

6

No. 1368

BOOK .1368

*Exterior - Resurvey*

4-671

1368

FIELD NOTES

GENERAL LAND OFFICE.

*South Boundary Sp 24. S. R. 6. E.*

No. 1368

Field Notes  
of the Resurvey of the  
South Boundary  
of  
Twp. No 24 North Range No. 6 E.  
of the  
Gila & Salt River Basin Meridian  
in the  
Territory of Arizona  
as surveyed by  
Francis W. Cury  
U.S. Deputy Surveyor or  
Charles E. Perkins,  
Compassman & U.S. Deputy Surveyor  
Under his contract No. 31.  
Dated June 21<sup>st</sup> 1893.

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Survey commenced June 13 1894  
Survey completed June 13 1894

*Index**S. 24 N., R. 6 E.*

31	32	33	34	35	36
<del>313</del>	<del>339</del>	<del>336</del>	<del>334</del>	<del>351</del>	<del>327</del>
6	5	4	3	2	1

## Resurvey of the S. bdy of

Chains. Preliminary to commencing the subdivisions of this Tp.

Trun

N.  $89^{\circ} 57'$  W. on the S. Bay of sec. 36 and at 40.49 chs. I find the  $\frac{1}{4}$  sec. cor. and at 80.89 chs. the cor. to secs. 1, 2, 35 + 36 I continue my line west, and find no part of the S. Bay correct as to measurement and that many of the corners are nearly obliterated. At 6 miles 5.54 chs. intersect the N. and S. line at the cor. to Tps. 23 + 24 N. R's 5 + 6 E. and as the

T. 24 N. R. 6 E.

Chains T<sub>p</sub> on the South of this line has been subdivided I resurvey the range line as follows.

The old cov. to T<sub>ps</sub>. 23 and 24 N. R's 6 + 7 E. is a post greatly decayed, and the marks are nearly obliterated.

I destroy all traces of the old cov. and re-establish it at the same point as follows:

Set a sandstone 16 + 12 + 10 ins. 10 ins. in the ground for cov. to T<sub>ps</sub>. 23 + 24 N. R's 6 + 7 E. marked with 6 notches on each edge, dug pits 24 + 18 + 12 ins. cross-

## Resurvey of the S. body of

wiss on each line

N. E. S. + W. of stone  $5\frac{1}{2}$   
ft. dist. and raised a  
mound of earth  $2\frac{1}{2}$   
ft. high 5 ft. base

alongside, from which

A pine 12 ins. diam.  
br. N.  $50^{\circ}18'$  E. 19 lks dist.  
marked T. 2 & N. R. 7 E. S.  
31 B. S.

A pine 10 ins diam.  
br. S.  $51^{\circ}27'$  E. 31 lks dist.  
marked T. 13 N. R. 7 E.  
S. 6 B. S.

A pine 8 ins. diam.  
br. S.  $38^{\circ}36'$  W. 57 lks.  
dist. marked T. 23 N.  
R. 6 E. S. 1 B. S.

A pine 4. ins. diam.

T. 24 N.R. 6 E - Contd.

Chain  
 brs. N.  $48^{\circ}06'$  W. 84 lks.  
 dist. marked T. 24 N.R.  
 6 E. S. 36 B. T.

Thence I run

N.  $89^{\circ}57'$  W. on a true  
 line bet. secs. 1 + 36  
 Var.  $14^{\circ}43'$  E.

Over rolling land through  
 timber.

11.00 Leave timber

40.49 The old  $1/4$  sec. cor. which  
 is a post greatly decayed  
 destroyed old trace  
 of old cor. and reestablish  
 ed it at same point  
 as follows

Set a malpais stone  
 $20 \times 18 \times 8$  ins 15 ins. in  
 the ground for  $1/4$  sec.

## Resurvey of the S. bdy of

Chains, cor. marked  $1/4$  on N.

face dug pits  $18 \times 18 \times 12$   
ins. E + W. of stone  $5 \frac{1}{2}$   
ft. dist. and raised a  
mound of earth  $1 \frac{1}{2}$  ft.  
high  $3 \frac{1}{2}$  ft. base along-  
side, from which

A pine 26 ins. diam.  
br. S.  $43^\circ$  W. 280 lks.

dist. marked  $1/4$  S. B. 9.

A pine 48 ins. diam.  
br. N.  $10^\circ$  E. 145 lks.

dist. marked  $1/4$  S. B. 9.

