

No-340

BOOK 340

John H. Harris Deputy Surveyor.
T. 20 North R. 4 East
Gila Salt River Meridian.

FIELD NOTES

OF

340

The Subdivision Lines of
Township 20 North Range 4 East
Gila Salt River Meridian.

BY

John H. Harris Deputy Surveyor.
under his Contract of July 29 1878
Survey commenced October 16, 1878.
Survey completed October 19, 1878.

No 340

Platted,
Copied for Washington, J.R.F.
Transcript sent to Commissioner, 6.

Preliminary Oaths of Assistants.

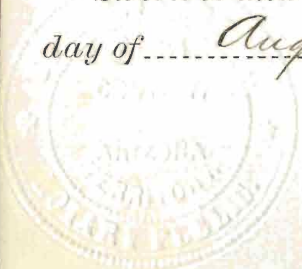
We, Richard Shropeand N. Van Alstine

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

Richard Shrope
N. Van Alstine

Sworn to and subscribed before me, this 10th
day of August, 1878.

John R. Farrell
Notary Public.



We, Wm. Amos Kolb, Hagman, & W. Swastegui
Frank Carpenter, Amos, & D. B. Dodson, Pitman,
do solemnly swear that we will well and truly per-
form the duties of Hagman, Amos and
Pitman, respectively
according to instructions given us, and to the best
of our skill and ability.

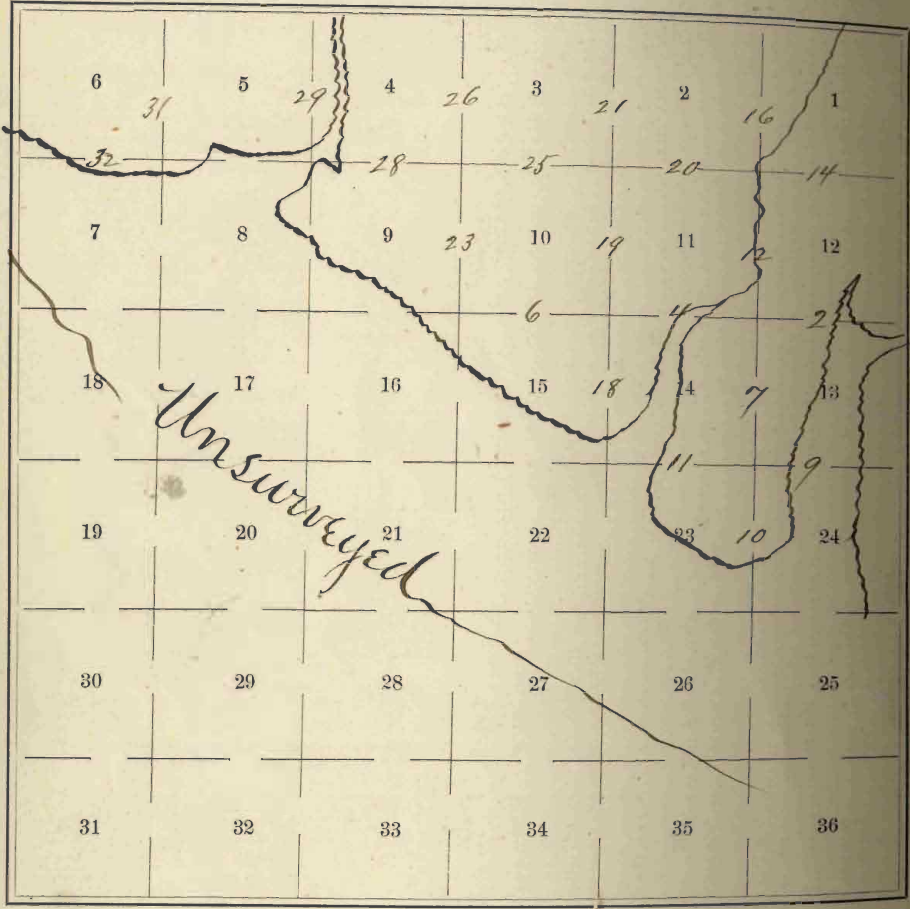
Wm. Amos ^{his} Kolb
Frank Carpenter
D. B. Dodson

Sworn to and subscribed before me this 17
day of August, 1878

John R. Farrell
Notary Public



Township *20 North* Range *14 East*
10 *Gila & Salt River* Meridian.



BOOK 340

Township 20 N. R. 4 E.

