

BOOK 1457 1A

No. 1457 BOOK 14

S. M. Foreman Deputy 38 17
 T. S. 13 to 24 S. R. S. 12, 13 + 14 " 13
 " " " " " 21
 " " " " " 27
Cal at Salt River Base and Meridian 33
 " " " " " 39
 " " " " " 45
 " " " " " 51
 " " " " " 54

1457

See Index in Field Notes

OF BOOK 1457

the *Santa Cruz Guide Meridian* lines of
 Township 5 13 to 24 S. Range's 12, 13 + 14 East
Cal at Salt River Base Meridian, California,

BY

Solomon M. Foreman Deputy Surveyor
 under his Contract of *January 25* 1877
 Survey commenced *January 23* 1877
 Survey completed *Dec. 31st* 1877

See also 1457 C

See Ch. 13 and 14 C

Platted,

No. 1457

for Washington,

sent to Commissioner, Mexico

Mexico

Township 22 S., R. 13 E.

1A

Book No. 1457

57 58 59

6	5	4	60	3	2	1
BOOK 1457						
7	8	9	61	10	11	12
			62			
18	17	16	15	63	14	13
19	20	21	22	64	23	24
30	29	28	27	65	26	25
				66		
31	32	33	34	35	67	36
					68	

Index

Ref.	To	158	Po	184	188	1
"	"	14 "	"	"	"	7
"	"	13 "	"	"	"	13
"	"	16 "	"	"	"	21
"	"	17 "	"	"	"	27
"	"	18 "	"	"	"	33
"	"	19 "	"	"	"	39
"	"	20 "	"	"	"	45
"	"	21 "	"	"	"	51
<hr/>						
"	"	21 + 22	"	"	13	57
"	"	22	"	"	13	60
"	"	23	"	13 & 14	"	68
"	"	24	"	" & "	"	75

T.185. T.155. T.175. T.195. T.215. T.235.

1186 166 1276 1396 1516 1696

12177 1257 12287 12407 12527 12707

131628 13418 132918 134118 135318 137118

241519 24319 243019 244219 245419 247219

257430 25230 253130 254030 255530 257030

361331 36131 363231 364431 365631 367431

1126 1216 1336 1406 1706

12117 12227 12347 12467 12767

131018 132318 133518 134718 13778

24919 242419 243619 244919

25830 252530 253730 254930

36731 362631 363831 365031

T.145 T.165 T.185 T.205 T.225

lian

Det. Pa. 13 and 14

Change V. 22 S. See opposite page

Mexico

Preliminary Oaths of Assistants.

I, _____ do solemnly swear that I will well and truly perform the duties of Compassman, according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of

18

U. S. Deputy Surveyor.

We, William Henry and Wm. Harrison 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 tully 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 will assist in measuring, to the best of our skill and ability.

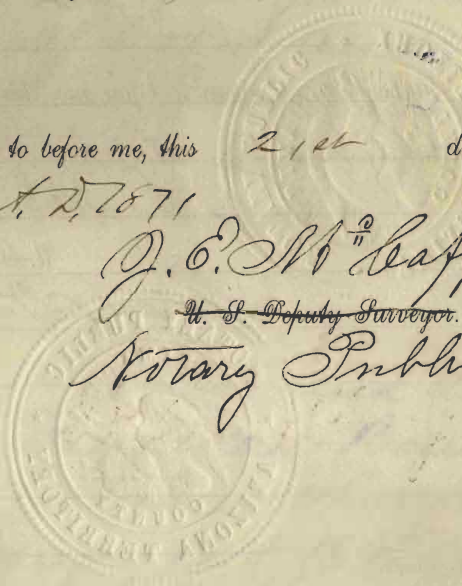
William ^{his} Henry
of ^{the} ~~the~~ ^{quadr} ~~quadr~~
W. H. Harrison

Subscribed and sworn to before me, this 21st day of

January A. D. 1871

J. C. M^{rs} Cappy
~~U. S. Deputy Surveyor.~~

Notary Public



Me J. C. Bloodworth & Geo. Carr
do solemnly swear that I will well and truly perform the duties of
Axe men & Blagmen
according to instructions given me, and to the best of my skill and
ability.

J. C. Bloodworth
George W Carr

Subscribed and sworn to before me, this 21st day of

January. A. D. 1871.

J. O. Mc Caffry

~~U. S. Deputy Surveyor.~~

Notary Public



No. 1457

Field notes of the
Survey of the
Santa Cruz Guide Meridian

Between Ranges 12 & 13
East of Gila and
Salt River Meridian.

In the Territory of
Arizona.

Beginning on the 3rd 1st
Standard South, extending
North 18 miles, and South
to the Mexican Boundary
line - between the afore-
said Ranges 12 & 13 East.

By S. N. Gorman
Deft Surveyor under his
Contract No. 1 bearing date
the 2nd day of January 1851.

1 D

FOOK 1457

Commenced Jan. 23rd 1871
Completed Jan. 31st 1871.

Between Ranges 12 & 13 East.

File & Salt River Meridian

I began at the established
Corner to Townships 15 & 16
South of Ranges 12 & 13 East
on 3rd Standard Parallel
South. I ran

North, between Secs. 31 & 36.

Var. $13^{\circ} 09'$ East

(Obtained by transit observation)

Along Summit of mountain

27.00 begin descent of Mountain

40.00 Set $\frac{1}{4}$ sec. Cor. stone $14 \times 10 \times 10$ in.

in Stone Mound & pits as per
instructions. No trees

80.00 Set post in Mound with
pits as per instructions
for Corner to Secs. 25, 30, 31 & 36.

No trees near
Land rough. Soil poor
No timber —

Santa Cruz Guide Meridian
Between Sp. 15 S. R. 12 & 13 East
Gila & Salt River Meridian

chains North, between Secs. 25 & 30
Cor. 13° 10' East

(By fore & back sights —

40.00 Set 1/4 sec. Cor. post in
a mound with pits as
per instructions

No trees near

43.00 Foot of mountain and
enter bottom land.

80.00 Set a post in mound
with pits as per
instructions for the corner
to Secs. 19, 24, 25 & 30.

No trees

Level mostly level

Sail 1st rate

No timber

Grass abundant.

Santa Cruz, Guide Meridian
 Bet. Tps. 15 & 8, of Ranges 12 & 13 East
 of Gila & Salt River Meridian

Chs. North, between Secs. 19 & 24,

Cor. $12^{\circ} 57'$ East.

40.00 Set $\frac{1}{4}$ Sec. Cor. post in a
^{By fore and back sights}
 mound with pits as
 per instructions)

No trees

80.00 Set a post in mound
 with pits for corner
 to Secs. 13, 18, 19 & 24, as
 per instructions.

No trees near.

Laurel Savin

Soil 1st rate

Scattered Mesquit trees

Santa Cruz Guide Meridian
Between Ranges 12 & 13 E. Tps. 15 South
of Gila and Salt River Meridian

Chains North, bet. Secs. 13 & 18;

Cor. 13° East.

