

1

BOOK 1486

1486

1486

F I E L D       N O T E S  
O F T H E S U R V E Y O F T H E  
E X T E R I O R L I N E S O F

T. 21 S., Rs. 13 and 16 E., (including a portion of 4th Standard Parallel South) T. 22 S., Rs. 13, 14 and 15 E., and T. 23 S., Rs. 13 and 14 E., also including some traverse lines.

Gila and Salt River Base and Meridian,

ARIZONA.

By Theodore F. White, D.S., under Contract dated Sept. 18, 1876.  
Survey commenced Nov. 15, 1876.  
Survey completed Dec. 20, 1876.

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31 32 33 34 35 36  
~~103 104 106 107 108 109~~  
6 5 4 3 2 1 1826  
121017

BOOK 1486

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18654321  
12107

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East Bdy - T 22 S; R. 13 E

South Bdy - T 20 S; R 16 E.

" " - " 20 S; " 13 "

Traverse Line (tho) T 22 S; R. 15 E.

" " " T 21 S; " 13 "

and

Ret - T<sub>o</sub> 21 S; R<sub>o</sub> 15 & 16 E.

" - " 21 & 22 S; " 16 E.

" - " 21 S; " 16 & 17 "

" - " 21 & 22 S; " 15 "

" - " 22 S; " 15 & 16 "

" - " 22 & 23 S; " 15 "

" - " 22 S; " 14 & 15 "

" - " 22 & 23 S; " 14 "

" - " 23 & 24 S; " 13 & 14 "

" - " 23 S; " 14 & 15 "

" - " 23 & 24 S; " 13 "

" - " 23 S; " 12 & 13 "

" - " 22 & 23 S; " 13 "

" - " 22 S; " 12 & 13 "

" - " 21 & 22 S; " 13 "

" - " 21 S; " 13 & 14 "

1A Preliminary Oaths of Assistants.

BOOK 1486

We, Urban Bessard  
and Alfred Grunler  
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 as-  
sist in measuring, to the best of our skill and  
ability.

Urban Bessard  
Alfred Grunler  
\_\_\_\_\_  
\_\_\_\_\_

Sworn to and subscribed before me, this 13<sup>th</sup>  
day of November, 1876

William J. Ashburn  
Notary Public



We P. W. Caldwell 13  
and Allan Bernard

do solemnly swear that we will well and truly perform the duties of Aceman and  
flagman respectively  
according to instructions given us, and to the best of our skill and ability.

P. W. Caldwell  
Allan Bernard  
\_\_\_\_\_  
\_\_\_\_\_

Sworn to and subscribed before me this 13th  
day of November, 1876

William J. Ashen  
Notary Public



BOOK 1486

S. Boundary of Tp. 20 S. R. 16 E.  
Gila and Salt River Meridian  
(1486)

S. Survey commenced November 15, 1876.  
Beginning at the cor. to Townships  
20 S. ranges 16 and 17 E., said  
cor. being marked by a post in mound,  
with pits, and from which cor.

An Oak, 16 in. dia. base, N. 41° E. 8 lead dist

do. 20 " " " S. 41 3/4° E. 81 " "

do. 12 " " " N. 80 1/4° W. 126 " "

do. 30 " " " S. 40 3/4° W. 183 " "

Thence run on true line along S. boundary of Tp. -  
WEST, on S. boundary sec. 36.

var. 13° 24' East

As per Burt's improved solar compass.

00 Set a post, marked 1/4 S. 4 ft long 3 in. sq. to  
1/4 in the ground, and build mound  
of stones 2 ft high, as per instruc-  
tions, for 1/4 sec. cor. from which

A Cedar, 8 in. dia. base, N. 15° E. 19 lead dist

do. 9 " " " N. 5° E 21 " "

50 Dry bed of stream, 15 lead wide, runs N. of W.

S. Boundary of Twp. 20 S. R. 16 E.  
Gila and Salt River Meridian

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hs. Continued, -

50.00 Set a post, marked and notched, 4  
ft long, 3 in. sq. d. 1 ft in the ground,  
and build mound of stones 2 ft  
high, as per instructions for cor. to  
Secs. 35 and 36, from which

An oak, 5 in. dia. bearing S. 45° W. 11 lks. dist.

do. 4 " " " N. 50° W. 10 " "

do. 4 " " " N. 70° E. 38 " "

No other trees near.

Rolling grass land. Soil 2<sup>d</sup> rate.

Some oak timber.

---

W. H. on S. boundary of sec. 35.

var. 13° 24' East.

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



S. Boundary of Sp. 20 S. R. 16 E.  
Gila and Salt River Meridian

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As. An oak, 8 in. dia. br. S. 85° E. 113 hrs. dist.  
No other trees near.

80.00 Set a post, marked and notched, 4 ft. long,  
3 in. sq. d. 1 ft. in the ground, and build  
mound of stones 2 ft. high, as per  
instructions, for cor. to sec. 34  
and 35. No trees near.

The main buildings at Crittenden  
bear N. 32½° W., about a mile and a  
half distant

Rolling grass land. Scattering trees

---

West on S. boundary sec. 34.  
var. 13° 24' East

22.50 Dry bed of stream, 50 hrs. wide, br. S. W.

40.00 Set a limestone rock, 12 x 10 x 8 inches,  
2/3 in the ground, marked 1/4, and on  
W. build mound of stones 2 ft. high,  
as per instructions, for 1/4 sec. cor.  
No trees near.

4  
S. Boundary of Twp. 20 S. R. 16 E

Gila and Salt River Meridian

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Trs. Continued-

80.00 Set a limestone rock, 10x8x8 inches  
3/4 in the ground, notched E. and W.  
and on W. build mound of stones  
2 ft high, as per instructions for  
cor. to Secs. 33 and 34. No trees near.  
Land rolling and broken. Soil  
good for grass. No timber.

---

West on S. boundary sec. 33.

var. 13° 24' East

25.00 Enter Sonoita valley.

33.00 Arroyo, 100 yds. wide, bas. S.

33.70 Road to Camp Crittenden bas. N. & S.

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

S. Boundary of Tr. 20 S. R. 16 E.

Gila and Salt River Meridian

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- No. a Mesquite, 4 in. dia. brs. N.  $2\frac{1}{2}^{\circ}$  W. 98 lbs. dist  
do. 4 " " " S.  $15\frac{3}{4}^{\circ}$  E. 214 " "
- 61.30 Arroyo, 30 lbs. wide, bos. S. E.
- 71.00 Leave valley.
- 80.00 Set a post, unmarked and notched,  
4 ft long, 3 in. sq. d. 1 ft. in the ground,  
drive charred stake and build a  
mound of earth 2 ft high, with pit  
1 ft deep,  $2\frac{1}{2}$  ft long,  $1\frac{1}{2}$  ft wide, a  
per instruction, for cor. to sec  
32 and 33, from which
- An Oak, 14 in. dia. brs. S.  $23^{\circ}$  W. 46 lbs. dist  
do. 4 " " " S.  $49\frac{1}{2}^{\circ}$  E. 72 " "  
do. 13 " " " N.  $66^{\circ}$  W. 100 " "  
do. 10 " " " N.  $15\frac{1}{2}^{\circ}$  E. 252 " "
- Rich bottom land in valley. Scattering trees

Nest on S. boundary sec. 32.

var.  $13^{\circ} 24'$  East

No. 00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long flat-



S. Boundary of Twp. 20 S. R. 16 E.  
Gila and Salt River Meridian

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Chs. tined 3 in. wide, 1 ft. in the ground, and  
build mound of stones 2 ft high, as  
per instructions, for 4 sec. cor. from which  
An Oak, 6 in. dia. br. East, 163 lbs. dist  
do. 8 " " " S. 55° E. 210 " "

52.00 Airways, 10 lbs. wide, brs. S.

80.00 Set a post, marked and notched, 4 ft  
long, 3 in. sq. d. 1 ft. in the ground, and  
build mound of stones 2 ft high, for  
cor. to secs. 31 and 32, from which  
An Oak, 7 in. dia. br. South, 11 lbs. dist  
do. 10 " " " N. 15° E. 125 " "  
do. 8 " " " S. 75° E. 56 " "

Land rolling and broken. Good grass.  
Oak timber

---

West on S. Boundary Sec. 31.

var. 13° 24' East

8.50 Dry bed of stream, 50 lbs. wide, runs S.  
17.50 Top of ridge, brs. S.

S. Boundary of Tps. 20 S. R. 16 E.  
Gila and Salt River Meridian

BOOK 1486

No. Continued, -

- 22.50 Arroyo, 20 hrs. wide, hrs. S.  
34.50 Top of ridge, hrs. S.  
40.00 Set a post, marked 4 S. 4 ft. long, flat-  
tened 3 in. wide, 1 ft. in the ground,  
and build mound of stones 2 ft. high,  
as per instructions for 1/4 sec. cor. from which  
an Oak, 8 in. dia. hrs. S. 75° E. 25 hrs. dist  
do. 8 " " " S. 45° W. 23 " "  
78.20 Arroyo, 20 hrs. wide, hrs. S.  
80.00 Set a post, marked and notched, 4 1/2 ft.  
long, 4 in. sq. d. 1 ft. in the ground, drive  
charred stake and build mound of  
earth 2 1/2 ft. high, with pits 1 ft. deep,  
3 ft. long, 1 1/2 ft. wide, as per instructions  
for cor. to Tps. 20 S. ranges 15 and  
16 E. from which  
an Oak, 12 in. dia. hrs. N. 52 1/2° E. 23 hrs. dist.  
do. 10 " " " S. 73 1/2° E. 54 " "  
do. 10 " " " S. 53 1/2° W. 68 " "  
Land rolling and broken, good grass Oak timber.

NOVEMBER 15. 1876.

Between Tps. 21 S Rgs. 15 & 16 E.  
Gila and Salt River Meridian

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No. From the cor. to Tps. 20 S. ranges 15 and  
16 E., I run W. along standard line

G. 60 For convenience, as calculated, and  
set the closing cor. to Tps. 21 S. ranges  
15 and 16 E. I set here a post, marked  
and notched,  $4\frac{1}{2}$  ft long, 4 in. sq. d., 1  
ft in the ground, and build mound  
of stones  $2\frac{1}{2}$  ft high as per instru-  
tions, for closing cor. to Tps. 21 S.  
ranges 15 & 16 E. from which  
an Oak, 12 in. dia. br. West, 19 lbs. dist.  
do. 14 " " " S.  $20^{\circ}$  E. 86 " "

No other trees near.

Thence I run  
South between secs. 1 & 6.  
var.  $13^{\circ}20'$  East.

As per Reut's improved solar compass.

12.00 Run, 10 lbs. wide, br. S. W.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long, flattened  
3 in. wide, 1 ft in the ground. drive



Between Tps. 21 S. Rgs. 15 & 16 E.

Gila and Salt River Meridian

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- Chs. charred stake and build mound of earth  
2 ft high with pits 1 ft deep, 2 ft long, 1 ft  
wide, as per instructions, for 44 sec. cor.  
from which  
An oak, 4 in dia. br. N. 45° E. 7 lvs. dist.  
do. 12 " " " S. 40° W. 44 " "
- 42.00 Top of ridge, br. S. W.
- 58.00 Arroyo, 70 lvs. wide, br. S. W.
- 64.00 Bluff, and descend into arroyo, 100 lvs. wide, br. S. E.
- 80.00 Set a post, marked and notched, 4 ft long,  
3 in. eq. d. in the ground, drive charred stake  
and build mound of earth 1 ft high with  
pits 1 ft deep, 2 ft long, 1 ft wide, as per in-  
structions, for cor. to Secs. 1, 6, 7 & 12, from which  
An oak, 10 in dia br. S. 20° W. 8 lvs. dist.  
do. 8 " " " N. 45° W. 62 " "
- No other trees near.
- Rolling and broken land.
- Soil good for grass.
- Some oak timber.
-

Peterson Tps. 21 S. Rgs. 15 & 16 E.

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Gila and Salt River Meridian

BOOK 1486

Ths. South between sees 7 & 12.  
var.  $13^{\circ}20'$  East.

40.00 Set a post marked  $\frac{1}{4}$  S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground and  
drive charred stake and build mound  
of earth 2 ft high with pits 1 ft deep 2  
ft long, 1 ft wide, as per instructions,  
for cor to  $\frac{1}{4}$  sec. No tree near.

80.00 Set a granite stone,  $12 \times 10 \times 8$  inches,  $\frac{2}{3}$   
in the ground, notched N. and S., and  
on S. build mound of earth 2 ft high,  
with pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions for cor to Secs  
7, 12, 13 and 18. No tree near.  
Rolling and broken grass land.  
No timber of consequence.

---

South between sees 13 & 18.  
var.  $13^{\circ}20'$  East.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long flat-

Between Tps. 21 S. Ranges 15 & 16 E.

Gila and Salt River Meridian

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7:00 Set a post, 3 in wide, 1 ft in the ground, drive  
chopped stakes and build mound of  
earth 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.

8:00 Set a post, (on top of ridge) marked  
and notched, 4 ft long, 3 in. sq. d. 1 ft  
in the ground, and build mound of  
stones 2 ft high, as per instructions  
for cor. to sec. 13, 18, 19 and 21st. from  
the base, 8 in. dia. bar. North, 26 loc. dist.  
do. 9 " " S. 80° W. 58 " "

No other trees near.

Rolling grassland. A few trees

---

South between sec. 19 & 21st.  
near 13° 20' East

7:00 Ridge running S. E.