Line 4 Salt River Meridian

Ans. The entire S. and S.W. portions of this township are unsurveyable. Diagonally across the township, from section 6 to section 25, and thence to the S. and S.W. the ground is cut up by immense cañons with perpendicular rocky sides hundreds of feet deep, and the extension of lines over those portions is impracticable.

But there is a fine body of timber and some excellent agricultural land in the northern and N.E. portions, and I proceed to extend subdivision lines thereon from the E. and N. boundaries.

The instructions to run a random line across the township from

Township 20 N. R. 24 E.

Gila & Salt River Meridian

As east to West, in the absence of a S. boundary cannot be completed with as I have no objective point to close on.

Beginning on the E. boundary, at the corner to Secs. 12 & 13.

Run thence

West on true line between secs. 12 & 13.

var. $15^{\circ}41' E.$

As per E. boundary.

30.00 Deep rocky ravine, brs. S. and S.W. and descend into it.

36.00 Leave same, brs. S. & S.W.

37.86 Spring of water, and water troughs bear S. 16.83 chs. dist.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft. long, flattened 3 in. wide. 1 ft. in the ground, and build mound of stones 2 ft. high, as per instructions, for $\frac{1}{4}$ sec. cor.

Township 20 N. R. 4 E.

Gila & Salt River Meridian

As from which

A Pine, 20 in. dia. br. N. 65° E. 136 lvs. dist.

do. 19 " " " S. 40° W. 224 " "

66.63 A Pine 23 in. dia.

80.00 Set a post, marked and notched,
4 ft. long, 3 in. sq. d. 1 ft. in the ground
and build mound of stones 2 ft.
high, as per instructions for cor.
to secs. 11, 12, 13 and 14.

from which

A Pine, 29 in. dia. br. S. 21° E. 103 lvs. dist.

do. 26 " " " S. 38° W. 256 " "

do. 27 " " " N. 62° W. 107 " "

do. 28 " " " N. 81° E. 102 " "

Land broken, rough.

Soil poor.

Grass. Some heavy Pine
timber.

Township 20 N. R. 4 E.
 Gila & Salt River Meridian

Co. West on true line between sec. 11 & 14.
 var $15^{\circ}41' E.$

11.50 Intersect an impassable cañon trs.
 S.W. The head of this cañon is a short
 distance to the N. of the line and I
 send the flag around and place it
 on line on the W. bank of the cañon.
 I now measure off a base S. 300
 lbs. to a point whence the flag on line
 trs. N. $84^{\circ}12' W.$, making the distance
 across cañon on line to flag 29.50
 chs., or the whole distance on line
 from cor. to flag 41.00 chs.

I now go to the flag and measure
 E. 100 lbs. where there is a secure
 place on edge of the cañon, and at
 40.00 Set a post, marked $\frac{1}{4} S. 4 ft$ long,
 flattened 3 in wide, 1 ft. in the ground,
 and build mound of 5 stones 2 ft
 high, as per instructions for

Township 20 N. R. 24 E.
Gila & Salt River Meridian

Continued -
As. 1/4 sec. cor. from which
Abine, 27 in. dia. br. N. 36° W. 75 lvs. dist.
do. 28 " " " N. 42° E. 59 " "

80.00 Thence I continue N. and at
Set a post, marked and notched,
4 ft long, 3 in. sq. d. 1 ft in the ground,
and build mound of stones 2
ft high, as per instructions for
cor. to Secs. 10, 11, 14 and 15.
from which

Abine, 14 in. dia. br. S. 73° W. 99 lvs. dist.
do. 12 " " " N. 62° W. 66 " "
do. 24 " " " N. 60° E. 116 " "
do. 18 " " " S. 39° E. 37 " "

Land rough broken and stony.
Grass.

Some heavy Pine timber.

Township 20 N. Range 4 E.
 Gila & Salt River Meridian

Chs. West on the line between secs. 10 & 15
 var. $15^{\circ}41' E.$

40.00 Set a post, marked 14 S. 4 ft long,
 flattened 3 in. wide, 1 ft. in the ground,
 and build mound of stone 2 ft.
 high, as per instructions for 1/4 sec.
 cor. from which

A Pine, 23 in. dia. to N. $68^{\circ} W.$ 93 lvs. dist
 do. 25 " " " N. $6^{\circ} E.$ 131 " "

80.00 Set a post, marked and notched, 4 ft.
 long, 3 in. sq. d., 1 ft. in the ground, and
 build mound of stone 2 ft. high, as per
 instructions for cor. to secs. 9, 10, 15 & 16,
 from which

A Pine, 26 in. dia. to N. $24^{\circ} E.$ 271 lvs. dist
 do. 29 " " " N. $31^{\circ} W.$ 210 " "
 None near in secs. 15 & 16.

