

1975

BOOK 1975

1975

1975

4-671

FIELD NOTES

GENERAL LAND OFFICE.

THIRD STANDARD PARALLEL SOUTH
THROUGH THE
PAPAGO INDIAN RESERVATION

1975

1975

We ^{his} ~~Mateo~~ ^{Gonz} ~~Gonz~~, ^{Perra} ~~Perra~~, ^{Ousario} ~~Ousario~~

Antonio Garcia, Mound Builders

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

Mound Builders

the establishment of corners and other duties according to instructions given us, and to the best of our skill and ability,

the survey of the

Papago

San Xavier) Indian

Reservation

of the principal base and meridian in the Territory of Arizona.

^{his} ~~Mateo~~ ^{Gonz} ~~Gonz~~

^{his} ~~Perra~~ ^{mark} ~~Perra~~

^{his} ~~Ousario~~ ^{mark} ~~Ousario~~

^{his} ~~Antonio~~ ^{mark} ~~Antonio~~ Garcia

Subscribed and sworn to before me this

4th

day of

January

1885

John H. Stein

Notary Public.

We Carlos Soloncis, Jaca, Viah,
Axemen,

1AA

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

BOOK 1975

in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,
in the survey of the

Papapago (San Xavier)
Indian Reservation

of the principal base and meridian in the Territory of Arizona.

Carlos ^{his} Soloncis,
Jaca ^{my} Viah,
mark,

Subscribed and sworn to before me this 4th
day of January 1888

John H. Hoise
Notary Public.

Preliminary Oaths of Assistants.

BOOK 1975

18 H

We Francis William Oury
and Thomas Wise

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

Papago (San Xavier)
Indian Reservation

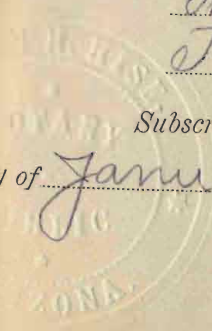
of the principal base and meridian in the Territory of Arizona.

Francis William Oury Chainman.
Thomas Wise Chainman.

Subscribed and sworn before me, this 4th

of January 1888

John H. Wise
Notary Public.



We Joseph Morton Plummer
Flagman and Levi Howell Manning Topographer

do solemnly swear that we will well and truly perform the
the duties of Flagman, and
Topographer.

BOOK 1975

in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,
in the survey of the Papago (San
Xavier) Indian Reservation

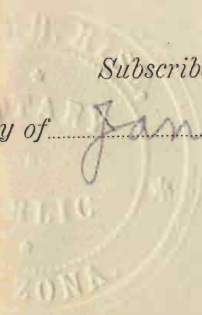
of the principal base and meridian in the Territory of Arizona.

Joseph Morton Plummer
Levi Howell Manning

Subscribed and sworn to before me this 11th

day of January 1888

John H. Wise
Notary Public.



We Lucas Matias

10
H
y

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

BOOK 1975

the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,

in the survey of the Papago (San
Xavier Reservation)

of the principal base and meridian in the Territory of Arizona.

Lucas^W Matias
may

Subscribed and sworn to before me this 10th

day of January 1888.

J. H. Klein
Notary Public.

Preliminary Oaths of Assistants.

1E

H

Mr. W. E. Sprague

and Jose Jacobosa

BOOK 1975

solemnly swear that we will well and faithfully execute the
rites of Chain Carriers; that we will level the chain over even
and uneven ground, and plumb the tally pins, either by sticking
or dropping the same; that we will report the true distance to
all notable objects, and the true length of all lines that we assist
in measuring, to the best of our skill and ability and in accord-
ance with instructions given us in the survey of the

San Xavier Indian Reser-
vation -

Territory of Arizona.

W. E. Sprague Chainman.

Jose Jacobosa Chainman.

Subscribed and sworn to before me, this 23rd

of Jan 1888

J. W. Wise

Notary Public.



16 H

BOOK 1975

INDEX

D. 15 S., R. 13 E.

┌ 31 ─ 32 ─ 33 ─ 34 ─ 35 ─ 36 ─┐
└ 18 ─ 15 ─ 12 ─ 9 ─ 6 ─ 1 ─┘

D. 15 S., R. 12 E.

┌ 31 ─ 32 ─ 33 ─ 34 ─ 35 ─ 36 ─┐
└ 30 ─ 33 ─ 31 ─ 27 ─ 24 ─ 22 ─┘

D. 15 S., R. 11 E.

┌ 34 ─ 35 ─ 36 ─┐
└ 45 ─ 42 ─ 39 ─┘

Field notes of the Re-Survey
of the
3rd Standard Parallel South
through Ranges 11, 12 & 13 East
of the Principal Base and
meridian, in the
Territory of Arizona,
as surveyed by,

 L. D. Chilson

U.S. Deputy Surveyor
under his contract No 8
of date November 30th 1887.