4:00 Set a post, marked 14 S. 4 ft long flat-  
tened 3 in. wide, 1 ft in the ground,



Between Tps. 21 S. Rgs. 15 & 16 E.  
Gda and Salt River Meridian

BOOK 1486

Pro. drive charred stake and build mound  
of earth 2 ft high with pits 1 ft deep &  
4 ft long, 1 ft wide, as per instructions  
for 1/4 sec. cor. from which

An Oak, 12 in. dia. base, N. 63° E. 119 lbs. dist.

do. 14 " " " N. 9° W. 177 " "

52.50 Arroyo, 25 lbs. wide, base S. E

80.00 Set a post, marked & notched, 4 ft long,  
3 in. sq. d. 1 ft in the ground, and build  
mound of stones 2 ft high, as per  
instructions, for cor. to sec. 19.

24. 25 and 30. (cor. on top of ridge) from which

An Oak, 6 in. dia. base N. 38 1/2° E. 41 lbs. dist.

do. 8 " " " N. 78 1/2° W. 58 " "

do. 6 " " " S. 72 1/2° W. 87 " "

No other trees near

Rolling grass land, Oak timber

---

South between sec. 25 & 30.  
var. 13° 20' East

Between Tps. 21 & Rgs. 15 & 16 E.  
Gila and Salt River Meridian

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Ins. Continued,-

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long flat-  
tined 3 in. wide, 1 ft in the ground, drive  
charred stake and build mound 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. No trees near.

80.00 Set a post, marked and notched, 4 ft  
long, 3 in. sq. d. 1 ft in the ground, drive  
charred stake and build mound of  
earth 2 ft high, with pits 1 ft deep, 2  
ft long, 1 ft wide, as per instructions  
for cor. to secs. 25, 30, 31 and 36  
from which  
an oak, 8 in. dia. br. S. 40° E. 189 lbs. dist.  
No trees near.

Rolling grass land. Scattering trees

---

South between sec. 31 & 36.  
var. 13° 20' East.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long flat-

Between Tps. 21 S. Rps. 15 & 16 E.  
Gila and Salt River Meridian

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75.00 tened 3 in. wide, drive charred stake and  
build mound of earth 2 ft high, with  
pile 1 ft deep, 2 ft long, 1 ft wide, as per instruc-  
tions, for 14 sec. cor. from which  
An Oak, 10 in. dia. base, S. 10° E. 71 las. dist.  
do. 8 " " " N. 5° E. 50 " "

80.00 Set a post, marked and notched, 4 1/2  
ft long, 4 in. sq. d. 1 ft in the ground,  
drive charred stake and build a  
mound of earth 2 1/2 ft high, with  
pile 1 ft deep, 2 ft long, 1 1/2 ft wide as per  
instructions, for cor. to Tps. 21 and 22  
S. ranges 15 and 16 E. from which  
An Oak, 10 in. dia. base, N. 60° W. 29 las. dist.  
do. 6 " " " S. 65° W. 93 " "  
do. 8 " " " S. 47° W. 123 "

No other trees near.  
Rolling grass land. Scattering  
Oak timber November 16, 1876.



Between Tps. 21 & 22 S. Range 16 E.  
Gila and Salt River Meridian

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No. From cor. last described, Drive  
East

On true line between secs. 6 & 31.  
var.  $13^{\circ} 27'$  East.

As per Buets improved solar compass.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long, flattened x38.24  
3 in. wide, 1 ft in the ground, drive charr'd stake  
and build mound 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. from which  
No. Oak, 3 in. dia. br. S.  $50^{\circ}$  E. 137 lns. dist.  
do. 6. " " N.  $5^{\circ}$  W. 133 " "

46.50 Enter a flat

51.50 Leave it

78.24 Set a post, marked and notched, 4 ft  
long, 3 in. sq. d. 1 ft in the ground, and build  
mound of stones 2 ft high, as per instructions  
for cor. to secs. 5, 6, 31 & 32, Cor. on high ridge. No trees near.

1.76 chs. allowed for convergence.  
Rolling grass land. Some Oak timber.

Between Tps. 21 & 22 S. Range 16 E.  
Gila and Salt River Meridian

BOOK 1486

The Easton line bet. sec. 5 & 32.  
var.  $13^{\circ}27'$  East.

- 8.00 Top of ridge bet. S.  
13.00 Second ridge bet. S.  
22.00 Enter Sonoita Valley.  
32.50 Road runs S., down the Sonoita Valley.  
40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long. Flat-  
tened 3 in. wide, 1 ft in the ground. Drive  
charred stake and build mound 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. No trees near.  
43.00 Road runs S. E., to Trench mine ca.  
51.50 Leave Sonoita Valley.  
56.00 Top of Ridge.  
80.00 Set a post, marked and watched, 4  
ft long, 3 in. sq. d. 1 ft in the ground.  
Drive charred stake and build mound  
of earth 2 ft high, with pits 1 ft deep,  
2 ft long, 1 ft wide, as per instructions

Between Tps. 21 & 22 S. R. 16 E. 17  
Gila and Salt River Meridian

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No. for cor. to secs. 4, 5, 32 & 33. No trees near.  
Rolling grassland, then rich bottom  
in valley. Scattering trees

East true line between sec. 4 & 33.  
var.  $18^{\circ}27'$  East

- 35.50 Arroyo, 25 hrs. ride, base S. N.  
40.00 Set a post, marked 4 S. 4 ft. long, flat-  
tened 3 in. wide, 1 ft. in the ground and  
build mound of stones 2 ft. high,  
as per instructions, for 4 sec. cor. from which  
An Oak, 3 in. dia. base S.  $50^{\circ}$  W. 49 hrs. dist.  
A Juniper, 14 " " " N.  $80^{\circ}$  E. 75 " "  
80.00 Set a post, marked and notched, 4 ft. long,  
3 in. sq. d. 1 ft. in the ground, and build  
mound of stones 2 ft. high as per in-  
structions, for cor. to secs. 3, 4, 33 and 34.  
from which  
An Oak, 16 in. dia. base N.  $75^{\circ}$  W. 57 hrs. dist.  
do 12 " " " N.  $68^{\circ}$  E. 111 " "  
A Cedar, 9 " " " S.  $47^{\circ}$  E. 105 " "  
An Oak, 8 " " " S.  $32\frac{1}{2}^{\circ}$  W. 130 " "  
Rolling grassland. Oak timber. November 16, 1876.



18  
Between Tps. 21 & 22 S. R. 16 E.  
Gila and Salt River Meridian

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BOOK 1486

hs. East on line between sec. 3 & 34.  
var.  $13^{\circ}27'$  East.

42.00 Set a post, marked 74 S. 4 ft. long, flat-  
tened 3 in. wide, 1 ft. in the ground, and  
build mound of stones 2 ft. high, as per  
instructions, for 1/4 sec. cor. from which  
An oak, 36 in. dia. br. N.  $45^{\circ}$  W. 5 lvs. dist.  
do. 12 " " " N.  $85^{\circ}$  E. 130 " "

45.50 Running water in cañon. Cross a bend  
of it, coming from a S. of E. direction  
and running S. of W.

50.00 Set a post, marked and notched, 4 ft.  
long, 3 in. sq. d. 1 ft. in the ground and  
build mound of stones 2 ft. high, as per  
instructions, for cor. to sec. 2, 3,  
34 and 35, from which

An oak, 12 in. dia. br. N.  $77^{\circ}$  E. 86 lvs. dist.  
do. 10 " " " N.  $38^{\circ}$  E. 101 " "  
do. 9 " " " S.  $25^{\circ}$  W. 160 " "

Rolling grass land. Oak timber

Between Sp. 21 & 22 S. R. 16 E. 19  
Gila and Salt River Meridian

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- No. Erect on true line between sec. 2 & 35.  
var.  $13^{\circ} 27'$  East
- 20.00 Arroyo, 30 hrs. wide, hrs. S. W.
- 40.00 Set a post, marked  $1/4$  S.  $4$  ft long,  
flattened 3 in. wide, 1 ft in the ground,  
and build mound of stones 2 ft high,  
as per instructions, for  $1/4$  sec. cor. from which  
an oak, 6 in. dia. hrs. South, 31 hrs. dist.  
do. 9 " " S.  $50^{\circ}$  W. 87 " "
- 58.00 Arroyo, 45 hrs. wide, hrs. S. W.
- 80.00 Set a post, marked and notched, 4 ft.  
long, 3 in. sq. d. 1 ft in the ground, drive charred  
stake and build mound of earth 2 ft high,  
with pits 1 ft deep, 2 ft long, 1 ft wide, as per  
instructions, for cor. to sec. 1, 2, 35 and 36,  
from which  
an oak, 13 in. dia. hrs. S.  $60^{\circ}$  W. 61 hrs. dist.  
do. 6 " " S.  $10^{\circ}$  E. 61 " "  
No other trees near.  
Rolling grass land. Scattering oak.



Between Tps. 21 & 22 S. Rgs 16 E.  
Gila and Salt River Meridian

BOOK 1486

Pos. East. outcrop line between sec. 1 & 36.  
var.  $13^{\circ}27'$  East.

4.50 Arroyo, 100 lbs. wide, brs. N. W.

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

An Oak, 13 in. dia. brs. S.  $70^{\circ}$  E. 72 lbs. dist.

Do. 8 " " " N.  $40^{\circ}$  E. 127 " "

72.50 Top of hill, brs. N. W. and S. W.

80.00 Set a porphyritic rock, 12 x 10 x 8  
inches,  $\frac{2}{3}$  in the ground, notched  
on four edges, and on E. build  
mound of stone 3 ft. high, as per in-  
structions, for cor. to Tps. 21 and 22  
S. ranges 16 and 17 E. from which

An Oak, 10 in. dia. brs. South, 113 lbs. dist.

Do. 10 " " " S.  $40^{\circ}$  W. 110 " "

No other trees near.

Rolling grass land. Oak timber.

November 17. 1876.



Between Tps. 21 S. Rgs. 16 & 17 E.  
Gila and Salt River Meridian

BOOK 1486

BOOK 1486

Chs. From the T<sup>h</sup> cor. last established, run  
North between secs. 31 & 36,  
var. 13° 30' East.

As per Burts improved solar compass.

40.00 Set a post, marked 45, 4 ft long, 3 inches wide,  
flattened, 1 ft in the ground, drive chert  
stake and build mound of earth 2 ft  
high, with pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions for 44 sec. cor. No trees near.

80.00 Set a granite stone, 13 x 11 x 7 inches,  $\frac{2}{3}$   
in the ground, scratched S. and N. and on  
N. build mound of earth 2 ft high, with pits  
1 ft deep, 2 ft long, 1 ft wide, as per instructions  
for cor. to sec. 25, 30, 31 & 36. No trees near.  
Land rolling and grassy. No timber

North between secs. 25 & 36,  
var. 13° 30' East.

40.00 Set a granite stone 10 x 9 x 6 inches,  $\frac{2}{3}$   
in the ground, marked 44, and on N.

Between Tps. 21 S. Range 16 E. 176.  
Gila and Salt River Meridian

BOOK 1486

70.00 Build mound of earth 2 ft. high, with pits  
1 ft. deep, 2 ft. long, 1 ft. wide, as per instruc-  
tions for 1/4 sec. cor. No trees near.

80.00 Set a granite stone, 11 x 8 x 7 inches  
2/3 in the ground, notched S.

and N. and on N. build a  
mound of earth 2 ft. high with pits  
1 ft. deep, 2 ft. long, 1 ft. wide, as per  
instructions, for cor. to Secs. 19,  
24, 25 and 30.

No trees near.

Rolling grass land. No timber  
Further N. the line becomes im-  
practicable on account of im-  
passable mountain ridges and  
the land is worthless. So I run  
no further N. on this line.

November 17. 1876.



Between Tps. 21 & 22 S. Range 15 E.  
Gila and Salt River Meridian

Survey commenced Nov. 22. 1876.

No. From cor. to Tps. 21 & 22 S. Range 15 & 16 E. 1st  
West. on true line between sec. 1 & 36.

var.  $13^{\circ}27'$  East

As per Barts improved Solar Compass.

40.00 Set a post, marked 74 S. 4 ft long, flattened  
3 in wide, 1 ft in the ground, drive charred  
stave and build mound of earth 2 ft high  
with pit 1 ft deep, 2 ft long, 1 ft wide, as per  
instructions, for 1/4 sec cor. from which  
an oak, 12 in dia. base  $N. 40^{\circ} E. 58$  lbs. dist.  
No other trees near.

51.00 Airways, 20 lbs. wide, base S. 74.

76.00 Top of ridge bearing S.

80.00 Set a post, marked and notched,  
4 ft long, 3 in. sq. 1 ft in the ground,  
drive charred stave and build  
mound of earth 2 ft high, with pit  
1 ft deep, 2 ft long, 1 ft wide, as per in-  
structions, for cor. to sec. 1, 2, 3, 5  
and 36. from which



Between Tps. 21 & 22 S. R. 15 E.

Gila and Salt River Meridian

BOOK 1486

Sts. A mesquite, 8 in. dia. br., N. 13° W. 191 lbs dist.  
do. " " " " N. 10° E. 209 " "

No other trees near. Rolling grass  
land. Scattering trees

West on true line between sec. 2 & 35.

Mer. 13° 27' East

40.00 Set a post, marked "4", 4 ft long, flattened 3 in.  
wide, 1 ft in the ground, drive charred stakes and build  
mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft  
wide as per instructions for 14 sec. cor. No trees near.

80.00 Set a porphyritic stone, 12 x 10 x 8 inches, 7/8 in the ground,  
notched E. & W., and as W. build mound of earth 2 ft  
high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per in-  
structions, for cor. to Secs. 2, 3, 34 & 35. No trees near.  
Rolling grass land, broken on last end. Not timber.  
Further W. the line becomes impracticable on ac-  
count of precipitous mountains. The land is  
corroded, so I run no further W.

