.23 chs.

West bet. Secs. 25 & 36.

Ascend through heavy pine
& spruce timber, over rolling
ground.

43.05

Fall. 106 lbs. South of $\frac{1}{4}$ Sec.

cor, which is a lava stone,
properly marked and witnessed
as described by Surv. Genl.

True course 1st half mile S. 88° 36' E, 43.05 chs.

Chs. Sp. 23 N. R. 7 E.

83.05 Intersect N. and I. line 307 chs.

South of the cor. to Sec. 25.

26-35 & 36, which is a granite
stone, properly marked and
witnessed, as described by the
Surv. Genl.

True course last half mile is
I. 87°09' E., 40.00 chs.

Land, mountainous.

Soil, stony. 4" rate.

Timber, pine & spruce.

Mountainous or heavily timbered
land, 83.05 chs.

July 25-1903.

J. V. Lamport.
U. S. Dep. Sur.

No. 462.

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A P P R O V A L.

Office of the

United States Surveyor-General,

Phoenix, Arizona.

2/27/04

Feb. 27 - 1904

The foregoing field notes of the ^{re} survey
of *Truel sub + South Bdy T28N, R7E.*

of the Gila and Salt River Base and Me-
ridian, in the Territory of Arizona,

Executed by *James A. Lamport*

United States Deputy Surveyor, under his
contract No. 98, dated *June 30 1902*,

having been critically examined, and the

necessary corrections and explanations

made, the said field notes, and the sur-

veys they describe, are hereby approved.

Frank A. Deane
U. S. Surveyor-General.