 Survey Commenced Jan'y 5th 1888

 Survey Completed Jan'y 6th 1888.

113rd

BOOK 1975

Standard Parallel South

Before proceeding with this work, my instrument, which is a Gurley, with improved Solar attachment, was tested on the meridian established by the U.S. Surveyor General's office, and the same was found in perfect adjustment

Not finding Standard Township Cor to Township 15 S Ranges 13 & 14 E. I began at Cor to Secs 34 & 35 which is a mesquite tree 14 in in diam and run East on a blank line for 2 miles, finding remains of old Cor to Secs 35 & 36 at 80 chains. At Point for Standard Cor to Tps 15 S Rs 13 & 14 E. I set a mesquite

through Rgs 11. 12 & 13 East

post 4 ft long 4 in squared
marked same.

S. C. 5 15 S on N.

R. 14 E. S 31 on E and

R. 13 E. S 36. P. R. (Papago Res)
on w face with 6 notches
on n e & w faces dug pits
n e & w of posts 6 ft distant
I marked a mesquit tree
16 ins diam which bears 70°
w 69 lks distant.

S. C. 5. 15 S. R. 13 E S 36 B. 5.

The old bearing trees to this
corner have all been cut
down. and evidences of
mounds & pits destroyed.

From the cor just established
and above described I run
west on a true line
on the South boundary

3rd Standard Parallel Survey

chains of sections 36 in heavy timber
Variation $13^{\circ} 10' E$ as
per observation on Polaris on
night of Jan'y 4th 1888.

2.10 Leave field and cross fence
bears $N + S$. Field belongs to
Tom Bais.

20.00 Set a post 3 ft long 3 ins
sq with charred stake 12 in
in the ground for $1/16$ Sec Cor
marked S.C. $1/16 S$ on N face
dug pits $18 + 18 + 12$ ins $E + W$
of post $5\frac{1}{2}$ ft dist and raised
a mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post
A mesquite 14 in diam bears
 $N 85^{\circ} E$ 46 lks marked S.C.
 $1/16 S.B.T$ no other trees near

25.37 old road has $S E + N W$

37.00 Leave heavy Timber

th through Rgs 11. 12 & 13 East

- 38.88 mesquite Tree 7" diam
- 40.00 Set a post 3 ft long 3 ins sq
with churred stake 12 ins
in the ground for $\frac{1}{4}$ Sec Cor
marked S.C. $\frac{1}{4}$ S on n face
dug pits 18 x 18 x 12 ins E & W
of post 5 $\frac{1}{2}$ ft distant and
raised a mound of earth
1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around
post. no trees within limits.
- 45.00 Heavy Timber
- 60.00 Set a post 3 ft long 3 ins sq
24 ins in the ground with
churred stake for $\frac{1}{16}$ Sec Cor
marked S.C. $\frac{1}{16}$ S on n face
from which
a mesquit 13" diam brs
N 60° 30' W 28 lks marked
S.C. $\frac{1}{4}$ S. B.T. a mesquit 14 ins
diam brs N 75° E 16 lks

3rd Standard Parallel South

- marked S.C. 1/4 S. B.T.
- 65.15 Mesquit Tree, 9 ins diam
- 76.25 Old road N.E. & S.W. and
Enter second growth mesquite
brush.
- 80.00 Remains of old cor to see
35 x 36 at which point I set
a post 4 ft long 4 ins sq with
churned stake 12 ins in the
ground for standard cor
to 35 x 36 marked.
- S.C. T 15 S R. 13. E on n
S 36 on E and
S 35 on w faces with one
notch on E & five notches
on w faces dug pits
18+18+12 ins nE & w of post
5 1/2 ft dist and raised a
mound of earth 2 ft high
4 1/2 ft base around post

Through Rq's 11, 12 & 13 East

chains Land level and 1st rate
Timber mesquite, and second
growth mesquite 80 chains

Thence I run west on
a true line on South
Boundary of Sec 35
Var $13^{\circ} 10' E$

20.00 Through Second growth mesquit
Set a post 3 ft long 3 ins sq
with charred stake 12 ins in
the ground for $\frac{1}{16}$ Sec cor
marked S C $\frac{1}{16}$ S on n face
dug pits 18+18+12 ins E & W
of post $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post no trees within
limits

26.00 Heavy Timber

3rd Standard Parallel South

chains

40.00

The old $\frac{1}{4}$ cor a mesquite
Tree 20 ins in diam. from
which. a mesquite 12 ins
in diam bears n 82° E
50 lks. marked
S C $\frac{1}{4}$ S. B.I.

a mesquite 14 ins in diam
bears n 40° W 12 lks marked
S C $\frac{1}{4}$ S B.I.