November 22. 1876.

Between Tps. 22 S. Rgs. 15 & 16 E.

BOOK 1486

Gila and Salt River Meridian

November 22, 1876.

No. From the cor. to Tps. 21 & 22 S. Rgs. 15 & 16 E., June  
SOUTH on true line bet sec. 1 & 6.  
var.  $13^{\circ}27'$  East.

As per Bart's improved solar compass.

40.00 Set a post, marked 4 S. 4 ft long, flattened  
3 in. wide, 1 ft in the ground, drive charred  
stake and build mound of earth 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 post, marked & notched, 4 ft long, 3 in. sq d.  
1 ft in the ground, drive charred stake and build a  
mound of earth 2 ft high, with pits 1 ft deep, 2 ft  
long, 1 ft wide, as per instructions, for cor. to sec.  
1, 6, 7 and 12, from which

an oak, 15 in. dia. born N.  $6\frac{1}{2}^{\circ}$  E. 348 lbs. dist.

do. 8 " " " S.  $74\frac{1}{2}^{\circ}$  E. 504 " "

No other trees near. Rolling grass land.

Scattering oak trees.

Between Tps. 22 S. Rgs. 15 & 16 E.

26  
Gilaus Salt River Meridian

BOOK 1486

To North between secs. 7 & 12.  
var.  $13^{\circ}27'$  East

- 13.00 Across, 20 lines wide, bas. S. W.
- 16.50 Ditch runs S.
- 31.50 Cross corner of corn field.
- 37.00 Old house about 8 chs. E.
- 40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long, flattened  
3 in. wide, 1 ft in the ground, driven charred  
stave and build mound 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. No trees near
- 46.50 Road bas. W.
- 46.90 Leave Sonvite valley.
- 80.00 Set a porphyritic rock,  $12 \times 10 \times 6$  inches,  
 $\frac{2}{3}$  in the ground, notched N. and S. and on  
S. build mound of stones 2 ft high, as per  
instructions, for cor. to secs. 7, 12, 13 and 18  
from which  
An Oak, 8 in. dia. bas. N.  $13\frac{1}{2}^{\circ}$  E. 205. bas. dist.  
No other trees near. Land rich in valley.  
Scattering trees.



Between Tps. 22 S. Rps. 15 & 16 E.

BOOK 1486

Gila and Salt River Meridian

S. Smith between sec. 13 & 18.

var. 13° 27' East

40.00 Set a post, marked 44 S. 4 ft long, flattened 3 in. wide, 1 ft in the ground, drove cherted stone and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for 4 sec. cor. No trees near.

80.00 Set a post, marked and notched, 4 ft long, 3 in. sq'd. 1 ft in the ground, and build mound of stone 2 ft high, for cor. to secs. 13, 18, 19 and 24, from which

Run Oak, 4 in. dia. base S. 30° W. 17 ls. dist. No other trees near.

Rolling grass land. Scattering trees

Smith between sec. 19 and 24.

var. 13° 27' East.

4.50 Ridge running N.

Between Tps. 22 S. Ranges 15<sup>th</sup> & 16<sup>th</sup> E.  
Gila and Salt River Meridian

BOOK 1486

Rs. Continued,-

22.00 Arroyo, 20 hrs. wide, Cor. W.

40.00 Set a post, (on ridge,) marked 14 S. 4  
ft long, flattened 3 in. wide, 1 ft in the ground,  
and build mound of stones 2 ft. high  
as per instructions, for 14 sec. cor.  
No trees near.

80.00 Set a granite stone, 10 x 8 x 7 inches,  
2/3 in the ground, notched N. and S.  
and on S build mound of earth 2  
ft high, with pits 1 ft deep, 2 ft long, 1 ft  
wide, as per instructions, for cor. to  
secs. 19, 24, 25 and 30. No trees near.  
Land rolling, then broken. No timber.  
November 22, 1876.

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It becomes impracticable to extend  
this line, directly, any further S.,  
on account of impassable mountains.

I therefore run from the last cor. as follows:

Traverse Line, Through Twp. 22 S. R. 15 E.  
 Gila and Salt River Meridian

BOOK 1486

No. From the cor. to sees 24 & 25, on E. boundary, run  
 N. 85° E. on true line between sec. 24 & 25.  
 run. 13° 27' East

40.00 Set a post, marked 4 ft long, flattened  
 3 in wide, 1 ft in the ground, drive charred  
 stake and build mound of earth 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 post, marked and notched, 4 ft  
 long, 3 in sq. d. 1 ft in the ground, drive  
 charred stake and build mound of  
 earth 2 ft high, with pits 1 ft deep, 2  
 ft long, 1 ft wide, as per instructions  
 for cor. to sees. 23, 24, 25 & 26, from which  
 Oak bar, 8 in dia bar N. 20° W. 58 lbs. dist.

do. 12 " " " S. 58 1/2° W. 81 " "

do. 8 " " " S. 2° E. 84 " "

do. 6 " " " N. 43 1/2° E. 90 " "

Rolling grassland. Some broken.

Oak timber.



30  
Crossed line in Twp. 22 S. R. 15 E.  
Gila and Salt River Meridian

BOOK 1486

No. From cor. to sees. 23, 24, 25 & 26. Iron  
N with on true line bet. sees. 25 & 26.  
44. 13° 27' East.

40.00 Set a post, marked '4 S. 4 ft long, flat-  
tined 3 in. wide, 1 ft in the ground, drive  
sharred stake and build mound of  
earth 2 ft high, with pits 1 ft deep, 2 ft  
long, 1 ft wide, as per instructions,  
for 4 sec. cor. No trees near.

80.00 Set a porphyry rock, 12 x 10 x 8 in-  
ches,  $\frac{2}{3}$  in the ground, notched S and  
E, and on S. build mound of earth  
2 ft high, with pits 1 ft deep, 2 ft long,  
1 ft wide, as per instructions, for  
cor. to sees. 25, 26, 35 & 36. No trees near.  
Across high mountain ridge. Land  
very broken. No timber.

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Traverse Line in Tp. 22 S. R. 15 E.

Gila and Salt River Meridian

BOOK 1486

From the cor. to secs. 25, 26, 35 & 36, Iron.

North on true line bet. secs. 35 & 36.

was.  $13^{\circ} 27'$  East

40.00 Set a post, marked 1/4 S. 4 ft long, flat-topped 3 in wide, 1 ft in the ground, drive charred stake and build mound of earth 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 porphyry rock, 10 x 8 x 7 inches, 2/3 in the ground, notched E. and W., and N. build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to secs. 1, 2, 35 and 36, on S. boundary of Tp. No trees near. Broken slopes of mountains to the E. No timber.

November 23, 1876.

Between Tps. 22 & 23 S. R. 15 E.  
Gila and Salt River Meridian

BOOK 1486

As it is impracticable to establish the S.  
boundary of sec. 36, <sup>on account of high mountains,</sup> so beginning at  
the cor. to secs. 1, 2, 35 and 36, run  
West on true line between sec. 2 & 35,  
var.  $13^{\circ} 32'$  East.

As per Curtis improved solar compass  
45.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long, flat-  
tened 3 in wide, 1 ft in the ground, drive  
charred stake and build mound of  
earth 1 ft high, with pits 1 ft deep, 2  
ft long, 1 ft wide, as per instructions, for  
4 sec. cor. No trees near.

80.00 Set a post, marked & notched, 4 ft long,  
3 in sq. d. 1 ft in the ground, drive charred  
stake and build mound of earth 2 ft  
high, with pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions, for cor. to Secs. 2, 3,  
34 and 35. from which  
Acc. Dist. 8 in. dia. hor. N.  $45^{\circ}$  E. 19 ch. dist.  
do. 5 " " " N.  $30^{\circ}$  W. 92 " "



Between Tps. 22 & 23 S. R. 15 E.

Gila and Salt River Meridian

BOOK 1486

hrs. An Oak, 4 in. dia. br. S. 20° E. 27 hrs. dist.  
 do. 8 " " " S 45° W. 43 " "  
 Land rolling and broken. Good grass.  
 Scattering trees

West meridian between 3<sup>rd</sup> & 3<sup>rd</sup> N.  
 var. 13° 32' East.

- 6.00 Top of ridge runs N.  
 25.00 Arroyo, 25 hrs. wide, runs N. W.  
 40.00 Set a post, marked 1/4 S. 4 ft long, 3 in.  
 wide, flattened, 1 ft. in the ground,  
 and build mound of stones 2 ft  
 high, as per instructions, for 1/4 sec.  
 cor. from which  
 An Oak, 6 in. dia. br. S. 40° E. 38 hrs. dist.  
 do. 14 " " " South 20 " "  
 80.00 Set a post, marked and notched, 4 ft  
 long, 3 in. sq. d. 1 ft in the ground,  
 and build mound of stones  
 2 ft high, as per instructions,

Between Tps. 22 & 23 S. R. 15 E.

Gila and Salt River Meridian

BOOK 1486

Ch. for cor. to secs. 3, 4, 33 & 34 from which  
An Oak, 3 in. dia. brs. S.  $13\frac{1}{2}^{\circ}$  E. 23 lvs. dist.  
do. 15 " " " S.  $76\frac{1}{2}^{\circ}$  E. 133 " "  
do. 8 " " " N.  $40^{\circ}$  E. 90 " "  
do. 10 " " " N.  $15^{\circ}$  W. 192 " "  
Rolling grass land. Oak timber

NE Cont. line bet. secs. 4 & 33.  
var.  $13^{\circ} 32'$  East

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft. long, flattened  
3 in. wide, 1 ft. in the ground, drive charred  
stake and build mound of earth 2 ft.  
high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide,  
as per instructions, for 4 sec. cor. from which  
An Oak, 4 in. dia. brs. N.  $60^{\circ}$  W. 75 lvs. dist.  
do. 8 " " " N.  $55^{\circ}$  E. 113 " "

68.50 Old road runs S., nearly obliterated.

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

Between Tps. 22 & 23 S. R. 15 E.

Gila and Salt River Meridian

35

BOOK 1486  
hr 2 ft high, as per instructions for cor.  
to sec. 4, 5, 32 and 33. No trees near.  
Rolling grass land. One timber

NE corner line bet sec. 5 & 32.

var. 13° 32' East

40.00 Set a post, marked 44 S. 4 ft long, flat-  
tened 3 in wide, 4 ft in the ground, and  
build mound of stones 2 ft high, as per  
instructions, for 4 sec. cor.

No trees near.

80.00 Set a post, marked & notched, 4 ft  
long, 3 in sq, 4 ft in the ground, and  
build mound of stones 2 ft high,  
as per instructions, for cor to sec.  
5, 6, 31 and 32.

No trees near.

Rolling grass land.

No timber of consequence



Between Tps. 22 & 23 S. R. 15 E.  
Gila and Salt River Meridian

BOOK 1486

Chs. NE Section line bet. sec. 6 & 31.

var. 13° 32' East.

46.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft. long. flat-  
tued 3 in. wide, 1 ft. in the ground,  
and build mound of stones 2  
ft high, as per instructions, for  
1/4 sec. cor. No trees near.

68.50 Arroyo, 45 lbs. wide, bas. S.

And allowing 1.32 chs. for convergence, - at

78.68 Set a post, marked and notched,  
 $4\frac{1}{2}$  ft. long. 4 in. sq. d. 1 ft. in the ground,  
durs charred stake and build mound  
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 cor. to Tps 22  
and 23 S. Rgs. 14 & 15 E.

No trees near.

Rolling grass land. No timber  
November 23, 1876.

Between Tps. 22 S. Rgs. 14 E & 15 E

Gila and Salt River Meridian

BOOK 1486

Sec. From cor. to Tps. 22 & 23 S. Rgs. 14 E & 15 E, Town  
North between sec. 31 & 30.

var.  $13^{\circ}28'$  East

Aspen Built improved solar compass

24.00 Top of ridge.

40.00 Set a post, marked 74 S. 4 ft long,  
flattened 3 in. wide, 1 ft in the ground,  
drive charred stake and build mound  
opposite 2 ft high, with pits 1 ft deep, 2  
ft long, 1 ft wide, as per instructions  
for 74 sec. cor. No trees near.

80.00 Set a post, marked and notched,  
4 ft long, 3 in. sq. 1 ft in the ground,  
and build mound of stones 2 ft  
high, for cor. to sec. 25, 30, 31  
and 36, from which

An oak, 10 in. dia. br. S.  $40^{\circ}$  E. 200 lbs dist.  
No other trees near.

Rolling grass land. But few trees.

Between Tps. 22. S. Rps. 14 & 15 E.

Gila and Salt River Meridian

BOOK 1486

Ch. North between sec. 25 & 30.  
var.  $13^{\circ} 28'$  East.

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

A Mesquite, 4 in. dia. br. S. 45 W. 41 lbs. dist.  
No other trees near.

42.00 Enter Sonoita bottom.

45.00 Road br. S. W.

47.10 Sonoita creek, 35 lbs. wide, br. S. W.

51.50 Leave the valley.

80.00 Set a post, marked & notched, 4 ft. long, 3  
in. sq. d. 1 ft. in the ground, and build a  
mound of stones 2 ft. high, as per instructions  
for cor. to sec. 19, 24, 25 & 30. Cor. on edge  
of high rocky bluff. From which cor.

A Mesquite, 6 in. dia. br. W. (in cañon below) 85 lbs. dist.  
No other trees near.

Land rich in valley. No timber of consequence.



Between Tps. 22 S. Rgs. 14 & 15 E.