(By fore & back sights)

31.00 Road from Gueson to Alta
Beans. E. & W.

40.00 Set $\frac{1}{4}$ sec. Corn post in
mound with pits as per
instructions.

No trees near

80.00 Set a stone 14 x 8 x 8 in. in
a mound with pits as per
instructions, for corner
to Secs. 7, 12, 13 & 18.

No trees near

Sand rolling

Soil 2nd rate
Scattered trees.

Santa Cruz Guide Meridian
Between Spd. 15 S. of Rs. 12 + 13 East
of Gila and Salt River Meridian.

cho. North, between Secs. 7 + 12.

- Var. $12^{\circ} 50'$ East.
By fore and backsights.
- 17.00 begin to ascend
- 40.00 Set $\frac{1}{4}$ sec. Cor. Stone $16 \times 10 \times 10$ in. in mound with pits as per instructions
- No trees near
- 71.00 Ascent becomes steeper
- 80.00 Set a stone $18 \times 15 \times 10$ in in stone mound as per instructions, Cor to secs. 1, 6, 7 + 12 (No. trees near.

Land hilly
Soil good for
grass only —
Scattering trees.

Santa Cruz Guide Meridian
 Bet. Tps. 150 S., R. 12 & 13 East of
 Gile & Salt River Meridian

Chain North between Secs. 1 & 6
 Var. $13^{\circ} 05'$ East
 By fore & back sights.

40.00 Set $\frac{1}{4}$ sec. Cor. post in a
 stone mound pits per
 as per instructions

67.75 Road ^{2 and 3 east} No trees near

80.00 Set a stone $14 \times 8 \times 8$ in.
 in a stone mound, with
 pits for corner to Secs. 1,
 6, 31 & 36, as per instructions
 being the corner to Townships
 14 & 15 South, of Ranges 12 and
 13 East.

No trees near

Land broken
 Soil only good
 for grass. Scatter trees

Santa Cruz Guide Meridian
 Bet. Sp. 14 & South Ranges 12 & 13 E
 of Gila & Salt River Meridian.

Chs. North, bet. Secs. 31 & 36.

Var. $13^{\circ} 09'$ East

(By fore & back sight.)

along West slope of Mt.

40.00 Set $\frac{1}{4}$ sec. Cor. post in

mound of stone as

per instructions. No trees

80.00 Set a stone $18 \times 15 \times 8$ in.

in a stone mound as

per instructions for

corner to Secs. 25, 30, 31 & 36

No trees near

Land rough & stony
 Soil good for
 grass only, no timber,

Santa Cruz Guide Meridian
Bet. Sp. 14 S. Ranges 12 & 13 East
file & Salt River Meridian

Chs. North, bet. Secs. 23 & 30.
Cor. 13° 10' East

(By fore & Back sights,
40.00 set 1/4 sec. Cor. post in
stone mound as per
instructions

73.00 No trees near
Begin step ascent,

80.00 Set a stone 18x10x8 in.
in stone mound and
marked as per instructions
for the corner to Secs. 19,
24, 25 & 30.

No trees near
Land rough & Broken
Soil. Good for
grass only

No trees

Santa Cruz Guide Meridian
 Set. (Sp. 14) south of Co. 12 & 13 East,
 Gila & Salt River Meridian

Chs. North, Cut. Secs. 19 & 24.

Var. $13^{\circ} 20'$ East

(By fore & Back sights).

40.00 Set $\frac{1}{4}$ sec. Cor. post in
 mound & pits as per
 instructions.

No trees near

61.00 Summit of mountain S, E. & N.

80.00 Set a stone $16 \times 10 \times 8$ in.
 in a stone mound and
 mark as per instructions
 for the corner to Secs
 18, 19 & 24

No trees near

Same hilly & rough
 soil
 No timber

Santa Cruz Guide Meridian
 Bet. Tps. 14 & 15, Rs. 12 & 13 East. of
 Gila & Salt River Meridian

Chs. North, Lot. Secs. 13 & 18

Var. $13^{\circ} 20'$ East
 By fore and back sight

40,00 Set $\frac{1}{4}$ sec. Cor. post in
 mound with pits as
 per instructions

No trees near
 80,00 Set a post in a mound
 with pits as per instr-
 uctions. at East base
 of mountain for the
 corner to secs. 7, 12, 13 & 18.
 (No trees near

Land very Broken
 Soil poor
 No timber

Saw. 23rd 1871

Santa Cruz Guide Meridian
 Bet. Cps. 14 & South Ranges 12 & 13 &
 Gila & Salt River Meridian

Chs. North, between Secs. 7 & 12
 Var. $13^{\circ} 04'$ East
 (By fore & Back sights)

20.00 Dry Ravine runs N. E.

40.00 Set $\frac{1}{4}$ sec. Cor post in
 a mound with pits
 as per instructions.

63.20 Dry Ravine runs ^{North} N. E.

80.00 Set a post in a mound
 with pits as per in-
 structions for the corner
 to Secs. 1, 6, 7 & 12

No trees near

Laced valley foot hills
 Soil 2nd rate
 Good grass
 Some scattered trees

Santa Cruz Guido Meridian
 Bet. Tps. 14 S. R. 12 & 13 East
 Tila & Salt River Meridian
 Chs. North, lat. Secs. 1 & 6.
 Con. $13^{\circ} 10' E$
 (By fore & back sights)

40.00 Set $\frac{1}{4}$ sec. cor. post in
 mound with pits as
 per instructions

No trees near

57.50 Dog Ravine runs N. E.

80.00 Set a post in mound
 with pits as per instruc-
 tions, for the Cor. to Secs.
 1, 6, 31 & 36, being the
 corner to Townships 13
 and 14 S., R. 12 & 13 East

No trees near

Sand valley
 Soil 2nd rate
 No timber -

Santa Cruz Guido Mendocino
 Bet Sp. 13 South, Rs. 12 & 13 East
 filed & Salt River Mendocino

Chs. North, lat. Secs. 31 & 36.

Lat. $13^{\circ} 11'$ East

(By observation of Polaris).

From lat $1/4$ Sec. cor post in
 mound with pits as
 per instructions

No trees near

80.00 Set a post in a mound
 with pits as per
 instructions for the
 Cor. to Secs. 25, 30, 31 & 36.

No trees near.

Level rolling grassy
 hills

Soil 2nd rate
 scattering trees —

Santo Cruz Guide Meridian
 Bet. Sp. 13 b. & Nos. 12 & 13 East
 Gila & Salt River Meridian

chs. North, cut secs. 25 & 30
 bear $13^{\circ} 11'$ E

40.00 set 1/4 sec. Cor. post
 in a mound with
 pits as per instructions
 No trees near

80.00 set a post in mound
 with pits as per
 instructions for the
 corner to secs. 19, 24, 25
 and 30.

No trees near

Sand, Lewis, Soil
 2nd rate
 Scattered trees
 Good grass

Santa Cruz Guide Meridian
 Red Sp. 13 South Rs. 12 + 18 East
 Gila & Salt River Meridian

Chain Var. $18^{\circ} 10'$ East

(Pay fare & Back rights.)

North, lat. Secs. 19 & 24.

4000 set $\frac{1}{4}$ Sec. Cor post in
 mound & pits as per
 instructions.

No trees near

80.00 set a post in a mound
 with pits as per
 instructions for Cor.
 to Secs. 13, 18, 19 & 24.

