

1604

Re-survey

BOOK 1604

South Boundary

T 19 S., R 29 E

Rockfellow

4-671

1604

FIELD NOTES

GENERAL LAND OFFICE.

1604

Preliminary Oaths of Assistants.

BOOK 1604

We, Martin Walsh
and M. H. O'Connor

do solemnly swear that we will well and faithfully
execute the duties of Chain Carriers; that we will
level the chain upon even and uneven ground, and
plumb the tally pins, either by sticking or dropping
the same; that we will report the true distance to
all notable objects, and the true lengths of all lines
that we assist in measuring, to the best of our skill
and ability, and in accordance with instructions
given us, in the ^{re-}survey of the South

BOOK 1604

Boundary of T₂
195 R. 29 East

of the Gila and Salt River Base and Meridian in
the Territory of Arizona.

Martin Walsh Chainman.

M. H. O'Connor Chainman.

Chainman.

Chainman.

Subscribed and sworn before me, this 19

day of August 1899

John A. Rockefeller
Notary Public.

[SEAL.]

My Comm. expires Apr 10 1903

We, *R. H. Fowler*

1A

BOOK 1604

& *F. W. Hogue*

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

Surveyor & Axeman

in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the ^{re-}survey of the

South Boundary of Twp. 19 S. R. 27 E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

R. H. Fowler
F. W. Hogue

Subscribed and sworn to before me this *19*

day of *August* 189*9*

J. A. Rockswold

Notary Public.

1604

1B

Field Notes
of the resurvey of the
South Boundary
of
Township No 19 South
Range No 29 East
of the
Gila & Salt River Base
and Meridian
in the Territory of
Arizona
as resurveyed by
John A Rockfellow
U. S. Deputy Surveyor
Under special instruc-
tions dated Oct 26, 1899.

Survey commenced Dec 11/99
Survey completed Dec 13/99

2 Resurvey of Body

BOOK 1604

INDEX

31	32	33	34	35	36
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Y 19 O R. 29 E

3

BOOK 1604

4 Resurvey D. Bdy

BOOK

1604

Resurvey commenced
Dec 11 1899 and ex-
ecuted with a Young
& Sons Light Mountain
Transit No. 6835 with
Smiths solar attachment.
The horizontal limb is
provided with two doub-
le verniers placed oppo-
site to each other and
reading to single min-
utes of arc which is
also the least count of
the latitude and declina-
tion arcs.

The instrument was
examined, tested on
the true meridian
at Tucson A. T. June
13, 1899, found correct

and was approved
 by the Surveyor Gen'l.
 Examined and
 tested the instrument
 this morning at 8 AM
 l. t. on the meridian
 established by me
 by Polaris & Solar ob-
 servations on Aug 20, 1899
 at cor to ^{Camp Rucker Creek} Townships Tps
 19 & 20 D. Ranges No 29 &
 30 East, as heretofore
 described and found
 the same to be correct.

From cor to Tps 19 & 20 D.
 Ranges 29 & 30 E. I run
 D. 89° 45' W (as by spl in-
 structions) on Random
 line bet^{wee}n 1 & 36, Var R. 2.2

6

Resurvey of Bdy

BOOK 1604

also

40.00

1/4 sec cor could not be found after diligent search

80.48

Cor of secs 1, 2, 35 & 36, as described by Surveyor Geil brs U. 16 & lks.

From cor secs 35 & 36 on Q. Bdy, I run

Q. $89^{\circ}45'W$ var $12^{\circ}30'$ on random line bet sec 2 & 35.

40.04

1/4 sec cor as described by Surveyor Geil brs Q. 3 & lks.

80.04

No sign of old cor after 2 hours diligent search Continue same course @ $89^{\circ}45'W$ and find no other corners on Q Bdy.

Y. 19 & R. 29 E.

7

BOOK 1604

due
359.04

Intersect W. Bdy 336 lks
South of cor to Yp 19+20
D. Ranges 28+29 E.
which I find as de-
scribed by Surveyor Genl.

Thence I run

⊙ $89^{\circ}43'E$ on true
line on D. bdy sec 31,
Over mountainous land.

4.80

Wash Devil's cañon, 40 lks
wide course D.

39.04

Set cement rock $12 \times 12 \times 7$ ins
is sunk 3 ins to bed rock
for $\frac{1}{4}$ sec cor. marked
 $\frac{1}{4}$ on N. face. Build
mound of stones $2\frac{1}{2}$ ft
base $1\frac{1}{2}$ ft high N. of cor.
A low white oak 6 ins in
diam ⊙ $50^{\circ}E$ 20 lks dist.
marked $\frac{1}{4}$ D. 6 B. Y.

A juniper *bernsindiana*
marked $\frac{1}{4}$ S 31 B. Y. - br
N. 20 15' W 78 lks dist.