Gila and Salt River Meridian

39

North between sec. 19 & 24  
var.  $13^{\circ}28'$  East

BOOK 1486

40.00 Seta porphyry rock,  $11 \times 8 \times 7$  inches,  
 $\frac{2}{3}$  in the ground, marked 74, and  
on N. build mound of earth 2  
ft high, with pits 1 ft deep, 2 ft long,  
1 ft wide, as per instructions for  
4 sec. cor. No trees near.

50.00 Seta porphyry rock,  $13 \times 9 \times 7$   
inches,  $\frac{2}{3}$  in the ground, notched  
S. and N. and on N. build mound  
of earth 2 ft high, with pits 1 ft deep,  
2 ft long, 1 ft wide, as per instructions  
for cor. to sec. 13, 18, 19 and 24  
No trees near.

Land very rough and broken. No timber.

November 20, 1876.

It is impracticable to extend this line  
further N. on account of impassable mountains.  
The land is broken and worthless.

Between Tps. 22 & 23 S. R. 14 E.  
Gela and Salt River Meridian

BOOK 1486 November 30, 1876  
R. From cor. to Tps. 22 & 23 S. Rps. 14 & 15 E. Sec.  
WEST. on true line between sec. 1 & 36.  
var.  $13^{\circ}28'$  East.

As per Burt's unproved solar compass.

40.00 Set a post, marked 14 S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the ground, drive  
charred stake and build mound of earth  
2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft.  
wide, as per instructions, for 14 sec. cor.  
No trees near.

80.00 Set a post, marked and notched, 4 ft.  
long, 3 in. sq. d. 1 ft. in the ground, drive  
charred stake and build mound of  
earth 2 ft. high, with pits 1 ft. deep,  
2 ft. long, 1 ft. wide, as per instructions  
for cor. to sec. 1, 2, 35 and 36.  
No trees near.

Rolling grass land.  
No timber.

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Between Twp. 22 & 23 S. R. 14 E  
Gila and Salt River Meridian

No. West on true line bet. sec. 2 & 35.  
BOOK 1486  
var.  $13^{\circ} 28'$  East.

40.00 Set a post, marked "4" 84 ft long, flat-  
tined 3 in. wide, flt in the ground,  
drill charred stake and build mound  
of earth 2 ft high, with pits 1 ft deep, 2 ft  
long, 1 ft wide, as per instructions, for 4  
sec. cor. No trees near.

80.00 Set a post, marked and notched, 4 ft  
long, 3 in. sq. d. 1 ft in the ground, drill  
charred stake and build mound of earth  
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions, for cor. to sec. 2, 3,  
34 and 35. from which

a Cedar, 10 in. dia. var. S. 85° W. 222 hrs. dist.  
No other trees near.

Rolling grass land.

No timber of consequence.

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Between Tps. 22 & 23 S. R. 14 E.

Gila and Salt River Meridian

BOOK 1486

Ths. West on true line bet sec. 3 & 34.

var.  $13^{\circ}28'$  East

26.50 Arroyo, 25 lks. wide, brs. N. W.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long, flat-  
tined 3 in. wide, 1 ft in the ground,  
drive charred stake and build mound  
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 willow, 10 in. dia. brs. N.  $28^{\circ}$  E. 57 lks. dist.

do. 12 " " " S.  $22\frac{1}{2}^{\circ}$  E. 101 " "

Hardin's ranch house brs. N.  $25^{\circ}$  W.,  
about 18 chs. dist.

80.00 Set a post, marked & notched, 4 ft long, 3 in. eq. 1 ft  
in the ground, and build mound of stones 2 ft  
high, as per instructions, for cor. to sec. 3.  
4. 33 and 34, from which

A Cedar, 6 in. dia. brs. S.  $29^{\circ}$  E. 92 lks. dist.

do. 8 " " " S.  $38\frac{1}{2}^{\circ}$  W. 162 " "

Rolling grass land. Scattering trees.

Between Tps. 22 & 23 S. R. 14 E.

43

Gila and Salt River Meridian

BOOK 1486

Sec. West on true line bet. sec. 4 & 33

var.  $13^{\circ} 28'$  East

40.00 Set a post, marked  $1/4$  S. 4 ft long, flat-  
tened 3 in. wide, ft. in the ground,  
and build mound of stones 2 ft high,  
as per instructions for 1/4 sec. cor. from which  
a Cedar, 9 in. dia. bet. N.  $42^{\circ}$  W. 213 lns. dist.  
No other trees near.

64.00 Small pear on line.

80.00 Set a post, marked and notched, 4 ft long,  
3 in. sq. ft. in the ground, drive charred  
stake and build mound of earth 2 ft high,  
with pits 1 ft deep, 2 ft long, 1 ft wide, as  
per instructions for cor. to sec. 4,  
5, 32 and 33. from which  
a Mesquite, 6 in. dia. bet. S.  $15^{\circ}$  W. 217 lns. dist.  
No other trees near.

Rolling grass land. A few  
trees.



Between Tps 22 & 23 S. R. 14 E.  
Gila and Salt River Meridian

BOOK 1486

3.50 *hs. N.E. corner line between Secs. 5 & 32.*  
var.  $13^{\circ} 28'$  East

3.50 Small peak on line.

40.00 Set a post, marked 74 S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground, drive  
charred stake and build mound of earth  
2 ft high, with pits 1 ft deep, 2 ft long, 1 ft  
wide, for 74 sec. cor. from which  
a Cedar, 7 in. dia. br., N.  $60^{\circ}$  E. 312 hrs. dist.  
No other trees near.

47.50 Road cross. S. N.

80.00 Set a post, marked and notched, 4 ft  
long, 3 in. sq. d. 1 ft in the ground, drive  
charred stake and build mound  
of earth 2 ft high, with pits 1 ft deep,  
2 ft long, 1 ft wide, as per instructions  
for cor. to Secs. 5, 6, 31 & 32, from which  
a Cedar, 12 in. dia. br., N.  $20^{\circ}$  N. 164 hrs. dist.  
No other trees near.

Rolling grassland. Scattering trees



Between Tps. 22 & 23 S. R. 14 E.

45

Gila and Salt River Meridian

BOOK 1486

No. N. E. boundary line bet. secs. 6 & 31.

var.  $13^{\circ} 28'$  East.

40.00 Set a post, marked  $\frac{1}{4}$  S.  $\frac{1}{4}$  fl. long. flat-  
tened 3 in. wide, 1 ft in the ground.  
Drive charred stake and build mound  
of earth 2 ft high, with pits 1 ft deep  
2 ft long, 1 ft wide for 4 sec. cor. from which  
a cedar, 30 in. dia. br. S.  $40^{\circ}$  E. 18 hrs. dist.

do. 12 " " " N.  $30^{\circ}$  W. 140 " "

57.00 Enter valley where the Sonoita de-  
bouches into the Santa Cruz.

79.86 Intersect the N. boundary of the Tps.  
38.50 chs. N. of the old established  
cor. to Tps. 22 and 23 S. Rps. 13 and  
14 E. This seems to indicate an  
error of half a mile in the es-  
tablished Santa Cruz Guide  
Meridian, there being no such  
error in the work to the East,  
as it is checked by other lines.

Between Tps. 22 & 23 S. R. 14 E.

45

Gila and Salt River Meridian

BOOK 1486

Set a closing cor. (at point of intersection) for cor. to Tps. 22 and 23 S. Range 14 E. Set a post, marked and notched,  $4\frac{1}{2}$  ft long. 4 in sqd. 1 ft in the ground. Drive charred stake and build mound of earth  $2\frac{1}{2}$  ft high, with 3 pits, 1 ft deep, 3 ft long,  $1\frac{1}{2}$  ft wide, and mark post C.C. as for a closing cor. from which

A Mesquite, 10 in. dia. base. N.  $25^{\circ}$  E.  $2\frac{1}{3}$  hrs. dist.  
No other trees near.

It will be seen that the error spoken of, will cause an excess of area in the northern tier of secs. in Tps. 23 S. R. 14 E., in which connection, see Note in field notes of subdivision lines of Tps. 23 S. R. 14 E.

Rolling grass land. A few trees.  
NOVEMBER 30. 1876.



Boundary of Tps. 22 S. Range 13 E.  
Gila and Salt River Meridian

November 30. 1876.

Re. From the cor. to Tps. 22 & 23 S. ranges 13 and  
14 E., established by S. W. Foreman,  
in a former survey, I run  
North or E. boundary of Sec. 36.  
var.  $13^{\circ}30'$  East

BOOK  
1486

As per Burt's improved solar compass.

4.00 Descend steep hill into valley.

38.50 The closing cor., just established by  
myself, to Tps. 22 and 23 S. range  
14 E.

40.00 Set a post, marked 14 S., 4 ft. long, flat-  
tened 3 in. wide, 1 ft. in the ground. Drive  
charred stake and build mound of earth  
2 ft. high, with pit 1 ft. deep, 2 ft. long,  
1 ft. wide, as per instructions for 14  
sec. cor. from which

A Mesquite, *Sai. dia.* bears N.  $25\frac{1}{2}^{\circ}$  W. 174 lbs. dist.

No other trees near.

58.50 Dry bed of the Sonoita, 50 lbs. wide, bears S. E.

64.60 Road from Sonoita valley, bears S. W.



E. Boundary of Twp. 22 S. Range 13 E.  
Gila and Salt River Meridian

BOOK 1486

Ans. Continued, -

76.50 Sonoita creek, dry, 40 lbs. wide, runs S.W.

80.00 Set a post, marked and notched, 4 ft.  
long, 3 in. sqd. 1 ft. in the ground, drive  
charred stave and build mound of  
earth 2 ft. high, with 3 pits, S.W. & N.

1 ft. deep, 2 ft. long, 1 1/2 ft. wide, for cor. to  
secs 25 & 36, from which

A Mesquite, 12 in. dia. base, S. 66 1/2° E. 116 lbs. dist.

do. 8 " " " S. 5° W. 185. "

No other trees near.

Rich land in valley. Scattering trees.

---

North

On E. Boundary Sec. 25.

4 cor. 13° 30' East.

2.50 Old sheep corral.

40.00 Set a post, marked 1/4 S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the  
ground, and build mound

Sunday of Apr. 22 S. Range 13 E. 49

Gila and Salt River Meridian  
BOOK 1486

Ch. of stones 2 ft high, for  $\frac{1}{4}$  sec.  
cor. from which

A Mesquite, 12 in. dia. hr. S.  $10^{\circ}$  E. 96 hrs. dist.  
No other trees near.

80.00 Set a granite stone,  $10 \times 9 \times 7$   
inches,  $\frac{2}{3}$  in the ground, notched  
S. and N. and on N. build a  
mound of earth 2 ft high, with  
3 pits, S. W. and N., 1 ft deep, 2 ft  
long,  $1\frac{1}{2}$  ft wide, for cor. to secs  
24 and 25. of Sp. 22 S. R. 13 E.

No trees near. Broken on last End.  
Some rich land. A few trees.

The line further N. becomes  
impracticable on account of  
precipitous mountain ridges.

So I run no further N. on  
this line.

November 30, 1876.

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

Gila and Salt River Meridian

BOOK 1486 December 4, 1876.

Ths. In retracing the old range line run by S. W. Foreman, between Tps. 23 S. ranges 13 & 14 E, I found the cors. to secs. 1. 12. 6 & 7, and 7. 12. 13 & 18, and 13. 18. 19 & 24, after which I could find no other cors. or further trace of the line, in running S., the cors. evidently having been destroyed, perhaps by the cattle ranging in this neighborhood, and washed away by the rains. I therefore commence at the cor. to secs. 13. 18. 19 and 24, it being a post in mound with pits, from which

- a Mesquite, 12 in. dia. bro. N. 6° W. 18 lvs. dist.
- do. 14 " " " S. 5° W. 36 " "

And run as follows:

South, between secs 19 & 24.  
var. 13° 39' East

As per Burt's improved Solar compass.



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

51

Gila Salt River Meridian

BOOK 1486

Pro. Continued, -

40.00 Set a post, marked 14 S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground,  
drive charred stakes and build  
mound of earth 2 ft high, with  
pits 1 ft deep, 2 ft long, 1 ft wide,  
for 14 sec. cor. from which  
a Mesquite, 6 in. dia. born East. 22 lns. dist.  
No other trees near.

50.00 Set a post, marked and notched,  
4 ft long, 3 in. sq. 1 ft in the ground,  
and drive charred stakes, build  
mound of earth 2 ft high, with pit  
1 ft deep, 2 ft long, 1 ft wide, for cor. to  
Secs. 19, 24, 25 & 30. from which  
a Mesquite, 6 in. dia. born N. 64° E. 97 lns. dist.  
do. 12 " " S. 44 1/2° E. 340. "

No other trees near.

Kitchen's house born S. 49° E. about  
30 cho. dist. An old house born

Between Tps. 23 S. Rgs. 13 & 14 E.  
Gila and Salt River Meridian

BOOK 1486

No. S. 62° E. about half a mile dist.  
Rolling grass land. Scattering trees.

~~Retrocession~~  
North between secs. 25 & 30.

var. 13° 39' East

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

A Mesquite, 7 in. dia. base, N. 27° W. 114 lbs. dist.  
do. 8 " " " N. 27° E. 67 " "

80.00 Set a post, marked and notched, 4 ft.  
long. 3 in. sq. 1 ft. in the ground, and  
build mound of stone 2 ft high, for  
cor. to secs. 25. 30. 31 & 36. from which.

A Mesquite, 6 in. dia. base, S. 79° E. 74 lbs. dist.  
do. 8 " " " S. 87° W. 132 " "

No other trees near.

Rolling grass land. Scattering trees.



Between Tps. 23 S. Rgs. 13 & 14 E. 33  
Gila and Salt River Meridian

BOOK 1486

No. South between secs. 31 & 32.

var.  $13^{\circ}39'$  East

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

An oak, 15 in. dia. base. South, 109 lns. dist.