No trees near

Sand level
 Soil 2nd rate
 Scattering Mesquits and
 Palo Verde

Santa Cruz guide Meridian
Bet. Sp. 13) South, No. 12 & 13 E.
Gila & Salt River Mound

chs. North, bet. Secs. 13 & 18.
Cor. 13° 10' E

40.00 Set 1/4 sec. Cor. post
with pits in mound
as per instructions
No trees near.

80.00 Set a post for corner to
secs. 7, 12, 13 & 18 in a
mound with pits as
per instructions.
No trees —

Sand level
Soil 2nd rate
Scattered trees
Good grass

Santa Cruz Guido Meridian
 But Sp. 13 South R's. 12 & 13 E.
 Gila & Salt River Meridian

chs North lot, secs. 7 & 12.
 var $13^{\circ} 12'$ E

(By bore & Buell sights).

40.00 Set $\frac{1}{4}$ sec. post in Mound
 with pits as per in-
 structions; No trees

53.00 Road to Gt. Yucca, N.W.

57.00 Entire plowed ground N.W. & E.

63.00 Water ditch (runs) N.W.

80.00 Set a post for corner
 to secs. 1, 6, 7 & 12 in a
 Mound with pits
 as per instructions.

(No trees near
 Soil 1st rate
 Land level

Sautee Creek Guide Meridian
 Bet Rps. 13 South Rps. 12 + 13 E.
 Glean & Salt River Meridian

Chs. North, bet. Secs. 1 & 6.

Var. 13° 12' East

7.50 Sautee Creek Run 100 lks
 well near N. W.

17.00 Pita Creek 75 lks well
 near N. W. (dry)

40.00 set a 1/4 sec. Cor. post
 in mound with pits
 as per instructions

No trees near

80.00 set a post for Corner
 to Townships 12 + 13 South
 of Ranges 12 + 13 East
 in mound with pits
 as per instructions

No trees near

Sand level and the
 soil is first quality,
 no timber
 open prairie

Description.

The foregoing described line passes over a rough mountain on the West boundary of Sp. 14 South, Range 13 East and that portion of the lands is rough and stony, but afford good pasturage; the balance of the line passes over good agricultural land.

The Santa Cruz Valley extends South to the boundary line & this line extended South will traverse the whole length of it—

8 Jan. 24th 1871

S. W. Horner

From 3rd Standard Parallel
South.

Begin at the corner
established by myself
for the Corner Townships
Nos. 15 & 16 South, of
Ranges 12 and 13
East of Gila and
Salt River Meridians
and Base lines, from
which corner I
ran the Santa Cruz
guide Meridian
South between
Ranges 12 & 13, as
indicated by the
following notes.

Santa Cruz Guide Meridian

Between 16 S. Ranges 12 & 13 East
 chains
 of Gila & Salt River Meridian

South, between Secs. 1 & 6.

Var. $13^{\circ}09'$ East.

- 27.00 ^{as per 3rd standard} Elevation level land N.E. & S.W.
- 40.00 Set $\frac{1}{4}$ sec. Cor. post in
 mound with pits as per
 instructions. No trees near.
- 80.00 Set a post for the corner
 to Secs. 1, 6, 7 & 12 in
 a mound with pits
 as per instructions
 No trees near

Level first step, then
 level.

Soil 3 and 1st rate
 No timber

Between Sp. 16 & Ranges 12 & 13

Gile & Salt River Meridian
 chaus South, bet. Secs. 7 and 12

Var. $13^{\circ}09'$ East.

(as per fore & back sights.)

40.00 Set $\frac{1}{4}$ sec. Cor. post in a
 mound with pits as
 per instructions.

No trees near

80.00 Set a post for the corner
 to Secs. 7, 12, 13 & 18 in
 a mound with pits
 as per instructions
 No trees near

Sand level

Sail to rate.

Sandy loam

No timber

Between Tps. 16 S. Ranges 12 & 13 E.

Gile & Salt River Meridian

South bet. Secs 13 & 18.

Cor. $13^{\circ} 09'$ East.

40.00 set $\frac{1}{4}$ sec. Corner post in
mound with pits
as per instructions
No trees near

80.00 set a post in mound
with pits for Cor.
to Secs 13, 18, 19 & 24
as per instructions
No trees near

~~80.00~~ Sand Level
Sail 1st rate
Some scattering trees

Between Tps. 16. S. Ranges 12 & 13 S.

Gila & Salt River Meridian
 chs. South between Secs 19 & 24.
 Var. $13^{\circ}09'$ East.

40.00 Set $\frac{1}{4}$ sec. Cor. post in
 mound with pits
 as per instructions

No trees near

80.00 Set a post in mound
 with pits as per
 instructions for the
 corner to Secs. 19, 24, 25
 and 30. No trees near

Sauls level
 Soil 1^{st} rate
 some scattering trees.

Bot. Gps. 16. S. Ranges 12 & 13 En

Silv & Salt River Meridian

cha. South, lat. Secs. 25 & 30

00W. 13° 09' East.

40.00 Set 14 sec. Cor post in
a mound with pits
as per instructions

No trees near

80.00 Set a post in mound
with pits as per
instructions for the
Corner to Secs 25, 30
31 & 36.

No trees near

Sand Level

Soil 1st rate

Saw scattering trees

Between Tps. 16 S. Range 12 & 13 E.

Filed & Sett River Mound

South. lat. Secs. 31 & 36 -

Cor. 15° 09' East.

40.00 Set 1/4 sec. corner in
a mound with pits
as per instructions
no trees near

80.00 Set a post in mound
with pits as per
instructions for the
corner to Secs 1, 6, 31
and 36, being the
corner to Tps. 16 & 17 S.
of Range 12 & 13 East.
no trees near

Land level

Soil 1st rate

no timber

The land is unsuitable
for grazing purposes

Between Ranges 12 N 13 E. Tps. 17 S.

File of Salt River Meridian

Chain South between Secs. 1 + 6.

Var. $92^{\circ} 57' E$

(as per fore + back sights).

23.00 Top of round Knoll

40.00 Set $\frac{1}{4}$ sec. Cor. post in
mound with pits
as per instructions
No trees near

71.30 Dry Creek 15 lks wide runs East

80.00 Set a post for the Corner
to sections 1, 6, 7 + 12.
in mound with pits
as per instructions
No trees near

Sand rolling

Soil 1st grade

No timber

Between ranges 12 & 13 E. Cps. 17 & 8.

Gila & Salt River Mend.
chs.

South, between Secs. 7 & 12
var. 13° E

(By front & back sights).

40.00 Set $\frac{1}{4}$ sec. Cor post in *meadow*
with pits as per instructions
No trees near

42.25 Dry Creek, 50 lbs under *meadow* East.

80.00 Set a post for the corner to
Secs 7, 12, 13 & 18 in a
meadow with pits as
per instructions
No trees near

Level level
Said 1st rate
No timber.

Bet. Ranges 12 & 13 E. Cps. 17 & 8.

of New & Salt River Meridian
 Chd South, ~~West~~ Secs. 13 & 18.

Cor. $13^{\circ} 05'$ East.

(By fence & back sights).