48.00 Road from Flagstaff  
to Grand Canon  
course N. E. + S. W.

50.00 Enter heavy timber.

61.00 Ascend 35 ft.

64.00 Top of ascent.



## T 24 N. R. 6 E - Contd.

chains  
-80.89

The cor. to secs. 1, 2, 35 & 36 which is a post greatly decayed, I destroy all traces of old corner and reestablish it at the same point as follows:

Set a post 4 ft. long 4 ins square 12 ins in the ground for cor to secs. 1, 2, 35 & 36 marked

T. 24 N. P. 36 on N.E.

R. 6 E. P. 1 on S.E.

T. 23 N. P. 2 on S.W. and

P. 35 on N.W. faces,

dug pits 18x18x12 ins.

in each sec. 5 1/2 ft.

dist and raised a

mound of earth 2 ft.

## Resurvey of the S. bay

Chains. high  $4\frac{1}{2}$  ft. base, along-  
side, from which

A pine 24 ins. diam.  
br. N.  $59^{\circ}$  E. 31 lks. dist.  
marked J. 24 N. R. 6 E.  
A. 36 B. J.

A pine 20 ins. diam.  
br. S.  $5^{\circ}30'$  E. 12 lks.  
dist. marked J. 23 N.  
R. 6 E. A. 1 B. J.

A pine 20 ins diam.  
br. S.  $60^{\circ}30'$  W. 89 lks.  
dist. marked J. 23  
N. R. 6 E. A. 2 B. J.

A pine 6 ins. diam  
br. N.  $40^{\circ}45'$  W. 128  
lks. dist. marked J. 24  
N. R. 6 E. A. 35 B. J.

Land rolling

of T. 24 N. R. 6 E. - contd.

Chains. Soil rocky 3<sup>rd</sup> rate.

Timber pine.

Heavily timbered  
land 41.89 chs.

N.  $89^{\circ}57'40''$  W. on a true  
line bet. Secs. 2 + 35

Var  $14^{\circ}43'$  E.

Over rolling land  
through timber

13.00 Leave timber enter  
large open park

40.54 The 1/4 Sec. cor. which

is a post greatly  
decayed and marks  
nearly obliterated

I destroy all trace  
of old cor. and re-  
establish it at the

Resurvey of the S. bay of  
Chains same point as  
follows.

Set a Malpais stone  
20 x 18 x 9 ins. 15 ins. in  
the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N.  
face, dug pits 18 x 18 x 12  
ins. E. & W. of post  $5\frac{1}{2}$   
ft. dist. and raised  
a mound of earth  
 $1\frac{1}{2}$  ft. high  $3\frac{1}{2}$  ft.  
base alongside,

80.92 The cor to Secs. 2, 3, 3v  
& 36 which is a post  
greatly decayed and  
marks partly obliterated. I destroy all  
trace of the old cor.  
and re-establish it

## T. 24 N. R. 6 E - Contd.

Chains at the same point as follows.

Set a malpais stone  
18 x 16 x 10 ins. 12 ins in  
the ground for cor to sec.  
2, 3, 34 and 35 marked  
with 2 notches on E.

and 4 notches on W.  
edges dug pits

18 x 18 x 12 ins. in each  
sec. 5 1/2 ft. dist and  
raised a mound of  
earth 2 ft. high 4 1/2  
ft. base, alongside  
Lana nearly level.

Soil alluvial 10+ rate.

Timber pins.

Heavily timbered land.  
13 chs.

## Resurvey of the S. bay of

Chairs. N.  $89^{\circ} 57' W.$  on a true  
line but sees. 3 + 34  
Var.  $14^{\circ} 43' E.$

Over nearly level land.

40.42 The  $\frac{1}{4}$  sec. cor. which  
is a post greatly de-  
cayed and marks nearly  
obliterated I destroy  
all trace of the old  
cor. and reestablish it  
at the same point as  
follows

Set a Malpais stone  
 $16 \times 12 \times 8$  ins. 10 ins in  
the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on N.  
face dug pits  $18 \times 18 \times 12$   
ins. E. & W. of post  $5\frac{1}{2}$   
ft. dist and raised a

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T. 24 N. R. 6 E = Conts.

Chain. Mound of ~~stone~~<sup>Earth</sup>  $1\frac{1}{2}$  ft.  
high  $3\frac{1}{2}$  ft. base along-  
side

80.96 The cor to secs. 3, 4, 33  
& 34 which is a post  
greatly decayed and  
marks nearly obliterated. I destroy all  
trace of old corner  
and reestablish it  
at same point, as  
follows.

