

1573

BOOK 1573

1573

F I E L D N O T E S

OF THE SURVEY OF THE

S. Bdy. T. 8 S., R. 17 E., W.
Bdy. T. 9 S., R. 18 E., W. Bdy.
T. 10 S., R. 18 E.

EXTERIOR BOUNDARIES

OF

T. 8 S., R. 21 E., 7 S., R. 20
E., and 6 S., R. 19 E., Triang-
ulation from Aravaipa to San
Pedro, Range line to establish
2nd Standard South, and 2nd
Standard South along S. Bdy.
T. 10 S., R. 18 E.

Gila and Salt River Base and
Meridian,

ARIZONA.

By Theo. F. White, D. S., under
Contract dated July 17, 1877.
Survey commenced Oct. 9, 1877.
Survey completed Nov. 7, 1877.

P.L.S., R. 19 E. 1342 19 *P.S.S., R. 20 E.* *P.S.S., R. 21 E.*

244 119

254 030

BOOK 1573

24 35 36 39 31 32 33

~~45 114 113 35 36 37~~

3 2 1 3 4 6 5 4

12 33 7

P.L.S., R. 19 E. 1332 18 *P.S.S., R. 20 E.* *P.S.S., R. 21 E.*

1930 20

242 19

29

2928 28

252 130

27

3326 34 35 36 20 31 32 33 34 35 36

~~25 24 23 18 17 16 15 14 13~~

3 2 1 12 6 5 4 3 2 1 6

BOOK 1573

12 11 7

12 5

P.S.S., R. 19 E. *P.S.S., R. 20 E.* 1310 16 *P.S.S., R. 21 E.* 13 4

24 9 19

24 3

25 8 30

25 2

36 7 31

36 1

Triangulation, pages 46 to 54.

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| 31 | 32 | 33 | 34 | 35 | 36 |
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| 70 7 | | | | | |
| 71 18 | | | | | |
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| 73 30 | | | | | |
| 74 31 | 32 | 33 | 34 | 35 | 36 |
| 76 77 | 78 | 79 | 80 | 81 | |

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D.R.F.

1A
Preliminary Oaths of Assistants.

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We, Lynnan Wakefield
and Chas. B. Warner

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.

Lynnan Wakefield

Chas. B. Warner

Sworn to and subscribed before me, this 29
day of September, 1877

William J. Osborn
Notary Public



We, *Fred. C. Jones*
and *J. P. Chenoweth*

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

according to instructions given us, and to the best of our skill and ability.

Fred. C. Jones
J. P. Chenoweth

Sworn to and subscribed before me this *29*
day of *September*, 187*7*

William J. Osborn
Notary Public



East Boundary of Tps. 8 & 9 S. R. 21 E.
Gila and Salt River Meridian

From the cor. to Tps. 8 & 9 S. R. 21
& 22 E. which is marked by a
post in mid. of stones I run
North on the E. boundary of Sec. 36
Mar 13^o 35' E.

- As per Solar Compass
- 40.00 Set a granite stone $11 \times 9 \times 6$ in
 $\frac{2}{3}$ in the ground, marked
 $\frac{1}{4}$, and on the N. build a
mid. of earth 2 ft. high with
pits 1 ft. deep, 2 ft. long, and
1 ft. wide as per instructions
for the $\frac{1}{4}$ Sec. cor. No trees
- 0.00 Set a granite stone $20 \times 14 \times 12$ in
 $\frac{3}{4}$ in the ground, notched S. & N.
and on the N. build a mid.
of earth 2 ft. high with pits
1 ft. deep, 2 ft. long & 1 ft. wide as
per instructions for the cor. & sec.
2030, 31 & 36 No trees. Rolling Good grass.

East Boundary of T. 8 S. R. 21 E.

Gila and Salt River Meridian

- Chs. North on the E. boundary of Sec. 25
 Var. $13^{\circ}35' E.$
- 20.00 Dry bed of stream 20 lbs. wide runs w.
- 40.00 Set a granite stone $22 \times 14 \times 12$ in
 $\frac{3}{4}$ in ground, marked 44, and
 the N. build pd. of stones 2 ft
 high, as per instructions for
 $\frac{1}{4}$ sec. cor. No trees
- 58.00 Descend hill into little valley
 brs S.W.
- 80.00 Set a granite stone $14 \times 12 \times 10$ in,
 $\frac{2}{3}$ in the ground, notched N.S.
 and on the N. build pd. of
 earth 2 ft. high, with feet 1 ft.
 deep, 2 ft. long and 1 ft. wide
 as per instructions for the cor-
 to sec. 19, 24, 25 & 30, from which
 a Mesquite tree 8 in diam. brs S30E. 100 lbs dist.
 No other trees near.
 High rolling. Good grass. No timber

East Boundary of T₁ S. R. 21 E
Gila and Salt River Meridian

Chs. North on the E. boundary of Sec. 21^{1/2}.
Var. 13°35' E.

7.25 Cross a cañon running S. W.
40.00 Set a granite stone 10x8x8 in.
2/3 in the ground, marked 1/4
and on the N. build a wd. of
earth 2 ft. high with pits 1 ft.
deep, 2 ft. long, and 1 ft. wide
as per instructions for 1/4 sec. cor.
No trees near.

45.25 Drywash. 10 lbs. wide runs W.
80.00 Set a granite stone 20x12x8 in.
2/3 in the ground, notched N. S.
and on the N. build a wd. of stones
2 ft. high as per instructions for
the cor. to secs. 13, 18, 19 & 24
No trees. This is on the edge of a
drywash flowing W.
Rolling hills Soil 2 rats
No timber

East Boundary of Twp. 8 S. R. 21 E.
Gila and Salt River Meridians

- Chs North on the E. boundary Sec. 13
Cor. 10°35' E.
- 40.00 Set a granite stone 14x9x5 in
2/3 in ground, marked 1/4
and on the N. build a wd. of
earth 2 ft high with feet 1 ft
deep 2 ft long and 1 ft wide
as per instructions for 1/4 sec.
- 60.50 ^{Cor.} No trees near.
Road to old Camp Goodwin, 7/8 E.
- 80.00 Set a porphyritic stone 13x13x8
in. 2/3 in the ground notched
N. & S. and on the N. build a wd.
of earth 2 ft. high with feet
1 ft. deep. 2 ft long & 1 ft wide
as per instructions for the
Cor. to secs. 7, 12, 13 & 18
No trees near.
Rolling hills Soil 2nd rate
No timber.

East Boundary of Twp. 8 S. R. 21 East
Gila and Salt River Meridian.

North on the E. boundary of Sec. 12
Var. 13° 35' E.

07.10 Road to old Camp Goodwin brs N.W.

11.00 Dry wash 20 lbs. wide brs W.

40.00 Set a granite stone 10x10x6 in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
and on the N. build, mid. of
earth 2 ft. high with pits, 1 ft.
deep, 2 ft long and 1 ft. wide
as per instructions for $\frac{1}{4}$ sec. cor.
No trees

80.00 Set a granite 10x10x6 in. $\frac{2}{3}$
in the ground, notched N. & S.
and on the N. build, mid. of earth
2 ft. high, with pits 1 ft deep, 2 ft.
long and 1 ft wide as per in-
structions for the cor. to secs.

16, 17 & 18 from which

A Juniper 12 in diam. brs N. 87° W. 153 lbs. dist.
do. 20 " " East 255 " "

Rolling grass land. Scattering trees.

East Boundary of Tps. 8 S. R. 21 E.
Gila and Salt River Meridian

North on the E. boundary Sec. 1.

Var $13^{\circ}36' E$.

- 40.00 Set a post 4 ft. long flattened 3 in. marked $\frac{1}{4}$ S. 1 ft. in ground, drive charred stake and build end of earth 2 ft high, with pits 1 ft. deep, 2 ft. long & 1 ft. wide as per instructions for $\frac{1}{4}$ sec. cor. from which a Hackberry 6 in diam. brs N. 20 W. 788 lbs. dist. No other.
- 80.00 Set a porphyritic stone 25 X 18 X 12 in. $\frac{3}{4}$ in the ground, notch N. S. E. & W. and on N. build end. of stones 4 ft. high, as per instructions for the cor. to Tps. 7 & 8 S. R. 21 & 22 E. No trees near. a little house brs N. W. $74\frac{1}{2}$ about 28 chs. distant. High fatte land. General Description: The E. boundary of this township lies mostly on rolling land except on N. end where it flattens out to high fatte land. There is excellent paslurage throughout. Little or no timber. Oct. 9, 1877

West Boundary. Tps. 8 & 9 S. R. 21 East
Gila & Salt River Meridian

I start from the cor. to Tps. 8 & 9 S.
R. 20 & 21 E. which coming in a
wash is witnessed by face of large rock
rock marked and ind. of Stone
2 chs. S. of true place of cor. From
true place of cor. I run
North on the W. boundary of Sec. 31

Plat. $13^{\circ}35'$ East

As per Solar Compass.

- 40.00 Set a granite Stone $13 \times 10 \times 9$ in.
 $\frac{3}{8}$ in. the ground marked $\frac{1}{4}$.
and on the N. build ind. of earth
2 ft high with pits 1 ft. deep 2 ft long
and 1 ft. wide as per instructions. No trees.
- 80.00 Set a granite Stone $20 \times 15 \times 12$ in.
 $\frac{3}{8}$ in. the ground marked N. & S.
and on the N. build ind. of Stone
2 ft. high as per instructions
for the cor. to Secs. 25, 30, 31 & 36. No trees
Hilly, broken. Grass No timber.

West Boundary of Twp. 8 S. R. 21 E.
Gila and Salt River Meridian

Chs. North on the W. boundary of Sec. 30,
Var. 13° 38' E.

75.00 Dry wash 20 yds wide runs E.

40.00 Set a granite stone 24 x 18 x 15 in.
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$
and on the N. build end of
earth, two ft high with pits 1 ft
deep, 2 ft. long and 1 ft. wide
as per instructions for $\frac{1}{4}$ sec. cor
No trees

75.00 Cross narrow deep cañon
running N. E.

80.00 Set granite rock 20 x 12 x 10 in.
 $\frac{3}{4}$ in the ground, notated N. & S.
and on the N. build end of stone
2 ft high, as per instructions
for the cor. to secs. 19, 24, 26 & 30
No trees near
High rolling land. Good
grass. No timber.