40.00 Set $\frac{1}{4}$ sec. post in
 mound with pits
 as per instructions
 No trees near

53.20 Dry Creek 10 lks west & E.

80.00 Set a post for the corner
 to Secs. 13, 18, 19 & 24
 as per instructions
 No trees near

Sand level

Soil 1st rate

No timber

Bet. Ranges 12 & 13 East Tps. 17 S.

Gila & Salt River Meridian

Chs. South, between Secs. 19 & 24
 Var. $12^{\circ}58'$ E.

(By fore & back sights),

40.00 Set $\frac{1}{4}$ Sec. Corner post in
 a mound with pits
 as per instructions

No trees near.

80.00 Set a post for the Corner
 to Secs. 19, 24, 25 & 30
 in mound with pits
 as per instructions
 No trees near

Sand loess

Soil 1st rate

No timber.

Law. 25th 1898.

Bet. Ranges 12 + 13 E. Tps. 17 S.

Filed & Salt River Meridian

Cha. South, between Secs. 25 + 30

40.00 Set ^{Var. 12° 55' E.} ^{Casper bore sight} 74 Secs corner post
in a mound with
pits as per instructions

57.00 Dry Creek 20 lks wide runs East ^{no trees}

75.00 Top of small rocky peak

80.00 Set a stone 18 x 14 x 10 in.
in a stone mound

New base of peak as
per instructions for
the corner to sections
25, 30, 31 + 36.

No trees near

Sand rolling
Soil 1st + 2nd rate.
No timber

Bet. Ranges 12 & 13 E. Tps. 17 S.

Gila & Salt River Merid.

Chs. South between secs. 31 & 36
var 12° 50' E.

(As per fore & Back sights.)

5.70 Dry Creek, 20 lks. wide runs E.

40.00 Set 1/4 sec. Cor. post in
mound with pits
as per instructions.

No trees near

80.00 Set a post in mound
with pits as per in-
structions for the
Corner to sec. 1. 6. 31 &
36. being Township Cor
to Tps. 17 & 18 S.

No trees near

Sand level

Soil 1st rate

No timber

The Santa Cruz valley lies
East of the line, is well
watered & timbered, good land.

Ranges, 12 & 13 E, Tps, 18 South.

Gile & Salt River Meridian
chs. South, between Secs. 1 & 6.
Var. $12^{\circ} 50'$ East.

29.00 Dry Creek 40 lks. wide runs East

40.00 Set $\frac{1}{4}$ sec. Cor. post in
mound with pits as
per instructions. No trees.

A. Mesquit 3 in brs. N. 64° E. 30 lks
distant. No other trees.

67.70 Dry Ravine runs East.

80.00 Set a post in mound &
pits, as per instructions
for the Cor. to Secs. 1, 6, 7 &
12. No trees near

Saw nothing
Sail 2nd rate
No timber —

Bet. Ranges, 12 & 13 E. Tps. 18 South

Gila & Salt River Meridian
chs)

South, between secs 7 & 12.

Var. $12^{\circ}45'$ East

(By fore & Back sights.)

40.00 Set $\frac{1}{4}$ sec. corner post in
mound with pits as per
instructions.

A. Mesquit C. in diameter bears S. 5° E. 32
links dist, no other trees.

80.00 Set a post in mound with
pits as per instructions
for the corner to Secs
7, 12, 13 & 18.

No trees near
sand rilling

Soil 2nd rate

No timber

But. Ranges $12\frac{1}{2}$ E. T₂so. 18 South

Gila & Salt River Meridian

(hs) South, bet. Secs. 13 & 18.

Var. $12^{\circ}45'$ East.

40.00 Set $\frac{1}{4}$ Sec. Cor. post in
mound with pits
as per instructions

No trees near

80.00 Set a post in mound
with pits as per
instructions

No trees near the
Corner to Secs. 13, 18, 19 &
24.

Sand rolling,
Soil 2nd rate
No timber

Bet. Ranges. 12 & 13 E. Tps. 18 South.

Gila & Salt River Meridian

- chs. South, bet. Decs. 19 & 24.
 Var. $12^{\circ}44'$ E.
 (By fore & back sight.)
 40.00 Set $\frac{1}{4}$ Dec. Cor. post in
 mound with pits
 as per instructions
 No trees near
- 57.00 Dry Creek ≈ 20 lbs wide runs E.
 Var. $12^{\circ}47'$ East
 (By transit observation of
 Palavis) —
- 80.00 Set a post in mound
 with pits as per
 instructions for the
 Cor. to Decs. 19, 24, 25 &
 30 — No trees near
- Sand Rolling
 Soil 2^{nd} rate
 No trees

Bet. Ranges 12 & 13 E., Ops. 18 South.

Gila & Salt River Meridian

- ch. South, between Secs. 25 & 30
 Var. $12^{\circ} 47'$ East.
- 27.00 Dry Creek 50 lks wide runs East
 40.00 Set $\frac{1}{4}$ sec. cor post in
 mound with pits as
 per instructions
 No trees near
- 77.00 Dry Creek 20 lks. wide runs E
 80.00 Set a post in mound
 with pits as per in-
 structions for the corner
 to Secs. 25, 30, 31 & 32.
 No trees near

Sand hilly & broken
 Soil stony, and
 2nd rate No timber
 Mountain on the west
 of line 1 mile off

BOOK 1457

Bet. Ranges 12 & 13 E. Apr. 1883

Gila & Salt River Mendocino

Chs South lat. Secs. 31 & 36.

Twp. 12° 43' E.

(As per fore & back sights

20.00 a chain of rocky peaks
west of line40.00 Set 1/4 Sec. Cor. stow 18x10
x6 in mound with pits
as per instructions

No trees near

50.00 Dry Creek 20 lbs wide runs East.

80.00 Set a stow 20x18x10 in
in mound with pits
as per instructions
for the corner to sec 2)

T. 6. 31 & 36. Apr 1883 190.

R. 13 & 13E No trees near
Sand Bluffs

Soil 3rd grade

No timber

Law. 26th 1831

Between Ranges, 12 & 13. Tps. 19 S

Goela & Salt River Meridian.

Chaus
South, between Secs. 1 & 6
Cor 12° 40' East.

- (As per fore & Back sights)
- 36.00 Dry Creek 20 lks wide runs East.
- 40.00 At 1/4 Sec. Corner post in mound with pits as per instructions No trees
- 80.00 Set a post in a mound with pits as per instructions for the corner to Secs 1, 6, 7 & 12
No trees near

Sand broken
Soil good for
grass.
No timber —

Bet. Ranges 12 + 13 E. Tps. 19 S.

Gile & Salt River Nevidian

(Chs). South, bet secs. 7 & 12.

Var 12° 42' E

(As per fore & back sight.)

19.30 Dry Creek 20 lks. runs East
40.00 set 1/4 sec. Ev. post in a
mound with pits as
per instructions.

80.00 set a post in mound
with pits as per
instructions.

No trees near
Sand rolling
Soil 2nd rate
No timber

Bet. Ranges, 12 + 13 E., Gps. 19 S.

Gila & Salt River Meridian

hd, South between Secs. 13 + 18.

Var. $12^{\circ} 40'$ East

(As per fore & back sight)

40.00 set $\frac{1}{4}$ sec. cor ~~post~~ in a mound with pits as per instructions.