Land level. Some good soil. Grass.
 Scattering timber.

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Ths. In less than a half mile W. from the cor. to secs. 9, 10, 15 and 16, the line between secs. 9 and 16, intersects impassable cañons and the extension of this line farther W. becomes impracticable.

Now go to the cor. to secs. 11, 12, 13 and 14, and run thence

South on true line between secs. 13 & 14.
 var. $15^{\circ} 41'$ E.

5.60 A Fence bro. E. & W., running from a cañon on the W. to a cañon on the E.

Thence ascending -

30.00 Descending.

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in. wide, 1 ft. in the ground, and build mound of stones 2 ft. high, as per instructions for 14 sec. cor.

Township 20 N. R. 24 E.

Gila & Salt River Meridian

Chs. Continued -
From which

An Oak, 4 in. dia. br. N. 2° E. 191 lbs. dist

A Pine, 12 " " " S. 22° E. 188 " "

80.00 Set apart, marked and notched, 4
ft long, 3 in. sq. d. 1 ft. in the ground,
and build mound of stones 2 ft.
high, as per instructions for cor. to sec.

13, 14, 23 and 24, from which

A Pine, 28 in. dia. br. S. 16° W. 90 lbs. dist

An Oak, 10 " " " N. 42° W. 51 " "

A Pine, 36 " " " N. 87° E. 89 " "

An Oak, 24 " " " S. 43° E. 102 " "

Land uncovered.

Some good soil. Grass.
Scattering Pine, Juniper & Oak timber.

From the cor. to secs. 13, 14, 23 and
24. Run lines as follows: -

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Chs. East on random line between sees. 13 & 24.
var. $15^{\circ}41' E.$

27.00 Descend into deep cañon, filled with
boulders, brs. S. & W. of S.

60.00 Leave same, brs. S. and ascend.

80.40 Intersect E. boundary of township,
37 brs. S. of cor. to sees. 13 and 24.
from which cor. Drive
 $S. 89^{\circ}44' W.$

On true line between sees. 13 & 24.
var. $15^{\circ}41' E.$

40.20 The 1/4 sec. cor. falls in the bottom of al-
most inaccessible cañon and ex-
posed to destructive washes that
pour down the cañon from storms.
I therefore place a witness corner,
on the first accessible high ground,
12.80 chs. W. of true cor. standing on
the edge of W. bank of the cañon.
Set apart, marked 1/4 S. 4 ft. long.

Township 20 N. R. 4 E.

Gila Salt River Meridian

Continued
 Chs. flattened 3 in. wide, 1 ft. in the ground,
 and build mound of stones 2 ft. high
 as per instructions for 1/4 sec. cor.
 from which

A Pine, 28 in. dia. brs. N. 20° W. 25 lvs. dist.

do. 30 " " " S. 30° W. 90 " "

80.40 Cor. to Secs. 13, 14, 23 & 24.

Land very broken, and rough E.
 Level W.

Scattering Pine, Oak & Juniper timber.

Orth. on true line between sec. 23 & 24.
 var. 15° 41' East.

Descending gradually
 40.00 Set apart, marked 1/4 S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the
 ground, and build mound of
 stones 2 ft. high, as per instructions
 for 1/4 sec. cor.
 from which

Township 20 N. R. 24 E.

Gila Salt River Meridian

Continued

Chs. A Juniper, 74 in. dia. br. S. 83° W. 46 in. dist.
do. 30 " " " S. 55° E. 116 " "

I attempt to continue S. and at 42.50

Chs. intersect edge of impassable
canyons coming in from the N.E. W.
and the N.W. and making to the S.

I can run no farther S.

Land descending S. Some good soil.

Grass. Scattering Juniper, Oak
and Pine timber.

Continue line between secs. 14 & 23.
var. 15° 41' E.

12.05 A Pine 26 in. dia.

29.50 Descend.

40.00 Set a post, marked 74 S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground,
and build mound of stones 2 ft.
high, as per instructions for 74
sec. cor. from which

Township 20 N, R. 4 E.

Gila & Salt River Meridian

Continued -

Pro A Pine, 27 in. dia. brs. S. 10° E. 121 brs. dist.

do. 25 " " " S. 75° W. 106 " "

At 2.00 chs. further W. on this line
I intersect the edge of impassable
cañons from the N. NE. N.W. & W.
I can go no further W. on this line.

Land descending W. Some good
soil. Fine grass. Some heavy
Pine N & S. Scattering Juniper & oak.