80.00 Set a post, marked & notched, 4 1/2 ft long,  
4 in. sq. d. 1 ft in the ground and build mound  
apostee 2 1/2 ft high, as per instructions  
for cor. to Tps. 23 & 24 S. ranges  
13 and 14 E. from which

a mesquite, 5 in. dia. base. N.  $25^{\circ}11'$  W. 97 lns. dist.

An oak, 15 " " " S.  $26^{\circ}11'$  W. 321 lns. dist.

do. 8 " " " N.  $51^{\circ}12'$  W. 272 lns. dist.

Rolling grass land. Scattering trees.

December 4. 1876.



Between Tps. 23 & 24 of S. R. 14 E.

54

Gila and Salt River Meridian

BOOK 1486 December 4. 1876.

Ths. From the cor. to Tps. 23 & 24 of S. R. 13 & 14 E. In

East on true line between sec. 6 & 31.

var.  $13^{\circ}39'$  East.

As per cuts improved solar compass

6.00 Enter flat, extending N. E.

10.80 Arroyo, 25 ft wide, runs N.

16.50 Leave flat

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

No trees near.

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

5, 6, 31 and 32. No trees near

Rolling grass land.

No timber of consequence.

---

Between Tps. 23<sup>d</sup> & 24<sup>d</sup> N. R. 14 E. 55  
Gila and Salt River Meridian

BOOK 1486

No. East on true line bet. sec. 5 & 32.  
var.  $13^{\circ}39'$  East

3.50 Top of ridge.

7.00 Enter Patrons valley, cor. N. W.

10.00 Road to Sonora, cor. S. E. & N. W.

36.00 Arroyo, 10 hrs. wide, cor. N.

37.00 Old road runs N.

38.50 Leave valley.

40.00 Set a post, marked 14 S. 4 ft long, flattened 3 in.  
wide, 1 ft in the ground, drive charred stake  
and build mound a few ft high, with  
pits 1 ft deep, 2 ft long, 1 ft wide for 14

Sec. cor. from which

A mesquite, 12 in. dia. cor. N.  $73^{\circ}$  W. 144 hrs. dist.  
do. 12 " " " N.  $23^{\circ}$  E. 151 " "

80.00 Set a post, marked & notched, 4 ft long, 3 in.  
sq. d. 1 ft in the ground, and build mound a few  
ft high, as per instructions for cor. to Secs. 4, 5, 32 & 33.  
From which

An Oak, 8 in. dia. cor. S.  $60^{\circ}$  W. 45 hrs. dist.

a Cedar, 40 " " " N.  $80^{\circ}$  W. 97 " "

Land rich valley & rolling uplands, scattering trees.

Between Tps. 23 & 24 S. R. 14 E.

Gila and Salt River Meridian

BOOK 1486

Chs. East on true line between sec. 4 & 33.  
var.  $13^{\circ}39'$  East

20.50 Arroyo, 25 lbs. wide, runs S.

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

An Oak, 8 in. dia. on S.  $55^{\circ}$  E. 53 lbs. dist.  
No other trees near.

46.70 Arroyo, 10 lbs. wide, runs S.

80.00 Set a post, marked and notched, 4  
ft. long. 3 in. sqd 1 ft. in the ground,  
and build around of stones 2 ft high,  
as per instructions for cor. to sec.  
3. 4. 33 and 34. from which

An Oak, 10 in. dia. on N.  $85^{\circ}$  W. 119 lbs. dist.  
do. 12 " " " S.  $20^{\circ}$  W. 36 " "

No other trees near.

Rolling & broken hills. Scattering trees



Between Tps. 23 & 24 S. R. 14 E.

Gila and Salt River Meridian

BOOK

1486

No. East on true line between sec. 3 & 34.  
var.  $13^{\circ}39'$  East.

40.00 Set a post, marked 14 S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground,  
drill charred stake and build  
mound of earth 2 ft high with pits  
1 ft deep, 2 ft long, 1 ft wide, as per in-  
structions for 14 sec. cor. No trees near.

80.00 Set a post, marked E notched, 4 ft long,  
3 in. sq. d. 1 ft in the ground, drill charred  
stake and build mound of earth 2 ft high,  
with pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions, for cor. to sec.  
2, 3, 34 & 35, from which

On Oak, 10 in. dia. base, S.  $77^{\circ}$  E. 51 lbs. dist

do. 6 " " " S.  $36^{\circ}$  E. 28 " "

do. 7 " " " S.  $83^{\circ}$  W. 31 " "

No other trees near.

Rolling and broken land. Scattering  
Oak timber.

Between Tps. 23 & 24 S. R. 14 E.  
Gila and Salt River Meridian

58  
BOOK 1486

Ans. East on true line between secs 2 & 35.  
var.  $13^{\circ}39'$  East

16.50 Arroyo, 50 lbs. wide, runs S. E.

32.00 Arroyo, 20 " " " E.

33.50 Ascend hill.

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

An Oak, 9 in. dia. br., N.  $70^{\circ}$  E. 66 lbs. dist.

do. 5 " " " South, 68 " "

64.50 Top of hill.

80.00 Set a post, marked and scratched,  
 $\frac{1}{4}$  ft long, 3 in sq'd. 1 ft in the  
ground, and build mound  
of stones 2 ft high, as per  
instructions, for cor. to Secs.  
1, 2, 35 and 36.

Between Tps. 23 & 24 S. R. 14 E.

59

Gila and Salt River Meridian

BOOK 1486

As. from which

An Oak, 12 in dia. br. S. 40° W. 29 lvs. dist.

do. 12 " " " North. 75 " "

No other trees near.

Rolling grass land and broken hills. Scattering Oak timber

East. on true line between Sec. 1 & 36.

var. 13° 39' East.

2.00 Foot of hill.

38.00 Arroyo, 15 lvs. wide, br. N. E.

40.00 Set a post, marked 74 S. 4 ft long.

flattened 3 in. wide, 1 ft in the ground, drive charred stake and build mound of earth

2 ft high, with pits 1 ft deep.

2 ft long, 1 ft wide, as per a true -  
town for 74 sec. cor. from which

A Mesquite, 9 in dia. br. S. 60° W. 78 lvs. dist.

do. 12 " " " S. 48° E. 147 " "



Between Tps. 23 & 24 S. R. 14 E  
60 Tola & Salto River Meridian

hd. Continued, -

BOOK 1486

44.50 Road.

47.00 Swampy place.

52.00 Leave it.

80.00 Set a post, marked & notched,  $4\frac{1}{2}$   
ft. long. 4 in. sq. d. 1 ft. in the ground  
and build mounds of stones  
 $2\frac{1}{2}$  ft. high, as per instructions  
for cor. to Tps. 23 and 24 S.  
ranges 14 and 15 E. from which  
a Mesquite, 18 in. dia. brs. S.  $56^{\circ}$  W. 58 rods bet  
do. 14 " " " S.  $2^{\circ}$  E. 198 " "  
do. 7 " " " S.  $35\frac{1}{2}^{\circ}$  E. 162 " "

No other trees near.

This is on S. edge of the Santa Cruz  
bottom.

Some good land. Mesquite timber.

December 4. 1876.

Between Tps. 23 S. Rgs. 14 & 15 E.

61

Gila and Salt River Meridian

December 5, 1876. BOOK

1486

Chs. From the corner to Tps. 23 and  
24 S. ranges 14 and 15 E. Iron

North between secs. 31 & 36.  
var.  $13^{\circ}35'$  East

As per Buitt's improved solar compass.

18.10 Santa Cruz wire, 40 lbs. wide, runs N.

37.50 Leave bottom.

40.00 Set a post, marked 14 S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the ground,  
and build mound of stones 2 ft.  
high, as per instructions  
for 44 sec. cor.  
from which

A Mesquite, 10 in. dia. top S.  $15^{\circ}$  E. 38 lbs. dist.

do. 9 " " East, 67 " "

60.25 Arroyo, 20 lbs. wide, bro. N.

80.00 Set a post, marked and notched,  
4 ft. long, 3 in. sq. to 1 ft. in the  
ground, and build mound of

Between Tps. 23 S. Rgs. 14 & 15 E.

62

Gila and Salt River Meridian

BOOK 1486

Two stones 2 ft. high, as per instructions  
for cor. to Secs. 25-30-31 and 36,  
from which

A Mesquite, 8 in. dia. or. S. 75° W. 144 lbs. dist.

do. 8 " " " N. 70° W. 144 " "

No other trees near.

Rich bottom land. Mesquite timber.

---

North between Secs. 25 & 30  
var. 13° 35' East

40.00 Set a post, marked 1/4 S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the  
ground, drive charred stakes and  
build mound of earth 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 post, marked and  
notched, 4 ft. long, 3 in. sq. d. 1 ft.  
in the ground, and build



Between Tps. 23 S. Rps. 14 & 15 E.  
Gila and Salt River Meridian

BOOK 1488

Do. mound of stones 2 ft. high, as  
per instructions, for cor. to Secs.  
19, 24, 25 and 30, from which  
An Oak, 5 in. dia. base, S. 85° W. 24 lbs. dist.  
do. 4 " " " S. 70° E. 91 " "  
No other trees near.  
Rolling grass land.  
Scattering trees

North between Secs. 19 & 24  
var. 13° 35' East

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

An Oak 12 in. dia. base, South, 15 lbs. dist.

do. 12 " " " S. 40° W. 19 " "

47.50 Bluff

48.00 Arroyo.

Between Tps. 23 S. Rgs. 14 & 15 E.  
64 Gela and Salt River Meridian

Pr. Continued, BOOK 1486

77.50 Enter a flat, brs. E.

80.00 Set a post, marked and notched, 4  
ft long. 3 in. sq. do. 1 ft. in the ground,  
drill charred stake and build a  
mound of earth 2 ft high, with  
pit 1 ft deep. 2 ft long. 1 ft wide, as  
per instructions, for cor. to Secs.  
13, 18, 19 and 24, from which

across, 7 in. dia. brs. N. 85° E. 140 br. dist  
do. 9 " " " S. 35° E. 251 " "

No other trees near.

Mostly rolling grass lands.  
Scattering trees.

North, between secs. 13 & 18.

var. 13° 35' East

11.50 Arroyo, 40 brs wide, runs N.

18.00 Leave flat

40.00 Set a post, marked 1/4 S. 4 ft.

Between Tps. 23 S. Rgs. 14 & 15 E.

65

Gela and Salt River Meridian

BOOK 1486

No. 1. Long, flattened 3 in. wide, 1 ft. in the ground, and build around of stones 2 ft. high, as per instructions, for 4 sec. cor. from which

An oak, 14 in. dia. br. S. 50° E. 72 lbs. dist.

do. 12 " " " N. 5° E. 90 " "

80.00 Set a post, marked and notched, 4 ft. long, 3 in. sq. d. 1 ft. in the ground, and build around of stones 2 ft. high, for cor. to secs. 7, 12, 13 and 18. from which

An oak, 10 in. dia. br. West, 94 lbs. dist.

No other trees near.

Rolling grass land. Scattered trees

North between secs. 11 & 12.

var. 13° 35' East

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



Between Tps. 23 S. Rgs. 14 & 15 E.

66  
Gila & Salt River Meridian

BOOK 1486

Ins. drive charred stake and build a mound 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.  
No trees near.

43.00 Arroyo, 10 lbs. wide, runs N.

80.00 Set a post, marked and notched, 4 ft long, 3 in. sq. d. 1 ft in the ground and build mound of stone 2 ft high, as per instructions, for cor. to sec. 1, 6, 7 and 12.

No trees near.

Rolling grass land. No timber of consequence.

---

North, on true line bet. sec. 1 & 6.

var.  $18^{\circ} 35'$  East.

40.00 Set a post, marked  $\frac{1}{4}$  d. 4 ft long, flattened 3 in. wide, 1 ft in the ground. drive charred stake and build a mound of earth 2 ft high, with

Between Tps. 23 S. Rps. 14 E. & 15 E.  
Gila and Salt River Meridian

BOOK 1486

38.00 pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per  
instruction, for 1/4 sec. cor. No trees near.  
Set a granite stone, 12 x 9 x 7 inches, 2/3 in  
the ground, notched S. and N., and on  
N. build mound of earth 2 ft. high, with pits  
1 ft. deep, 2 ft. long, 1 ft. wide, for cor. to Secs.  
1 & 6, and fractional secs. "1 A" & "6 F."  
(See Note in Field Notes of Subdivision of Tps.  
23 S.: R. 14 E. at line between Secs. 1 & 2.)  
No trees near.

Thence I run

North on random line between Secs. "1 A" & "6 F."  
var.  $13^{\circ}35'$  East.

39.40 Intersect S. boundary of Tps. 22 S. R. 14 E., 78 lbs.  
N. of cor. to Tps. 22 & 23 S. Rps. 14 E. & 15 E. from  
which cor. I run

South, on true line between Secs. "1 A" & "6 F."  
var.  $13^{\circ}35'$  East.

39.40 Cor. to Secs. "1 A" & "6 F.", and 1 and 6.  
Rolling grass land. Scattering trees.

December 5, 1876.

Between Tps. 23<sup>d</sup> & 24<sup>th</sup> S. R. 13<sup>E</sup>

Gila <sup>2<sup>d</sup></sup> Salt River Meridian

BOOK 1486

December 13, 1876.

Tps. From the cor. to Tps. 23 and 24 S.  
Rgs. 13 and 14 E. Iron

Wet on true line between 1<sup>st</sup> & 3<sup>rd</sup>.  
Var. 13° 39' East

As per 1 Buco's improved solar compass

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

An. var. 5 in. dia. bas. N. 70° W. 35 lbs. dist.

do. 4. . . East, 15 . . .