No trees near

50.00 Dry Creek 10 lks wide runs E.

80.00 set a post in a mound with pits as per instructions for the corner to Secs 13, 18, 19 + 24.

No trees near

Sand breaker.

Soil 2nd rate

No timber —

BeA, R's. 12 + 13 E. Tps. 19 South

Silver & Salt River Meridian

(he) South, bet. Secs. 19 + 24.

Var. $12^{\circ}44' E$

(As per fore & back sights)

32.40 Dry Creek, 20 lks wide runs East

40.00 Set a post in a mound with pits as per instructions

No trees near

70.00 Dry Creek 10 lks wide runs East.

80.00 Set a post in mound with pits as per instructions for the corner to Secs. 19,

24, 25 + 30 —

No trees near

Saved values

Soil 1st gate

No timber

Bea. Ranges 12 + 13 E. Sps. 19 S.

File & Salt River Meridian

South between Secs. 25 + 30
 bev. $12^{\circ} 44'$ E

40.00 Set $\frac{1}{4}$ Sec. Cor. post in
 a mound with pits
 as per instructions

No trees near

74.50 Dry Creek 10 lks wide by E.

80.00 Set a post in a mound
 with pits as per in-
 structions for the Cor-
 ner. to Secs. 25, 30, 31
 and 36. No trees near.

Sand Level
 Soil 1st + 2nd rate
 No timber
 Brushy

Bet. Ranges 12 + 13 E. Gps. 19 &.

Gila & Salt River Meridian

South between Secs 37 + 36

Var. $12^{\circ} 30' E$

(100 per fore & Backsight)

25.25 Road from Alton to Chusow
bros. S. W. & N. E

37.00 Dry Creek 20-40. wide runs E.

40.00 set $1/4$ sec. Cor. post in a
mound with pits as
per instructions

67.00 Enter Santa Cruz Kumbattan
lands N. E. & S. W

80.00 set a post in mound with
pits as per instructions
for cor. to Secs. 1, 6, 37 & 36.

A. Mesquit 24 in diam bro. ~~113.58~~ 89 ft
distant, & no other trees

Santa Rita Peak bro S. $80\frac{1}{2}^{\circ} E$

Santa Calero " S. $43\frac{1}{2}^{\circ} W$

XX Peak " S. $45^{\circ} E$

Sand level soil 1st
rate no lumber

See Resurvey by Conzger, W.D.,
 Bet. R's. 12 & 13, Tps 20 South
 Cont No 78

Gila & Salt River Meridian.

- Obs. South, between Secs 1 & 6.
 Var $12^{\circ} 35'$ East
 (as per fore & Back sights.) n.w.
 31.00 Road from Gueson to Tobac n.e.
 40.00 Set $\frac{1}{4}$ sec. Cor, post in mound
 with pits as per instruc-
 tions, no trees near
 80.00 Set a post in a mound
 with pits as per in-
 structions for corner
 to Secs, 1, 6, 7 & 12.
 A Mesquit, 6 in diam, brs. N. 7° W, 45 lbs diam
 " do. 6 " " " S. 6° W, 140 " "

No other trees near

Saul levil, Soil 1st rate
 rich bottom
 Yumbeu, Mesquite —

Bet. R's. 12 & 13 E. Tps. 20 South

Gila & Salt River Meridian

Chs. South, between Secs. 7 & 12.

Var. $12^{\circ} 35'$ East.

40.00 Set $\frac{1}{4}$ Sec. Cor. post in mound
with pits as per instructions. No trees near.

65.00 Kitchen's House 1 chain
east of line.

80.00 Set a post in mound
with pits as per instructions for the
corner to Secs. 7, 12, 13
and 18.

A. Nutmeg 6 in. diam. bro, S. $79\frac{1}{4}^{\circ}$ W,

37 links distant

No other trees near

Sand Level,

Soil 1st rate

Some scattering timber.

BOOK 1457

Bet. Ranges, 12 + 13 E. Cps. 20 South

Gila + Salt River Meridian

Chd. South, between Secs. 13 + 18

Var. $12^{\circ}30'$ East

(As per for + back sights.)

15.00 Enter a large round Prairie

40.00 Set $\frac{1}{4}$ Sec. Cor. post in
Mound with pits as
per instructions. No trees

55.00 Old House 30 links West
of line.

80.00 Set a post in mound with
pits as per instructions

Costs Secs. 13, 18, 19, 24 No trees near.

Sand level

Soil 1st rate

No timber on line

Bet. Ranges 12 & 13. C. Yps. 20 South

File & Salt River Meridian
 (hd) South, between Seed 19 & 24
 var. $12^{\circ}30' E$.

40.00 Set $\frac{1}{4}$ sec. cor. post in mound
 with pits as per in-
 structions). No trees near.

80.00 Set a post in mound
 with pits for corner to
 Seed, 19, 24, 25 & 30, as
 per instructions.

A Mesquit 10 in diam. bro. $N. 5^{\circ} W. 57$ lbs dist

" " 8 in diam. bro. $S. 13^{\circ} W. 65$ " "

No other trees near

Sand level, soil 1st rate
 No timber on line

Yumber on new Mesquit
 & hackberry.

BeA. Ranges 12 + 13 E. Sp. 20 South

filed & Salt River Meridian

Chd South, between Secs. 25 + 30.

Var. 12° 30' East.

25.00 leave Barrie —

40.00 Set 1/4 sec. Cor, post in mound with pits as per instructions

No. trees near

80.00 Set a post in mound with pits as per instructions for the corner to Secs. 25, 30, 31, + 36.

No trees near.

Sand lease

Soil 1st rate on East side of line and 2nd rate on West side.

Bet. Ranges 12 & 13 E. Cps. 208.

Line of Salt River Mound

@ the South, between Secs. 31 & 36.

Var. $12^{\circ} 30'$ East.

18.00 Dry Creek 5 lks wide, runs E

40.00 Set $\frac{1}{4}$ Sec. Cor. post in mound with pits as per instructions)

No trees near

56.25 Dry Creek 20 lks. wide runs E

80.00 Set a post in mound with pits as per instructions for the Cor- to Secs. 31, 36, 1 & 6.

also Cor. to Secs. 20 & 21 S. R. 12 & 13 E.

20 lks North of a dry Creek, No trees near.

Being on the 4th Standard South

Sand line)

Soil 2nd rate

No trees on

line ———— Var. 27° 1871

But. Ranges 12 + 13 E. Spa. 21 South.

Gilew + Salt River Mendocino.

Chaus South, between Secs. 1 + 6.
Var. 12° 31' East

(as per transit observations of
Palavio).

00.20 Dry creek 18 lks wide runs East.

2.6.75 " " 20 " " " "

40.00 Set 1/4 Sec. Cor. post in
mound with pits as
per instructions.

A Mesquit, 6 in. diam bro. N. 11° W. 42 lks.
dist. No other trees near

80.00 Set a post in mound with
pits as per instructions
for the corner to Secs

1, 6, 7 + 12. No trees near

Land Rollney

Soil 2nd rate

No timber

Between Ranges 12 & 13 E. Tps. 21 S.

