

Book A.  
NORTH, EAST AND WEST BDRS. T. 1, N, R. 23, W 4

1627

1627

BOOK 1627

②

4-671

**FIELD NOTES**  
GENERAL LAND OFFICE.

1627

1627

BOOK 1627

Field Notes

of the survey of the  
East, north and west boundaries  
of

Township No. 1 north,  
Range No. 23 West,  
of the

Gila and Salt River Base  
and meridian  
in the

Territory of Arizona

As Surveyed by

John A. Barry,

U. S. Deputy Surveyor,

Under his contract, No. 84,

Dated July 13, 1901.

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Survey Commenced March 31, 1902

Survey Completed April 3, 1902

Names and Duties of Assistants.

C. Hamilton	chainman
Alfonzo Lopez	chainman
A.W. Frankenberg	axeman
Alturo Lopez	flagman

BOOK 1627

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River  
 Colorado River  
 RIVER

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Not Exist

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4

East Boundary of T. 1 N., R. 23 W.

Chains.

I begin March 31, 1902,  
at the standard corner of townships  
1 north, range 22 and 23 west.

Latitude  $33^{\circ} 23' N.$ ,

longitude  $114^{\circ} 34' W.$ ,

which cor. I established

March 22, 1902.

Observation on Polaris was  
made by me from this cor.  
at that time, and true meridian  
marked out on ground for  
future reference.

The mean mag. dec. is now  
 $14^{\circ} 00' E.$

From the standard cor. I run  
north bet. secs. 31 and 36.

Over level land, through  
scattering timber.

12.00 Descend 12 ft. to lower ground

*Survey calculated with 4 sec. 4 mm  
constant No. 59 89. Below the circle  
in Book of W. B. G. T. S. A. 23 W.*

## East Boundary of T. 1 N.

Chains.

- course, N. W. and S. E.
- 40.00 Set a malpais stone, 24x6x6 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; from which
- A palo fierro, 6 ins. diam., bears S.  $63^{\circ}$  E., 160 lks. dist. marked  $\frac{1}{4}$  S. 31 B. T. ✓
- A palo fierro, 10 ins. diam., bears S.  $63^{\circ}$  W., 228 lks. dist., marked  $\frac{1}{4}$  S. 36 B. T. ✓
- This cor. stands on rocky bottom land, 15 ft. below sec. cor.
- 45.00 Enter heavy timber, course N. W. and S. E.
- 46.50 Dry creek 100 lks. wide, course N.  $41^{\circ}$  W.
- 50.00 Dry creek 30 lks. wide, course N.  $65^{\circ}$  W.

## R. 23 W. - continued.

Chains.  
\$3.00Dry creek 100 lks. wide, course  
N. 55° W.

66.00

Ascent of 10 ft. from bottom land  
and timber to mesa, bears N. 35° W.  
and S. 45° E.

76.50

Gulch 20 lks. wide, course N 60° W.

80.00

Set a malpais stone, 16 x 8 x 8 ins,  
11 ins. in the ground,  
for cor. of secs., 25, 30, 31, and 36.  
marked with 5 notches on N.,  
and 1 notch on S. edges; and  
raised a mound of stone, 4 ft.  
base 2 ft. high, W. of cor.

Pits impracticable.

Land, level.

Soil, gravelly, and rocky;

2nd and 3rd rate

Timber, palo verde and palo fierro.

Heavily timbered land. 21.00 chs.

## East Boundary of T. 1 N.

Chains,

- North bet. secs. 25 and 30.  
Over "mesa valley"
- 16.00 Gulch 30 lks. wide, course N. 43° W.
- 22.00 Enter, at left edge, wash or ravine, and timber, bearing E. and N. 70° W.
- 28.00 Leave the wash and heavy timber, course N. 70° W; thence on mesa, through scattering timber.
- 35.50 Gulch 10 lks. wide, course W.; leave "mesa valley" course E. and W; thence over rolling mesa land 20 and 40 ft. higher.
- 40.00 Set a malpais stone, 22 x 8 x 6 ins., 17 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face, from which a palo fierro 6 ins. diam; bears

## R-23 W.- continued.

Chains.