From the cor. to secs. 11, 12, 13 & 14. Iron

North between secs. 11 & 12.

var. 15° 41' E.

3.50 Descend into deep wash from N. & N.E. ends S.W.

9.75 Leave same bro S.W. from N.E.

36.00 Same wash again bro S.E. from N.W.

39.78 Leave same, bro S.E. from N.W.

Township 20 N. R. 4 E.
 Gila Salt River Meridian

Continued -
 No.

- 40.00 Set a post, marked 4 S. 4 ft long, flattened
 3 in wide, 1 ft in the ground, drive chanced
 stake and build mound of flints 2 ft
 high with pits 1 ft deep, 2 ft long, 1 ft wide,
 as per instructions for 1/4 sec. cor. from which
 a Pine, 10 in. dia. brs. East, 88 lbs. dist. E.
 do. 39 " " " North, 115 " " "
- 46.00 Same wash as before brs S.W. from N.E.
- 50.00 Leave same, brs S.W. from N.E.
- 60.00 Enter same wash again brs S.E. from N.W.
- 62.00 A Pine, in wash, 29 in. dia.
- 63.00 Leave wash brs S.E. from N.W.
- 71.50 Enter same wash again brs S.W. from N. and
 run along it, and at
- 80.00 The cor. falls in the wash. Set 25 lbs. W.
 Set a post, marked and notched, 4 ft.
 long, 3 in. sq. d. 1 ft in the ground,
 and build mound of stones 2 ft high
 as per instructions for cor. to Secs.

Township 20 N., Range 4 E.

Tela & Salt River Meridian

Continued

Nos. 1, 2, 11, and 12, from which

A Pine, 20 in. dia. brs. S. 25° E. 155 lbs. Sects.

do. 27 " " " S. 21° W. 86 " "

do. 31 " " " N. 57° W. 20 " "

do. 28 " " " N. 28° E. 214 " "

Land level. Soil mostly good.

Heavy Pine timber. Grass.

The wash which the line crosses so frequently is dry.

East on random line between sees. 1 & 12,

var. 15° 41' E.

In dry wash bearing S. & S.W.

4.00 Leave wash brs. S. & S.W.

40.00 Set temporary cor.

80.04 Intersect E. boundary 20 brs. N. of
cor. to sees. 1 and 12, from which
cor. In run

N. 89° 51' W.

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Continued

Pro. true line between Secs. 1 & 12.
var. $15^{\circ}41' E.$ 40.02 Set a post, marked $1/4 S.$ 4 ft long, flattened 3 in. wide, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for $1/4$ sec. cor. from whichA Pine, 24 in. dia. to N. $24^{\circ} N.$ 66 br. dist.do. 36 " " S. $9^{\circ} E.$ 99 " "

41.93 A Pine, 24 in. dia.

48.61 do. 36 " "

48.80 do. 37 " "

61.48 do. 35 " "

64.28 do. 24 " "

64.35 do. 30 " "

75.34 do. 20 " "

80.04 Cor. to Secs. 1, 2, 11 and 12.

Land level, ascending slightly E.
Soil good. Grass. Heavy Pine
timber.

Township 20 N. R. 24 E.

6th Salt River Meridian

Ch. North on true line bet sec. 1 & 2.
 var. $15^{\circ}41' E.$

Ran along in dry wash, and at

15.00 Leave dry wash bearing S. from N.E.

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long,
 flattened 3 in. wide, 1 ft. in the
 ground, and build mound of stones
 2 ft. high, as per instructions for $\frac{1}{4}$
 sec. cor. from which

a Pine, 33 in. dia. br. S. $65^{\circ} W.$ 79 lvs. dist
 do. 28 " " " S. $80^{\circ} E.$ 110 " "

(There is a piece of cultivated ground
 in the interior of sec. 1. in an
 opening in the timber but the densi-
 ty of the latter prevents my see-
 ing the land from any part of the
 line. I had located the N. side of
 the land from observations in as-
 suming that portion of the 5th Stan-
 dard which forms the N. boundary

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Pro. Continued
of sec. 1. To ascertain the S. limit of
said land, I run E. from the aforesaid
1/4 sec. cor., on a random and unmarked
line, and at 40.00 chs. I turn N.,
and at 10.00 chs. intersect Fence
bet. E. & W. (being the S. limit of the
cultivated ground.)

Returning to the 1/4 sec. cor. I continue N.