60.00

Set a post 3 ft long 3 ins sq
24 ins in the ground for $\frac{1}{16}$
See cor marked S C $\frac{1}{16}$ S
on n faces from which
a mesquite 12 ins diam
marked S. C. $\frac{1}{16}$ S B.I.
Bears n 59° W 33 lks
a mesquite 20 ins diam
marked S. C. $\frac{1}{16}$ S B.I.
bears N 20° E 30 lks

Through Rs 11, 12, & 13 East

Chain

- 63.50 Arroyo 20 lks wide course nsw
- 71.00 Right bank Santa Cruz River
- 72.45 Left bank Santa Cruz River course N
- 77.50 Gulch 20 ft deep 1.50 chains wide
course n.e.
- 80.00 a mesquite 14 ins diam the
old cor. The marking being
somewhat defaced I marked
S.C. T 15 S R 13 E on N
S 35 on E and
S 34 on w faces with 2
notches on E and 4 notches
on w faces from which
a mesquite 18 in diam bears
N 85° 15' W 27 lks marked
T 15 S, R, 13, E S 34 B. T.
A mesquite 14 ins diam bears
N 40° W 46 lks marked
T 15 S, R, 13, E, S, 34, B, T.

3rd Standard Parallel South

chains no other trees within limits
 Land level bottom and 1st rate
 Timber misquite and second
 growth misquite 80 chains.

Thence I run west on a
 true line on South Boundary
 of Sec 34

Var. $13^{\circ} 10' E$,

.85 Gulch 30 kts wide course
 E & W

7.50 Gulch " " " Same "
 E & W

8.35 Old Road Tucson & Sonora

14.00 " " " " "

and ascend mesa

20.00 Set a post 3 ft long 3 ins sq
 24 ins in the ground for
 1/16 Sec cor marked S.C. 1/16
 S on N face from which

Thrs, Rs 11.12, ^{1/2}nd 13, E.

chain a mesquite 6 ins diam bears
N, 89° W, 89, lks marked
S.C. 1/16 S. B.T.

a mesquit 5 ins diam bears
S 30° W 110 lks marked
S.C. 1/16 S. B.T.

30.22 a mesquit 7 ins diam

31.68 " " 4 " "

40.00 Point for 1/4 Cor as per bearing
trees cor destroyed

I set a post 3 ft long 3 ins
sq 24 ins in the ground for
1/4 Sec. Cor. marked S.C. 1/4

S on N face from which,
a mesquit 14 ins diam
bears S 17° W 40 lks marked
S.C. 1/4 S. B.T.

a mesquit 10 ins diam bears
N 49° E 69 lks marked
S.C. 1/4 S. B.T.

11

3rd

Standard Parallel South

chains
50.00

Gulch 50 lks wide course S. E.

55.00

58.00

60.00

20 " " " " " " " "

Set a post 3 ft long 3 ins sq
 24 ins in the ground for
 1/16 Sec. Cor. marked S.C. 1/16
 S. on n face. from which
 a mesquit 5 ins diam bears
 n 13° W 38 lks. marked
 S.C. 1/16 S B.J.

No other trees within limits

80.00

Old Cor not found. I set a
 post 4 ft long 4 ins sq 24 ins
 in ground for standard cor¹⁰

✓ see

33 & 34 marked S.C. T 15 S
 Range 13 E on n,
 S 34 on E end
 S 33 on w with 3 notches
 on E & 3 notches on w face
 from which
 a mesquit 12 ins diam

Thro Rs 11.12 ^{and} 13 E.

bears N $4^{\circ} 15'$ W 167 lks
 marked S.C. T 15 S R 13 E.
 S 33 B.J.

A Mesquit 14 in diam bears
 S $59^{\circ} 15'$ E 179 lks marked
 S.C. T 16 S R 13 E S 4 B.J.

no other trees within limits
 Land 14 chains level bottom
 and 1st rate 46 chains mesa
 and 2nd rate

Timber in bottom heavy
 mesquit on mesa scrubby
 mesquit

Thence I run west on a
 true line on South Boundary
 of Sec 33,

Var $13^{\circ} 10'$ E.