Gileo & Salt River Meridian

Chd South, between Secs. 7 & 12
 Uav. $12^{\circ} 34'$ East.

(By bore & back sights)

40.00 Set $\frac{1}{4}$ Sec. Corner post in
 mound with pits as
 per instructions. No trees
 Cobas. bears East, One mile
 distant —

80.00 Set a stone $18 \times 14 \times 10$ in with
 pits as per instructions
 for the corner to Secs
 7, 12, 13 & 18.

A Mesquit 6 in. diam. brs. N. 9° W. 46 lbs
 dist. No other trees near

Sand ralleys
 Soil good for
 grass.
 no timber

But. Ranges. 12 & 13 E. Tps. 21 South

Gile & Salt River Meridian.

① South, (let secs), 13 and 18.

Var. $12^{\circ} 33'$ East

(As per fore & Back sights.

22.00 Deep gulch runs East.

37.00 " " " "

40.00 Set $\frac{1}{4}$ sec. Cor. Stow $14 \times 10 \times 10$

with pits as per
instructions, no trees,

57.50 Dog Creek in deep Cañon
runs East

73.80 Deep Cañon runs East

80.00 Set a stow $18 \times 12 \times 8$ in

with ^{marked} pits as per

instructions for the

Corner to Secs 13, 18, 19

& 24. No trees near

Sand broken & stoney
Soil good for grass
No timber

Bet. Raugo 12 & 13. E. Cps. 21 South

Gilew & Satt River Meridian

Sec. South lot, sections 19 & 24

Var. $12^{\circ} 25'$ East

(As per front back sights)

17.00 deep gulch, near East

23.50 " " " "

32.75 " " " "

40.00 Set $\frac{1}{4}$ sec. Corn post in corner
with pits as per instructions
No trees near

40.20 ~~Deep~~ Gulch near East.

51.00 " " " "

70.50 " " " "

80.00 Set a stone $16 \times 10 \times 8$ in
with ^{monument} pits as per
instructions for the
corner to sections 20

19, 24, 25 & 30. Notes
Land very rough & broken
Soil good for grass
No timber.

Bett. Range 12, 7158, Gps. 21 S -

filed & Salt River Meridian

Chd South, between Secs) 25 & 30
 C.W. 12° 25' East.

14.00 Deep gulch runs East

23.65 " " " "

40.00 Set 14 sec. cor post in
 Mound with pits as
 per instructions.

No trees near

47.50 Deep gulch, runs East

78.00 " " " "

80.00 Set Stone 30 x 8 x 6 in. in
 Stone Mound & pits.
 as per instructions
 for cor to Secs. 25, 30, 31
 and 36. No trees near

Land very broken.

Soil poor & stony
 No timber

Bet. Ranges 12 & 13 E. (Sp. 21 & 2)

Gila & Salt River Meridian
Chs. South, lat. Secs. 31 & 36.

Dev. $12^{\circ} 30'$ East

(As per fur & bark rights)

19.25 Deep Cañon runs East

32.00 Top of hill E & W,

40.00 Set $\frac{1}{4}$ sec. Cor post in
Mound with pits

as per instructions

61.15 Deep Cañon runs East.

80.00 Set a post in mound
with pits as per
instructions per

Corner to Secs. 31, 36

1 & 6. ^{Land broken} ^{Deep} ^{poor} No trees near

and at this point the
line approaches so
near the Pajarito

Mountains running S.E.

& N.W. that the deep

Cañons run East

Ret. Gps. 21 + 22 S. No. ~~12 + 13~~ ^{13 E} E

Gilew + Salt River ^{Murder}

From the said Mound along
to the Sauto Cruz river
are so deep that
they are impassible
and I could go no
farther South on this
line so I ran from
the Corner to Gps. 21 + 22
South of Range 12 + 13 East
East. ^{and group type} bet. Secs. 31. + 6 -
Lat. $12^{\circ} 30' E$

40.00 at 1/4 sec. Cor. post in mud
with pits as per instructions
no trees near

69.00 Enter River bottom ^{at} N. E. S. E.

73.00 Sauto Cruz River 50 lks wide mud &.

80.00 at a post in mound with
pits as per instructions

Corner to Secs. 5, 6, 31 +

32, 0

But. Gps. 21 & 22 S. Re. $\approx 7 \frac{1}{2}$ E

Change Sila & Satt River Measuring

A Mesquit 16 in dia. Trs. S. 45° W. 48

" " 18 " " " S. 42° E. 56

No other trees near

Land Broken & level

Soil 2nd & 1st rate

Quadrangle
East, bet. secs 5 & 32.

Var. 12° 30' E

40.00 Set 1/4 Sec. Cor. Post in mound
with pits as per instructions

A Mesquit 14 in. dia. Trs. N. 28° E. 27

No other trees near

40.50 Road from Tucson to Sonora N & S.

80.00 Set a post in mound with
pits as per instructions
for corner to secs. 4, 5, 32

and 33. No trees near

Land level

Soil 1st rate

Same Mesquito

But. Sps. 21 & 22 S. Range $1\frac{1}{2}$ East

file of Salt River Mendocino

East ^{anatomical line} between secs. 4 & 33.
var. $12^{\circ} 30'$ East.

22.00 Begin to ascend

40.00 Set 14 sec. Corner post in mound with pits as per instructions, No trees

40.25 Dry Creek 10 ft wide runs S.W.

71.00 " gulch runs S.W.

80.00 Set a post in mound and pits as per instructions

per Cor. to secs. 3, 4, 33 & 34.

Soil ascending, soil 2nd rate No trees, and no less than $\frac{1}{2}$ a mile ^{East} this line becomes impracticable on account of San Coyatane Peak which is a Cowich Rocky peak, about 1500 feet high, I then per range South, between secs 3 & 4

Township 22 S. Range 13 East.

Gile & Salt River Meridian

okd. South, between Secs 3 & 4.
Var. $12^{\circ} 30'$ East.

9.00 Deep gulch br. S. W.

22.00 " " " S. W.

40.00 set $\frac{1}{4}$ sec. Cor post in
mound with pits as
per instructions

No trees near

70.00 Dry gulch br. S. W.

80.00 set a post in mound
with pits as per
instructions for Cor
to Secs 3, 4, 9 & 10

No trees near

Sand rough soil poor

No timber

In less than a mile East
the line would again
be impracticable, so I
ran South bet. Secs. 9 & 10.

Sp. 22 S. Range 13 East

Lila & Satt River Nurdian

Chs. South, bet. secs 9 & 10.

Wav. $12^{\circ} 30' E$.

- 9.50 Deep Cañon bro. S. W
- 30.00 Eutro level land bro. S. E. & N. W
- 35.00 Road to Sonora bro S. E
- 40.00 Set $\frac{1}{4}$ sec. Cor. post in mid
and pits as per instructions
No trees near
- 62.00 Worcesters house 2 chs. E-
of line
- 68.00 Santa Cruz River 3 lks. wide N. W
- 80.00 Set a post in mound
with pits as per in-
structions for corner
to secs. 9, 10, 15 & 16.
Land part good &
part rough ^{No trees near}
Mesquite timber

Law. 28th 1877

Sp. 22 S. Range 15 East.