43.69 A Pine 31 in. dia

44.50 do. 35 " "

51.15 do. 30 " "

61.30 Road to cultivated ground bet. S.E. & N.W.

80.19 Intersect 5th Standard Parallel N.
at a point 7.00 chs. N. of cor. to secs
35 and 36. of Township 20 N. R. 4 E.
Set a post, marked and notched,
4 ft long, 3 in sqd, 1 ft in the ground,
drive charred stake and build a
mound a fourth 2 ft high, with
pit 1 1/2 ft deep, 2 ft long, 1 ft

Township 20 N, Range 4 E.

Gila & Salt River Meridian

Continued
 1/2 mi. wide, as per instructions for closing
 cor. to secs. 1 & 2, from which
 a pine, 29 in. dia. br., S 1° E. 10 lvs. dist.
 do. 30 " " " S. 23° N. 22 " "
 Land level. Soil good. Grass.
 Heavy Pine timber.
 October 16. 1878.

From the cor. to secs. 10, 11, 14 & 15, from
 South on true line between secs. 14 & 15
 var. 15° 41' E.

Descending S.

40.00 Set a post, marked 1/4 S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground,
 and build mound of stones 2 ft.
 high, as per instructions for
 1/4 sec. cor.

Notes near,

I attempt to continue S. and at
 64.80 chs. I intersect corner of

Township 20 N. R. 24 E.

Gila and Salt River Meridian

As Continued
 impassable cañons from N. N. W.
 and N. E. and making to E. & S.
 I can go no further on this line.
 Land level, descending grad-
 ually S. Some good soil.
 Grass. Scattering Pine Juniper
 and Oak timber.

North between secs. 10 & 11.
 var. $15^{\circ}41' E.$

Descending gradually N. -

4.00 Run on level ground.

35.23 A Pine 36 in. dia.

40.00 Set a post, marked 74 S. 4 ft. long,
 flattened 3 in. wide, 1 ft. in the ground,
 and build mound of stones 2 ft. high
 as per instructions for 74 sec. cor. from which
 A Pine, 22 in. dia. 63. N. $27\frac{1}{2}^{\circ} W.$ 44 lbs. dist.
 do. 35 " " " N. $34^{\circ} E.$ 89 " "

80.00 Set a post, marked 75, notched, 4 ft.

Township 20 N. Range 4 E.

Gila & Salt River Meridian

Continued

Chs. long. 3 in. sq. d. 1 ft. in the ground, and
build mound of stones 2 ft. high, as
per instructions for cor. to secs. 2, 3.

10 and 11, from which

A Pine 19 in. dia. brs. S. 68° W. 28 lvs. dist

do. 20 " " " N. 10° W. 28 " "

do. 21 " " " N. 12° E. 74 " "

do. 28 " " " S. 69° E. 119 " "

Land mostly level. Some good soil.

Grass. Heavy Pine timber.

East or random line between secs. 2 & 11.

var. 15° 41' E.

40.00 Set temporary cor.

79.93 Intersect N. and S. line 17 lvs. S. of cor.

to sec. 1. 2. 11 & 12. from which cor. drawn

S. 89° 53' W.

Or true line between secs. 2 & 11.

var. 15° 41' E.

24.88 A Pine 30 in. dia.

Township 20 N. R. 24 E.

Gila & Salt River Meridian

Rs. Continued

39.96 Set a post, marked $1/4$ S. 4 ft long, flattened 3 in wide, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions for $1/4$ sec. cor. from which

A Pine, 39 in. dia. brs. S. 59° E. 56 hrs. dist.

do. 23 " " S. 74° W. 39 " "

79.93 Cor. to Secs. 2, 3, 10 and 11.

There is an open park to the N. of the W. $1/2$ of this line, occupying nearly the whole of the S. $1/2$ of the S. W. $1/4$ of sec. 2.

Land level. Some good soil. Grass. Heavy Pine timber.

North on true line between sec. 2 & 3.
var. $15^{\circ} 41'$ E

2.50 A Pine 30 in. dia.

12.00 Enter extreme N. end open park brs. E.

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Chs. Continued-

21.00 Leave open park, enter timber brs. N. E. & E.

27.87 A Pine 30 in. dia.

40.00 Set a post, marked 1/4 S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
and build mound of stones 2 ft. high
as per instructions for 1/4 sec. cor.
from which

A Pine, 37 in. dia. brs. S. 80° E. 30 lbs. dia.

do. 10 " " " N. 42° W. 95 " "

41.02 A Pine 27 in. dia.

48.15 do. 30 " "

70.00 Leave timber brs. E. & W. enter the S. E.
corner of large open Park to N. & N. W.80.50 Intersect the 5th Standard Parallel N.
at a point 8.74 chs. W. of Standard
cor. to secs. 34 and 35. of township
21 N. Range 4 E.Set a post, marked and notched
4 ft. long. 3 in. sq. d. 1 ft. in the

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Continued
 ground, and build mound of stones
 2 ft high as per instructions for ^{doing} cor. to
 secs. 2 & 3. No trees near.
 Land level. Some good soil.
 Much heavy Pine timber.