56.00 Acorns, 15 lbs. wide, bas. N. E.

80.00 Set a post, marked and notched,  
4 ft long, 3 in. sq. d. 1 ft in the ground,  
drive charred stake and build  
mound of earth 2 ft high, with  
pits 1 ft deep, 2 ft long, 1 ft wide



Between Tpo. 23<sup>rd</sup> W. S. R. 13 E.

69

Gila and Salt River Meridian

BOOK 1486

As per instructions, for the cor. to see  
1. 2. 35 and 36. from which  
An Oak, 8 in. dia. br., S. 84° E. 50 br. dist.  
do. 12 " " " S. 35° E. 49 " "  
No other tree seen.  
Rolling grass land. Scattering trees

West

On true line between sec. 2 & 35.

var. 13° 39' East.

0.50 Enter flat, br. N. E.

33.00 Leave it.

40.00 Set a post, marked 74 S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the ground,  
drill charred stake and build  
mound of earth 2 ft. high, with  
pits 1 ft. deep, 2 ft. long, 1 ft. wide,  
as per instructions for 74 sec. cor.  
from which  
An Oak, 12 in. dia. br., S. 65° W. 117 br. dist.  
do. 4 " " " N. 85° W. 48 " "

Between Tps. 23<sup>rd</sup> & 24<sup>th</sup> S. R. 13E.

70  
Gila and Salt River Meridian

BOOK 1486

Chs. Continued, -

80.00 Set a post, marked and notched,  
4 ft long. 3 in. sq. d. 1 ft in the  
ground, and build mound of  
stones 2 ft high, as per instruc-  
tions, for cor. to Secs. 2, 3, 34 and  
35. from which

an Oak, 8 in. dia. br. N. 20 $\frac{1}{2}$ ° W. 158 br. dist.

No other trees near. Flat, then  
Rolling grass land. Scattered trees.

West

Outline between Secs. 3 & 34.

var. 13° 39' East

40.00 Set a post, marked 1/4 S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground, drive  
charred stake and build mound of  
earth 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.

Between Tps. 23 & 24 S. R. 13 E. 71  
Gila and Salt River Meridian

BOOK 1486

No. Continued, -

- 80.00 Set a post, marked and notched, 4 ft long,  
3 in. sq. d. 1 ft in the ground, drive  
charred stake and build mound of  
earth 2 ft high, with pits 1 ft deep, 2 ft  
long, 1 ft wide, as per instructions, for  
cor. to secs. 3, 4, 33 & 34, from which  
an oak, 10 in. dia. br. S. 57 $\frac{3}{4}$  W. 11 lbs. dist  
do. 14 " " N. 85° E. 26 " "  
do. 10 " " S. 10° E. 90 " "  
No other trees near.

Rolling grassland. Some oak timber

---

West

entire line between secs. 4 & 33

var. 13° 39' East.

- 18.40 Arroyo, 10 lbs. wide, br. N. E.

- 40.00 Set a post, marked 1/4 S. 4 ft long, flat-  
tined 3 in. wide, 1 ft in the ground, drive  
charred stake and build mound of



Between Tps. 23 & 24 S. R. 13 E.

Gila and Salt River Meridian

BOOK 1486

80.00 earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for 1/4 sec. cor. from which

On Oak, 15 in. dia. br. S. 65° E. 126 lbs. dist.

do. 12 " " " N. 50° E. 79 " "

80.00 Set a post, mowed and notched, 4 ft long, 3 in. sq. d. 1 ft in the ground, drive charred stake and build mound of earth, 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for cor. to Secs. 4, 5, 32 & 33, from which

On Oak, 10 in. dia. br. South, 15 lbs. dist.

do. 8 " " " N. 77° E. 24 " "

do. 8 " " " N. 83 1/2° W. 101 " "

No other trees near.

Rolling grass land. Some oak timber.

---

Nest

Actual line between sec 5 & 32.

var. 13° 39' East N.

Peterson Trs. 23<sup>rd</sup> & 7<sup>th</sup> S. R. 13 E.

Gila and Salt River Meridian

73

BOOK 1486

Ps. Continued,

3.20 Enter a flat

10.50 Leave it.

40.00 Set a post, marked 74 S. of fl. long, flattened 3 in. wide, 1 ft. in the ground, and build around of stones 2 ft. high, as per instructions, for 74 sec. cor. from which an oak, 8 in. dia. br. S. 10° W. 12 hrs. dist. No other trees near.

62.00 Top of a ridge.

80.00 Set a post, marked 8 notched, 4 ft. long, 3 in. sq. dc. 1 ft. in the ground, drove charred stake & build mound of earth 2 ft. high, with pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per instructions, for cor. to sec. 5, 6, 31 and 32, from which an oak 14 in. dia. br. West, 26 hrs. dist. do 13 " " " South, 107 " " "

Rolling grass land mostly. Some oak timber.

Between Tps. 23 & 24 S. R. 13 E.

Gila & Salt River Meridian

BOOK 1486  
No. 1 West on true line bet. sec. 6 & 31.

Var.  $13^{\circ}39'$  East.

- 10.00 Top of ridge running N.  
19.00 Enter small valley bet. N.  
23.50 Arroyo, 20 lvs. wide, bas. N.  
24.00 Leave valley.  
40.00 Set a post, marked 14 S. 4 ft. long, flattened 3 in. wide  
1 ft. in the ground, and build mound of stones  
2 ft. high, as per instructions, for 14 sec. cor. from which  
an oak, 14 in. dia. bet. S.  $40^{\circ}$  W. 77 lvs. dist.  
do. 6 " " North, 50 " "  
54.00 Arroyo, 10 lvs. wide, bas. N. E.  
80.00 Set a post, marked & notched, 4 ft. long, 4 in. sq. L.  
1 ft. in the ground, and build mound of stones 2 ft. high,  
as per instructions, for cor. to Tps. 23 & 24  
S. Rgs. 12 & 13 E. from which  
an oak, 8 in. dia. bet. N.  $13^{\circ}$  W. 73 lvs. dist.  
do. 8 " " " S.  $72^{\circ}$  E. 67 " "  
do. 10 " " " S.  $27^{\circ}$  W. 27 " "  
do. 20 " " " N.  $85^{\circ}$  W. 90 " "
- Grass lang with little valleys. Oak  
timber.



Between Tps. 23 S. Rgs. 12 & 13 E  
Gila & Salt River Meridian

175

December 13, 1876 **BOOK 1486**

As. From the cor. to Tps. 23 and 24 S. Rgs.  
12 and 13 E. Run

NORTH between sec. 31 & 36  
var.  $13^{\circ} 34'$  East.

As per Beant's improved solar compass.

40.00 Set a post, marked 74 S. 4 ft long, flattened  
3 in wide, 1 ft in the ground, and build  
mound of stones 2 ft high, as per in-  
structions for 74 sec. cor. from which  
An Oak, 10 in. dia. br. N.  $70^{\circ} W.$  37 bu. dist.  
do. 7 " " S.  $75^{\circ} E.$  51 " "

60.50 Enter a little valley, br. N.

80.00 Set a post, marked and notched, 4  
ft long, 3 in. sq. d. 1 ft in the ground, and  
build mound of stones 2 ft high, as per  
instructions, for cor. to Secs. 25, 30,  
31 and 36, from which

A Tarais tree, 8 in. dia. br. N.  $73^{\circ} E.$  32 bu. dist.  
An Oak, 12 " " N.  $88^{\circ} W.$  243 " "

Between Tps. 23 S. Rgs. 12 & 13 E.  
Gila and Salt River Meridian

BOOK 1486

Ch. No other trees near.

This cor. comes in little valley, run-  
ning N. then N. E.

Little valleys and rolling grassland.  
Scattering oak timber

North between secs. 25 & 30.  
var.  $13^{\circ} 34'$  East.

29.00 Arroyo, 150 lbs. wide, runs E. of N.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft. long, flat-  
tend 3 in. wide, 1 ft. in the ground. Drive  
charred stake and build mound of  
earth 2 ft. high, with pits 1 ft. deep, 2 ft. long,  
1 ft. wide, as for instructions for  $\frac{1}{4}$  sec.  
cor. from which

Run back, 15 in. dia. to  $S 75^{\circ} E. 182$  rods dist.

do. 20 " " " N.  $80^{\circ} W. 160$  " "

57.50 Leave the valley, bearing N. of N.,  
then turning N.

80.00 Set a post, marked and notched,

Between Tps. 23 S. Rgs. 12 & 13 E. 177

Gila and Salt River Meridian

BOOK 1486

No. 4 ft long. 3 in. sq. d. (ft. in the ground, and  
build mound of stones 2 ft high, as  
per instructions, for cor. to Secs. 19, 24,  
25 and 30, from which

An Oak, 9 in. dia. - W. 68 in. dist.

do. 6 " " N. 10° W. 61 " "

No other trees near. Cor. just below  
rocky bluff, on the E.

The line runs down a little valley.  
Good land. Oak timber.

---

North between Secs. 19 & 24.  
var. 13° 34' East

No. 00 Set a post, marked 74 S 4 ft long, flat-  
tend 3 in wide, (ft. in the ground,  
drive charred stake and build  
mound of earth 2 ft high, with pits  
1 ft deep, 2 ft long, 1 ft wide, as per  
instructions, for 74 sec. cor.  
No trees near.



Between Tps. 23 S. Rgs 12 & 13. E.

98  
Gila and Salt River Meridian

BOOK 1486

Pro. Continued, -

80.00 Set a granite stone, 12 x 9 x 6 inches,  $\frac{2}{3}$  in the ground, notched S. and N. and on N. build mound of earth 2 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions, for cor. to sees. 13, 18, 19 and 24. No trees near. Land rolling and some broken. Scattering trees.

December 13, 1876.

---

North between sees. 13 & 18.

var. 13° 34' East.

30.00 Enter flat.

31.00 Across, 150 hrs. wide, 600. E.

40.00 Set a post, marked 94 S. 4 ft long flattened 3 in. wide, 1 ft in the ground, drive charred stake and build mound of earth 2 ft high, with pits 1 ft deep, 2 ft long, 1 ft wide.

Between Tps. 23 S. Rgs. 12 & 13 E.

79

Gila and Salt River Meridian

BOOK 1486

As per instructions, for 14 sec. cor.

No trees near.

45.00 Leave flat.

80.00 Set a post, marked and notched,  
4 ft long, 3 in. sq, 1 ft in the ground,  
and build mound of stones 2  
ft high, as per instructions, for cor  
to secs. 7, 12, 13 and 18, from which  
an oak, 6 in diameter S 40° E. 80 lbs. dist.

Do. 8 " " " N. 67 1/2° E. 101 " "

No other trees near.

Rolling grass and flat land.

Some oak timber

---

North between secs. 12 & 13.

var. 13° 34' East

40.00 Set a post, marked 14 S. 4 ft long, flat-  
tined 3 in. wide, 1 ft in the ground,  
drive charred stake and build a  
mound of earth 1 ft high, with

Between Tps. 23 S. Rps. 12 & 13 E.  
Gila and Salt River Meridian

BOOK 1486

Chs. pits 1 ft. deep, 2 ft. long, 1 ft. wide, as per  
instructions for 14 sec. cor.

No trees near

80.00 Set a post, marked and notched,  
4 ft. long. 3 in. sq. d. 1 ft. in the ground,  
drive charred stake and build  
mound of earth 2 ft. high, with  
pits 1 ft. deep, 2 ft. long, 1 ft. wide,  
as per instructions, for cor. to sec.  
1, 6, 7 and 12, from which

Ac. base, 14 in. dia. base, N. 6° W. 87 lbs. dist.

do. 30 " " " N. 87° W. 198 " "

do. 11 " " " S. 27° E. 35 " "

No other trees near.

Rolling grass land.

Some oak timber

---

North between sec. 1 & 6.

var. 13° 34' East

39.50 Arroyo, 15 lbs. wide, base E.



Gila and Salt River Meridian

Continued

BOOK 1486

40.00 Set a post, marked 14 S. 4 ft long, flat-topped 3 in. wide, 1 ft in the ground, and build mound of stones 2 ft high, as per instructions, for 14 sec. cor. from which an oak, 8 in. dia. br. S. 75° W. 203 lbs. dist.

No other trees near.

51.80 Arroyo, 25 lbs. wide, br. E.

78.00 Top of high ridge, running E.

80.00 Set a post, marked and notched, 4 1/2 ft long, 4 in. sq. d. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions, for cor. to Tps. 22 and 23 S. Rgs. 12 and 13 E. from which an oak, 15 in. dia. br. N. 41° 1/2 E. 221 lbs. dist.

do. 6 " " " East. 180 " "

No other trees near. Cor. on N. E. slope of high hill.

Rolling and broken ground. Some oak timber.

December 14, 1876.

Between Tps. 22 & 23 S. R. 13 E.

Gila and Salt River Meridian

BOOK 1486 December 14, 1876.

Ch. From the cor. to Tps. 22 & 23 S. Rps. 12 and  
13 E. I run

East on random line along N. boundary  
of secs. 6, 5, 4, 3, and 2.

var.  $13^{\circ}30'$  East.

As per Burt's improved solar compass.  
And at point of termination I have  
run 4 miles and 79.30 chs., and am  
at a point 120 lbs. N. of the cor. to secs.  
1, 2, 35 and 36, already established in  
former surveys. Therefore the cor-  
rection back, on true line, will be  
70 lbs. N., and 24 lbs. S. per mile, and  
from the cor. to secs. 1, 2, 35 and 36, I run  
N.  $89^{\circ}50'$  W.

On true line between secs. 2 & 35.

var.  $13^{\circ}30'$  East.