West Boundary of S. R. 21 E.
Gila and Salt River Meridian

Chs. North on the W. boundary of Sec. 19
Cor. 1338' East.

40.00 Set a granite Stone 18x14x12 in
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$
and on the N. build a wd. of
stones 2 ft high as per instructions
for $\frac{1}{4}$ sec. cor. No trees.

67.50 Dry bed of stream 50 yds. wide runs N. E.
80.00 Set a granite rock 24x16x10 in.
 $\frac{3}{4}$ in the ground, notched N. S.
and on the N. build wd. of stones
2 ft high as per instructions for
the cor. to secs. 13, 18, 19 & 24, from which
a Juniper tree 10 in diam. brs South 14 yds dist.
No other trees near

High rolling hills. Good pasture
land. No timber.

West Boundary of Tp. 8 S. R. 21 E.

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Gila and Salt River Meridian

North on the W. bndry. of Sec. 18.
Cor 13°38' E.

40.00 Set a granite stone 11x10x6 in
 $\frac{3}{4}$ in the ground marked 44
and on the N. byld. mid. of earth
2 ft. high, with pits 1 ft deep
2 ft. long and 1 ft. wide as per
instructions for 4 sec. cor
No trees

80.00 Set a granite rock 18x12x10 in
 $\frac{3}{4}$ in the ground, notch N. & S.
and on the N. byld mid. of rock
earth 2 ft. high, with pits 1 ft deep
2 ft. long and 1 ft. wide as
per instructions for the cor.
to secs. 7, 12, 13 & 18
No trees near.

Hilly. Good grass land
No timber

West Endry of Sp. S. R. 21 E.

Gila and Salt River Meridian

North on the W. endry of Sec. 7
 Var. $133^{\circ}8'$ East

3.25 Dry Creek 250 yds. wide runs N. E.

40.00 Set a granite stone $18 \times 10 \times 8$ in.

$\frac{3}{4}$ in the ground, marked $\frac{1}{4}$
 and on the N. build a row of
 stones 2 ft. high with pits 1 ft.
 deep, 2 ft long and 1 ft wide
 as per instructions for $\frac{1}{4}$ sec. cor.
 from which

An ash tree 10 in. diam. bears S 25 E. 210 yds. dist.

No other tree near.

80.00 Set a granite stone $12 \times 10 \times 6$ in. $\frac{2}{3}$

in the ground, notched N. & S.
 and on the N. build row of stones
 2 ft. high as per instructions
 for the cor. to secs. 1, 6, 7 & 12.

No trees.

High hills. Good grass

No lumber of any consequence

West Boundary of Twp. 8 S. R. 21 E.
Gila and Salt River Meridian

Chs. North on the W. boundary of Sec. 6
Cor. 13° 38'

16.00 Arrivaipai Creek 50 lbs wide runs N.W.

34.00 Road down the valley to N.W.

40.00 Set a post 4 ft. long, flattened 3 in. marked
45. 5 ft. in the ground. drive charred
stake and build md. of earth 2 ft. high
with pits 1 ft. deep 2 ft long 8 1/4 ft wide as
per instructions for 1/4 sec. cor. from which
A mesquite 10 in. diam. brs 572 W. 75 lbs dist.

do. 8 " " 13 1/2 W. 106 " "

74.00 Leave the valley bottom & ascend
80.00 Set a granite block 13 X 10 X 8 in. 3/4 in
the ground, notch N. S. E & W. and on the
N. build a md. of stones 3 ft high as
per instructions for the cor. to townships
7 & 8 S. R. 20 & 21 E. No trees near.

Gen. Descrip. The west boundary
of this township lies mostly on the
hills to the W. of the Arrivaipai. The land
along the line furnishes excellent pasture
age. There is little or no timber.

North Boundary of Twp 8 S. R. 21 E.
Gila and Salt River Meridian

Chs. From the cor. to Secs. 16, 31 & 36 I run a
random line along the N. boundary of Secs.
6, 5, 4, 3, 2 & 1 & at 5 ms. 79 chs and 57 lbs
I intersect the E. boundary of the Twp.
152 lbs S. of the cor. to Secs. 16, 31 & 36.

Variation $14^{\circ}15'$ E. as per solar
Compass. There I run from
this last cor.

S. $89^{\circ}49'$ W. on a true line on N. boundary
of Sec. 1 Variation $14^{\circ}15'$ E.

- 14.00 Road to old Camp Goodwin, hrs M.
26.50 House 5 chs. M. same as before referred to.
40.00 Set a porphyritic boulder in place 3 ft high by 6 ft
by 3 ft. Marked N.E. face 14, from which
a Juniper 12 in. diam. hrs. 889 W. 22 lbs. dist.
do. 10 " " N. 20 E. 140 " "
Build ind. of stone 2 ft. high W. of rock.
80.00 Set a porphyritic stone 24 X 13 X 4 in. $\frac{3}{4}$ in.
the ground, notched E. & W. and on W. build
ind. of stone 2 ft. high as per instructions
for the cor. to Secs. 1, 2, 35 & 36.
No trees near.

Ascending on the W. good grass
land. a few scattering trees

Oct. 10, 1877

North Endry of T^p 8 S. R. 21 E.

Gila and Salt River Meridians

Chs. S. 89° 49' W. on N. endry Sec. 2
 (Plas 14° 15' E.)

40.00 Set a granite stone 11 x 8 x 7 in
 $\frac{2}{3}$ in. the ground, marked $\frac{1}{4}$
 and on the W. build a mud. of
 earth 2 ft. high with pits 1 ft.
 deep, 2 ft long, and 1 ft wide
 as per instructions for $\frac{1}{4}$ sec. cor. Not true

80.00 Set a granite stone 18 x 12 x 4 in
 $\frac{3}{4}$ in the ground, notched E. & W.
 and on the W. build a mud. of
 earth 2 ft. high with pits 1 ft.
 deep, 2 ft long and 1 ft wide
 as per instructions for the cor.
 to secs. 2, 3, 34 & 35

No trees

Rolling hills Soil 2nd rate
 Good grass. No timber.

North Budry Twp. S. R. 21 E.

Gila and Salt River Meridian

Chs. S 89° 49' W. on N. budry Sec. 3
Ta 14° 15' E.

6.74 Dry wash 10 lbs. wide runs S.
36.00 do 25 " " "

40.00 Set a granite stone 12 X 10 X 6 in. $\frac{2}{3}$
in the ground, marked $\frac{1}{4}$,
and on the W. build mid. of earth-
work 2 ft. high, with pits 1 ft. deep
2 ft. long and 1 ft. wide as per in-
structions for $\frac{1}{4}$ sec. cor. from which
a Mesquite 6 in diam. brs, N. 10 E, 10 lbs. dist.
do 4 " " " S 80 W, 63 " "

80.00 Set a granite stone 17 X 10 X 10 in. $\frac{2}{3}$ in
the ground, notched E. & W, and
on the W. build mid. stones 2 ft. high
as per instructions for the cor. to secs.
3, 4, 33 & 34 from which
a Juniper tree 10 in diam. brs S. 8 E. 65 lbs. dist.
No other trees near.

Rolling Grass. No timber

North Endry of T^p. 8 S. R. 21 E.
Gila and Salt River Meridian

S. $89^{\circ}49' W.$ on the N. endry of sec. 4
Cor. $14^{\circ}15' E.$

40.00 Set a granite stone $11 \times 9 \times 6$ in
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
and on the W. build a mnd. of
earth 2 ft high, with pits 1 ft
deep 2 ft long and 1 ft wide
as per instructions for the cor.
to sec. 4 sec. cor. No trees

80.00 Set a granite stone $12 \times 12 \times 10$ in
 $\frac{2}{3}$ in the ground notched E. & W.
and on the west build a mnd. of
stones 2 ft. high as per instruc-
tions for the cor. to sec. 4, 5, 32
& 33. No trees near.

Hilly. Soil 2 rate
Good pasturage
No timber

North Boundary of Tp. 8 S. R. 21 E.

Gila and Salt River Meridian

S. $89^{\circ}49'W$. on N. boundary Sec. 5
 Plat $14^{\circ}15' E$.

40.00 Set a granite stone $22 \times 16 \times 14$ in
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$
 and on the W. build a row of
 stones as per instructions for
 $\frac{1}{4}$ sec. cor. from which
 A Juniper tree 12 in diam. bears $N 85^{\circ} W$, 150 lbs. dist.

47.50 Cross cañon runs, S.W., [No other tree

40.50 Dry wash 10 lbs. wide. runs S.

50.00 Set a granite stone $14 \times 12 \times 8$ in.
 $\frac{2}{3}$ in the ground notched E. & W.
 and on the W. build row of earth—
 2 ft high, with pits 1 ft. deep, 2 ft
 long and 1 ft. wide as per in-
 structions for the cor. to secs.
 5, 6, 31 & 32. No trees near.

Rolling hills. Soil 2 rate
 Grass. No timber.

N. Budry of Tps. 8 S. R. 21 E.
S. 1/4 and Salt River Meridian

- Chs. S. 89° 49' W. on N. budry Sec. 6.
Twp 14° 15' E.
- 22.00 Little valley running SW.
- 40.00 Set a post 4 ft. long flattened 3 in.
marked $\frac{1}{4}$ S. 1 ft. in the ground.
drive charged stake and build
rod. of earth 2 ft. high $\frac{1}{2}$ ft. with pits
1 ft. deep, 2 ft long and $\frac{1}{2}$ ft wide
as per instructions for $\frac{1}{4}$ sec. cor.
No trees near
- 79.57 The cor. to Tps. 8 & 9 S. R. 20 & 21 E.

Rolling hills Soil 3 rate
Grass No timber.

General Description: The N. budry
of the township lies along rolling and
sometimes broken hills. The land is good
for grazing. Abundance of grass. No
timber of any consequence Oct. 11, 1871

East Boundary of S. R. 20 E.