Level mesa

20.00 Set a Post 3 ft long 3 ins Sq

1-3

BOOK 1975

3rd - Standard Parallel South

chains with charred stake 12 ins in the ground for $\frac{1}{16}$ Sec Cor marked S.C. $\frac{1}{16}$ S on n face dug pits 18+18+12 ins E & W of post $5\frac{1}{2}$ ft dist and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post
no trees within limits

40.00 Set a post 3 ft long 3 ins. sq. with charred stake 12 ins in the ground for $\frac{1}{4}$ Sec Cor marked S.C. $\frac{1}{4}$ S on n. face dug pits 18+18+12 ins E & W of post $5\frac{1}{2}$ ft distant and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post. The bearing trees for this cor has been cut down
no trees within limits

- Through Res. 11.12^{1/2} and 13 E.
- chains
55.10 Dry wash 30 lks wide course N.E.
- 60.00 Set Post 3 ft long 3 ins sq
with charred stake 12 in in
the ground for $1/16$ sec cor
marked S $C 1/16$ S on N face
deg pits 18 + 18 + 12 ins E & W
of Post $5\frac{1}{2}$ ft dist and
raised mound of earth $1/2$
ft high $3\frac{1}{2}$ ft base around
post no trees within limits
- 60.50 Dry wash 40 lks wide
Course N.E.
- 78.10 Dry wash 50 lks wide
course N.E.
- 80.00 Set a post 4 ft long 4 in sq
with charred stake 12 in in
the ground for standard cor
to 32 & 33 marked
S.C. S 15 S R 13 E on N
S 33 on E and

3rd - Standard Parallel South

chain Sec 32 on west faces with
 4 notches on the E & 2 notches
 on the W faces dug pits
 18 + 18 + 12 ins N.E. & W of
 Post 5 1/2 ft dist and raised
 a mound of earth 2 ft high
 4 1/2 ft at base around post
 The bearing trees for this cor
 have been cut down.

No trees within limits.

Land somewhat broken 2nd rate
 Scattering mesquit trees &
 Brush 80 chains

Thence I run west on
 a true line on South boundary
 of Sec 32

Var 13° 10' E.

20.00 Set a post 3 ft long 3 in sq
 with charred stake 12 ins

Through Rs 11, 12, & 13 E.

chain in the ground for $\frac{1}{16}$ Sec cor marked S.C. $\frac{1}{16}$ S on N face dug pits $18 \times 18 \times 12$ ins E & W of post $5\frac{1}{2}$ ft dist and raised mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post no trees within limits.

30.28 Dry Wash 30 lks wide course N E

4000 The old $\frac{1}{4}$ cor still standing I reset Post 3 ft long 3 ins \varnothing 24 ins in the ground for $\frac{1}{4}$ Sec cor marked S.C. $\frac{1}{4}$ S on N face from which a Mesquit tree 12 ins diam bears N 55° E 41 lks dist marked S.C. $\frac{1}{4}$ S B.I. no other trees within limits

2.30 San Xavier Road N E & S W.

3rd Standard Parallel South

- | chains | |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 45.00 | Dry wash 1.15 chs wide course NE, |
| 48.00 | " " 1 " " course NE,
and ascend south slope of
mountain |
| 60.00 | Set a sand-stone 12 x 10 x 10 ins
10 ins in the ground for 1/16
Sec cor marked S.C. 1/16 S on N
face and raised mound of
stone alongside Pit imprac-
tiable. |
| 64.00 | Summit of ridge and des-
cend into basin |
| 80.00 | Set a sandstone 20 x 18 x 16. 10 ins
in the ground for standard
Cor to sec 31 & 32 marked
S.C. with 5 notches on the
E & one notch on the west
Edges and build a mound
of stone alongside Pit
impracticable |

BOOK 1975

Thro R's 11, 12 & 13 E.

chis The old Sec Cor was not found but the closing cor for Sec 5 & 6 T 16 S R. 13 E was found 94 lks dist and the measurement practically agreeing at 80 chs as above

I set a stone

Land 40 chs level and 2nd rate but 40 chs mountainous rocky & worthless

Scattering mesquit trees & brush 80 chs.

Thence I run west on true line on the south Boundary of Sec 31

Var $13^{\circ} 10' E$,

4.00 ascend small mountain

3rd Standard Parallel South

chas

13.00

Summit & descend

20.00

Set a Malpais Stone 10 x 12 x 14 ins 8 ins in the ground for $\frac{1}{16}$ Sec cor marked S.C. $\frac{1}{16}$ S on n face and raised a mound of stone alongside. Pits impracticable

32.00

Descend into basin

40.00

Set a Malpais Stone 20 x 14 x 16 ins 10 ins in the ground for $\frac{1}{4}$ Sec cor. Marked S.C. $\frac{1}{4}$ S on n face and raised a mound of stone alongside. Pits impracticable. The old $\frac{1}{4}$ cor could not be found.

60.00

Set a Malpais Stone 10 x 14 x 12 ins 10 ins in the ground for $\frac{1}{16}$ Sec cor

Thro Rs 11. 12. & 13 E.