N. 11° E., 168 lks. dist., marked  
 ¼ S. 30, B.T. ✓

A palo verde, 12 ins. diam., bears  
 N. 70° W., 84 lks. dist., marked  
 ¼ S. 25 B.T.; I raised a  
 mound of stone, 5 ft. base, 2 ft.  
 high, W. of cor.

41.00 Leave scattering timber; ascend.

46.00 Low hill, and thence rolling.

70.00 Gulch 20 lks wide, course N. 45° W.;  
 Thence over flat mesa.

80.00 Set ~~or~~ malpais stone 20 x 10 x 5  
 ins., 15 ins. in the ground,  
 for cor. of secs. 19, 24, 25 and 30  
 marked with 4 notches on N., and  
 2 notches on S. edges; and  
 raised a mound of stone, 4 ft.  
 base, 2 ft. high, W. of cor.

Some small palo verdes, none



## East Boundary of T. 1 N.

Chains:

within limits suitable for  
bearing trees.

Land, nearly level.

Soil, gravelly; 2nd rate.

Timber, palo verde; and palo fierro

---

North bet. secs. 19 and 24

Over mesa

25.00

Leave mesa and enter wash  
valley and timber, bearing  
N. 70° W. and S. 70° E.

38.50

Dry creek 100 ft. wide, course  
N. 77° W.

40.00

Set a malpais stone, 20 x 6 x 6  
ins., 15 ins. in the ground,  
for 1/4 sec. cor., marked.  
1/4 on W. face; from which  
A palo fierro, 18 ins. diam., bears

## R. 23 W. - continued.

Chains.

S.  $88^{\circ}$  E., 222 lks. dist., marked  
 $\frac{1}{4}$  S. 19 B.T. ✓

A palo verde, 10 ins. diam., bears  
 S.  $23^{\circ}$  W., 240 lks. dist., marked  
 $\frac{1}{4}$  S. 24 B.T. ✓

61.00 Dry creek 50 lks. wide, course  
 N.  $60^{\circ}$  W.

80.00 Set a malpais stone,  $20 \times 8 \times 5$   
 ins., 15 ins. in the ground, for  
 cor. of secs. 13, 18, 19, and 24,  
 marked with 3 notches on  
 N. and S. edges; from which  
 A palo fierro 8 ins. diam., bears  
 N.  $30^{\circ}$  E., 192 lks. dist., marked  
 T. 1 N., R. 22 W., S. ~~19~~<sup>18</sup> B.T.  
 A palo verde, 12 ins. diam., bears  
 N.  $69^{\circ}$  W., 176 lks. dist., marked  
 T. 1 N., R. 23 W., S. ~~24~~<sup>13</sup> B.T.  
 No other trees within limits;

## East Boundary of TIN.

Chains.

raised a mound of stones, 4 ft.  
base, 2 ft. high, W. of cor.  
Land, level.

Soil, gravelly; 2nd rate!  
Timber, palo verde, and  
palo fierro.

Heavily timbered land 55.00chs  
March 31, 1902.

North bet. secs. 13 and 18.

Over level land, in wash and  
through timber

3.00

Leave the wash and timber,  
bear E. and S. W., at mouth  
of gulch 20 lks. wide entering  
from N. E.; ascend 20 ft. to

5.00

Top of level mesa, bears E. and S. W.;

40.00

Set a marpais stone, 20 x 8 x 8.  
ins. 15 ins. in the ground,

## R. 23 W. - continued.

chains.

for  $\frac{1}{4}$  sec cor., marked  
 $\frac{1}{4}$  on W. face; from which  
 A palo verde, 8 ins. diam., bears  
 N.  $31^{\circ}$  E., 314 lks. dist., marked  
 $\frac{1}{4}$  S. 18. B.T. ✓

A palo fierro, 8 ins. diam., bears  
 N.  $20^{\circ}$  W. 374 lks. dist., marked  
 $\frac{1}{4}$  S. 13, B.T.; and raised a  
 mound of stone, covered with  
 earth, 3 ft. base, 2 ft. high,  
 W. of cor.