1573 Gila and Salt River Meridian

From the cor. to Sps. 788 S. R. S.
20 & 21 E. I run

North on the E. boundary of Sec. 36
Var. $14^{\circ} 15' E.$

as per bar compass

40.00 Remote from timber and stone of
the required size. Deposit small
marked stone and build end. of earth
2 ft. high with pits 1 ft. deep, 2 ft. long
and 1 ft. wide as per instructions
for $\frac{1}{4}$ sec. cor. No trees near.

68.25 Dry wash 70 ft. wide runs S W

80.00 Set a granite stone $20 \times 10 \times 8$ in. $\frac{2}{3}$ in
the ground, notched N. & S. and on
the N. build end. of earth 2 ft high
with pits 1 ft. deep 2 ft. long and
1 ft wide as per instructions for
the cor. to Secs. 25, 30, 31 & 36. No trees
High rolling land. Good for pasture
age. No timber

East Budry Sp. of S. R. 30 East

Gila and Salt River Meridian

North on the E. Budry, of Sec. 25
 Lat. $44^{\circ}15'$ E.

- 25 Drywash 10 lks. wide runs S.W.
- 00 Set a granite stone $10 \times 8 \times 8$ in. $\frac{2}{3}$ in
 the ground, marked $\frac{1}{4}$, and on the
 N. build end. of earth 2 ft. high with
 flat top 2 ft. long and 1 ft. wide
 as per instructions for $\frac{1}{4}$ sec. cor. from which
 to Willow River Meridian, by S 20 W, $11\frac{1}{2}$ lks. dist.
 No other trees near. This cor. is along side of
 wash in a canon.
- 1.50 Drywash 12 lks. wide runs, S.W.
- 00 Set a granite stone $22 \times 16 \times 10$ in. $\frac{2}{3}$ in
 the ground, notched N. & S. and on
 the N. build end. of stones 2 ft high as
 per instructions for the cor. to secs
 19, 24, 25 & 30. No trees near
 High rolling grassy hills
 No timber.

East Endry of Sp. 7 S. R. 210 East
Gila and Salt River Meridian

North on the E. Endry Sec. 24
Var. $14^{\circ}15' E.$

6.60 Dry wash 20 kcs. wide runs N. E.

33.00 " do 15 " " " SW.

40.00 Seb granite Stone $12 \times 10 \times 8$ in. $\frac{1}{3}$ in
the ground, marked '14, and on the
N. build end. of stones 2 ft. high
as per instructions for $\frac{1}{4}$ sec. cor.
No trees

80.00 Seb granite Stone $20 \times 12 \times 4$ in. $\frac{3}{4}$
in the ground, notched N. & S,
and on the N. build end. of stones
2 ft. high as per instructions for
the cor. to secs. 13, 18, 19 & 24
No trees.

High hills, grass No timber

Further north the line becomes
impracticable, a mountain with
almost vertical sides rises imme-
diately in front.

South Endry of Sp. 7 S. R. 20 E.
Gila and Salt River Meridian

From the cor. to Sp. 7 S. R. 20
& 21 E. I run

West, on the S. endry. Sec. 36

Var. $14^{\circ}15' E.$

40.00 Set a post 4 ft. long. flattened 3 in, marked
1/4 S. 1 ft in the ground, drive charred
stake and build out of earth 2 ft. high
with pits 1 ft. deep 2 ft long and 1 ft
wide as per instructions for 1/4 sec.
cor. from which

A *Tisote* tree 4 in. diam. brs $83^{\circ}1/2 E.$ 64 lbs. dist.

3.10 Enter bottom land

6.15 Arrivai kai road brs, NW
0.00 Arivai kai Creek 80 lbs wide runs NW.
1.00 Set a post 4 ft. long 3 in. marked
and notched, drive charred stake
and build out of earth 2 ft high with
pits 1 ft. deep 2 ft long and 1 ft wide
The post as set 1 ft. in the ground. all
as per instructions for the govt. sees.
1, 2, 36 & 36. No trees great

Rich bottom land on W.
Scattering trees and brush.

South Endry of Sp. y S. R. 20 E.
Gila and Salt River Meridian

West on S. endry of Sec. 35
Var. $14^{\circ}15' E.$

40.00 Set a post 4 ft. long flattened 3 in.
wide, marked $\frac{1}{4}$ S. 1 ft. in the ground.
drive charred stake and build mound
of earth 2 ft. high, with pits 1 ft.
deep, 2 ft. long and 1 ft. wide as per
instructions for $\frac{1}{4}$ sec. cor. from which
a Mesquite tree 4 in. diam. hrs $S 20^{\circ} E 74$ ft. dist.
a Willow " 12. " " " $S 45^{\circ} E 135$ " "

80.00 Set a granite stone $14 \times 12 \times 8$ in. $\frac{2}{3}$
in the ground, notched E. & W. end
on the W. build mound of stones 2 ft.
high as per instructions for the cor.
to secs. 2, 3, 34 & 35 from which
a Mesquite tree 6 in. diam. hrs $S 62^{\circ} W. 167$ ft. dist.
No other trees near.
Some good land. Scattering trees

South Boundary of T₁ of S. R. 20 E.
Gila and Salt River Meridian

West, on the S. boundary of Sec. 34
Lat. $14^{\circ}15'E$.

40.00 Set a granite $12 \times 10 \times 8$ in. $\frac{2}{3}$ in the
ground, marked '4, and on the
W. build and. of stones 2 ft. high
as per instructions for '4 sec. cor.

45.75 Dry wash 20 ft. wide hrs. N.

62.20 do 50 " " " NW.

80.00 Set a granite stone $24 \times 20 \times 14$ in.
 $\frac{3}{4}$ in the ground, notched E. & W.,
and on the W. build and. of stones
2 ft. high as per instructions for the
cor. to Secs. 3, 4, 33 & 34. No trees
This is on the E. side of impassable
Canyon, impassable further W.,
hilly & broken and becoming pre-
cipitous. Scattered trees.

The line is impracticable further
W. on account of the precipitous in-
passable nature of the ground. So I
run North from here

Township 7 S. Range 20 East
Gila and Salt River Meridian

Not being able to run further West on
the S. boundary I run from the cor.
to Secs. 33 & 34, 3 & 4 on the S. boundary
North between Secs. 33 & 34

Var. $14^{\circ}15' E$.

Cross big cañon running N. E.

40.00 Suba granite stone $11 \times 8 \times 6$ in
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
and on the N. build and of earth
2 ft. high with feet 1 ft. deep
2 ft. long and 1 ft. wide as per
instructions for $\frac{1}{4}$ sec. cor. N. trees.

80.00 Suba granite stone $20 \times 14 \times 10$ in. $\frac{3}{4}$ in
the ground, notched S. & E. on the
N. build and of stones 2 ft high
as per instructions for the cor.

to Secs. 27, 28, 33 & 34, from which
A Cedar tree 10 in diam. brs $S44^{\circ}W$ 30 lbs dist.

do. 14 " " " west 46 " "

No other trees near.

Hilly & broken. Soil 3 rats,

Oct. 20, 1877

Sp. 7 South Range 20 East
Gila and Salt River Meridian

West between Secs. 28 & 33

Lat. $14^{\circ}15' E$.

100.00 Seb granite stone $12 \times 9 \times 6$ in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$ and
on the W. build out of earth
2 ft. high with feet 1 ft. deep
2 ft. long and 1 ft wide as
per instructions for $\frac{1}{4}$ sec. cor. No true

80.00 Seb granite stone $10 \times 8 \times 9$ in. $\frac{2}{3}$
in the ground notched S. & E.
and on the W. build out of earth
2 ft high with feet 1 ft deep 2 ft.
long and 1 ft wide as per in-
structions for the cor. to secs. 28
29, 32 & 33. No true

Hilly & broken Soil 3rd rate. No true
Further W. the line becomes
unpracticable, so I run W. from here.

Township 7 S. Range 20 East

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Gila and Salt River Meridian

BOOK

North between Secs. 28 & 29

Var. $14^{\circ}15'$ East.

40.00 Set a granite stone $11 \times 8 \times 6$ in
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
 and on the N. build $\frac{1}{2}$ of
 earth 2 ft. high with pits 1 ft.
 deep 2 ft. long and 1 ft. wide
 as per instructions for $\frac{1}{4}$ sec. cor.
 No trus near

80.00 Set a post 4 ft. long 3 in. marked
 and notched, 1 ft. in the ground,
 drive charred stake and build
 $\frac{1}{2}$ of earth 2 ft. high with pits
 1 ft. deep 2 ft. long and 1 ft. wide
 as per instructions for the cor. to
 secs. 20, 21, 28 & 29, from which
 a ¹/₂ foot tree Hinduam. brs N. 86 E. 190 lbs. dist.
 a Mesquite " 5 " " " 217 W. 92 " "
 No other trus near
 Descending N. Soil 2nd rate scattering trus

Township 7 S. Range 20 East
Gila and Salt River Meridian

West between Secs. 20 & 29
Var. $14^{\circ} 15' E.$

40.00 Set a granite stone $12 \times 8 \times 6$ in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
and on the N. build up of
earth 2 ft. high with feet 1 ft.
deep, 2 ft. long and 1 ft. wide
as per instructions for $\frac{1}{4}$ sec.
Cor. No trees

80.00 Set a granite $10 \times 8 \times 7$ in.
 $\frac{2}{3}$ in the ground, notched
S. & E. and on the N. build
up of earth 2 ft. high with
feet 1 ft. deep 2 ft. long and
1 ft. wide as per instructions
for the cor. to secs. 19, 20, 29, & 30
No trees

Rolling hills. Good pasturage
No timber of any consequence
Further W. the line is impracticable

Township 7 S. R. 20 East

Gila and Salt River Meridian

North between Secs. 19 & 20

Var. $14^{\circ}15' E.$

- 40.00 Set a granite stone $13 \times 10 \times 6$ in
 $\frac{1}{3}$ in the ground, marked $\frac{1}{4}$
 and on the N. build mid. of earth
 $2\frac{1}{2}$ ft high, with pits $1\frac{1}{2}$ ft. deep
 $2\frac{1}{2}$ ft. long and $1\frac{1}{2}$ ft wide as per
 instructions for $\frac{1}{4}$ sec. cor.
- 80.00 Set a post $4\frac{1}{2}$ ft. long, sq'd 3 in. marked
 and notched, $1\frac{1}{2}$ ft. in the ground
 drive charred stake, and build
 mid. of earth $2\frac{1}{2}$ ft. high with pits
 $1\frac{1}{2}$ ft. deep $2\frac{1}{2}$ ft long and $1\frac{1}{2}$ ft wide
 as per instructions for the cor. to
 Secs. 17, 18, 19 & 20. from which
 a Mesquite line is drawn, brs $S 57\frac{1}{2}^{\circ} W. 114$ the dist.
- do. 10 " " " $N 85^{\circ} E 290$ " "
- No other trees near
 Rolling good grass. Scattered
 trees.