Going next to the cor. to secs. 9, 10, 15
 and 16. I find that in less than
 half a mile the line S. between secs
 15 & 16, intersects impassable can-
 ons from W. and N.W. and making
 towards E. and S. And the same
 is the case with the line W. between
 secs. 9 and 16.

From the cor. to secs. 9, 10, 15 & 16. From
 North between secs. 9 & 10.
 var. $15^{\circ} 41'$ East.

3.81 A Pine 30 in. dia.

40.00 Set a post marked 14 S. 4 ft long. flat-
 topped 3 in. wide, 1 ft in the ground

Township 20 N. R. 4 E.

6th 3/4 Salt River Meridian

- As
73.00 Continued
and build mound of stones 2 ft high,
as per instructions for 1/4 sec. cor.
from which
a Pine, 18 in dia brs. S. 70° W. 206 brs. dist.
do. 39 " " " S. 16° E. 156 " "
- 73.00 Leave timber brs. E. 200 and enter
open park to the N.
- 80.00 Set a post, marked and notched,
4 ft long. 3 in sq'd. 1 ft in the ground,
and build mound of stones 2 ft
high, as per instructions for cor.
to secs. 3, 4, 9 and 10.
No trees near.

Land mostly level.

Some good soil.

Heavy Pine timber for most part.

Grass

Township 20 N. R. 24 E.

Gila & Salt River Meridian

Chs. East on random line bet sec. 3 & 10.
var. 15° 41' E.

Along S. side of open Park.

- 14.00 Cienega brs. S.W. and N. of E.
19.00 Leave cienega brs. N. of E.
20.00 Enter timber brs. N. of E. & S. of W.
26.00 W. end of fence brs. E. & W., 400 brs. N.
33.00 E. " " " " E. & W., 400 " N.,
and a Spring, with water troughs, on the
N. side of the fence at the E. end.
40.00 Set temporary cor., and leave timber
brs. N. & S. and S. W., and enter bend of
open park.
50.00 Grey's House brs. N. 21.50 chs. dist.,
invisible from any part of the line.
55.00 Leave opening, enter timber brs. N. & S.
80.10 Intersect N. & S. line 30 brs. N. of
cor. to sec. 2, 3, 10 & 11, from which cor. runs
N. 89° 44' W.
On true line between sec. 3 & 10.

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Continued -

var. $15^{\circ}24' E.$

40.05 Setapost, marked $\frac{1}{4}$ S. 4 ft. long,
flattened 3 in. wide, 1 ft. in the ground,
and build mound of stones 2 ft. high
as per instructions for $\frac{1}{4}$ sec. cor.
from which

A Pine, 33 in. dia. to, N. $17^{\circ} E.$ 50 lvs. dist.

do. 12 " " " S. $62^{\circ} W.$ 107 " "

80.10 Cor. to Secs. 3, 4, 9 and 10.

Land level. Some good soil. Grass.
Some Heavy Pine timber.

North on true line between secs. 3 & 4.

var. $15^{\circ}24' E.$

Runs through open park. -

40.00 Setapost, marked $\frac{1}{4}$ S. 4 ft. long, flat-
tened 3 in. wide, 1 ft. in the ground,
and build mound of stones 2 ft. high
as per instructions for $\frac{1}{4}$ sec. cor.

No trees near.

Township 20 N. R. 4 E.

Gila & Salt River Meridian

Continued—

- Chs. From this cor., Hull's House brs. N. 66° 35' E.
12.72 chs. dist. There is a Spring of water
immediately S.W. of House.
- 57.00 Leave open park, enter timber brs. E. & W.
- 68.13 A Pine 24 in. dia.
- 71.90 Ranch road brs. S. E. & N. W.
- 80.48 Intersect 5th Standard Parallel N, at
a point 8.37 chs. W. of standard cor. to Secs.
33 and 34. of Township 21 N. R. 4 E.
Set a post, marked and notched, 4 ft
long, 3 in. sq. 1 ft. in the ground, drive chaired
stake & build mounds of earth 2 ft high,
with pits 1 1/2 ft. deep, 2 ft long, 1 ft wide, as
per instructions for closing cor. to Secs.
3 & 4. from which
A Pine, 25 in. dia. brs. S. 3° W. 43 brs. dist.
do 23 " " " S. 5° E. 33 " "
- Land level, then ascending slightly N.
Some good soil. Grass. Some heavy
Pine timber

Township 20 N. Range 4 E.