Set a malpais stone  
 $20 \times 16 \times 10$  ins. 15 ins in  
the ground for cor to  
secs. 3, 4, 33 and 34  
marked with 3 notches  
on E. & W. edges, dug  
pit  $18 \times 18 \times 12$  ins.

Resurvey of the S. Bay of  
Chains in each sec.  $5\frac{1}{2}$  ft.  
dist and raised a  
mound of earth 2 ft.  
high  $4\frac{1}{2}$  ft. base  
alongside.

Land nearly level.  
Soil alluvial 1<sup>st</sup> rate.  
No timber

N.  $89^{\circ}57'$  W. on a true  
line bet. Secs. 4 + 33.  
Var.  $14^{\circ}43'$  E.

Over rolling land  
4040 The  $\frac{1}{4}$  sec. cor. which  
is a post greatly  
decayed and marks  
partially obliterated  
I destroy all traces  
of cor and reestablish



T. 24 N.R. 6 E - Contd.

chains. It at same point, as follows.

Set a malpais stone  
 $20 \times 20 \times 16$  ins.  $15$  ins.  
 in the ground for  $\frac{1}{4}$   
 sec. cor. marked  $\frac{1}{4}$  on  
 N. face, dug pits  
 $18 \times 18 \times 12$  ins E & W. of  
 stone  $5\frac{1}{2}$  ft. dist.  
 and raised a mound  
 of earth  $1\frac{1}{2}$  ft. high  
 $3\frac{1}{2}$  ft. base along-  
 side.

80.88 The cor to Secs. 4, 5, 32  
 and 33 which is a  
 post greatly decayed  
 and marks partially  
 obliterated I destroy  
 all trace of old cor.

Resurvey of the S. bdy of  
Chains. and reestablish it  
at same point  
as follows.

Set a Malpais  
stone  $18 \times 16 \times 12$  ins.

17 ins. in the ground  
for cor to Secs. 4, 5, 32

and 33 marked with  
4 notches on E. and

2 notches on W. edges  
dug pits  $18 \times 18 \times 12$

ins. in each sec.  $5\frac{1}{2}$   
ft. dist. and raised

a mound of earth  
2 ft. high  $4\frac{1}{2}$  ft.

base alongside,  
Land nearly level.

Soil alluvial 1<sup>st</sup> rate

No timber.

T. 24 N. R. 6 E = Leonta.

Chains. At this corner I verify the adjustments of my instrument and find them correct. I set off  $23^{\circ}16'N$ . on the decl. arc. and at 12 m. observe the sun on the meridian, the resulting latitude is  $35^{\circ}19'$ ; the true latitude nearly.

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N. 89 $^{\circ}57'$  W. on a true line bet seas. 5 + 32  
Var  $14^{\circ}43'$  E.

Over rolling land  
800 Leav open park  
enter heavily timbered  
land

Resurvey of the S. Bay of  
Chains.

40.5° The  $1/4$  Sec. cor. which  
is a small ~~stone~~ with  
bearing trees improp-  
erly marked, I  
destroy all traces  
of the cor. also bearing  
trees and reestablish  
it at same point,  
as follows.

Set a Malpais  
stone  $20 \times 18 \times 10$  ins.  
15 ins. in the ground  
for  $1/4$  sec. cor. marked  
 $1/4$  on N. face and  
raised a mound  
of stone  $1\frac{1}{2}$  ft.  
high 2 ft. base  
longside, from which

T. 24 N. R. 6 E. Contd.

Chain. A pine 8 ins. diam.

br. N.  $71^{\circ}$  E. 85 lks.

dist. marked 1/4 S.B.G.

A pine 10 ins diam

br. S.  $64^{\circ}$  E. 90 lks.

dist. marked 1/4 S.B.G.

80.90 The cor to Secs. 5, 6, 31

& 32 which is a

pine tree blown

I destroy all

marks on tree and

reestablish the cor

at same point as

follows.

Set a malpais stone

20 x 14 x 9 ins. 15 ins.

in the ground for

cor to Secs. 5, 6, 31 &

32 marked with 5

Resurvey of the S. bdy of  
 chains. Notches on E. and 1  
 notch on W. edges  
 and raised a mound  
 of stone  $1\frac{1}{2}$  ft. high  
 2 ft. base alongside,  
 from which

A pine 40 ins diam.  
 br. N.  $93^{\circ}$  W. 57 lks. dist.  
 marked J. 24 N. R. 6 E.  
 S. 31 B. 9.