Township 7 S. Range 20 East,

Gila and Salt River Meridian

West between Secs. 18 & 19

Var. $14^{\circ}15' E.$

40.00 Set a granite stone $10 \times 8 \times \frac{1}{2}$ in.
 $\frac{2}{3}$ in the ground, marked
 14, and on the W. build end of
 earth 2 ft high, with pits 1 ft
 deep, 2 ft long and 1 ft wide
 as per instructions for $\frac{1}{4}$ sec. cor.
 No trees near.

80.00 Set a granite stone $12 \times 10 \times 6$ in
 $\frac{2}{3}$ in the ground, marked 11,
 & S. and on the N. build end of
 earth 2 ft high with pits 1 ft
 deep 2 ft long and 1 ft wide
 as per instructions for the cor.
 to secs. 13, 18, 19 & 24 No trees.

Rolling grassland. Scattering
 trees.

West Boundary $\frac{1}{4}$ S. Range 20 East

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Gila and Salt River Meridian

BOOK

North on the W. boundary, Sec. 18

Var. $14^{\circ}12'$ East

as per Solar Compass

40.00 Set a granite stone $10 \times 8 \times 8$ in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
 and on the N. build end. of earth
 2 ft. high, with pits 1 ft. deep
 2 ft. long and 1 ft. wide as per
 instructions for $\frac{1}{4}$ Sec. cor.
 No trees. This is on S. side of canon.

+ 55.10 Dry wash 60 ft. wide runs S. E.

80.00 Set a granite stone $12 \times 6 \times 4$ in. $\frac{2}{3}$
 in the ground, marked $\frac{1}{4}$
 and on the N. build end. of earth
 2 ft. high with pits 1 ft. deep
 2 ft. long and 1 ft. wide as per
 instructions for the cor. & secs.
 $\frac{1}{2}$, 12, 13 & 18 No trees

Adly broken out. Good pasture
 No timber

West Budry Sp. of S. Range 20 E.
 Gib and Salt River Meridian

North on W. budry of 7
 Var. 147 $^{\circ}$ 12' E.

140.00 Set a granite stone 10x8x6 in.
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
 and on the N. build mg. of
 earth 2 ft. high, with pits 1 ft.
 deep 2 ft. long and 1 ft. wide
 as per instructions for $\frac{1}{4}$ sec. cor.
 No trees.

@4.50 Enter valley, by N.W.

80.00 Set a post, 4 ft. long, sq'd 3 in.
 marked and notched, 1 ft. in the
 ground, drive charred stakes
 and build end of earth 2 ft high
 with pits 1 ft. deep 2 ft long and
 1 ft. wide as per instructions for
 the cor. & secs. 16, 17 & 18 from which
 a mesquite 8 in diam. is 53 $\frac{1}{2}$ W. 138 lbs. dist.
 do. 12 " " " 429 W. 111 " "
 do. 5 " " " 510 E. 88 " "
 do. 6 " " " 446 E. 160 " "

Rich bottom land on N. scattering timber

Oct. 22, 1877

West Budry Tp. T.S.R. 20 East
Sils and Salt River Meridian

North on W. budry Sec. 6
Cor. $14^{\circ} 12' E.$

- 24.60 Arwaipai Creek @ 20 fms. wide runs N.W.
- 40.00 Sila post $4\frac{1}{2}$ ft long flattened 3 in wide
1 ft in the ground, marked "S. drive
charred stake, and build md. of
earth 2 ft. high with pits 1 ft. deep
2 ft. long and 1 ft. wide as per
instructions for "H sec. cor", from which
a Parasit tree Indian. brs $N 45^{\circ} E$ 27 fms. dist.
No other tree near.
- 42.60 Road down the Arwaipai brs W. of N.
- 80.00 Sila post $4\frac{1}{2}$ ft long sqid 4 in marked
and notched, 1 ft. in the ground
drive charred stake, and build
md. of earth $2\frac{1}{2}$ ft. high with pits
1 ft. deep, 2 ft. long and 1 ft. wide as
per instructions for the Cor. to Tps. 6 & 7 S.
Rs. 19 & 20 E. from which
a Pisote 8 in Indian. brs $N 50^{\circ} E$ 90 fms. dist.
a "do 4" " " $S 5^{\circ} E$ 31 " "
a "mosquit 6." " " $N 36^{\circ} W$ 177 " "
Rich bottom land scattering timber.

North Bendry Sp. of S. Range 20 E,
Gila and Salt River Meridian

East on the N. bendry of Sec. 6
Cor. 1/2° East
As per Solar Compass

- 6.50 Leave the bottom, box NW,
40.00 Set a granite stone 12x10x8 in. $\frac{2}{3}$ in
the ground marked $\frac{1}{4}$, and on the
E. build end of earth 2 ft high, with
pits 1 ft deep 2 ft long and 1 ft wide,
as per instructions for the $\frac{1}{4}$ Sec. 200.
No trees
67.25 Dry wash 20 lbs. wide runs S.
73.50 Enter little lateral valley runs SW
80.00 Set a granite stone 14x12x10 in. $\frac{2}{3}$
in the ground, notched E. SW, and
on the E. build end of earth 2 ft high
with pits 1 ft deep 2 ft long & 1 ft wide
as per instructions for the cor & Secs. 5, 6, 31 & 32
from which
2 Hackberry 6 in diam. brs 89° E. 38 lbs. dist.
Oak tree 10 " " " 71.58 E. 162 " "
do 10 " " " 416 E 154 " "
No other trees near.
Good bottom land on extreme W. Some trees.

North Dudley Sp. 7 S. R. 20 East

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Gila and Salt River Meridian

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East on the N. Dudley of Sec. 5
 Var. 14° East

140.00 Set a granite stone $11 \times 8 \times 6$ in
 $\frac{1}{3}$ in the ground, marked $\frac{1}{4}$
 and on the E. build end of earth
 2 ft. high with feet 1 ft. deep, 2 ft.
 long and 1 ft. wide as per instruc-
 tions for the $\frac{1}{4}$ sec. cor. No trees

80.00 Set a granite stone $13 \times 10 \times 6$ in
 $\frac{2}{3}$ in the ground, notched E & W,
 and on the E. build end of earth
 2 ft. high with feet 1 ft. deep, 2 ft.
 long and 1 ft. wide as per in-
 structions for the cor. & secs.
 4, 5, 32 & 33. No trees

Rolling grassland.
 Scattering trees.

North Boundary. Twp. 4 S. Range 20 East.
 Gila and Salt River Meridian

East on the N. boundary of Sec. 4,
 Plat. 14° East.

40.00 Set a granite $11 \times 10 \times 6$ in. $\frac{2}{3}$
 in the ground, marked "4" and on
 the E. by side end. of earth 2 ft. high
 with pits 1 ft. deep 2 ft. long and
 1 ft. wide as per instructions for
 "4 sec. cor. No trees near.

80.00 Set a granite stone $12 \times 9 \times 5$ in.
 $\frac{2}{3}$ in the ground, notated E. 20°
 and on the E. by side end. of
 earth 2 ft. high with pits 1 ft.
 deep, 2 ft. long and 1 ft. wide
 as per instructions for the cor. to
 Secs. 3, 4, 33 & 34. No trees.

High, hilly becoming precipitous
 Some grass. No timber of
 any consequence.

Further E. the line becomes imprac-
 ticable.

Oct. 23, 1877

East Budry Sp. & S. R. 19 East.
Gila and Salt River Meridian

From the cor. to Sps. & S. R.
19 & 20 E. I run
North on the E. budry of Sec. 36
Var. 74° E.

As per Solar Compass.

Set a post 4 ft. long, flattened 3 in
wide, marked $\frac{1}{4}$ S. 1 ft in the ground
drive charred stake and build ind. of
earth 2 ft. high with pits 1 ft deep, 2 ft
long and 1 ft wide as per instructions
for $\frac{1}{4}$ sec. cor. from which

A Mesquite tree 10 in diam, brs S. 42° E. 208 lbs. dist.

No other trees near.

50 Leave bottom
00 Set a granite stone 15 x 14 x 12 in - $\frac{2}{3}$ in
the ground, notched N. & S. and per the
N. build ind. of stone 2 ft. high as
per instructions for the cor. to
Secs. 25, 30, 31 & 39 from which
A mesquite 6 in. diam. brs S 22 $\frac{1}{2}$ E. 196 lbs. dist.
do. 4 " " " S 60 W. 127 " "

No other trees near.

Mostly good bottom land.
Scattering trees

East Budry Sp. 6 S. R. 19 East

Gila and Salt River Meridian

North on the E. Budry Sec. 25
Var. 14° E.

40.00 Set a post 4 ft. long flattened 3
in. wide, marked 4 S. 1 ft in
the ground, drive charred stake, and build
out of earth 2 ft high with pits 1 ft deep
2 ft long and 1 ft wide as per instructions
for 4 sec. cor. from which
A mesquite 20 in. diam brs N. 30° W. 20 lbs dist.
do. 6 " " N 35 E. 84 " "

80.00 Set a post 4 ft. long 3 in. sq id, marked
and notched, 1 ft in the ground, drive
charred stake and build out of earth
2 ft. high, with pits 1 ft. deep 2 ft long
and 1 ft wide as per instructions for
the Cor. to sec. 19, 24, 25 & 30, from which
A Mesquite tree 10 in. diam. brs S 12° W. 38 lbs. dist.
do. 8 " " S 72 1/2 E. 114 " "
do 13 " " N 56 1/2 W. 43 " "

No other trees near
Rolling hills. Grass & brush. Some trees

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East Budry Twp. S. Range 19 E.

