

SOUTH BOUNDARY

T. 28 N. R. 1 E.

1380

GIRARD.

BOOK 1380

4-671

FIELD NOTES
GENERAL LAND OFFICE.

No. 1380



M

BOOK 1380
No. 1380

Field Notes

Of the survey of the
South Boundary of
Township No 28 North
Range No. One East
of the Gila and Salt
River Base and Meridian
in the Territory of
Arizona, as surveyed by
James S. Girard
Under his contract No.
74, Dated June 13th
1900

Survey commenced Oct 25th 1900

Survey completed Oct 26th 1900

Names and duties of Assistants

John A Randall Chairman
 W^m N Lockridge Chairman
 Amos Adams Moundman
 E. D. Stafford Moundman
 Chas Wolf Axman
 Russell Stone Axman
 P. W. Lattimer Flagman.

— Index —

BOOK 1380

T. 28 N. R. 1 E.

Gib & Salt River Meridian.

31	32	33	34	35	36
3-4-5	5-6-7	7-8	8-9	9-10	10-11
6	5	4	3	2	1

South Boundary Tp. 28 N. R. 1 E. 3

BOOK 1380

Oct 25th 1900 at 8^h a.m.
I mt I set off $12^{\circ}04'30''$ on
my dial arc, and $54^{\circ}17'$ for
my colatitude and determine
a true meridian with the
Solar at the cor of Tps.
27 + 28 N. R. 1 + 2 E. which
is a limestone $22 \times 12 \times 3$ ins 12 ins
in the ground, marked with 6 notches
on each edge, with pits 24×24
 $\times 12$ ins on line N. E. + W 4 ft
and South of Stone 8 ft dist, and
mound of earth 5 ft base $2\frac{1}{2}$ ft
high S. of corner. Thence I
run West on a random
line, along the South boundary
of Tp. 28 N. R. 1 E. setting temp
 $\frac{1}{4}$ sec and sec corners at intervals
of 40. chains; and at 479.01 chs
Intersect the Gila and Salt River

South Boundary Sp. 28 N. R. 1 E.
Chains.

Meridian 2.03 chains N
of the cor of Sp. 27 + 28 N
R. 1 E. + W. which is a
limestone marked and witnessed
as described by the Surveyor General

The falling answers to a cor-
rection of 0.15' or 34 links (nearly)
S. per mile counting from S. E.
Cor of the Township, therefore true

N $89^{\circ}45'E$ bet sec 6 + 31
through dense undergrowth

39.01 Set a limestone $18 \times 7 \times 3$ ins
12 ins in ground for $\frac{1}{4}$ sec cor
marked $\frac{1}{4}$ on N. face, dug pit
 $18 \times 18 \times 12$ ins E. + W. of cor 3 ft deep
and raised a mound of earth
 $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft high N. of Cor.

48.00 Enter cedar timber.

79.01 Set a limestone $20 \times 12 \times 5$ ins partly
in ground and supported by mound
of stone for cor of sec 5, 6, 31 + 32

South Boundary of Tp 28 N. R. 1 E.

Chains.

marked with 5 notches on East
and one on W edges, raised a
mound of rock 2 ft base $1\frac{1}{2}$ ft
high N. of corner.

A Cedar tree 12 ins in dia brs N $47^{\circ}30'E$
284 links marked T. 28 N. R. 1 E. S. 32 B. T.

A Cedar 10 ins in dia. brs N $60^{\circ}36'W$.
93 links marked T. 28 N. R. 1 E. S. 31 B. T.

A cedar 6 ins in dia brs S $66^{\circ}57'W$
200 links marked T. 27 N. R. 1 E. S. 6 B. T.

Land rolling

Soil rocky + gravelly 3rd + 4th rate.

Timber Cedar.

Heavily timbered land 31 chains

Dense undergrowth of cedar, chips and
suck brush 79.01 chains.

24.00 N $89^{\circ}45'E$ between sec 5 + 32
through dense undergrowth
clear timber brs N. + S.

39.00 Enter timber, brs N. + S.

Smith Boundary of Sp. 28 N. R. 1 E.

Chains.

40.00 Set a limestone $20 \times 10 \times 3$ ins
partly in ground and supported
by mound of stone for $\frac{1}{4}$ sec cor.
marked $\frac{1}{4}$ on N. face, raised a
mound of stone 2 ft base $1\frac{1}{2}$ ft
high N. of cor. pits impracticable

A Cedar tree 12 ins in dia. br S.

12° E. 137 links. marked $\frac{1}{4}$ S. 5 B.T.