Resurvey of Bdy

chs
5-1.00Summit of divide
hrs E. O. E.

BOOK 1604

Descend along N. slope
of divide.

74.00

Enter wash Devil's
cañon course W. N. W.

76.30

Leave wash.

77.80

Reenter Devil's cañon wash
course W. O. W. 40 lks wide

79.04

Cor to sec 5, 6, 31, + 32.

falls in edge of wash

A cement boulder 3x3 ft-

2 ft-high, 12 lks E of

true cor point for wit-

ness cor. which I mark

+ W. C. with 1 notch

on W. + 5 on E. edges

+ raise mid of stones

2½ ft base 2 ft high

N. of cor.

the

A dry juniper 2 ft in diam in wash, brs U.

45° W. 26 lks dist; mark Y. 19 O. R. 29 E. O. 31 B. 1^{me}

A Blackoak 11 ins in diam brs O 45° E, mark Y. 20 O. R. 29 E. O. 5 B. 4^{me}

Soil 2nd & 3^d rate
Land mountainous 79.04^{cls}

Oak 24 in diam marked Y. 19 S. R. 29 E. S. 32 W. C. B. 4^{me}
 11. 3-8-30' E 44 lks dist.
 Oak 8 ins diam marked Y. 20 O. R. 29 E. S. 6 W. C. B. 4^{me}
 O. 3-1' W. 49 lks dist.

From cor^{pt} to secs 5, 6, 31 + 32. I run O. 89-43' E on true line on O. body of sec 32, over mts land. Ascend long wooded ridge, course E + W.

36.00 Abrupt descent into Leoilscañon, run brs O. + U.

10 Resurvey S. Bdy

chs

40.00

BOOK 1604

$\frac{1}{4}$ sec cor falls at base of an almost perpendicular cliff of rocks 25 ft high. mark + at exact cor, + $\frac{1}{4}$ N face raise monument of stone $2\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high. N. A white oak 3 in diam brs N. 22 lks dist. mark $\frac{1}{4}$ @ 32, B. Y.

46.20

Wash of Devil's Cañon 30 lks wide course N. W. Very steep ascent.

63.00

Rim of cañon. Ascent less steep.

70.00

High divide brs N. & @.

80.00

Col to secs 4, 5, 32 & 33 falls in a slide of loose rocks. Set witness cor 8 lks W. of true cor. on

4.19 D. R. 29 E. 11

BOOK 1604

cement
rock in place $4 \times 3 \frac{1}{2} \times 3$
ft high, just under
a pile of rock 20 ft
high. mark + W.C.

4 notches on E + 2 on
W edges. build md
of stones 2 ft base $1 \frac{1}{2}$ ft
high on W.

A white oak 13 in diam
hrs @ 30° E 48 lbs dist
marked 4.20 D. R. 29 E
D. $4 \frac{1}{2}$ B.S.

Soil 2nd + 3rd rate
Mountainous land 80 cho.

From ^{me} ^{kt} cor. sec 45, 32 + 33
I run var $12^\circ - 25^\circ$
D. $89^\circ - 43'$ E on true line
on Bdy sec 33, over

12

Resurvey D. Bdy

the

BOOK

1604

mountainous land.

Descend along slope
into Devil's Cañon

21.30

Wash of Devil's Cañon

20 lks wide course @ W.

Ascend over very rough

ground, a mass of ce-
ment boulders + slabs

10 to 30 ft - in diam

31.00

Ridge of cement boulders
br @ + W.

Descend.

38.50

Small gulch 15 lks wide
course N. W.

Ascend along slope.

40.00

Cement bed rock in
place 2 x 2 ft - 8 in high
for $\frac{1}{4}$ sec cor.mark + at exact cor
point + $\frac{1}{4}$ on N. face.

y. 19 D. R. 29 E. 13

BOOK 1604

Raise monument of stones
3 ft-base 3 ft high N. of cor.
Pits impracticable

45.00 High divide between Devils
cañon + Left fork Brunner
cañon pre U. + D.

3-200 Cement ref pre U. + D.

77.10 Wash left Fork Brunner
cañon, 5-6 k wide
course D.

80.00 Rock in place 13-ft-N. + D.
2 ft-high, on W. (Bed rocks
are all about). for cor
to sec 3, 4, 33 + 34.
mark + at exact cor
point - 3 notches on E
+ 3 on W. edges.

Raise monument of stones
3 ft-base 1 1/2 ft high on
N. Pits impracticable

14

Resurvey C. Bdy

BOOK 1604

A pine 8 in in diam
br @ 50° W. 29 lks dist
mark Y. 20 C. R. 29 E. @ 4 B. Y.

Pine 8 in in diam br
N. 45° W. 13 lks dist marked
Y. 19 C. R. 29 E. @ 33 B. Y.

Oil 2nd + 3rd rate.
Mountainous land 80 Cho.