Gila and Salt River Meridian

North on the E. Budry Sec. 24
 Var. 14° E.

- 760 Drywash 40 ft wide bet W. of M,
 1.00 Elque valley runs SW, into Arrowpai
 0.00 Set a granite stone $12 \times 10 \times 8$ in. $\frac{2}{3}$ in
 the ground, marked $\frac{1}{4}$ and on the
 N. build ind. of earth 2 ft high with
 pits 1 ft. deep 2 ft long and 1 ft. wide
 as per instructions for $\frac{1}{4}$ sec. cor. No trees
 80.00 Set a granite stone $14 \times 12 \times 8$ in.
 $\frac{2}{3}$ in the ground, notched M. & S.
 and on the N. build ind. of earth
 2 ft high with pits 1 ft. deep 2 ft long
 and 1 ft wide as per instructions
 for the cor. to secs. 13 18 19 & 24
 from which
 A mesquite 8 in diam, bps 5450, 86 lbs. dist.
 do 10 " " E. 95 20. 295 " "
 No other trees near.
 Belly. good pasture. Scattering trees & brush

East Budry Tp. 6 S. Range 19 East
Gila and Salt River Meridian

North on the E. Budry Sec. 13
Twp. 14° E.

40.00 This is remote from timber and is
destitute of stone of the required size
So I deposit small marked stone and
build up of earth 2 ft high with pits
1 ft deep 2 ft long and 1 ft wide as per
instructions for 1/4 Sec. corner

No fees

80 Set a granite stone 21 x 9 x 7 in. 4 in
the ground. notched N. & S. and on
the N. build up of earth 2 ft high
with pits 1 ft deep. 2 ft long & 1 ft wide
as per instructions for the cor. to Secs.

12, 13 & 18 Not to be made.

This is in a ravine to the S. W. of Brown
mountain. It is impracticable
to run further north on account
of the precipitous impassable nature
of the ground.

South Budry Tp. S. R. 19 East
Gila and Salt River Meridian

From the cor. to Tps 6 & 7 S. R. 19
& 20 E. Iron

West on the S. budry of Sec. 36
Var 14° E.

As per Solar Compass

- 30.20 Road down the Arroyo pai bro. NW.
40.00 Set a post 4 ft. long flattened 3 in. wide
marked $\frac{1}{4}$ S. 1 ft in the ground, drive
charred stakes and build end of earth
2 ft high with pits 1 ft. deep, 2 ft long
and 1 ft wide as per instructions for $\frac{1}{4}$ Sec. cor.
No trees near. A small house bro. $N. 8\frac{1}{2}^{\circ}$ W,
about 18 chs. dist.
48.00 Arroyo pai Creek 42.5 the wide runs NW
69.00 Leave the bottom and ascend bridge
80.00 Set a granite stone 12 x 10 x 6 in. $\frac{1}{2}$ in
the ground notched E. & W, and on the
W. build end. of earth 2 ft high with
pits 1 ft. deep 2 ft. long & 1 ft wide as per in-
structions for the cor. to secs. 1, 2, 35 & 36
Mostly rich bottom land [No trees.
No timber.

South Endry of T^h. 6 S R. 19 E.
Gila and Salt River Meridian

West on the S. Endry of Sec. 35
Lat. 14° E.

- 40.00 Set a granite rock, 12x10x10 in
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$
and on the W. build end of earth
2 ft high with pits 1 ft deep
2 ft long and 1 ft wide as per in-
structions for $\frac{1}{4}$ sec. cor. No trees near.
- 80.00 Set a granite stone 20x16x14 in
 $\frac{3}{4}$ in the ground, notched E & W,
and on the W. build end of stones
2 ft high as per instructions for
the cor. to secs. 2, 3, 34 & 35,
No trees near.

High ridges and hills. Soil
good rate. Grass. No timber

South Budry Sp. 6 S Range 19 E,
Gila and Salt River Meridian

West on the S. Budry of Sec. 34
Cor. 14° East,

40.00 Set a granite stone $15 \times 10 \times 8$ in. $\frac{2}{3}$
in the ground marked $\frac{1}{4}$, and
on the W. build up of stones
2 ft. high as per instructions
for $\frac{1}{4}$ sec. cor. from which
a Juniper tree in diam. hrs 585 E. 116 lbs dist.
do. " " " 475 E. 205 " "

Further West the line becomes
impracticable on account of
impassable box cañons running
north into the Arroyo pai Cañon.

October 29, 1877

General Description.

The foregoing exterior boundaries lie on hilly or rolling ground, except where they cross the valley. There is generally very good pasture age on these hills, but little timber some brush.

Theodore F. White
U.S. Deputy Surveyor

Oct. 29, 1847

List of Names.

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 exterior
boundary lines of Townships
8 South Range 21 East, of 7 South
Range 20 East and 6 South Range
19 East, Gila and Salt River
Meridian.

Showing the respective capacities in which they
acted.

Lynne Wakefield Chainman.

Chas. B. Warren Chainman,

Fred. C. Jones Axeman.

J. P. Cheweth Flagman.

Final Oath of Assistants.

We hereby certify that we assisted Theodore
H. White U. S. Deputy Surveyor, in
 surveying the exterior boundary
lines of Townships 8 South
Range 21 East, 7 South Range
20 East and 6 South Range
19 East, 5th 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.

- Lyman Warwick Chainman.
- Chas. P. Warren Chainman,
- Fred. L. Jones Axeman.
- J. P. Chenoweth Flagman.

Sworn to and subscribed before me, this 3rd
 day of November, 1877

----- William J. Albion
Notary Public

Final Oath of Deputy Surveyor.

I, Theodore F. White

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.....day of.....

187... 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 exterior boundary lines of Townships 8 South Range 21 East, 7 South Range 20 East and 6 South Range 19 East, Gila and Salt River Meridians

..... 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.

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Theodore G. White

Deputy Surveyor.

Sworn to and subscribed before me, this 3rd day of November, 1874

William B. Stern
Notary Public

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Preliminary Oaths of Assistants.

BOOK 1573

We, Lyman Wakefield
and Chas. B. Warren

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.

Lyman Wakefield
Chas B Warren

Sworn to and subscribed before me, this 29
day of September, 1877

William J. Osborn
Notary Public



We, *Fred. C. Jones*
J. P. Chenoweth

do solemnly swear that we will well and truly per-
form the duties of *Axeman*
and flagman respectively
according to instructions given us, and to the best
of our skill and ability.

Fred. C. Jones
J. P. Chenoweth

Sworn to and subscribed before me this *29*
day of *September*, 187*7*

William J. Albion
Notary Public



Tranquilization from a point in
 the Public Surveys along the
 Arriwaipai Cañon to a point
 along the San Pedro valley to
 determine a starting point for
 the surveys along this latter valley.

I commence at a point on a
 knoll, well situated for taking
 the observations I want, and
 which is 47.96 chs. North and
 32.63 East of the cor. to Secs.
 $17, 18, 19$ & 20 in township
 6 South of Range 19 East
 of the Gila and Salt River
 Meridians, and lay off a
 base line, by very care-
 ful measurement,
 $N 29^{\circ} 47' W$. Var. $14^{\circ} 05' E$
 as per Solar Compass,
 179 chains to a suitable

Trangulation, from Arrivipai
to San Pedro.

^{place}
for observing the triangulation
points.

From the initial point of
the base line I observe a
sharp very well defined rock
on extreme N. end of Table
Mountain to the S.W. This
point of rock bears from
the initial point of base line
 $S 49^{\circ} 14' W$.

A second ^{point}, which I observe as
a check on the first, bears
from the initial point of base
line $S 57^{\circ} 21' W$.

From the terminal point
of the base line the first
point of rock bears
 $S 34^{\circ} 56' W$. The 2nd point bears
 $S 37^{\circ} 20' W$.

Triangulation, from Arruwaipai
to San Pedro.

From these observations we
find by calculation that the
first mentioned point of rock
is 655.28 chs. $S49^{\circ}14'W$, from
the initial point of the base
line, which I will here designate
as the Arruwaipai Base Line.

I now proceed to the
San Pedro Valley to the west,
and selecting ground where
I have the points on Table
Mountain, now to the N.E. in about
the same profile as I had them
on the other side, I measure
very carefully a base line
which I will call the San Pedro
Base Line, $Var. 14^{\circ}25'E. Sol. Comp.$
 $S20^{\circ}30'E. 240. chains$
From the initial point

Triangulation, from Arrivaipai
to San Pedro.

of the San Pedro Base line
the first mentioned point
of rock bears

N. 53° 43' E. the 2nd point bears
N. 57° 50' E.

From the terminal
point of San Pedro Base line
the first point of rock bears

N. 36° 52' E. the 2nd pt. bears
N. 34° 45' E.

From these observations
by calculation I find that
the first mentioned point
of rock is 796.75 Chs.

N. 36° 52' E. from Terminal
point of San Pedro Base line
a calculation of the obser-
vations ~~at~~ ^{on} the 2nd point
proves the correctness of this.

Triangulation, from Arrivaipai
to San Pedro.

Combining the Arrivaipai
triangulation and San Pedro
triangulation I find that
the terminal point of the San
Pedro Base Line is 1065.25 chs.
South and 974.31 chs. West
of the initial point of the
Arrivaipai Base Line, or
1017.29^{chs} South and 941.68 chs.
West of the cor. to secs.
17, 18, 19 & 20 in T^p. 6 South
of Range 19 East. or
allowing for convergency of
meridians, the terminal point
of San Pedro Base line is
22.71 chs. North and 14.58 chs.
E. of the cor. to secs. 19, 20, 29 & 30
in township 8 South of range
17 East of the Gila & Salt River

of
 Tranguitation, from Arrivaizpa
 to San Pedro.