19.00 Allison's house about 8 chs. N. of line.

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

Between Tps. 22 & 23 S. R. 12 E.

83

Gila and Salt River Meridian

BOOK 1486

Rs. Charred stake and build mound of  
earth 2 ft high, with pits 1 ft deep,  
2 ft long, 1 ft wide, as per instructions  
for 1st sec. cor. from which

A Willow, 8 in. dia. br. N. 61 1/2° W. 222 lbs. dist.

do. 20 " " " N. 10° E. 328 " "

55.00 Santa Cruz river, 60 lbs. wide, runs N.

54.00 Swampy place.

68.00 Arroyo, 35 lbs. wide, brs. N. E.

80.00 Set a post, marked & notched, 4 ft long, 3  
in. sq. d. 1 ft in the ground, drive charred  
stake and build mound of earth 2  
ft high, with pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions for cor. to Secs. 2, 3.

34 and 35. from which

A Mesquite, 12 in. dia. br. S 73° E. 37 lbs. dist.

do. 14 " " " N. 51° E. 37 " "

do. 12 " " " South, 40 " "

do. 6 " " " S 77° W. 71 " "

Mostly rich bottom land. Some timber



Between Tps. 22 & 23 S. R. 13. E.  
Gila and Salt River Meridian

BOOK 1486

No. N. 89° 50' W.

BOOK 1486

On true line between sec. 3 & 34.  
var. 13° 30' East

26.00 Leave Santa Cruz valley.

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

A Mesquite, 3 in. dia. base N. 50° W. 100 lbs. dist.  
to 4 " " S. 50° W. 101 " "

54.00 Arroyo, 30 lbs. wide, base N. E.

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

33 and 34. from which

A Mesquite, 6 in. dia. base N. 5° E. 73 lbs. dist.  
No other trees near.  
Rolling grass land. Scattering trees.

Between Tps. 22 & 23 S. R. 13 E. 85

Gila and Salt River Meridian

BOOK 1486

S. N. 89° 50' W.

Ante line between secs. 4 & 33.

var. 13° 30' East.

9.50 Top of ridge, bearing N. E.

40.00 Set a post, marked 14 S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground, and  
build mound of stones 2 ft high, as  
per instructions, for 14 sec. cor. No trees near.

45.00 Enter flat.

56.50 Arroyo, 250 lbs. wide, bearing N. E.

74.00 Leave flat.

80.00 Set a post, marked 14 S. 4 ft long, flat-  
tened 3 in. wide, 1 ft in the ground, drove  
chopped stake and build mound of  
earth 2 ft high, with pile 1 ft deep, 2 ft  
long, 1 ft wide, as per instructions, for cor.

to secs. 4, 5, 32 and 33, from which  
an oak, 14 in. dia. bearing S. 5° W. 127 lbs. dist.  
No other trees near.

High rolling grass land. Scattering trees.

Between Tps. 22 & 23 S. R. 13 E.

86

Gila and Salt River Meridian

Tr. N.  $89^{\circ}50'$  W.

BOOK 1486

On true line between sees. 5 & 32.

var.  $13^{\circ}30'$  East

37.10 Arroyo, 10 hrs. wide, runs S.

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

An Oak, 12 in. dia. tr. N.  $45^{\circ}$  W. 86 hrs. dist.  
No other trees near.

80.00 Set a porphyry stone,  $12 \times 10 \times 6$  inches,  
 $\frac{2}{3}$  in the ground, scratched E. and W.  
and on W. build mound of stones  
2 ft. high, as per instructions for  
cor. to sees. 5, 6, 31 and 32.  
No trees near.

Rolling grass land.  
Scattering trees.



Between Tps. 22 & 23 S. R. 13 E.  
Gila and Salt River Meridian

Chs. N. 89° 50' W.

BOOK 1486

Course line between sec. 6 & 7 E.  
var. 13° 30' East

40.00 Set a porphyry stone, 14 x 11 x 6  
inches,  $\frac{2}{3}$  in the ground, marked  
14., and on W. build mound of  
stones 2 ft high, as per instru-  
tions, for 14 sec. cor. No trees near

79.30 The corner to Townships  
22 and 23 S. Range 12 and  
13 E.

Rolling grass land.  
A few trees.

December 14, 1876.

Between Tps. 22 S. Rqs. 12 & 13 E.

Gila & Salt River Meridian

BOOK

1486

December 22, 1876

Chs. From the cor. to Tps. 22 and 23 S. Rqs.  
12 and 13 E. Iron

BOOK 1486

North between sec. 31 & 36.  
var.  $13^{\circ}30'$  East.

As per Burt's improved solar compass  
40.00 Set a post, marked  $\frac{1}{4}$  S.  $4\frac{1}{2}$  ft. long, flat-  
tened 3 in. wide,  $1\frac{1}{2}$  ft. in the ground, drive  
charr'd stake and build mound 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. No trees near

80.00 Set a post, marked and notched,  $4\frac{1}{2}$  ft.  
long, 3 in. sq. d.  $1\frac{1}{2}$  ft. in the ground, drive  
charr'd stake and build mound of  
earth 2 ft. high, with pits 1 ft. deep, 2  
ft. long, 1 ft. wide as per instruction  
for cor. to sec. 25, 30, 31 and  
36.

from which.

Between Tps. 22 S. Rps. 12 & 13 E.

Gila and Salt River Meridian

BOOK 1486

BOOK 1486

- Ins. On Oak, 4 in. dia. base S. 24° W. 58 lbs. dist  
do. 8 " " " S. 28° E. 77 " "  
do. 6 " " " N. 56° E. 86 " "  
do. 6 " " " N. 15° W. 96 " "  
Rolling grass land. Oak timber
- 

North between secs 25 & 30.  
cor. 13° 30' East.

- 40.00 Set a porphyritic rock, 20x10x8 inches,  $\frac{3}{4}$  in the ground, marked  $\frac{3}{4}$ , and on N. build mound of stones 2 ft high, as per instructions, for  $\frac{3}{4}$  sec. cor. No trees near.
- 61.50 High rocky bluff, and descend into a cañon, where is running water.
- 80.00 Set a post, marked & notched, 4 ft. long, 3 in. sq. d. 1 ft in the ground, and build mound of stones 2 ft. high, as per instructions, for cor. to secs 19, 24, 25 & 30. No trees near.  
Rolling and broken. Good grass land. A few trees



Between Tps. 22 S. Rq. 12 & 13 E.

Gila and Salt River Meridian

BOOK 1486

The North between secs. 19 & 22.  
Mer.  $13^{\circ}30'$  East

40.00 Set a granite stone,  $11 \times 7 \times 7$  inches,  $\frac{2}{3}$  in the ground. marked  $\frac{1}{4}$ , and on N. build mound 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.  
No trees near.

80.00 Set a post, marked and notched 4 ft long, 3 in. sq. d. 1 ft in the ground, and build mound of stones 2 ft high, as per instructions, for cor to secs. 13, 18, 19 and 22.  
No trees near.

Rolling grass land.  
No timber.

---

Between Tps. 22 S. Rgs. 12 & 13 E.

91

Gila and Salt River Meridian

BOOK

1486

No. North between secs. 13 & 18.

var.  $13^{\circ}30'$  East.

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft. long, flattened 3 in. wide,  $\frac{1}{4}$  in the ground, and build a mound of stones 2 ft high, as per instructions, for  $\frac{1}{4}$  sec. cor. No trees near.

48.00 Arroyo, 20 hrs. wide, runs E.

80.00 Set a granite stone,  $18 \times 8 \times 7$  inches,  $\frac{3}{4}$  in the ground, notched S. and N. and on N. build a mound of stones 2 ft high, as per instructions, for cor. to secs. 7, 12, 13 and 18. No trees near.

Rolling grass land.

No timber.

Between Tps. 22 S. Rgs. 12 & 13 E.  
Gila and Salt River Meridian

BOOK 1486 BOOK 1486

79. North between secs. 7 & 12.  
var.  $13^{\circ} 30'$  East.

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

No trees near.

80.00 Set a post, marked & notched, 4  
ft long, 3 in. sq. d., 1 ft in the  
ground, and build mound of  
stones 2 ft high, as per instruc-  
tions for cor. to secs. 1, 6, 7 and  
12.

No trees near.

Rolling grass land.

No timber.



Between Tps. 22 S. Rgs. 12 & 13 E.  
Gila and Salt River Meridian

No. North

BOOK 1486

BOOK 1486

On random line between secs. 1 & 6.  
var.  $13^{\circ}30'$  East.

- 38.00 Arroyo, 15 hrs. wide, runs E.  
40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
80.71 Intersect N. boundary 64 hrs. E. of  
cor. to Tps. 21 and 22 S. ranges 12  
and 13 E. (established in previous  
survey.) From which cor. I run  
S.  $0^{\circ}29'$  E.

On true line between secs. 1 & 6.  
var.  $13^{\circ}30'$  East.

- 40.71 Set a post, marked  $\frac{1}{4}$  S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the ground,  
and build mound of stones 1 ft.  
high, as per instructions, for  $\frac{1}{4}$  sec. cor.  
No trees near.

- 80.71 Cor. to secs. 1, 6, 7 and 12.  
Rolling grass land. No timber  
December 22, 1876

Between Tps. 21 & 22 S. R. 13 E.

94

Gila and Salt River Meridian

BOOK

1486

December 22, 1876.

Pos. From a cor. established in previous  
surveys to secs. 3, 4, 33 & 34, Iron

Cast on true line between sec. 3 & 34.  
Dir.  $13^{\circ}40'$  East.

As per Burt's improved solar compass.

40.00 Set a post, marked  $14$  S.  $4$  ft long, flat-  
tened  $3$  in wide,  $1$  ft in the ground, drive chisel  
stake and build mound of earth  $2$  ft high, with  
pits  $1$  ft deep,  $2$  ft long,  $1$  ft wide, as per instructions  
for  $14$  sec. cor. No trees near.

80.00 Set a porphyritic stone,  $13 \times 11 \times 6$  inches  
 $2/3$  in the ground, notched N. and E.  
and on E. build mound of earth  $2$  ft  
high, with pits  $1$  ft deep,  $2$  ft long,  $1$  ft wide,  
as per instructions, for cor. to Secs. 2,  
3, 34 and 35. No trees near.

Rolling grass land, ascending  
E. No timber.

Between Tps. 21 & 22 S. R. 13 E.

Gila & Salt River Meridian

95

BOOK 1486

40.00 East. section line bet. sec. 2 & 35.

var.  $13^{\circ}40'$  East

40.00 Set a post marked  $\frac{1}{4}$  S. 4 ft long, flattened  
3 in wide,  $\frac{1}{2}$  in the ground, drive  
chopped stake and build mound 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. No trees near.

80.00 Set a porphyry rock,  $11 \times 8 \times 7$  inches,  
 $\frac{2}{3}$  in the ground, notched N. and E.  
and on E. build mound of earth 2 ft high,  
with pits 1 ft deep, 2 ft long, 1 ft wide, as per  
instructions for cor. to sec. 1 & 2.

75 and 36. No trees near.

Land rolling then broken. No timber  
Further E. the line becomes un-  
practicable on account of  
unpassable mountains. There-  
fore run no further E.

December 22, 1876.



96  
Traverse Line Through Tp. 21 S. R. 13 E.  
Gila and Salt River Meridian

BOOK 1486 December 28, 1876.

No. From the cor. to sec. 35 & 36, on S. boundary  
of the Tp. Drum

North between sec. 35 & 36.  
var.  $13^{\circ}40'$  East

As per Burt's improved Solar compass.

40.00 Set a post, marked W.S. 4 ft long, flattened 3  
inches wide, 1 ft in the ground. Drive charred  
stake and build mound 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. No trees near.

80.00 Set a post, marked E. notched, 4 ft long,  
3 in. sq. d. 1 ft in the ground, and build  
mound of stones 2 ft high, as per  
instructions, for cor. to sec. 25.  
26-35 and 36.

No trees near.

Rolling grassland.  
No timber.

Traverse line through Tp. 21 S. R. 13 E.

Gila and Salt River Meridian

BOOK 1486

Ch. The land on the E. is still impracticable  
for extension of line: so I run from last cor.,  
North between secs. 25 & 26.  
var.  $13^{\circ}40'$  East.

20.00 Bluffs

40.00 Set a post, marked  $\frac{1}{4}$  S.  $\frac{1}{4}$  flong, flattened  
3 in. wide, 1 ft in the ground, and build a  
mound of stones 2 ft high, as per instructions  
for  $\frac{1}{4}$  sec. cor. from which  
a Mesquite, 10 in. dia. bur. S.  $28^{\circ}$  E. 256 lbs. dist.  
No other trees near.

50.00 Arroyo, 100 lbs. wide, and enter little valley bro. S. W.

59.50 Leave little valley.

80.00 Set a post, marked  $\frac{1}{4}$  notched,  $\frac{1}{4}$  flong,  
3 in. sq. d. 1 ft in the ground, and build mound  
of stones 2 ft high, as per instructions  
for cor. to Secs. 23, 24, 25 & 26, from which  
a Mesquite, 3 in. dia. bur. S.  $65^{\circ}$  E. 173 lbs. dist.  
No other trees near.  
Small valley and rolling grass land.  
No timber of consequence.

Traverse Line in Twp. 21 S. R. 13 E.

Gila & Salt River Meridian

From the last established cor. Run  
No. East. outline line between sec. 24 & 25.  
BOOK 1486 var. 13° 48' East.

15.00 Arroyo, 50 ft. wide, runs S. W.

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

No trees near.

80.00 Set a granite stone, 13 x 6 x 6 inches,  
 $\frac{2}{3}$  in the ground, notched W.  
and E. and on E. build mound  
of stones 2 ft high, as per in-  
structions, for cor. to sec.