43.00 Gulch 10 lks. wide, course N.  $75^{\circ}$  W.

49.00 Gulch 20 lks. wide, course W.

57.00 Gulch 10 lks. wide, course W.

✓ 62.00 Gulch 100 lks. wide, course W.

70.00 Gulch 20 lks. wide, course S.  $82^{\circ}$  W.

75.00 Gulch 30 lks. wide course S.  $64^{\circ}$  W.

80.00 Set a malpais stone,  $22 \times 8 \times 8$  ins.,  
 17 ins. in the ground,

## East Boundary of T. 1 N.

Chains.

for cor. of secs. 7, 12, 13, and 18,  
 marked with 2 notches on N, and  
 4 notches on S. edges; from which  
 A palo fierro, 12 ins. diam, bears  
 S.  $23^{\circ}$  E. 288 lks. dist., marked  
 T. 1 N., R. 22 W., S. 18 B. T. ✓

No other trees within limits,  
 raised a mound of stone,  
 covered with earth, 3 ft. base,  
 2 ft. high, W. of cor.

Land, level.

Soil, gravelly; 2nd rate.

Timber, palo verde and palo fierro.

North, bet. secs. 7 and 12.

Over level mesa.

8.00 Gulch 50 lks. wide, course W.

## R. 23 W. - continued.

Chains.

- 18.00 Descend 20 ft. to
- 19.00 Enter ravine, and timber,  
course W.
- 24.00 Leave the ravine, ascend 20 ft.  
to
- 25.00 Regain top of the mesa.
- 40.00 Set a malpais stone,  $18 \times 10 \times 6$   
ins, 12 ins. in the ground,  
for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  on W. face; from which  
A palo verde, 12 ins. diam., bears  
N.  $20^\circ$  E., 290 lks. dist., marked  
 $\frac{1}{4}$  S. 7 B.T. ✓  
A palo verde, 10 ins. diam., bears  
N.  $18^\circ$  W., 166 lks. dist., marked  
 $\frac{1}{4}$  S. 1.2 B.T.; raised a mound  
of stone, 4 ft. base, 2 ft. high,  
W. of cor.
- 43.00 Guleh 50 lks. wide, course S.  $70^\circ$  W.

## East Boundary of T. 1 N.

Chains.

60.00

Head of gulch, 5 lks. wide, course S. W.

63.00

Divide of watershed on  
'flat mesa'.

72.00

Enter, and at

76.50

Leave ravine or wash, course W.

80.00

Set a malpais stone, 20x8x6 ins.,  
15 ins. in the ground,for cor. of secs. 1, 6, 7, and 12,  
marked with 1 notch on N.

and 5 notches on S. edges; and

raised a mound of stone, 4 ft.  
base, 2 ft. high, W. of cor.

Pits impracticable.

Sand, level.

Soil, gravelly; 2nd rate.

Timber, a few scattering  
palo verde trees.

## R. 23 W. - continued.

Chains.

North bet. secs. 1 and 6.

Over level mesa.

- 8.00 Enter fall ~~20 ft.~~ wash valley and timber, bears N.  $70^{\circ}$  E., and S.  $70^{\circ}$  W.
- 22.00 Leave the valley and timber bears S.  $80^{\circ}$  E., and S.  $74^{\circ}$  W.; begin ascent to mesa,
- 23.50 Top of ascent and edge of mesa, 40 ft. above valley bears S.  $80^{\circ}$  E., and S.  $74^{\circ}$  W.
- 40.00 Set a malpais stone,  $20 \times 12 \times 6$  ins, 15 ins. in the ground, for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on W. face from which  
 A palo fierro, 4 ins. diam., bears N.  $86^{\circ}$  E. 132 lks. dist., marked  $\frac{1}{4}$  S. 6 B.T. ✓  
 A palo fierro, 10 ins. diam., bears



## East Boundary of T. 1 N.

Chains.