✓ dist. A cedar tree 10 ins in dia br N 95° SE
marked $\frac{1}{4}$ S. 37 B.T.

42.00 Clear timber, br N. & S.

80.00 Set a limestone $18 \times 8 \times 8$ ins 12 ins
in ground for cor of sec 4.5

32 + 33 marked with 4 notches
on E and 2 on West edges.

Dug pits $18 \times 18 \times 12$ ins in each
sec $5\frac{1}{2}$ ft dist and raised a
mound of earth 4 ft base
2 ft high N. of corner.

Land rolling & level

South Boundary of Sp. 25 N. R. 1. E

Chains.

Soil gravelly & rocky 3rd & 4th rates,
Timber cedar.

Heavily timbered land 3 chains,
Dense undergrowth of cedars and
suck brush 80.00 chains,

N. 89° 45' E between Secs 4 & 33
through dense undergrowth

40.00 Set a limestone 18 x 7 x 4 ins 12
ins in the ground for $\frac{1}{4}$ sec cor.

marked $\frac{1}{4}$ on N. face, dug pits
18 x 18 x 12 ins E. & W. of cor 3 ft
dist and raised a mound of earth
3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high N. of cor.

80.00 Set a limestone 20 x 10 x 4 ins 12
ins in the ground for cor of secs
3.4, 33 & 34, marked with 3 notches
on E. & W. faces. Dug pits 18 x
18 x 12 ins in each sec 5 $\frac{1}{2}$ ft
dist and raised a mound of earth
4 ft base 2 ft high N. of corner

Surt Boundary of Sp. 28 N. R. 1 E.

Chains,

Land level

Soil gravelly 2nd + 3rd rate,

No Timber.

Dense undergrowth of chico
bush 80.00 chains.N 89° 45' E between sec. 33 & 34
through dense undergrowth.

40.00

Set a limestone 18 x 16 x 3 ins 12

ins in the ground for $\frac{1}{4}$ sec. cor.marked $\frac{1}{4}$ on N face. Dug pits

18 x 18 x 12 ins E. + W. of cor 3 ft

dist and raised a mound of

earth 3 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft high

N. of corner.

70.175

Cross Santa Fe and Grand

Cañon R.R. Course N 5° 53' E.

80.00

Set a limestone 16 x 8 x 8 ins 10

ins in the ground for cor of sec.

2.3-34 + 35, marked with 2 notches

on E and 4 on N edges.

South Boundary of Tp. 28 N. R. 1 E.

Chains.

Dug pits 18 X 18 X 12 ins in each
sec 5 1/2 ft dist and raised a
mound of earth 4 ft base 2 ft
high N. of corner.

Land rolling.

Soil gravelly 3rd rate.

No Timber.

Dense undergrowth of chies
bush 80.00 chains.

N 89° 45' E between Secs 2 & 35
through dense undergrowth.

40.00

Set a limestone 18 X 4 X 4 ins

12 ins in the ground for 1/4 sec

corner marked 1/4 on N. face.

Dug pits 18 X 18 X 12 ins E. & W. of

cor 3 ft dist and raised a

mound of earth 3 1/2 ft base 1 1/2 ft

high N. of corner.

48.80

Cross road course North.

66.50

Cross road, course N. 20° E.

South Boundary of T₂₈ N. R. 1 E.

80.00 Set a limestone 24x12x3
 ins. supported by mound of
 stone for cor of sec. 1.235-
 +36. marked with 1 notch on
 E and 5 notches on W edges.
 raised a mound of stone 2 ft
 base 1 1/2 ft high N. of cor.
 Pits impracticable.
 Land rolling.
 Soil gravelly & rocky 3rd & 4th rate.
 No Timber.
 Dense undergrowth of Chris
 bush 80.00 Chain.

N 89° 45' E between Secs 1+36
 through dense undergrowth
 40.00 Set a limestone 18x12x6 ins
 partly in ground and supported
 by mound of stone for 1/4 sec
 corner. marked 1/4 on N. face
 Raised a mound of stone 2 ft

South Boundary of Sp. 28 N, R. 1 E.

Chains.

low 1 1/2 ft high No. of as. pits
impracticable

76.50 Cross road, course N. 25° W.

80.00 The cor of Tps 27 + 28 N.
Rs 1 + 2 E.

Land rolling.

Soil gravelly & rocky, 3rd + 4th rate,
No timber.

Dense undergrowth of chips brush
80.00 chains.

Oct 26th 1900

Boundaries of Twp.