19. 24. 25 and 30.

No trees near.

Rolling grass land.

No timber



Between Tps. 21 S. Rgs. 13 & 14 E.

Gila & Salt River Meridian

From cor. to sec. 19, 24, 25 & 30. In run  
North between sec. 19 & 24,  
var.  $18^{\circ} 37'$  East.

BOOK 1486

As per Burt's improved solar compass  
40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long flat-  
tened 3 in. wide, 4 ft in the ground. Drive  
charred stake and build mound of  
earth 2 ft high, with pits 4 ft deep,  
2 ft long, 4 ft wide, as per instruc-  
tions for 14 sec. cor. No trees near.

80.00 Set a granite stone,  $13 \times 10 \times 9$   
inches,  $\frac{1}{3}$  in the ground, scratched  
S. and N. and on N. build  
mound of earth 2 ft high,  
with pits 4 ft deep, 2 ft long, 4 ft  
wide, as per instructions  
for cor. to sec. 13, 18, 19 and  
24. No trees near.

Rolling grassland.  
No timber

Between Tps. 21 S. Rps. 13<sup>q</sup> / 14 E.  
Gela & Salt River Meridian

BOOK 1486

Chs. North between sec. 13<sup>q</sup> & 18.  
var. 13° 37' East.

10.00 Old road bns. S. W.

40.00 Set a post, marked 94 S. off fl. long,  
flattened 3 in. wide, 1 ft. in the  
ground, and build mound  
of stones 2 ft. high, as per in-  
structions for 94 sec. cor.  
No trees near.

80.00 Set a granite stone, 12 x 10 x  
8 inches,  $\frac{2}{3}$  in the ground,  
notched S. and N. and build  
on N. a mound of stones  
2 ft. high, as per instructions  
for cor. to Secs. 7, 12, 13 and  
18.

No trees near.

Rolling grass land.

No timber.

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Between Tps. 21 S. Rps. 13 & 14 E.

101

Gila & Salt River Meridian

BOOK 1486

North between secs. 7 & 12.  
var.  $13^{\circ} 37'$  East

40.00 Set a post, marked  $\frac{1}{4}$  S. 4 ft long,  
flattened 3 in. wide, 1 ft in the  
ground, drive charred stake and  
build mound 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.

No trees near.

80.00 Set a granite stone,  $16 \times 10 \times 8$  inches,  
 $\frac{2}{3}$  in the ground, notched  
S and N and on N. build a  
mound of earth 2 ft high, with  
pits 1 ft deep, 2 ft long, 1 ft wide,  
as per instructions, for cont  
secs. 1, 6, 7 and 12.

No trees near.

Rolling grassland.

No timber.



Between Tps 21 S. Rgs. 13 & 14 E.

182

Gila and Salt River Meridian

BOOK 1486

Ch. North between sec. 1 & 6.

var.  $13^{\circ}37'$  East.

4000 Set a post, marked 14 S. 4 ft long,  
flattened 3 in wide. (Run the ground,  
dug a chert stake and build mound  
of earth 2 ft high, with pits  
1 ft deep, 2 ft long, 1 ft wide, as  
per instructions for the sec. cor.  
from which

A mesquite, 12 in. dia. base, N.  $70^{\circ}$  W. 60 in dia. h.  
No other trees near.

44.00 Arroyo, 25 in. wide, base N.

80.00 Fourth Standard Parallel S.

Set temporary cor. until the  
Standard line is extended

Rolling grass land.

Scattered mesquite trees.

December 28. 1876

Boundary of Tps. 20 S. R. 13 E.  
Gila & Salt River Meridian

103

December 28, 1876.

BOOK 1486

Requiring at Standard cor. to Tps. 20 S. Rgs. 12 & 13 E., (previously established by S. W. Foreman, ) it being a post in mound of earth, just N. of a dry wash, I run

W. true line on S. boundary sec. 31.  
var.  $13^{\circ}30'$  East

As per Burt's improved solar compass.

- 1.30 Across, 20 lns. wide, b. s. E.  
34.00 Enter Santa Cruz valley.  
40.00 Set a post, marked  $1/4$  S. of blong, flattened 3 in. wide, 1 ft in the ground, drive charred stake and build mound of earth 1 ft high with pits 1 ft deep, 2 ft long, 1 ft wide, as per instructions for  $1/4$  sec. cor. from which  
A Mcquile, 4 in. dia. b. s.  $37^{\circ}$  E. 134 lns. dist.  
do. 7 " " "  $23^{\circ}$  N. 257 " "
- 66.00 Road runs N. W.

104  
S. Boundary of Tr. 20 S. R. 13 E.  
Gila & Salt River Meridian

BOOK 1486

Prs. Continued, -

71.00 Road runs N.

71.10 Brush fence bet. N. and S.

80.00 Set a post, marked and notched,  
4 ft long. 3 in. sq. d. 1 ft in the ground,  
drive chiseled stake and build a  
mound of earth 1 ft deep, 2 1/2 ft  
long, 1 1/2 ft wide, as per instructions  
for cor to sec. 31 and 32, from which  
a Mesquite 17 in. dia. br. N. 12° W. 328 ft. dist.  
No other trees near.

Land rich in valley.

Scattering trees.

† Cont.

On true line on S. boundary sec. 32.  
var. 13° 30' East.

18.80 Santa Cruz river, 20 loca wide, flows N.

28.50 Leave valley.

40.00 Set a post, marked 1/4 S. 4 ft long



S. Boundary of Sp. 20 S. R. 13 E.

105

Gila & Salt River Meridian

BOOK 1486

Chs. flattened 3 in wide, 1 ft in  
the ground, and build mound  
of stones 2 ft high, as per in-  
structions, for  $\frac{1}{4}$  sec. cor.  
from which

a mesquite, 8 in. dia. - bears S. 85° W. 127 lbs. dist.

No other trees near.

61.50 Arroyo, 10 lbs wide, runs S. W.

80.00 Set a granite stone, 12 x 10 x  
10 inches,  $\frac{2}{3}$  in the ground,  
notched N. and E. and on  
E. build mound of stones  
2 ft high, as per instructions  
for cor. to secs. 32 & 33.

No trees near.

Rich bottom land in valley,  
then upland.

A few mesquite trees.

December 28. 1876.

109  
S. Boundary of Tp. 20 S. R. 13 E.  
Gila and Salt River Meridian

No. East

BOOK 1486

Put true line on S. boundary sec. 33.  
var. 13°30' East.

4000 Set a granite stone, 16 x 10 x 8 in-  
ches,  $\frac{2}{3}$  in the ground, marked  
 $\frac{1}{4}$ , and on E. build mound  
of stones 2 ft high, as per in-  
structions, for  $\frac{1}{4}$  sec. cor.

No trees near.

8000 Set a granite stone, 11 x 9 x 7 in-  
ches,  $\frac{2}{3}$  in the ground, notched  
W. and E, and on the E.  
build mound of stones 2  
ft high, as per instructions  
for cor. to sec. 33 and 34.

No trees near.

Rolling grass land.

No timber of consequence

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S. Boundary of Tr. 20 S. R. 13 E  
Gila and Salt River Meridian

1071

Chs. East

BOOK 1486

On true line on S. boundary sec. 34  
var.  $13^{\circ}30'$  East

40.00 Set a post, marked 44 S. 4 ft. long,  
flattened 3 in. wide, 1 ft. in the ground,  
drive charred stake and build mound  
of earth 2 ft. high, with pits 1 ft. deep,  
2 ft. long, 1 ft. wide, as per instructions  
for 4 sec. cor. No trees near.

80.00 Set a granite stone,  $12 \times 10 \times$   
6 inches, 2/3 in the ground,  
notched N. and E., and on  
the E. build mound of earth  
2 ft. high, with pits 1 ft. deep, 2 ft.  
long, 1 ft. wide, as per instruc-  
tions, for cor. to Secs. 34  
and 35. No trees near.  
Rolling grass land.  
No timber.



S. Boundary of Twp. 20 S. R. 13 E.

Gila & Salt River Meridian

BOOK 1486

Chs. East true line on S. boundary Sec. 35.  
 var.  $13^{\circ} 30'$  East.

28.20 An arroyo, 50 hrs. wide, runs N. W.

40.00 Set a post, marked 74 S of blong.

flattened 3 in. wide, of flat the ground.  
 drive charred stake and build mound  
 of earth 2 ft high, with pits 1 ft deep 2  
 ft long. 1 ft wide, as per instructions for  
 74 sec. cor. from which

A Hackberry, 6 in. dia. br. N.  $50^{\circ}$  E. 51 hrs. dist.

A Mesquite, 7 " " S.  $30^{\circ}$  W. 62 " "

This cor. is in a big cañon, running  
 W. and N. W.

79.00 Arroyo, 100 hrs. wide, runs S. W.

80.00 Set a post, marked and notched,

4 ft long. 3 in. sq. d. of flat the ground.  
 drive charred stake and build  
 mound of earth 2 ft high, with  
 pits 1 ft deep. 2 ft long. 1 ft wide  
 as per instructions, for cor. to Sec.

S. Boundary of Tp. 20 S. R. 13 E.  
1090  
Gila and Salt River Meridian

BOOK 1486  
Nos. 35 and 36, from which  
A Hackberry, 9 in. dia. base, S. 5° W. 94 lbs. dist.  
A Mesquite, 12 " " " N. 15° W. 154 " "  
No other trees near.  
Rolling grassland.  
Scattering trees.

East  
On true line on S. boundary of sec. 36.  
var. 13° 30' East.

- 34.25 Bluff.  
40.00 Set a post, marked 1/4 S. of 36  
long, flattened 3 in. wide, 1 ft in  
the ground, drive charred  
stake and build mound of  
earth 2 ft high, with pit  
1 ft deep, 2 ft long, 1 ft wide,  
as per instructions, for 1/4 sec.  
cor. No trees near.  
79.00 Intersect a point 10 lbs. N. of cor.

110  
S. Boundary of Tps. 20 S. R. 13 E.

Gila and Salt River Meridian

BOOK 1486

Pro. to Tps. 21 S. Rps. 13 & 14 E., which  
cor. I formerly set temporarily.  
I now set, (at aforesaid point of in-  
tersection,) a granite stone, 16x12x  
8 inches,  $\frac{2}{3}$  in the ground, notched  
N. S. and E., and on S. build a  
mound of stones 3 ft high, as  
per instructions for closing cor.  
to Tps. 21 S. Rps. 13 & 14 E.

No trees near.

80.00 Set a granite stone, 16x12x10 in-  
ches,  $\frac{2}{3}$  in the ground, notched  
N. N. and E., and on E. build a  
mound of stones 3 ft high, as  
per instructions for standard  
cor. to Tps. 20 S. ranges 13 and  
14 E. No trees near.

Rolling grass land.

No timber

December 30, 1876.



## General Description.

The foregoing are the original field notes of surveys of township lines, executed by me under my contract of September 18, 1876.

The townships embraced, cover rich valley lands along the Sonoita and Santa Cruz rivers, - the water of which is available for irrigation, - together with much fine rolling grass land, furnishing abundant grazing.

Theodore F. White  
U.S. Deputy Surveyor.

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# List of Names.

BOOK 1486

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

*Exterior Lines of Townships 21 S. Rqs. 13 & 16 E.,*

*(including a portion of Fourth Stand- and S.) Tps. 22 S. 13, 14 & 15 E.,*

*and Tps. 23 S. Rqs. 13 & 14 E.*

*Also including some traverse section lines.*

Showing the respective capacities in which they acted.

*Urban Besard* Chairman.

*Alfred Gravel* Chainman,

*P. V. Caldwell* Axeman.

*Allen Bernard* Flagman.

BOOK 1486

We hereby certify that we assisted Theodore F. White U. S. Deputy Surveyor, in surveying Extension lines of Tps. 2 (S. Rgs. 13 & 16 E., (including a portion of Fourth Standard S.) Tps. 22 S. Rgs. 13, 14 and 15 E., and Tps. 23 S. Rgs. 13 and 14 E. Also including some Traverse section lines.

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.

Urban Bernard Chainman.

Alfred Embler Chainman,

P. Y. Caldwell Axeman.

Allan Bernard Flagman.

Sworn to and subscribed before me, this 8th day of January, 1877.

William G. Osborn  
Notary Public



Final Oath of Deputy Surveyor.

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BOOK 1486

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 18<sup>th</sup> day of September

1876. 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

Eastern lines of Tps. 21 S. Rgs. 13 and 16 E., (including portions of Fourth Standard S.,) Tps. 22 S. Rgs. 13, 14 and 15 E., and Tps. 23 S. Rgs. 13 and 14 E. Also including some  
Traverse section lines, 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 perpetuated in strict accordance with the Surveying Manual and printed instructions, and also in accordance with the additional requirements con-

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 H. White

Deputy Surveyor.

BOOK 1486

Sworn to and subscribed before me, this <sup>9th</sup> day of January, 1877.

William J. Osborn  
Notary Public

## U. S. Surveyor General's Office,

TUCSON, ARIZONA, February 19, 1871.

The foregoing Field Notes of the Survey of the

Exterior Lines of Tps.

21 S. Rqs. 13<sup>and</sup> 16 E. (including a  
portion of the 4<sup>th</sup> Standard South), Tps. 22 S.  
Rqs. 13, 14<sup>and</sup> 15 E., & Tps. 23 S. Rqs. 13<sup>and</sup> 14 E.,

Also including some traverse section lines,

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by Theodore F. White,

Deputy Surveyor, under his contract of the 18<sup>th</sup>

day of September, 1870, having been

critically examined and the necessary corrections and explana-

tions made, the said Field Notes and the surveys they describe

are hereby approved.

John Mason  
Surveyor General.