From cor secs 3, 4, 33 + 34

I run var $12^{\circ} 25'$

@ $89^{\circ} 43'$ E. on true
line on C Bdy sec 34.

Over rough mountains

Ascend over very broken
& brushy ground.

4000 Pot cement rock $18 \times 10 \times 6$
ins 12 ins in ground
for $1/4$ sec cor, mark

Y. 190 R. 29 E.

15

BOOK 1604

cls.

1/4 on U. side.

Build mit of stones 2 ft-
base 1 1/2 ft high N of cor.

Fts impracticable

A white oak 8 in diameter
brs @ 40° W. 22 lks dist-
marked 1/4 @. 3 B.Y.

5-3 00 Very high divide brs U. + @.

Steep descent

68.00 Ravine 10 lks wide
course U.

77.40 Main divide of Chincahua
Mountains, course U. + @.

80.00 Cut Porphyry rock 20 x 6 ft
5 ins 12 ins in ground
for cor to acc 2, 3, 34 + 35-
marked 2 notches on E + 4
on W. edges. Raise mid
of stones 3 ft-base 1 1/2 ft-
high U. of cor.

16 Resurvey O. Bdy.

chs
BOOK 1604

A Juniper tree 13 ins
in diam brs $\odot 40^{\circ} W$
36 lks dist - marked
Y. 20 \odot . R. 29 \odot . \odot . 3 B. Y.
4 Black oak 9 ins in diam
brs $U. 4^{\circ} E$ 45 lks dist marked
Y. 19 \odot . R. 29 \odot . \odot . 33 - B. Y.
Soil 2nd & 3rd rate
Mountainous land 80 chs.

Thence I run
 $\odot 89^{\circ} 43' E$ on true line
on O. Bdy sec 3 5th 1230
over mountains.

Descend

37.76 Road from Old Camp
Rucker to San Simon
brs $U + \odot$.

4000 $\frac{1}{4}$ sec. cor as described
by Surveyor General.

chs

Thence, I run
U. ^{58° 58'} 89-73' E

Ascend point
And along @ slope of
main divide.

40.04

Consecs. 1, 2, 35 + 36
As described by Survey-
or General.

Soil 2nd & 3rd rate
Land mountainous 80.04
chs

Thence I run,

@ 89° 03' E on true
line @ Bdy sec ^{ran 12-30'} 36

Along slope of main divide

27.00

Main divide true P.O.E +
U. U. W.

Descend along U. slope

feet from the divide
recrossing it on
the S. boundary of
Sec 36.

- The country is
generally well timbered
with pine juniper
and live oak and in
some places is cov-
ered with dense
brush principally
scrub oak and man-
zanita. Little if
any of the land along
this S. boundary is
agricultural

Tombstone Ariz.

Dec. 23 1899

John A. Rockfellow
U.S. Dep. Surveyor

List of Names.

A List of the Names of the Individuals
 employed by *John A. Rockfellow*
 U. S. Deputy Surveyor, to assist in running, meas-
 uring and marking the lines and corners described
 in the foregoing Field Notes of the survey of the
South Boundary
Tp 19 South
Range 29 East

of the Gila and Salt River Base and Meridian, in
 the Territory of Arizona, showing the respective
 capacities in which they acted.

M. H. O'Connor Chainman.

Martin Wash Chainman.

Chainman.

Chainman.

Axeman.

R. A. Fowler Axeman.

F. W. Byrne Flagman.

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Final Oath of Assistants.

We hereby certify that we assisted *John A. Rockfellow* U. S. Deputy Surveyor, in re-surveying all those parts or portions of the

South Boundary of Tp. 19 S. R 29 E.

of the Gila and Salt River 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 established according to the instructions furnished by the United States Surveyor General for Arizona.

Martin Walsh Chainman.

M. H. O'Connor Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

A. W. Foyles
A. W. Foyles Flagman.

Sworn to and subscribed before me, this *10*

day of *August*, 189*9*

John A. Rockfellow
Notary Public.

[SEAL.]

My Commission expires

Final Oath of U. S. Deputy Surveyor.

I, John A. Ruffell
 U. S. Deputy Surveyor, do solemnly swear that in
 pursuance of ~~a contract~~ ^{instructions} received from ~~Edward~~ ^{George} ~~Johnson~~ ^{Christ},
 United States Surveyor-General for Ari-
 zona, bearing date of the 26th day of
October 1897, I have well, faith-
 fully, 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 South Base
Survey of Tp 19 South
Range 29 East

of the Gila and Salt River Base and Meridian, in
 the Territory of Arizona, as 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 surveys
 have been established and perpetuated in strict
 accordance with the Manual of printed instructions,
 the special instructions of the United States Sur-
 veyor-General for Arizona, and in the 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.

John A. Beckwith
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 23^d day of December, 1899.

A. H. Emmanuel,
Clerk.

BOOK 1604