- N.  $34^{\circ}$  W., 82 lks. dist., marked  $\frac{1}{4}$  S. 1, B. T., raised a mound of stone, 4 ft. base, 2 ft. high, W. of cor. A few trees growing in and near gulches
- 40.50 Gulch 10 lks. wide, course N.  $70^{\circ}$  W. 200 chs. to junction.
- 42.50 Gulch 20 lks. wide, course S.  $55^{\circ}$  W. about 230 chs. to junction with last gulch; thence west.
- 51.40 Road from Yuma to Ehrenberg, bears E. and W.
- 80.00 Set a malpais stone,  $24 \times 14 \times 8$  ins., 18 ins. in the ground, for cor of Tps. 1 and 2 N., Rs 22 and 23 W, marked with 6 notches on each edge; from which a palo fierro, 12 ins. diam., bears N.  $40^{\circ}$  E., 145 lks. dist., marked

## R. 23 W. - continued.

Chains.

T. 2 N., R. 22 W., S. 31, B.T. ✓

A palo fierro, 12 ins. diam., bears  
S. 85° E., 152 lks. dist., marked

T. 1 N., R. 22 W., S. 6 B.T. ✓

A palo verde, 14 ins. diam., bears  
S. 69° W., 207 lks. dist., marked

T. 1 N., R. 23 W., S. 1, B.T. ✓

A palo fierro 10 ins. diam., bears  
N. 50° W., 90 lks. dist., marked

T. 2 N., R. 23 W., S. 36, B.T. ✓

There is a mound of stone  
5 ft. base, 2 ft. high, W. of cor.This cor. stand S. 1.00 ch. from  
gulch 30 lks. wide.

Sand, level.

Soil, gravelly; 2nd rate.

Timber, palo verde and palo fierro.

Heavily timbered land 14.00 chs.

April 1, 1902.

North Boundary of T. 1 N.	
Chains.	Thence Down
	West on a true line bet. secs. 1 and 36
	Over rolling mesa land.
1.18	Gulch 30 lks. wide, course S. W.
5.70	Same gulch, course N. W.
10.00	Gulch 20 lks. wide, course N. W. about 250 chs. to junction with gulch last described.
13.00	On level mesa
20.50	Head of gulch, course N. W.
40.00	Set a malpais stone, 18 x 6 x 6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; and raised a mound of stone, 4 ft. base 2 ft. high, N. of cor.
	Pits impracticable,
48.00	Gulch 20 lks. wide, course N. 65° W.

## R. 23. W. - continued.

Chains.

80.00

Set a malpais stone,  $24 \times 6 \times 6$  ins  
 18 ins. in the ground,  
 for cor. of secs. 1, 2, 35, and 36,  
 marked with 1 notch on E., and  
 5 notches on W. edges; and  
 raised a mound of stone,  
 4 ft. base, 2 ft. high, W. of cor.  
 Sand, rolling and level.  
 Soil, gravelly; 2nd rate.  
 Timber, a few palo verde  
 and palo fierro in  
 the gulches.

---

West, bet. secs. 2, and 35

Over rolling mesa.

3.06

Gulch 10 ft. wide, course S.

21.50

To edge of mesa, bear N.  $75^\circ$  W.  
and S.  $65^\circ$  E., begin descent.

## North Boundary of T. 1 N.

Chains.

26.00

Foot of descent, 50 ft. below mesa  
 bears N.  $75^{\circ}$  W. and S.  $65^{\circ}$  E.; at N.  
 edge of a narrow valley or  
 wash, say 6.00 chs. wide, then  
 down same through scattered  
 palo fierro and palo verde timber

40.00

Set a malpais stone,  $20 \times 6 \times 6$  ins.