Gila & Salt River Meridian

Ps. Returning to the cor. to secs. 3, 4, 9 & 10. From thence
 W. E. on true line between secs. 4 & 9.
 var. $15^{\circ} 41' E.$

Descending slightly W. — In open Park, —

- 7.00 Leave open park, enter timber brs. N. E. S.
 40.00 Set a post, marked 14 S. 4 ft. long, flattened 3
 in wide, 1 ft. in the ground, and build a mound of
 stones 2 ft. high, as per instructions for 14 sec. cor. from which
 a line, 36 in. dia. brs. S. $70^{\circ} W.$ 13 brs. dist.
 do. 29 " " " N. $58^{\circ} E.$ 60 " "

In running a trial line further W., at
 52.98 chs. I intersect an impassable
 cañon brs. S. S.W. and W. into a succession
 of cañons. I can run no farther on this line
 Land uneven. Soil mostly poor. Grass.
 Some Heavy Pine timber.

Going now to the standard cor. to secs.
 32 & 33, of Township 21 N. Range 4 E,
 From thence

Township 20 N. Range 4 E.
Gila & Salt River Meridian

Pr. West on the 5th Standard Parallel N.

var. $15^{\circ}46' E.$

As per Standard Line. — and at
6.50 Being the calculated convergence at this point,
I set a post, marked & notched, 4 ft long, 3 in.
sq. d. 1 ft in the ground, and build mound of
stones 2 ft high, as per instructions, for closing
cor. to secs. 4 & 5. of T_p. 20 N. R. 4 E. from which
a Pine, 25 in. dia. brs. S. $43^{\circ} W.$ 250 lbs. dist.
do. 24 " " S. $80^{\circ} E.$ 425 " "

And from this closing cor. I run
South on true line between secs. 4 & 5.
var. $15^{\circ}41' E.$

As per E. Boundary of the Township
The line runs through little opening brs. E. & W. —
13.00 Leave opening, enter timber brs. S. W. & E.
24.00 At a distance of 35.00 chs. E. of this point there
is a large pond of water in cañon coming down
from N₇, and this pond is the termination
of water flowing S. in said cañon.

Township 20 N. R. 4 E.
Gila & Salt River Meridian

Chs. Continued

40.00 Set a post, marked $\frac{1}{4}$ S. 4 ft long, flattened
3 in. wide, 1 ft in the ground, and build a
mound of stones 2 ft high, as per in-
structions for $\frac{1}{4}$ sec. cor. from which
a Pine, 27 in. dia. brs N. 40° W. 35 lns. dist.
do. 24 " " S. 45° W. 141 " "

In running trial line further S., at 70.00
chs. I intersect impassable cañon
from N.E. I can run no further on this line.
Land mostly level. Soil poor. Grass
Scattering timber, pine.

From the standard cor. to secs. 31 & 32,
of Township 21 N. R. 4 E. Run
West along 5th Standard N.

var. $15^{\circ} 46' E$

As per Standard line, and at
6.50 Being the calculated convergence,
I set a post, marked and watched,

Township 20 N. R. 4 East
 Gila & Salt River Meridian

Continued
 4 ft long, 3 in. sq. d., 1 ft in the ground,
 drive charred stake and build mound
 of earth 2 ft high, with pits $1\frac{1}{2}$ ft deep,
 2 ft long, 1 ft wide, as per instructions
 for closing cor. to Secs. 5 & 6. of Twp.
 20 N. R. 4 E. from which

A Pine, $\frac{1}{4}$ in. dia. br., S. 40° W. 88 br. dist
 do. 32 " " S. 16° E. 320 " "

And from this closing cor. Drive
 South from true line between secs. 5 & 6.
 var. $15^{\circ} 41'$ E.

As per E. boundary of township.

40.00 Set a post, marked 14 S. 4 ft long, flat-
 tened 3 in. wide, 1 ft in the ground, and
 build mound of stones 2 ft high as per
 instructions for 14 sec. cor. from which
 A Pine, 30 in. dia. br., N. 85° E. 78 br. dist.
 do. 24 " " N. 32° W. 85 " "

80.00 Set a post, marked and notched,
 4 ft long, 3 in. sq. d., 1 ft in the ground,

Township 20 N. Range 4 E.
Gila & Salt River Meridian

Continued
No. and build mound of stones 2 ft high,
as per instructions for cor. to secs. 5,
6, 7 and 8, from which

A Pine, 29 in. dia. brs. S. 49° W. 70 lbs. dist.

do. 20 " " " N. 47° W. 80 " "

do. 30 " " " S. 81° E. 113 " "

do. 30 " " " N. 15° E. 141 " "

Land level. Soil poor. Grass,
Heavy Pine timber.