File & Satt River Mendocino

Chs. East, between Secs. 10 & 15.

Dev. $12^{\circ}30'$ East.

3.20 Santo Cruz River 40 Chs. near N. Co.

5.60 Road to Sonoma brook, E. of N. Co.

21.00 leave battery & begin to ascend

40.00 set $\frac{1}{4}$ sec. corner post in mound with pits as per instructions.

No trees near

80.00 set stone $18 \times 16 \times 10$ in. with pits & stone mound

as per instructions for corner to sec. 10.

11.14 & 15. No trees.

Sand rough & steep and here the line not practical any farther East so I run South between Secs 14 & 15

Sp. 22 S, Range 13 East

Gila & Salt River Meridian

Chs. South between Secs. 14 & 15

Var. $12^{\circ}30'$ East

10.40 Deep Canyon runs West.

33.00 " " " "

40.00 Set $\frac{1}{4}$ Sec. Cor. post in
mound and pits and
few instructions, No trees.

49.00 deep gulch runs West.

60.50 " " " "

80.00 Set a stone $14 \times 8 \times 6$ in with
~~posts~~ pits as few instructions

for the Cor. to Secs. 14, 15, 22
and 23. No trees near

Land very rough
Soil 3rd grade

No timber

And from here I can not
run East an account of
the steep mountain so
I ran South but 22 & 23

Sp. 228, Range 13 East of
Line of Salt River Meridian

Chs. South lot, Secs. 22 & 23

Var. 12° 30' East

17.00 Deep gulch runs West

27.00 " " " "

40.00 Set $\frac{1}{4}$ Sec. Cor. post in Mound
with pits as per instructions
No trees near, and
here onto level land

80.00 Set ~~the~~ Sec. Cor. post in
Mound with pits as
per instructions per Cor
to Secs. 22, 23, 26 & 27.

No trees near
Land level on West side
of last half mile -

Soil mixed quality
No timber

The line East from here
is still not practicable
So I ran South lot
Secs. 26 & 27.

Apr 22 S. Range 13 East.

Gila & Salt River Mound

Chs. South, cut secs. 26 & 27.

Var 12° 30' East.

30.00 Cold water Ranch house 20 chains west of line

35.00 Road to Sonora Crs S. & E.

40.00 Set 1/4 sec. Cr post in mound with pits as per instructions. No trees near.

76.10 Santa Cruz River 40 lks. wide runs N. W.

76.00 Corner point for secs. 26, 27 34 & 35, not being suitable ground for a corner

I set a Witness post 4 chains North of Cr. in mound and pits as per instructions. No trees

Land level
Soil 1st rate
Scattering trees

Sp. 22 S. Range 13 East

§ Clear & Salt River Nurdaw

Chs. ^{Long true line} East, between Secs. 26 & 35.
Var. $12^{\circ} 30'$ East.

22.50 Sante Cruz River 40 lks wide near No

29.00 Power $7\frac{1}{2}$ lks wide

40.00 Set $\frac{1}{4}$ Sec. Cor. post in
Mound with pits as
per instructions

No trees near

50.50 Road N. W & S. E.

55.00 Bluff and begin ascent
of Mountain

80.00 Set a post in mound
with pits as per
instructions for corner
to Secs 25, 26, 35 & 36.

No trees

Sand level, thin steep
soil 1st & 3rd rate
and the low East is
again impracticable

Sp. 22, S. Range 13 East,

Gila & Salt River Indian

Chs. South lot. Secs 35 & 36

Cor. 12° 30' East.

40.00 set 1/4 sec. Cor post in mound with pits as per instructions Notes

67.00 Enter level land

71.00 Road N, W & S, E.

80.00 set a post in mound with pits as per instructions for the corner to Secs, 35 & 36, 1 & 2.

A Mesquit 24 in diam brs N. 75° E. 200 lbs dia

No other tree near land rough, thin level soil. poor & good

No timber

From this corner run East on Township line between Townships 22 & 23 South. as follows - to wit

Between Ranges 13 & 14 E. Tps. 23 S.

Yellow Salt River Meridian
 chs ^{of quarter line} East, between Secs. 1 & 36.

Var. $12^{\circ}28'$ East.

(as per transit observation
 of Polaris) —

- 5.00 Road to Sonora N. W. & S. E.
 35.00 ~~Big~~ ^{Big} ~~well~~ ^{well} 20 lbs wide runs S. W.
 40.00 Set $\frac{1}{4}$ sec. Cor. post in mound
 with pits as per instructions
 No trees near
 40.10 Begin steep ascent. N. E. & S. W.
 80.00 Set stone $18 \times 10 \times 10$ in with
 mound & pits as per instructions
 for the corner to sections
 1. 6. 31 & 36. And corner
 to Tps. 22 & 23 S. Rs. 13 & 14 E.
 No trees near
 Sand (1st & 2nd rate)
 Soil sand & gravelly
 No trees
 Jan. 30th 1871

Bet. Ranges 13 + 14 E. Tps. 23 S.

Gila & Salt River Meridian.

Ch^e South between Secs. 1 & 6.

Var. $12^{\circ} 28'$ East.

- 6.00 Top of hill brs S. W. & N. E.
 37.00 Dry Creek 10 lks wide runs S. W.
 40.00 Set 1/4 sec. Cor. Post in
 Mound with pits as per
 instructions.

A Mesquit 8 in diam. Brs. N. $25^{\circ} W$ 34 lks dist.
 No other tree near.

60.00 Old Mexican Fort. of Calabuses

74.00 Road to Crittenden Brs. N. E.

80.00 Set a post in mound with
 pits as per instructions
 for corner to Secs. 1, 6, 7 + 12

A Cottonwood 30 in. diam. brs S. $32^{\circ} W$
 13 lks distant. No other trees

Sand hilly, Soil good
 No trees or any kind

Between Ranges, 13 & 14 E. Sp. 23 S.

Gila & Salt River Meridian

chs. South, bet. Secs. 7 & 12

Var. $12^{\circ} 30'$ E

As per fence & back sights.

- 00.50 Santa Cruz River Colts wide ~~W. W.~~
- 5.00 Begin about of hill Cor. N. W.
- 23.00 Enter the town of Calabazas
(Now in ruins & deserted)
- 40.00 Set $\frac{1}{4}$ Sec. Cor. post in mound
with pits as per instructions
No trees near
- 45.00 Top of Round Knoll (fortified)
- 80.00 Set a post in mound with
pits as per instructions
for Corner to Secs. 7, 12
13, & 18. No trees near

Sand hills.

Salt 2nd rate

No trees.

Bet. Ranges, 13 + 14, E. Spo. 23 South

File & Salt River Meridian

(hs.) South, between Secs. 13 + 18.

Var. $12^{\circ}25'E$

(by fore & back sights —)

30.00 Enter valley of Potrero Cr. S.W.

40.00 Set $\frac{1}{4}$ sec. Cor post in mound
with pits as per instructions
No trees near.

46.75 Potrero Creek, 5 lks. run N.W.
and old House 3 cks west of
the line, (derivated).

55.00 Road to Sonora Cr. S.E. + N.W.

80.00 Set a post in mound with
pits as per instructions
for Cor. to sec. 13, 18, 19 + 24.

0 Mesquit, 12 m. N. 60° W, 18 lks. distant

" 14 " " S, 50° W, 36 " "

No other trees near
Sand level, soil 1st rate
Seatruey timber.