Chas marked S.C. $\frac{1}{16}$ S on N face and raised a mound of stone alongside pits impracticable. ✓ +

62.00 Ascend S.W. slope of Black mountain

80.00 The old standard cor to Gps 15 S R 12 E a malpais Stone 14 + 12 + 16 with mounds of Stone alongside. Stone marked S.C. with 6 notches on the N.E. & W face

I rebuilt mound of Stone. pits impracticable

Land mountainous rocky & worthless 80. chains.

Some few palo verde trees. Sahuaras & Challas 80 chains

January 5th 1888

3rd - Standard Parallel South

chas On the night of January 5th 1888 I took an observation on the star Polaris in accordance with instructions contained in the manual of surveys and drove pickets on the line thus established. Survey commenced January 6th 1888 with a Buder Solar Transit.

Before commencing this survey I test my compass on the line established last night and find it correct and the declination to be $13^{\circ} 08'$ East.

Thro Rs 11, 12 and 13. E.

chas Thence I run west on a true line on the South Boundary of Sec 36
 Var $13^{\circ} 08' E.$

- 10.00 Summit of ridge and descend
 20.00 Set a mapais Stone $14 \times 14 \times 12$ ins 10 ins in the ground for $1/16$ Sec cor marked S.C. $1/16 S$ on n face and raised a mound of Stone alongside pits impracticable
 24.00 Gulch 2.4 lks wide course n.w.
 40.00 Remains of old $1/4$ Cor I set a mapais Stone $12 \times 14 \times 16$ ins 10 ins in the ground for $1/4$ Sec cor marked S.C. $1/4 S$ on n face and raised a mound of Stone alongside

3rd - Standard Parallel SouthChas
60.00

I set a malpais Stone
18 x 20 x 12 ins in the
ground. for $\frac{1}{16}$ Sec cor
marked S.C. $\frac{1}{16}$ S on n. face
and raised a mound of
stone alongside.
Pits impracticable.

62.00 Begin to descend N.W.
Slope of mountain.

71.00 Foot of mountain.

74.00 Old wood road. n.s.

80.00 Remains of old Sec cor
I set a post 4 ft long
4 ins sq 24 ins in the
ground for Standard cor
to Secs 35 + 36.

Marked S.C. Tps 15 S R

12 E on n

S 36. on E, and

Through Rs 11. 12 and 13. E.

chs S 35° on w faces with 1 notch on E and 5 notches on w faces, from which a mesquite 8 ins diam bears S 38° 45' 20" 130 chs marked S. C. T 16 S R 12 E, S 2. B. T.

no other trees within limits
Land mountainous & Rocky
71 chs broken and 3rd Rate.
No Timber, Palo verde and
greasewood Break 80 chains.

Thence I run west on a true line on South Boundary of Sec 35.

Var 13° 08' E.

Over level mesa

20.00 Set a post 3 ft long 3 ins

3rd Standard Parallel South

chain sq with charred stake 12 in in the ground for $\frac{1}{16}$ Sec cor marked S.C. $\frac{1}{16}$ S on n face dug pits 18 x 18 x 12 ins E & W of post 5 $\frac{1}{2}$ ft dist and raised a mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post

40.00 Remains of old $\frac{1}{4}$ cor and trees cut down. I set a post 3 ft long 3 ins sq with charred stake 12 in in the ground for $\frac{1}{4}$ Sec cor marked S.C. $\frac{1}{4}$ S on n face dug pits 18 x 18 x 12 ins E & W of post 5 $\frac{1}{2}$ ft dist and raised mound of earth 1 $\frac{1}{2}$ ft high 3 $\frac{1}{2}$ ft base around post. no other trees

Through Rs 11, 12 and 13. E.

Chain within limits

60.00 Set a post 3 ft long 3 ins
sq with charred stake 12 ins
in the ground for $1/16$ Sec cor
marked S.C. $1/16$ S on n face
dug pits 18 x 18 x 12 ins E & W
of post $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around posts

No trees within limits

80.00 Set a post 4 ft long 4 ins
sq 24 ins in the ground
for Standard cor to Secs
34 & 35 marked
S.C. T 15 S R 12 E on n,
S 35 on E. and
S 34 on w faces with
2 notches on E and 4

3rd - Standard Parallel South

chain, notches on w faces from
which a Palo Verde 8 ins
diam bears n 85° E 34 lks
marked S.C. T 15 S R 12 E.
S 35 B. T.

Palo Verde 10 ins diam
bears n 14° W 1.70 chs

Marked S.C. T 15 S R 12 E
S. 34. B. T. No other trees
within limits

Land level mesa and 2nd

Rate and sloping gently W. W.
into Baboywora Valley,
and Palo Verde brush 80 chs

Thence I run west on a
true line on the South
Boundary of Sec 34
Tav 13° $08'$ E.