Latitudes departures

Line designated	True bearing
7 th Standard Parallel N.	East,
E. bdy of Township	South
S " " "	S 89° 45' W
Gila & Salt River Meridian	North
Convergency	

General description of Twp 28. N. R. 1. E.

This township is rough & hilly in the Northeastern part, and rolling in the central & western part. Cedar & Pinon timber in Eastern & Northeastern part.

Santa Fe and Grand Canyon R.R. run almost due North through Eastern portion of Twp.

Road for most part is rocky

8 N. B. 1 E.

BOOK 1380

13

and closing errors.

Distance	Latitudes		Departures	
	N	S	E	W
477.92			477.92	
480.00		480.00		
479.01		2.10		
		2.03		479.01
480.00	480.00			
			.527	
480.00		482.03	478.44	479.01
		480.00	478.447	478.447
Error in Lat.		2.10		.563
		2.03	Error in Dep.	.563

and Lilly, and unfit for agricultural purposes. There are a number of copper prospects in Eastern portion but no mines have been developed the ore is a carbonate. No water little grass and no settlers.

J. B. Girard
U.S. Deputy Surveyor.

List of Names.

BOOK 13804

No. 1380

A List of the Names of the Individuals
 employed by James Bell Girard,
 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
N. & S. boundaries of Township
28 North Range 1, 2, 3 & 4 West and
the South boundary of Tp. 28 N. R. 1 E.,
and the West boundary of T. 28 N. R. 1 E.,
27 N. R. 1, 2, 3 & 4 W. (as contained in
books A. D. G. J. & M.)
 of the Gila and Salt River Base and Meridian, in
 the Territory of Arizona, showing the respective
 capacities in which they acted.

<u>John A. Raudall</u>	Chainman.
<u>W^m N. Laddidge</u>	Chainman.
<u>Amos Adams</u>	Chainman. Meridian
<u>E. D. Sheppard</u>	Chainman. Meridian
<u>Chas. H. Wolf</u>	Axeman.
<u>Russell Stone</u>	Axeman.
<u>P. W. Lattimer</u>	Flagman.

15
BOOK 1380

Final Oath of Assistants.

We hereby certify that we assisted James B. Giraud U. S. Deputy Surveyor, in surveying all those parts or portions of the N. & S. boundaries of Tp. 28 N. R. 1, 2, 3, & 4 West, and the S. bdy of Tp. 28 N. R. 1 E, and the West bdy of part Tp. 27 N. R. 1, 2, 3, & 4 W (as contained in books A, D, G, J & M)

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.

John A. Randall Chainman.
John H. Lockridge Chainman.
Amos Adams ~~Messenger~~ Chainman.
E. D. Stafford ~~Messenger~~ Chainman.
Chas. H. Wolf Axeman.
Russell Stone Axeman.
G. W. Patimer Flagman. #

Sworn to and subscribed before me, this 26
day of November, 1891 900

W. H. Layton
Clerk of Probate Court, Notary Public.

[SEAL.]

Final Oath of U. S. Deputy Surveyor.

16
BOOK 1380

I, James Bell Girard

U. S. Deputy Surveyor, do solemnly swear that in
pursuance of a contract received from George Christ
~~John~~ Johnson, United States Surveyor-General for Ari-
zona, bearing date of the thirtieth day of

June 1890, 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 S. & W. boundaries of Tp

28 N. Rs. 1, 2, 3 & 4 W. and the S. bdy
of Tp 28 N, R. 1 E, and the west
boundaries of said Tp 27 N. Rs. 1, 2, 3 & 4 W

as contains in books A, D, E, J, & M,

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

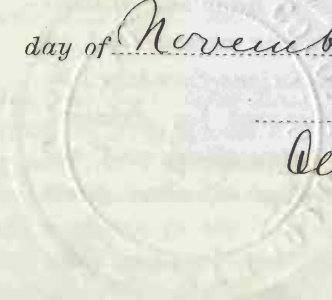
15
BOOK 1380

17
B.
suri
the
Aug
Ma
Ad
of t
the
fore
and
bee
and
cor
ins
Gen

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.

James P. Hill Girard
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 26th
day of November 1900
189



W. G. Layton
Clerk of Probate Court

BOOK 1380

day

A P P R O V A L.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL

Tucson, Arizona.

Dec 18, 1900.

The foregoing field notes of the survey of The South Boundary of T 28 N. R. 12 E. S. 20 executed by James B. Girard under his contract No. 72, dated June 13, 1900, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

U. S. Surveyor General for Arizona