15 ins. in the ground,

for  $\frac{1}{4}$  sec. cor. marked

$\frac{1}{4}$  on N. face; from which

A palo fierro, 10 ins. diam., bears

S.  $60^{\circ}$  W., 160 lks. dist., marked

$\frac{1}{4}$  S. 2 B.T. ✓

A palo verde 6 ins. diam., bears

N.  $15^{\circ}$  W., 40 lks. dist., marked

$\frac{1}{4}$  S. 35 B.T. ✓

42.00

Mouth of the wash; W. point  
 of mesa on N. 2.00 chs. dist

## R. 23 W. - continued

Chains.

and W. point of mesa on S; 8.00 chs. dist; descend 6 ft. and enter valley of the Colorado River bears N. and S. 25° W; thence over river bottom land through dense mesquite and arrow-wood brush

45.00 To land subject to overflow, thence through willow brush, course N. and S.

51.50 Slough 300 chs. wide, course S.

76.00 To left bank of Colorado River, course S.

Set a willow post, 3 ft. long 4 ins. sq. with marked stone, 24 ins. in the ground, for meander cor. of frac. secs. 2 and 35, marked N. C. on W.

North Boundary of T. 1 N., R. 23 W.

Chains.

R. 23 W. S. 2, S. 35; on E.

T. 2 N. on N.

T. 1 N. on S. faces, dug a pit,  
36x36x12 ins., 8 ft. E. of post; and  
raised a mound of earth,  
4 ft. base, 2 ft. high, E. of cor.

In dense willow brush, no  
trees within limits suitable  
for bearing trees.

Land, rolling and level.

Soil, gravelly, loam, and sandy;  
3rd. 1st, and 2nd rate.

Timber, mesquite, palo verde, and  
palo fierro;

Undergrowth, willow and  
arrow-wood.

Dense undergrowth 34.00 chs.

April 2, 1902.

## West Boundary of T. 1 N. R. 23 W.

Chains.

From the standard cor. of Tps. 1 N.,  
Rs. 23 and 24 W., which I establish-  
ed March 25, 1902, I run  
North, bet. secs 31 and 36.  
Over level land.

Through torneo timber.

6.00

Enter cottonwood timber,  
mixed with torneo, mesquite,  
and arrow-wood undergrowth;  
thence on land, subject to  
overflow, bears N. W. and S. E.

40.00

Set a mesquite post, 3 ft. long,  
6 ins. sq., 24 ins. in the ground,  
for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  S. 3 on W.  
face; 3 on E. face; from which  
A mesquite 8 ins. diam., bears  
S. 63° E., 76 lks. dist., marked  
 $\frac{1}{4}$  S. B. T.

A torneo 4 ins diam., bears  
S. 46° W. 16 lks. dist., marked  
 $\frac{1}{4}$  S. B. T.



## West Boundary of T. 1 N.

Chains.

80.00

Set a mesquite post, 3 ft. long,  
4 ins. sq. 24 ins. in the ground,  
for cor. of secs., 25, 30, 31, and 36.  
marked

T. 1 N., S. 30 on N. E.,

R. 23 W. S. 31 on S. E.,

S. 36 on S. W., and

R. 24 W., S. 25 on N. W. faces;

with 5 notches on N. and 1

notch on S. edges; from which

A cottonwood, 10 ins. diam; bears

N.  $50^{\circ}$  E., 33 lks. dist., marked

T. 1 N., R. 23 W., S. 30 B. T. ✓

A cottonwood, 8 ins. diam, bears

S.  $53^{\circ}$  E., 49 lks. dist., marked

T. 1 N., R. 23 W., S. 31, B. T. ✓

A cottonwood 8 ins. diam; bears

S.  $16^{\circ}$  W., 60 lks. dist., marked

T. 1 N., R. 24 W., S. 36, B. T. ✓

## R. 23 W., continued.

Chains

A mesquite, 6 ins. diam., bears  
 N. 34° W., 47 els. dist., marked  
 T. 1 N., R. 24 W., S. 25, B. T. ✓

All of this mile except the first  
 600 chs. is subject to overflow  
 1 to 3 ft. deep.

Sand, level.

Soil, alluvial; 1st rate.

Timber, cottonwood, willow,  
 turner, and mesquite;

Undergrowth of the same,  
 and arrow-wood

Dense undergrowth 80.00 chs.

---

North lat. sec. 25 and 30

Over level bottom land, subject  
 to overflow through heavy  
 timber, and dense undergrowth.

## West Boundary of T. 1 N.

chains.