Thro R.s 11, 12 and 13 E.

chas

16.10

Dry wash 10 lvs wide $n \rightarrow w^s$

20.00

Set a post 3 ft long 3 in sq with charred stake 12 in in the ground for $1/16$ Sec Cor marked S C $1/16$ S on n face dug pits 18+18+12 in E & w of post $5\frac{1}{2}$ ft dist and raised a mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

40.00

Set a post 3 ft long 3 in sq with charred stake 12 in in the ground for $1/4$ Sec Cor marked S C $1/4$ S on n face dug pits 18+18+12 in E & w of post $5\frac{1}{2}$ ft dist and raised mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post

3rd Standard Parallel South

Chas The old $\frac{1}{4}$ cor destroyed.

60.00 Set a post 3 ft long 3 ins sq
with charred stake 12 in in
the ground for $\frac{1}{16}$ Sec Cor
Marked S.C. $\frac{1}{2}$ S on W face
dug pits 18 + 18 + 12 in E + W
of post $5\frac{1}{2}$ ft dist and raised
mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

80.00 Set a post 4 ft long 4 ins sq
with charred stake 12 in in
the ground for Standard
Cor to Secs 33 & 34 Marked
S.C. T 15 S R 12 E on W face
S 34 on E

S 33 on W and 3 notches on
E. and 3 notches on W faces
dug pits 18 + 18 + 12 in N + E
+ W of post $5\frac{1}{2}$ ft dist and

Through 11.12 and 13. E.

chas raised a mound of Earth
2 ft high $4\frac{1}{2}$ ft base
around post.

from which a Palo Verde
5 ins diam bears $N 50^{\circ} W$
100 lks marked S.C. J 15 S
R 12. E S 33 B.J.

no other trees within
limits.

Land level mesa \times 2nd
Rate and Slaping gently
N.W. into Barbaguera
Valley.

Palo Verde \times cat claw
brush 80 chs Scattering
Palo Verde trees.

3rd Standard Parallel South

chs Thence I run west on a true line on the South Boundary of Sec 33.

Var $13^{\circ} 08' E$.

14.00 Dry wash 25 lks wide north

20.00 Set a post 3 ft long 3 ins sq
12 ins in the ground with
churned stake for $\frac{1}{16}$ Sec cor
Marked S.C. $\frac{1}{16} S$ on n face
dug pits 18 + 18 + 12 ins E &
W of Post $5\frac{1}{2}$ ft dist and
raised a mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

34.60 Dry wash 40 lks wide north

40.00 Set a post 3 ft long 3 ins sq
with churned stake ^{12 ins in the ground} for $\frac{1}{4}$ Sec
cor marked S.C. $\frac{1}{4} S$ on n face
dug pits 18 + 18 + 12 in E & W

Thoo R's 11, 12 and 13 E.

chs. of post $5\frac{1}{2}$ ft dist and raised a mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

60.00 The old cor not found
Set a post 3 ft long 3 in sq 12 in in the ground with charred stake for $1\frac{1}{2}$ Sec cor marked S.C. $1\frac{1}{2}$ Sec on N face dug pits $18 \times 18 + 12$ in E & W of post $5\frac{1}{2}$ ft dist and raised a mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post.

80.00 The old mound for cor 32 & 33. I set post 4 ft long 4 in sq with charred stake 12 in in the ground for standard cor to Secs 32 & 33.

3rd - Standard Parallel South

Chs marked S.C. T 15 S R 13 E.
on n

S 33 on E and

S 32 on w faces with 4
notches on E and 2 notches

on w faces. Dug pits
18 x 18 x 12 in n. E & w of
Post 5 1/2 ft dist and

raised mound of earth
2 ft high 4 1/2 ft base around
Post.

Land level mesa and
2nd Rate. Scattering Palo-
Verde trees. Palo Verde Bush
and catclaw 80 chains.

Thence I run west on a
true line on the South
Boundary of Sec 32

Through 11, 12 and 13 E.

Chs Var $13^{\circ} 08' E$.

6.00 Road to Stevens Ranch
N E & S W.

20.00 I set a post 3 ft long
3 in sq 12 in in the ground
with charred stake for
 $1/16$ Sec Cor marked S.C.
 $1 1/2$ S. on N face dig pits
 $18 \times 18 + 12$ in E & W of Post
 $5 1/2$ ft dist and raised a
mound of Earth $1 1/2$ ft high
and $3 1/2$ ft base around
Post.

26.00 Dry wash 50 lks wide N

40.00 I set a post 3 ft long 3
in sq 12 in in the ground
with charred stake for
 $1/4$ Sec cor marked S.C. $1/4 S$
on N face dig pits $18 \times 18 + 12$

3rd - Standard Parallel South

chs ins E + w of Post $5\frac{1}{2}$ ft dist and raised a mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around Post.