Bet. Ranges 13 + 14 E. Tps. 23 South

Gila & Salt River Meridian

chs. South, Bet. Secs. 19 + 24.

Var. $12^{\circ} 23'$ East

(As per fore & back sights).

40.00 Set $\frac{1}{4}$ sec. cor post in mound

with pits as per instructions

A Mesquit 8 in diam. brs. West. 28 chs. dist.

No other trees near

60.00 Small Creek 5 chs wide near N. E.

80.00 Set a post in mound with

pits as per instructions

for corner to sec. 19, 24.

25 + 30. No trees near

• Kitcher's House brs. S. 63° E. about

20 chs. distant.

Sand level

Soil 1^{st} rate

No timber on line

Bet. Ranges. 13 + 14 E. Tps. 23. South.

Gila + Salt River Meridian

hd. South, bet. Sections 25 + 30.

Var. $12^{\circ} 23'$ East.

- 1.00 Leave bottom land
 40.00 Set $\frac{1}{4}$ sec. corner post in
 Mound with pits as per
 instructions. No trees near.
 80.00 Set a post in mound with
 pits as per instructions
 for the corner to sec.

25. 30. 31 + 36.

No trees near
 Land pretty rolling
 Soil 1st. rate
 a few scattering oak trees

Bet. Ranges 13 & 14 E. Tps. 23 South

Gila & Salt River Meridian
 (have) South, between Secs. 31 & 36.

Var. $12^{\circ}18'$ East.

(As per fore & back sights.)

40.00 Set $\frac{1}{4}$ Sec. Cor. post in mound
 with pits as per instructions
 No trees near.

80.00 Set a post in mound with
 pits as per instructions for
 the corner to sections
 31, 36, 1 & 6. From which
 a lone Oak 30 in. diam. bears $S. 26^{\circ} N$
 106 lks distant.

No other trees near
 Sand rolling. Soil 2nd
 rate. Some scattering
 oak trees -

The Potholes valley lies about
 one mile East ^{back} of the line
 and contains some 1st rate
 farming lands.

Bet. Ranges ~~13 & 14 E.~~ No. 24 S.
 " " 13 & 14 E.

File & Salt River Meridian

South, between Secs. 1 & 6,
 var. $12^{\circ} 17'$ East.

(as per transit observation
of Polaris) —

40.00 Set $\frac{1}{4}$ sec. Cor. post in
 mound with pits
 as per instructions.

No trees near.

80.00 Set a post in a mound
 with pits as per in-
 structions for the corner
 to Secs 1, 6, 7 & 12.

An Oak, 6 in diam, br N. 17° W.
 87 lks. distant

No other trees near
 Sault falling, soil 2^d rate
 Seatons Oak.

Bet. Ranges 13 + 14 E. Yrs. 24 South

Gila & Salt River Meridian

Obs. South, lat. Secs. 7 + 12.

Var $12^{\circ} 15'$ East

(as per fore & back sights.

40.00 Set $\frac{1}{4}$ Sec. Cor. post in
a mound with pits as
per instructions.

No trees near.

80.00 Set a post in mound
with pits as per
instructions for corner
to Secs. 7, 12, 13 + 18.

No trees near

Sand hilly

Soil 2nd rate

No timber —

Law. 31st 1870

Bet. Range 13 + 14 E. Tps. 24 S.

filed & set Run Meridian

South, set Secs 13 + 18
 Van. $12^{\circ} 15'$ East.

0.00 Set $\frac{1}{4}$ sec. Cor. post in
 a mound with pits
 as per instructions
 No trees near

5.00 Dry Creek 1000 wide, in
 deep gulch runs East.

94 In two set the Mexican
 Boundary line. I set a post
 in mound with pits as
 per instructions for the
 Corner to fractional Secs
 13 + 18, from which I
 ran them -

East along said Boundary line
 109 To Los Nogales Monument
 Established by W. H. Emory
 of U.S. B.C. June 10th 1855
 Lat. $31^{\circ} 20'$ N. Long. $110^{\circ} 51'$ West.

General Description of the Santa Cruz Valley.

The River of Santa Cruz flows from Sonora in Mexico in a N. W. direction into Arizona and soon after and but a few miles N. W. of the Calabazas Rancho, runs due North for over six to miles when it again diverges to the West, and has its

Confluence with the Gila near the Maricopa Wells.

The Valley lands of the the Santa Cruz are of superior quality for agricultural purposes and should be surveyed as early as practicable.

S. M. Freeman
Sep 25 1857

List of Names.

A List of the Names of the individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing Field Notes of The Santa Cruz Guide Meridian between Ranges 12 + 3 East from 12 South to the national boundary, Gila and Salt River Meridian showing the respective capacities in which they acted.

	Compassman.
Tom Henry	Chainman.
W. H. Harrison	Chainman.
J. C. Bloodworth	Axeman.
George H. Carr	Flagman.



Final Oaths of Assistants.

We hereby certify that we assisted *S. W. Lawrence*
 Deputy Surveyor, in surveying
 The Sauter Cray Guide
 Meridian between Ranges
 12 & 13 East, from Tpo. 12 E. to
 the ^{national} Boundary line
 Sica & Saut River Mer.

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

William H. Henry
W. H. Garrison
J. C. Bloodworth
George W. Carr

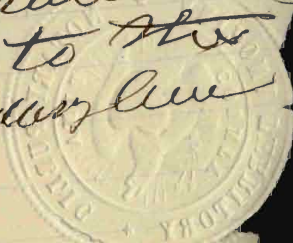
Subscribed and sworn to this 11th
 day of February A. D. 1871.

J. C. Mc Caffrey
 Notary Public

Final Oath of Deputy Surveyor.

I,
 Deputy-Surveyor, do solemnly swear that, in pursuance
 with a contract with
 United States Surveyor General for California and Nevada,
 bearing date the _____ day of _____, 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 parts or portions of

The Santa Cruz Verde Mines
 from Tps. 12 S.; between Range
 12 & 13 East. Isla de Salt
 River base & Mendocino
 running South to the
 next year Boundary line



57
 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 that the foregoing are the true and original Field Notes of such Survey.

Solomon W. Hercules
 U. S. Deputy Surveyor.

bes

Subscribed and sworn to before me, this
 1st day of February 1871

J. C. McLaughlin
 Notary Public



See
 da
 0

43
U. S. Surveyor General's

Tucson Arizona ~~San Francisco,~~

March 21st 1871

BOOK 1457

The foregoing Field Notes of the Survey

The Santa Cruz Guide Meridian

between Ranges 12 + 13 East

from T. 12 South to the National

Boundary, Gila and Salt River Meridian

in the ^{Territory of Arizona} ~~State of California~~, executed by

Solomon T. Freeman

U. S. Deputy Surveyor, under his contract dated

January 2, 1871

having been critically examined, and the necessary

corrections and explanations made, the said

Field Notes and the Surveys they describe are

hereby approved.

John Masson

U. S. Surveyor General,

For ~~Cal.~~ and Arizona