40.00

X

Set a mesquite post 3 ft. long,  
4 ins. sq., 24 ins. in the ground  
for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  S. 25° on W. face; 30° on E. face,  
from which

A cottonwood, 20 ins. diam., bears  
N. 89° E., 104 lks. dist., marked  
 $\frac{1}{4}$  S. B. T.

A cotton-wood 20 ins. diam., bears  
S. 48° W., 135 lks. dist., marked  
 $\frac{1}{4}$  S. B. T.

80.00

Set a torneo post, 3 ft. long,  
5 ins. sq., 24 ins. in the ground,  
for cor. of secs. 19, 24, 25 and 30.  
marked

T. 1 N., S. 19, on N. E.

R. 23 W., S. 30, on S. E.

S. 25 on S. W. end

R. 24 W., S. 24 on N. W. face;

## R. 23 W. - continued.

Chains

with 4 notches on N. and 2  
notches on S. edges, from which  
A torneo 6 ins. diam., bears  
N.  $53^{\circ}$  E., 49 lks. dist., marked  
T. 1 N., R. 23 W., S. 19 B. T. ✓

A cottonwood, 8 ins. diam., bears  
S.  $28^{\circ}$  E., 34 lks. dist., marked  
T. 1 N., R. 23 W., S. 30 B. T. ✓

A cottonwood, 10 ins. diam., bears  
S.  $82^{\circ}$  W., 41 lks. dist., marked  
T. 1 N., R. 24 W., S. 25, B. T. ✓

A cottonwood 8 ins. diam., bears  
N.  $7^{\circ}$  W., 43 lks. dist., marked  
T. 1 N., R. 24 W., S. 24 B. T. ✓

Last mile subject to overflow  
1 to 3 ft. deep.

Sand level.

Soil, alluvial; 1st rate.

Timber, and undergrowth;

## West Boundary of T. 1 N.

Chains.

cottonwood, willow, torneo, mosquito  
and arrow-wood brush

Dense undergrowth, 80.00 chs.

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North lat. secs. 19 and 24

Over level bottom land, through  
heavy timber, and undergrowth.

12.80

Left bank of Colorado River.

Set an alimo post, 4 ft. long,  
6 ins. sq., 36 ins. in the ground,  
for meander cor. of fracl.

secs. 19 and 24; marked

M. C. on N.

T. 1 N. on S.

R. 23 W., S. 19, on E. and

R. 24 W., S. 24 on W. face;

from which

A cottonwood 8 ins. diam., bears

## R. 23. W. - continued.

Chains.

S.  $82^{\circ}$  E., 53 lks. dist., marked

T. 1 N., R. 23 W., S. 19, M. C. B. T. ✓

A cottonwood, 10 ins. diam., bears

S.  $90^{\circ}$  W., 48 lks. dist., marked

T. 1 N., R. 24 W., S. 24 M. C. B. T. ✓

Sand level.

Soil, alluvial; 1st rate.

Timber and undergrowth,  
cottonwood, torneo, mesquite,  
willow and arrow-wood.

Dense undergrowth 1280 cho.

April 3, 1902.

## Boundaries of T. 1 N. R. 23 W.

Line designated	True Bearings	Distance <small>ch.s.</small>	$N_{chs.}$	$S_{chs.}$	$E_{chs.}$	$W_{chs.}$
Ground S. R. Base	East	480.00	480.00		480.00	
E bdy T1N23W	North	480.00				
N bdy of sec 1	West	80.00				
N " " 14	S. 89° 59' W.	80.00	.03			80.00
" " " 22	N. 89° 59' W.	79.86	.03			80.00
" " " 21	N. 89° 57' W.	80.08	.07			79.86
" " " 29	N. 89° 54' W.	80.00	.14			80.08
" " " 30	West	79.88			.09	80.00
" " " 12	S. 0° 1' E.	80.00			.02	79.88
" " " 14	S. 0° 1' E.	80.00			.02	80.00
" " " 21	S. 0° 2' E.	80.00			.04	80.00
" " " 30-31	South	160.00				79.88
Convergence (#7 lks)						<sup>16</sup> 0.47
Error in lat.			48024	48023	480.17	<sup>16</sup> 48022
			48023			480.17
			0.01			0.12

## General Description

This township is nearly level; being mesa in the eastern part and river bottom valley in the western part. The township is well watered by the Colorado River and well timbered. The soil on the mesa is gravelly; 2nd rate. and that in the valley is 1st rate. The township should be subdivided.