Meridian

From said terminal point
 of San Pedro Base line run
 South 22.71 chs. and West
 14.58 chs. to said cor. to secs.
 19, 20, 29 & 30, of township
 8 South of Range 17 East.

Set a temporary corner
 Thence I run West

Var. $14^{\circ} 25' E.$

Chs.

49.07

As per Solar compass
 (Allowing for convergence)
 to the W. boundary of the town-
 ship. Thence

South, same variation
 160.00 to the S.W. cor of the
 township 8 South Range
 17 East. Set a granite
 Stone 20 x 14 x 9 in. $\frac{3}{4}$ in the

of
 Triangulation, from Arrivaissai
 to San Pedro.

ground notched N. S. E. & W. and
 on the N. build end. of earth
 $2\frac{1}{2}$ ft. high with pits 1 ft. deep
 2 ft long & $1\frac{1}{2}$ ft wide as per
 instructions for the cor. to town
 spikes 8, & 9 S Ranges. 16 & 17 E.
 from which
 A pale cord, 5 in. diam., was South 52 lbs. dist.
 No other trees near.

I pursued the above
 method of obtaining a start-
 ing point for the San Pedro
 Survey from the surveys com-
 pleted along the Arrivaissai
 because the intervening ^{ground} can
 not be chained over with
 any approximation to ac-
 curacy, on account of
 its extremely broken &
 precipitous nature.

Triangulation, from Arroyo Viejo
to San Pedro.

The foregoing triangulation
was commenced on the
afternoon of Nov. 3, 1877
and completed Nov. 5th 1877.

Thos. F. White
U. S. Deputy Surveyor.

BOOK 1573

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 lines to determine a starting point for Surveys on the San Pedro by triangulation from the Arrwaisai Surveys.

Showing the respective capacities in which they acted.

- Lyman Wakefield Chainman.
- Chas. B. Warren Chainman,
- Fred. C. Jones. Axeman.
- J. P. Chenoweth Flagman.

54D

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.

Theodore F. White

Deputy Surveyor.

Sworn to and subscribed before me, this *6th* day of *November*, 187*7*.

William Osborn
Notary Public



South Boundary of Twp. 8 S. Range 17th E.
Gila and Salt River Meridian

It being necessary, to accommodate settlers along the San Pedro, to extend the survey further South than Township 8 South Range 17th E. and in order to get the lines in better shape, for present and future surveys I extend a line to the Second Standard South and extend this across the valley to obtain a base & work from as follows:-

Starting from the cor. to townships 8 & 9 South, Range 16 & 17th E. as established by Deputy Surveyor Thos. J. White and run along the South boundary of township

South Boundary Sp. & S Range 1st E,
Gila and Salt River Meridian

& South Range 1st E; —

East on S. boundary Sec. 31

Var. 14° 40' E.

As per Solar Compass.

0.00

Set a granite stone 13 x 8 x 7 in. $\frac{2}{3}$ in
the ground, marked $\frac{1}{4}$, and on the E. build
ind. of earth 2 ft. high with pits
1 ft. deep, 2 ft. long & 1 ft. wide as per in-
structions for $\frac{1}{4}$ sec. cor. No trees.

80.00

Set a granite stone 17 x 14 x 7 in. $\frac{2}{3}$ in
the ground, notched E. & W. & on the E. build
ind. of earth 2 ft. high with pits 1 ft. deep
2 ft. long & 1 ft. wide as per instructions
for the cor. to secs. 5, 6, 31 & 32, from which
a paloverde 4 in. diam. br S 45 E. 38 fms. dist.

do 5 in. " " N 50 E 157 " "

No other trees. Rolling, good
Grass. Scattering trees.

South Boundary T¹ & S. R. 17¹/₂ E.
Gila & Salt River Meridian

Easton S. boundary, Sec. 32

Var. 14°40' E.

40.00 Set a post 4 ft long flattened 3 in wide
marked "45" 1 ft in the ground.
A pine charred stake and build a
square of earth 4 ft high with pits 1 ft deep
2 ft long & 1 ft wide as per instruc-
tions for 1/4 sec. cor. from which
a paleo-wood tree 6 in diam. has W. 84 W & 1/2 per cent.
No other tree near.

80.00 Set a granite stone 14 x 12 x 8 in. 2/3 in
the ground, notched E. & W. and on the
E. build a square of earth 4 ft high with
pits 1 ft deep 2 ft long & 1 ft wide as per
instructions for the cor. to secs. 4, 5, 32
& 33. No trees near.

Descending E. good
pasture land. No timber

South Budry, T^p. 8 S. R. 17 E.
Gila & Salt River Meridian

East on the S. Budry Sec. 33
Var. 14° 40' E.

- 35.00 San Pedro River 50 kcs wide runs N.W.
- 40.00 Set a post 4 ft. long, flattened
3 in. wide, marked "4 S. 1 ft. in
the ground, drive charred stake
and build wall of earth 2 ft. high
with pits 1 ft. deep, 2 ft. long & 1 ft.
deep as per instructions for 1/4 Sec.
Cor. ground which
A Mesquite tree, diam. bro. N 44 1/2° E 2 1/2 kcs. dist.
No other tree near.
- 44.50 San Pedro Road bro. N.W.
- 75.00 Leave bottom land, bearing N.W.
- 80.00 Set a post 4 ft. long, sq'd 3 in. marked & notched
1 ft. in the ground, drive charred stake & build wall
of earth 2 ft high with pits 1 ft. deep, 2 ft. long
& 1 ft. wide as per instructions for the Cor. to Secs.
34 33 & 34 ground which
A Mesquite tree, diam. diam. 58 1/2 W. 10 1/2 kcs. dist. No other trees.
Rich bottom land. Scattering trees.

South Boundary, T¹p. 8 S. Range 1st E.
Gila and Salt River Meridian

East on the S. boundary Sec. 34
Var. 14° 40' E.

- 40.00 Set a granite stone 11 x 7 x 8 in.
2/3 in the ground, marked 1/4
and on the E. build mid. of earth
2 ft. high with pits 1 ft. deep, 2 ft
long & 1 ft wide as per instructions
for the 1/4 sec. cor. No trees near.
- 80.00 Set a granite stone 16 x 12 x 8 in
2/3 in the ground, notched E & W,
and on the E. build mid. of stones
2 ft. high as per instructions for
the cor. to secs. 2, 3, 34 & 35
On N. side of canon. No trees.

Rolling good grazing
No timber

South Budny Tp. 8 S. R. 17 E.
Gila and Salt River Meridian

East on S. budny Sec. 35
Var. $14^{\circ}40' E$

- 40.00 Set a granite stone $12 \times 9 \times 6$ in,
 $\frac{2}{3}$ in the ground, marked $\frac{1}{4}$,
and on the E. build and of least
2 ft. high with pits 1 ft. deep
 $\frac{2}{3}$ ft. long & 1 ft. wide as per
instructions for $\frac{1}{4}$ sec. Cor. No. 12
- 80.00 Set a granite $14 \times 14 \times 8$ in. $\frac{2}{3}$ in
the ground, notched E, W, and
on the E. build and of stones
2 ft high as per instructions
for the cor. to secs. 1, 2, 35
& 36. No trees

Rolling. Good grazing
No timber.

South Bundry Tp. S. D. R. 17th E.
Gila and Salt River Meridian

East on the S. Bundry Sec. 36
Var. 140° 40' E.

440 Set a post 1 1/2 ft. long, flattened 3 in.
wide, marked 1/4 S. 1 ft. in the
ground. Drive charred stake
and build mid. of stone 2 ft. high
with pits 1 ft. deep, 2 ft. long & 1 ft.
wide as per instructions for
1/4 Sec. Cor. No trees near.

80.00 Set a granite stone 20 x 14 x 10 in. 3/4
in the ground, and on the E. build
mid. of stones 2 1/2 ft. high as per
instructions for the cor. to Town
ships 8th & 9th S. R. 17th & 18th E.
No trees near.

Broken shilly, good for
grazing. No timber.

Range Line Between Twp. 9 S. R. 17 E. 18 E.
Gila and Salt River Meridian

Range Line, Between Twp. 9 S R. 17 E 18 E,
Gila and Salt River Meridian

South between Secs. 1 & 6

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

- 40.00 Set a granite stone $18 \times 10 \times 6$ in. $\frac{3}{4}$ in.
in the ground, marked $\frac{1}{4}$, and on the
S. build a wall of stones 2 ft. high as per
instructions for $\frac{1}{4}$ sec. cor. No trees.
- 80.00 Set a post 4 ft. long, sq'd 3 in. marked
& notched 1 ft. in the ground, drive
charred stake & build wall of earth
2 ft. high with pits 1 ft. deep, 2 ft. long
& 1 ft. wide as per instructions for
the cor. to secs. 1, 6, 7 & 12. No trees.

Broken. Good grazing
No timber

Range Line, Between T^h 9 S. R. 17 E. 18 E.,
Gila and Salt River Meridian

South between Secs. 7 & 12
Var. 14° 30' E.

40.00 Set a granite stone 11 x 8 x 4 in. ³/₄
in the ground, marked '4, and
on the S. build mid. of earth
2 ft. high with pits 1 ft. deep, 2 ft.
long & 1 ft. wide as per instruc-
tions for '4 sec. cor.

80.00 Set a granite stone 24 x 13 x 10 in. ³/₄
in the ground, notched N. & S,
and on the S. build mid. of stones
2 ft. high as per instructions for
the cor. to Secs. 7, 12, 13 & 18
from which
A pale oyle 4 in diam. brs 9 186 ³/₄ 10. (C. C. K. det.)
No other trees
Hilly, broken. No timber
Good for grazing

Range Line, Between Rs 178 & 18 E. T₄ P. 9 S.