Old Cor destroyed.

60.00 I set a post 3 ft long 3 in Sq with charred stake 12 in in the ground for $\frac{1}{16}$ Sec cor marked S.C. $\frac{1}{16}$ S on n face dug pits $18 \times 18 \times 12$ in $5\frac{1}{2}$ -ft dist E + w of Post and raised a mound of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around Post.

80.00 The old mound for Sec Cor I set a post 4 ft long 4 in Sq with charred stake 12 in in the ground for Standard Cor to Sec

Through 11, 12 and 13, E.

the 31 & 32 marked S.C. J 15
 S R 12 E on W
 S 32 on E end
 S 31 on W faces with
 5 notches on E end 1
 notch on W face dug
 pit 18 x 18 x 12 ins NE & W
 of Post 5 1/2 ft dist and
 raised a mound of Earth
 2 ft high 4 1/2 ft base
 around Post.

Land level mesa and
 2nd Rate: Sloping NW
 into Barbuquise Valley.
 Scattering Palo Verde trees
 Catclaw & Palo Verde brush so ch

Thence I run west on
 a true line on the south

3rd - Standard Parallel South

chs Boundary of Sec 31

Bearing $13^{\circ} 08' E.$

Ground somewhat rolling

20.00 Set a post 3 ft long 3 in sq
 12 in in the ground with
 charred stake for $1/16$ Sec cor
 marked S.C. $1/16 S$ on n face
 dig pits $18 \times 18 \times 12$ ins E & W
 of post $5\frac{1}{2}$ ft dist and raised
 mound of earth $1\frac{1}{2}$ ft high
 $3\frac{1}{2}$ ft base around post.

40.00 The old cor destroyed

I set a post 3 ft long 3 ins
 sq with charred stake 12 ins
 in the ground for $1/4$ Sec cor
 marked S.C. $1/4 S$ on n face
 dig pits $18 \times 18 \times 12$ in E & W
 of post $5\frac{1}{2}$ ft dist and
 raise a mound of earth
 $1\frac{1}{2}$ ft

Through Rs 11 12 and 13 E.

Chas high $3\frac{1}{2}$ ft base around
Past

60.00 I set a Past 3 ft long 3 in
sq with charred stake 12 in
in the ground for $\frac{1}{16}$ Sec
Cor marked S C $\frac{1}{16}$ S on W
face dug pits $18 \times 18 \times 12$ in
E + W of Past $5\frac{1}{2}$ ft dist
and raised a mound
of Earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base around Past

80.00 The old Cor Post Standing
I set a post 4 ft long 4 in
sq 12 in in the ground
with charred stake for
Standard Cor to Lps 15 S
Rs 11 + 12 E. Marked
S.C. T 15 S on W
R 12 E S 31 on E

39

BOOK 1975

3rd - Standard Parallel South

chs R 11 E S 36 on w faces
 with 6 notches on N. E & w
 faces dug pits 24 x 18 x 12
 in n E & w of post and
 raised mound of earth
 2 ft high 4 1/2 ft base
 around post.

Land rolling mesa & 2^{ance}
 Kati sloping n w into
 Barbuquose Valley.
 Scattering Palo Verde trees.
 Bank 80 chains

Thence I run west on a
 true line on the South
 Boundary of Sec 36
 Var 13° 01' E.

Land rolling

20.00 set a post 3 ft long 3 in sq

Through 11, 12 and 13 E

chs 12 in in the ground with charred stake for $1/16$ Sec cor marked S.C. $1/16$ S on n face dig pits $18 \times 18 \times 12$ in E & W of Post $5\frac{1}{2}$ ft dist. and raise mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around Post.

35.20 Mesquit 4 in diam.

40.00 The Old Cor I set a Post 3 ft long 3 in sq with charred Stake 12 in in the ground for $1/4$ Sec cor marked S.C. $1/4$ S on n face dig pits $18 \times 18 \times 12$ in E & W of Post. $5\frac{1}{2}$ ft dist and raise mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around Post.

3rd Standard Parallel South

Chas
60.00

Set a post 3 ft long 3 ins sq
with charred stake 12 in
in the ground for 1/4 Sec
cor marked S.C. 1/4 S on W
face dig pits 18 x 18 x 12 ins
E & W of Post 5 1/2 ft dist
and raise mound of earth
1 1/2 ft high 3 1/2 ft base
around Post.

80.00

The old Sec cor 35 + 36
I set a Post 4 ft long 4 in
sq 12 in in the ground
with charred stake for
Standard Sec cor 35 + 36
marked S.C. T 10 S R 11 E.
on N.