John A. Barry  
U. S. Deputy Surveyor.



FROM DEPUTY'S LETTER,  
DATED FEB. 29.1904.

As to observations on Polaris, I am not familiar with the rule stated by you requiring observations to be made on Polaris" on every clear night". In the locality where this work was done all of the nights are clear, and it would be necessary to make observations on Polaris under such rule every night. I have been unable to find such rule stated in the Manual furnished me and which I used on the survey, and in making up my notes; which manual is dated June 30th, 1894.

The survey was executed with a transit without solar attachment. In all of the work observations were made on Polaris and record of most of these made in the notes on exterior lines. It did not seem necessary in the subdivisional work because it was all done from exterior boundaries which I myself had just established and in which my own monuments were still fresh and reliable. I did at frequent intervals, however, while engaged on the subdivisional work make observations on Polaris, to make a certainty against errors; and the fact that neither of the Inspectors who have been upon the ground so far as I have heard has found any fault with the alignment, shows that it was carefully done. John A. Barry,

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BOOK 1627 34  
List of Names.

A list of the names of the individuals employed

John A. Barry

S. Deputy Surveyor, to assist in running, measuring

and marking the lines and corners described in the foregoing

Field Notes of the survey of the

N. boundary of T3AR 23 H

The boundaries of T2AR 23 H

The E & W bdrps of T1AR 23 H

The S. boundary of T1AR 24 H

The E N & W bdrps of T1AR 23 H

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, showing the respective capacities in which they acted.

L. Hamilton Chainman.

Alfonzo Lopez Chainman.

Chainman.

Chainman

Arman.

A. H. Grauberger Arman.

Alturo Lopez Flagman.

3 75

Final Oath of Assistants.

We hereby certify that we assisted.....

John A. Barry U. S. Deputy Surveyor, in surveying all those parts or portions of the

- The boundary of T3SR. 23 N.
- The boundaries of T2SR. 23 N.
- The E & W bds of T1SR. 23 N.
- The S boundary of T1SR. 24 N.
- The E N E & W bds of T1SR. 23 N.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Hamilton Chainman.

Alfonso Lopez Chainman.

Chainman.

Chainman.

Axeman.

A. W. Frankenberg Axeman.

Alfonso Lopez Flagman.

Sworn and subscribed before me, this 26th day of April 1902

L. W. Bishop Notary Public.

Commission Expires

[SEAL.] March 20 1904

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Final Oath of U. S. Deputy Surveyor. 36

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I, *John A. Barry*.....

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from *Geo. Christ*.....

United States Surveyor General for Arizona, bearing date of the *13<sup>th</sup>* day of *July*..... 1901.,

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

*N. boundary of T 3 S. R. 23 W.*

*The boundaries of T 2 S. R. 23 W.*

*The E & W bds of T 1 S. R. 23 W.*

*The S boundary of T 1 S. R. 24 W.*

*The E. N. & W. bds of T 1 N. R. 23 W.*

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will

37 75

37 suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

John A. Barry  
U. S. Deputy Surveyor.

W  
ph  
survey

Sworn to and subscribed before me this 28<sup>th</sup>

day of May 1902

Geo. E. Grand

County Clerk of Ventura County, State of California, and ex-officio Clerk of the Superior Court therein

BOOK 1627

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Office of U.S. Surveyor General

Phoenix, Arizona.

Nov. 3-1903

The foregoing field notes of the survey  
of the North, East & West Vdys.  
of S. 1 N., R. 23 W.

Gila and Salt River Base and Meridian, Ariz.

zona, executed by John A. Barry

U. S. Deputy Surveyor, under Contract No.

dated July 13 - 1901, having been

critically examined, the necessary correct

tions and explanations made, the said field

notes and surveys they describe are hereby

approved.

Frank D. Lyall

U. S. Surveyor General

for the District of Arizona