Gila and Salt River Meridian

South between Secs. 13 & 18

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

- 40.00 Sepa post $4\frac{1}{2}$ ft. long, flattened 3 in. wide, marked $\frac{1}{4}$ S. $\frac{1}{4}$ in the ground; drive Charned stake and build out. of earth 2 ft. high with pits 1 ft. deep, 2 ft. long & $\frac{1}{4}$ ft. wide as per instructions for $\frac{1}{4}$ sec. cor. This is in the hills E. of valley. No trees near.
- 44.50 Dry bed, of stream 50 kds. wide runs S.W.
- 80.00 Sepa granite $26 \times 16 \times 16$ in. $\frac{3}{4}$ in the ground, notched N. & S. and on the S. build out. of earth 2 ft. high with pits 1 ft. deep, 2 ft. long & $\frac{1}{4}$ ft. wide as per instructions for the cor. to secs 13, 18, 19 & 24. No trees near.
- Broken. Considerable Grass.
No timber.

Range Line, Between $\frac{1}{2}$ Sec. 9 S. R. 5, 17 & 18 E.
 6th and Salt River Meridian

South between Secs. 19 & 24
 Twp. 14° 30' E.

40.00 Set a granite stone 12 x 10 x 8 in. $\frac{2}{3}$
 in the ground, marked "4" and
 on the S. build end of stones 2 ft.
 high as per instructions for "4"
 sec. cor. On side of hill, E. side
 of valley. No trees near.

80.00 Set a granite stone 16 x 14 x 6 in.,
 $\frac{2}{3}$ in the ground, notched N. & S.,
 and on the S. build end of
 stones 2 ft. high as per instruc-
 tions for the cor. to Secs. 19, 24, 25
 & 30. No trees near.

Some good land. No timber

Range Line, Between T^p. 9 S. R. 17 & 18 E.
Gila and Salt River Meridian

South between Secs. 25 & 30

Var. 14° 30' E.

- 13.25 Enter bottom land of San Pedro valley
- 4.50 San Pedro Road hrs. N.W.
- 40.00 Suba post 4 ft. long, flat top 3 in. wide, marked N.S. 1 ft. in the ground; drive charred stake and build mid. of earth 2 ft. high with pits 1 ft. deep, 2 ft. long & 1 ft. wide as per instructions, from which
 a Cottonwood tree 24 in. diam. hrs 83 ^{in.} 27 1/2 kts. dist.
 a Willow tree 3 in. diam. hrs 87 1/2 W 54 kts. dist.
- 70.00 San Pedro River 50 kts. wide runs N.W.
- 80.00 Suba post 4 ft. long, sqid 3 in. marked & notched, 1 ft. in the ground, drive charred stake & build mid. of earth 2 ft. high with pits 1 ft. deep 2 ft. long & 1 ft. wide as per instructions for the corner
 Secs. 25, 30, 31 & 36. from which
 a Cottonwood tree 15 in. diam. hrs N 68 E. 350 kts. dist. No others.
- Good bottom land. Some timber along river.

Ranger Line, Between Twp. 9 S. R. 17 & 18 E.,
Gila & Salt River Meridian

South between Secs. 31 & 36

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

- 2.00 Leave bottom land
- 40.00 Set a post $4\frac{1}{2}$ ft. long, flattened 3 in. wide, marked $\frac{1}{4}$ S. $1\frac{1}{2}$ ft. in the ground, drive charred stake & build rd. of earth $2\frac{1}{2}$ ft. high, with pits $1\frac{1}{2}$ ft. deep, 2 ft. long & $1\frac{1}{2}$ ft. wide as per instructions for $\frac{1}{4}$ sec. cor. from which
- a pale verde tree 6 in. diam, brs S $52^{\circ}\frac{3}{4}$ W. $11\frac{1}{2}$ fms. dist.
- do 4" " " " N $68^{\circ}\frac{1}{2}$ E. 14" "
- 48.75 Dry wash 2.5 fms. wide runs E.
- 80.00 Set a post $4\frac{1}{2}$ ft. long sq'd 4 in. marked & notched, $1\frac{1}{2}$ ft. in the ground, drive charred stake & build rd. of earth $2\frac{1}{2}$ ft. high with pits $1\frac{1}{2}$ ft. deep, 2 ft. long & $1\frac{1}{2}$ ft. wide as per instructions for the cor. to townships 9 & 10 S. R. 17 & 18 E. No trees near.
- Some good land Brush & scattering trees
- November 6, 1877

Range Line, Between Twp. 10 S., R. 17 E., 18 E.
Gila & Salt River Meridian

South between Secs. 1 & 6

Var $14^{\circ} 28' E.$

as per Solar Compass.

31.50

Dry wash 50 fms. wide runs S.

40.00

Set a post 4 ft. long, flattened 3 in. wide
marked $4^{\circ} S. 1^{\circ} E.$ in the ground. Drive
charred stake & build ind. of earth 2 ft.
high with pits 1 ft. deep 2 ft. long &
1 ft. wide as per instructions for $\frac{1}{4}$ sec.
cor. from which

a pole 5 in. diam. hrs \$20.00, 4 fms. dist.

48.50

Dry wash 50 fms. wide runs N. E.

80.00

Set a granite stone $14 \times 11 \times 8$ in $\frac{2}{3}$ in
the ground, notched N. & S. and on the S.
build ind. of stones 2 ft. high as per
instructions for the cor. to Secs.

1, 6, 7 & 12 from which

a pole 7 in. diam. hrs \$48.00 62 fms. dist.

No other trees

Relly. Good pasture & scattering trees.

Range Line, Between Twp. 10 S., R. 17th & 18th E.,
Sida & Salt River Meridian

South between Secs. 7 & 12
Twp. 14th & 8th E.

40.00 Sida granite stone 18 X 10 X 6 in. $\frac{3}{4}$
in the ground, marked $\frac{1}{4}$ and
on the S. build. and on earth 2 ft.
high with pits 1 ft. deep 2 ft.
long & 1 ft. wide as per instruc-
tions for $\frac{1}{4}$ sec. cor. from which
a Mesquite tree 12 in. diam. by S. 10, 20° 7' 30" dist.
No other tree near.

48.25 Dry wash 20 lbs. wide runs N. E.

80.00 Sida granite stone 18 X 12 X 8 in.
 $\frac{3}{4}$ in the ground, notched S. & N.
and on the S. build. and on stones
2 ft. high with pits 1 ft. deep 2 ft.
long & 1 ft. wide as per instruc-
tions for the cor. to secs 7, 12, 10 & 18
No trees.

Some broken. Grass No timber

Range Line, Between 2^{d} 10 S. R. 17 & 18 E.
Gila & Salt River Meridian

South between Secs. 13 & 18
Var. $14^{\circ} 28' E.$

10.25 Dry wash 100 lbs. wide runs N. E.

40.00 Set a granite stone $10 \times 13 \times 11$ in. $\frac{3}{4}$ in
the ground, marked $\frac{1}{4}$ and on the
S. build end. of stones $2\frac{1}{2}$ ft high as
per instructions for $\frac{1}{4}$ sec. cor.
No trees.

59.20 Dry wash 25 lbs. wide runs N. E.

80.00 This falls inside of dup wash flowing S. E.
Soil set witness cor. 50 lbs. N. on high
bank. Set a granite stone $24 \times 14 \times 12$
in. $\frac{3}{4}$ in the ground, notched N. & S.
and on the S. build end. of stones
 $2\frac{1}{2}$ ft high as per instructions for witness
Cor. to cor. to Secs. 13, 18, 19 & 20 from which
a pale verde true line, diam. hrs $55^{\circ} E.$, 55 lbs. dist.

Broken soil 3 or 4 ft. Scattering grass

Ranger Line, Return Sp. 10 S. R. 17th 18th E.

Gila & Salt River Meridian

South between Secs. 19 & 24

Var. 14th 28th E.

0.25 Enter little valley brs. N. E.

81.40 Leave same.

40.00 Set a granite stone 10x8x8 in. $\frac{2}{3}$
in the ground, marked $\frac{1}{4}$ and
on the S. build end, open to the N. E.
high with pits 1 ft. deep, 2 ft.
long & 1 ft. wide as per instruc-
tions for $\frac{1}{4}$ sec. cor. No trees.

80.00 Set a granite stone 12x8x7 in.
 $\frac{2}{3}$ in the ground, marked N. & S. and
on the S. build end, open to the N. E.
high with pits 1 ft. deep, 2 ft. long &
1 ft. wide as per instructions
for the cor. to secs 19, 24, 25 & 30
No trees.

Broken. Good for grazing No hunter

Ranqueon, Betw 2^d. 10 S. Rs. 17 & 18 E.
Gila & Salt River Meridian

South between Secs. 25 & 30
Twp. 14th 8 E.

25, 25 Dry wash 25 lbs. wide runs N. E.

40.00 Set a granite stone 17x10x6 in. $\frac{1}{2}$ in
the ground, marked $\frac{1}{4}$, and on the S
build mid. of stones 2 ft high as per
instructions for $\frac{1}{4}$ sec. cor. from which
A paloverde 4 in. diam. brs. N. 50 E. 36 lbs. dist.
A Mesquite 18" " " East 295" "

80.00 Set a granite stone 20x12x10 in. $\frac{3}{4}$ in
the ground, notched N. S. and on the S,
build mid. of stones 2 ft. high as per
instructions for the cor. to secs. 25, 30
31 & 36. from which
A paloverde 5 in. diam. brs S 89 W. 81 lbs. dist.
do 4 " " " S 67 $\frac{1}{2}$ E 87" "

No other trees near.

Good grazing land. Scattering
trees

Range Line, Between 2^{d} Sp. 10 S. R. 17 & 18 E.

Gila & Salt River Meridian

South between Secs. 31 & 36

Par. $14^{\circ} 28' E.$

- 40.00 Set a granite stone $18 \times 14 \times 6$ in
 $\frac{3}{4}$ in the ground, marked $\frac{1}{4}$
 and on the S. build ind. of rock 2 ft.
 high as per instructions for $\frac{1}{4}$ sec. cor. to trns.
- 60.75 Enter little valley brs. E.
- 62.50 Dry wash 40 yds. wide runs E.
- 69.50 Leave little valley
- 80.00 Set a post $4\frac{1}{2}$ ft long, sq'd 4 in.
 marked & notched, 1 ft in the ground
 drive charred stake & build ind. of
 stones $2\frac{1}{2}$ ft. high as per instruc-
 tions for the cor. to 2^{d} Sp. 10 S. R.
 17 & 18 E. on the Second Standard
 Parallel South. Not far near this
 on W. slope of long low ridge S. of deep
 gulch. — Broken, good for
 posturing to timber.