S 36 on E and

S 35 on W faces with one
notch on E and 5 notches

Through Rs 11, 12, and 13 E

chs on w faces dig pits
 18 x 18 x 12 in NE & W of
 Post $5\frac{1}{2}$ ft dist and
 raised mound of
 Earth 2 ft high $4\frac{1}{2}$ ft
 base around Post
 from which

a mesquit 8 ins diam
 bears N 50° E 60 lks dist
 marked S.C. I 15 S R 11 E
 S 36 B. I.

No other trees within limits
 Land ralling and 2nd and
 Rali scattering mesquit
 & Palo Verde trees 80 chs

Thence I run west on
 a true line on the South
 Boundary of Sec 35

3rd Standard Parallel South

Chs

Var 13° 01' E.

20.00 Set a Post 3 ft long 3 ins sq. with a charred stake 12 ins in the ground for 1/16 Sec Cor marked S.C. 1/16 S on n face dug pits 18 x 18 x 12 ins E & W of Post 5 1/2 ft dist and raised a mound of Earth 1 1/2 ft high 3 1/2 ft base around post

40.00 The old 1/4 Cor. I set a post 3 ft long 3 ins sq with charred stake 12 ins in the ground for 1/4 Sec cor marked S.C. 1/4 S on n face dug pits 18 x 18 x 12 ins E & W of Post 5 1/2 ft dist and raised a mound of Earth 1 1/2 ft high 3 1/2 ft base around Post.

58.50 Dry wash 50 chs wide course W.

Through R's 11, 12 and 13 E.

chas
6000

Set a post 3 ft long 3 ins sq
with charred stake 12 ins in the
ground for $1\frac{1}{16}$ sec cor marked
S E $\frac{1}{16}$ S on n face dug pits
18x18x12 ins E & W of post $5\frac{1}{2}$ ft
dist and raised a mound of
earth $1\frac{1}{2}$ high $3\frac{1}{2}$ ft base
around post.

80.00

The old sec cor. I set post
4 ft long 4 ins sq with charred
stake 12 ins in the ground
for standard sec cor to 34 & 35
marked, S. E. T 15 S R 11 E
on N face

S 35 on E and

S 34 on W face with 2
notches on E and 4 notches
on W faces, dug pits

18x18x12 ins n E & W of post

3rd - Standard Parallel South

Chs And raised a mound of Earth 2 ft high $4\frac{1}{2}$ ft base around post.

Land mostly level, 2nd Rate, no Timber. Bunch 80 chains.

Thence I run West on a true line on the South Boundary of Sec 34
 for $13^{\circ} 01' E$.

Land gently rolling

20.00 Set a post 3 ft long 3 ins sq with charred stake 12 ins in the ground for $\frac{1}{4}$ sec cor marked SC $\frac{1}{4}$ S on n face dug pits $18 \times 18 + 12$ ins E & W of Post $5\frac{1}{2}$ ft disk and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around post

40.00 The old cor I set a post 3 ft long 3 ins sq with charred

through 11.12 & 13 E

Stake 12 in in the ground
for $1/4$ sec cor marked S.C. $1/4$ S
on n face dug pits $18 \times 18 \times 12$
in E & W of Post $5\frac{1}{2}$ ft dist
and raised mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base around
Post.

60.00 Set a post 3 ft long 3 in sq
with charred stake 12 in in
the ground for $1/16$ sec cor
marked S.C. $1/16$ S on n face
dug pits $18 \times 18 \times 12$ in E & W
of Post $5\frac{1}{2}$ ft dist and
raised mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

80.00 The standard cor to Secs
33 & 34 as established by
Leaf Baskrige a Post 4 ft

3rd - Standard Parallel South

bolg 4 in sq set firmly in the ground marked

S. C. 9 155 R. 11 E on n

S 34 on E and

S 33 on w faces with 3
notches on E & 3 notches on
w faces. pits n E & w of
post 5/2 ft dist.

I marked post on E face
"P. R"

Land mostly level and
2nd rate, scattering Palo Verde
Trees. Palo Verde and
cutclaw Brush 80 chains

J. D. Chilson

U.S. Deputy Surveyor

U. S. Surveyor-General's Office,

TUCSON, A. T., July 11th 1888.

The foregoing Field Notes of the Surveys of
 3rd Standard South Str
 Rs 11, 12 & 13 E, T, 15 &
 16 S, Papago Reservation
 Gila and Salt River Meridian
 in Arizona Terr., executed by
 L D Cheever

U. S. Deputy Surveyor, under his contract dated
 November 30th 1887
 having been critically examined, the necessary correc-
 tions and explanations made, the said Field Notes and
 the surveys they describe are hereby approved.

John Hisei
 U. S. Surveyor-General
 for the Territory of Arizona.