October 17, 1878.

Thence I run on trial line between
secs. 5 & 8, and at 31.00 chs.
intersect impassable cañons
The line cannot be run.

I now run

West on true line between secs. 6 & 7,
var. 15° 41' E.

40.00 Set apart, marked 4 S. 4 ft long,
flattened 3 in wide, 1 ft from the ground

Township 20 N. Range 4 E.
Gila & Salt River Meridian

Continued
No. and build mound & stones 2ft high
as per instructions for 1/4 sec. cor. from which
W. Pine. 24 in. dia. 60, N. 65° E. 46 lbs. diet.
do. 31 " " " S. 48° W. 65 " "

In attempting to continue W₇ at
41.00 chs. the line intersects im-
passable canons from N. and S. and
making S.E. I can run no further.
Land mostly broken. Soil poor.
Grass, Heavy Pine timber.
October 19. 1878.

The line S. between secs. 7 & 8 can-
not be run. In a short distance
S. from cor. to secs. 5, 6, 7 and 8, it
intersects impassable canons.

General Description

Township 20 N. Range 4 E, contains some good agricultural land in the N. E. portion, and where it has been tried in sec. 1, agricultural crops have been raised without irrigation.

In the N. & N. E. portion of the township there is a large body of Pine timber, of commercial value. The trees are thick, very tall and of good size. The land is wholly non-mineral. There is water in secs. 13, 3 and 4. There is fine grazing throughout the township. The lines were blazed and line trees notched in accordance with instructions.

The center and Southern portions of the township are broken by impassable canons of great depth and with precipitous walls, and

presenting scenes of grandeur and
beauty rarely surpassed.

Beyond the canons, in the S.W.
portion, the ground is very broken
and the timber scattered and
scrubby.

John H. Harris,
U.S. Deputy Surveyor.

List of Names.

BOOK

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A List of the Names of Individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of the survey of

The Subdivision Line of Township 20 N. Range 4 E. of the Gila and Salt River Meridian

Showing the respective capacities in which they acted.

Richard Shrope Chainman.

N. Van Alstine Chainman,

W. Suastegui.
Frank Carpenter } Axeman.

Wm. A. Kolb Flagman.



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Final Oath of Assistants.

BOOK 340

We hereby certify that we assisted John L. Harris U. S. Deputy Surveyor, in surveying

The Subdivision Lines of Township 20 N. Range 4 E. of the Gila and Salt River Meridian

and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

Richard Shrop Chairman.

N. Van Alstine Chairman,
City Surveyor

Frank Carpenter Axeman.

Wm. Amos ^{his} Kalk Flagman.

D. B. Johnson Pitman

Sworn to and subscribed before me, this 13th

day of November, 1878

John R. Faull

Antony Rubie

Final Oath of Deputy Surveyor.

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BOOK 340

I, *John L. Harris*

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract with John Wasson, United States Surveyor-General for Arizona, bearing date the *29th* day of *July*

1878. I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General, the Surveying Manual, and the laws of the United States, surveyed all those portions of

The Subdivision Lines of Township 20 N. Range 1 E. of the Gila and Salt River Meridian

as are represented in the foregoing Field Notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements con-

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tained in circular instructions from the U. S. Surveyor-General for Arizona, dated September 1, 1873, regarding the establishment of corner boundaries of public surveys, and that the foregoing are the true and original Field Notes of such surveys.

John L. Harris

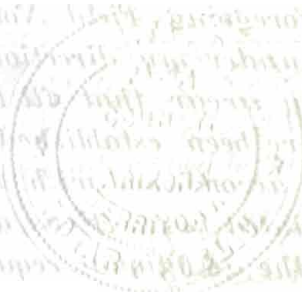
Deputy Surveyor.

BOOK 340

Sworn to and subscribed before me, this *13th* day of *November*, 187*8*

John R. Farrell

Notary Public



BOOK 340

U. S. Surveyor General's Office,

TUCSON ARIZONA, December 30 1878.

The foregoing Field Notes of the Survey of the
 Subdivision Lines of
 Township 20 North
 Range 4 East,

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by John L. Harris,

Deputy Surveyor, under his contract of the 29th
 day of July, 1878, having been

critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

John Mason,

Surveyor General.