General Description

The S. boundary of Twp. 8 S., Range 17 E. and Range line between Rs. 17 & 18 E. Twp. 9 & 10 S. run to establish the 2nd Standard Parallel S. for a base for the further extension of the surveys. lie mostly on rolling land on either side of the San Pedro valley, where the lines cross the valley on the S. boundary of Twp. 8 S., R. 17 E. and on the Range line between Rs. 17 & 18 E., Twp. 9 S. there is good bottom land. On either side of the bottom is good grazing land. There is not much timber.

John L. Harris
U. S. Deputy Surveyor.

Second Standard Parallel South
 S. boundary Twp. 10 S. R. 18 E.
 Gila & Salt River Meridian

East on S. boundary of Sec. 31
 Var. $14^{\circ} 22' E.$
 as per Solar compass.

40.00 Seta granite stone $13 \times 12 \times 8$ in $\frac{3}{4}$
 in the ground, marked $\frac{1}{4}$, and
 on the N. build mid. of stones $\frac{1}{4}$ ft
 high as per instructions for $\frac{1}{4}$
 Sec. cor. No trees

80.00 Seta granite stone $18 \times 14 \times 8$ in
 $\frac{3}{4}$ in the ground, notched "E. & W."
 and on the N. build mid. of stones
 $\frac{1}{4}$ ft high as per instructions for
 the Standard Cor. to Secs. 31 & 32.
 No trees near.

Somewhat broken. No timber

2nd Standard Parallel S. S. Line of Sp.
 10 S. R. 18 E. Gita & Salt River Meridian

Easton S. Line Sec. 32

Cor 14° 22' E

1980 Dry wash 40 lbs wide runs N. E.
 40.00 Set a granite stone 20 x 13 x 10 in.
 3/4 in the ground, marked 1/4, and
 on the N. build end of earth 2 ft
 high with pits 1 ft deep, 2 1/2 ft long
 & 1 1/2 ft wide as per instructions for
 1/4 Sec. cor. from which
 a pole was 5 in diam. by N. 10 W. 26 lbs. dist.
 No other tree near.

80.00 Set a granite stone 25 x 20 x 12 in.
 3/4 in the ground, notched E. N. W.
 and on the N. build end of stone 2 ft
 high as per instructions for the
 cor. to secs. 32 & 33 on the 2nd Standard
 from which
 a pole was 4 in diameter N. 10 W. 36 lbs. dist.
 No other trees. Broken good grass. No timber

2nd Sand. Parallel S. S. boundary N. 10 S.
R. 18 E. — Glad Salt River Meridian

East on S. boundary Sec. 33
Var. $14^{\circ}22' E.$

30.00 Enter little valley hrs. E.

33.00 Dry wash 70/ks. wide runs N. E.

40.00 Set a granite $20 \times 14 \times 10$ in. $\frac{3}{4}$ in the
ground, marked $\frac{1}{4}$ out on the N.
build ind. of stones 2 ft high as per in-
structions for $\frac{1}{4}$ sec. cor. from which
a Mesquite 3 in. diam. hrs N $19\frac{1}{2}$ E. 13 $\frac{1}{4}$ ks. dist.
do. 5 " " " S 10 W. 155 " "

78.00 Enter bottom land of San Pedro valley.

80.00 Set a post 4 ft long squared 3 in. marked
& notched 1 ft in the ground, drive charred
stakes & build ind. of earth 2 ft high, with
pits 1 ft. deep 2 $\frac{1}{2}$ ft. long & 1 $\frac{1}{2}$ ft. wide
as per instructions for the Standard Cor to
Secs. 33 & 34. from which
a Mesquite 12 in. diam. hrs N 57 W. 185 lbs. dist.
do 14 " " " N 94 E. 180 " "

No other trees near. Some good land & scattering trees.

Quad Stand. Par. S., S. Sudry Δ , 10 S.
R. 18 E. — Gila & Salt River Meridian

Easton Sudry Sec. 34

Par. $14^{\circ}22'E$

37.75 San Pedro River, 75 lbs. wide runs N.W.

40.00 Sipa post 4 ft. long, 4 in. \times 13 in. wide, marked "4 S. 1 ft. in the ground; drive charred stakes and build mid. of earth 2 ft. high with pits 1 ft. deep $2\frac{1}{2}$ ft. long & $1\frac{1}{2}$ ft. wide as per instructions for 4 sec. cor. from which a Mesquite tree 10 in. diam. bns N. 88 E., 382 lbs. dist. No other tree near.

42.50 San Pedro Road, bns N.W.

44.00 Leave bottom land.

80.00 Sipa granite stone $20 \times 18 \times 8$ in. $3\frac{1}{4}$ in. the ground, notched E. & W. and on the N. build mid. of stone 2 ft. high as per instructions for the Standard Cor. to Secs. 34 & 35. No trees. This is on W. slope of hills running down to junction of two deep gulches. Good bottom land, scattering trees.

2nd Stand. Parallel S., Shundy Apr. 10
R. 18 E. — Gila & Salt River Meridian

Easton Shundy Sec. 35
Cor. 14° 22' E.

40.00 Set a granite stone 16x12x8 in. $\frac{2}{3}$ in.
in the ground, marked '4', and on
the N. build wd. of stones 2 ft high
as per instructions for '4 sec. cor. No trees
On S. E. slope of low hill.

52.25 Dry wash 50 lbs. wide runs SW.

80.00 Set a granite stone 20x16x9 in. $\frac{3}{4}$
in the ground, notched E & W, and
on the N. build wd. of stones 2 ft
high as per instructions for the Standard
to Sec. 35 & 36. No trees. On N. slope
of low point of hills.

Some broken Grass. No timber

2nd Stand. Parallel S.; Standard Sp. 10 S.,
R. 18 E. — Gila & Salt River Meridian

Easton Standard Sec. 36
Var. 14° 22' E.

40.00 Gila granite Stone 12 x 10 x 9 in. $\frac{2}{3}$ in.
in the ground, marked 4, and on
the N. build and. of earth 2 ft. high
with pits 1 ft. deep 2 ft. long & $\frac{1}{2}$ ft.
wide as per instructions for 4 sec.
cor. No trees near.

51.75
800 Drywash 5 lbs. wide runs NW;
Gila granite Stone 24 x 22 x 18 in.
 $\frac{3}{4}$ in the ground, notched N. E. & W.,
and on the N. build and. of earth
2 $\frac{1}{2}$ ft high with pits 1 ft. deep 3 ft.
long & $\frac{1}{2}$ wide as per instructions for
Standard Cor. to Sp. 10 S., R. 18. & 19 E.
No trees near. This is E. of small
canyon making from NW. and on slightly
rolling plateau to the E. of San Pedro Valley.
Some broken. No timber.

2nd Stand. Parallel S.; Study Sp. 10 S. R. 18 E.
 Sida & Salt River Meridian

General Description:

Extending the 2nd Standard Par-
 allel South, across the San Pedro
 Valley to get a base for the further
 extension of present & future sur-
 veys. It crosses the valley about
 4 miles below Redfield's place.
 Where it crosses the valley there
 is good bottom land. On either side
 it is somewhat broken but is good
 for grazing.

John L. Harris
 U. S. Deputy Surveyor.
 November 7, 1847

BOOK 1573 83
List of Names.

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 South Boundary of Twp. 8 S. Range 17 E. and Range Line between Twp. 9 & 10 S. Rs. 17 & 18 E. and the 2nd Standard Parallel South along the S. boundary Twp. 10 S. R. 18 E. Gila & Salt River Meridian.

Showing the respective capacities in which they acted.

Uman Wakefield Chainman.
Chas. B. Warren Chainman,
Fred. C. Jones, Axeman.
J. P. Chenoweth Flagman.

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BOOK 1573
Final Oath of Assistants.

We hereby certify that we assisted.....

John S. Harris U. S. Deputy Surveyor, in
surveying the South boundary of
Tps. 8 & 9 S. Rs. 17 & 18 E. and Range line between
Tps. 9 & 10 S. Rs. 17 & 18 E. on the
2nd Standard Parallel South, along
the Study of Tps. 10 S. R. 18 E.
Gila & Salt River Meridians

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.

Lynan Wakefield Chainman.
Chas B. James Chainman,
Fred Jones Axeman.
J. P. Chenoweth Flagman.

Sworn to and subscribed before me, this 8th
day of January, 1878

William J. Osborn
Notary Public

Final Oath of Deputy Surveyor.

I, John S. Harris

U. S. Deputy Surveyor, do solemnly swear that
 in pursuance of a contract with John Wasson,
 United States Surveyor-General for Arizona, bear-
 ing date the.....day of.....

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

the South Boundary of Tps. 8 & 9 S. Range
17 E., and Range line between
Tps. 9 & 10 S. Ranges 17 & 18 E., and
the 2nd Standard Parallel South
along the S. boundary of Tps. 10 S. Range 18 E.
Salado River Meridian, as are repre-

sented 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 perpet-
 uated in strict accordance with the Surveying
 Manual and printed instructions, and also in ac-
 cordance 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.

Sworn to and subscribed before me, this 8th day of January, 1878.

William P. Osborn
 Notary Public

U. S. Surveyor General's Office,

TUCSON, ARIZONA, February 28, 1878.

The foregoing Field Notes of the Survey of the
 The Exterior Boundaries of Tp.
 8 S. R. 21 E., Tp. 7 S. R. 20 E., Tp. 6 S.
 R. 19 E., Triangulation from Aawaypa to
 San Pedro, Range Line to establish 2nd Sta.
 S. Co. 2nd Sta. S., in Tp. 10 S. R. 18 E.

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Theodore F. White,

Deputy Surveyor, ^{Joint} under his contract of the 17th.
 day of July, 1877, 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 H. Wasson,
 Surveyor General.