A pine 30 ins diam.  
 br. S.  $39^{\circ}$  30' W. 84 lks.  
 dist. marked J. 23 N. R.  
 6 E. S. 6 B. 9

A pine 27 ins  
 diam. br. S.  $27^{\circ}$  30' E.  
 122 lks. dist. marked  
 J. 23 N. R. 6 E. S. 5 B. 9.

A pine 18 ins diam.

## T. 24 N. R. 6 E - Contd.

Chain  
 brs. N.  $36^{\circ} 15'$  E. 26 lks  
 dist. marked T. 24  
 N. R. 6 E. S. 37 B.S.  
 Land rolling  
 Soil stony 3<sup>rd</sup> rate.  
 Timber pine.  
 Heavily timbered  
 law 72.90 chs.

N.  $89^{\circ} 57'$  W. on a true  
 line bet. Secs. 6 & 31  
 Var.  $14^{\circ} 43'$  E.

Over rolling law,  
 through timber.

Ho. 49 The  $1/4$  sec. cor. which  
 is a post greatly  
 decayed with marks  
 partially obliterated  
 and bearing trees

Resurvey of the S. bay of  
Chains grown over marks.

I destroyed all  
trace of old cor. also  
marks on trees. I  
reestablished cor. as  
follows

Set a malpais stone  
28 x 21 x 16 ins. 21 ins  
in the ground for  
1/4 sec. cor. marked 1/4  
on N. face and  
raised a mound of  
stone 1 1/2 ft. high 2 ft  
base alongside from  
which

A pin 10 ins diam.  
br. S. 41° W. 13 lks. dist.  
marked 1/4 S. B. 7.

A pin 6 ins diam



T. 24 N. R. 6 E. contd.

Chains by S. 73° E. 31 lks. dist.  
marked 1/4 D. R. T.

43.00 Ascend gradually  
50 ft.

73.00 Top of ascent  
Descend 30 ft to

80.99 The cor to Tps. 23 &  
24 N. R. 5 & 6 E.

Land rolling.

Soil rocky & rate

Timber pine

Heavily timbered

land 80.99 chains.

June 13 1894

346. Resurvey of S. Bdy. T24 N. R. 6 E.

Lines designated as: True bearing

W. boundary

North

N. 7dy C. standard parallel

N.  $89^{\circ} 17' E.$

North

N.  $89^{\circ} 50' E.$

S.  $89^{\circ} 39' E.$

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S.  $89^{\circ} 45' E.$

S.  $89^{\circ} 40' E.$

S.  $89^{\circ} 21' E.$

N.  $89^{\circ} 26' E.$

East

S.  $89^{\circ} 45' E.$

S.  $89^{\circ} 01' E.$

East

N.  $89^{\circ} 50' E.$

S.  $89^{\circ} 40' E.$

E. boundary

South

S. boundary

N.  $89^{\circ} 57' W.$

Convergency

Latitudes, Departures and closing errors 347.

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Dist	Latitudes		Departures	
	N.	S.	E.	W.
460.52	460.52			
29.56	37		29.56	
40.67	.12		40.67	
40.62		.25	40.62	
40.62		.18	40.62	
40.68		.24	40.68	
40.72		.46	40.72	
40.92	.40		40.92	
40.61			40.61	
40.52		.18	40.52	
40.50		.70	40.50	
40.45			40.45	
40.42	.12		40.42	
9.14		.05	9.14	
460.00		460.00		
485.54	.42			485.54
			.52	
	461.95	462.06	485.95	485.54
Totals		461.95	485.54	
Error in lat.	.11		.41	Error in depart.

Resurvey of the S. bay of  
T. & N. R. 6 E - contd.

General Description

This Township is  
rough and broken  
contains some timber,  
there are no settlers  
and no permanent  
water.

Charles E Perkins

Compassman and  
U.S. Deputy Surveyor

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U. S. Surveyor-General's Office,

TUCSON, A. T. July 3<sup>rd</sup> 1895.

The foregoing Field Notes of the Surveys of  
E & N. by Tps. 25 N. R. 3 W. Re & Sec. 5 by Tps. 22 N. R. 7 E.  
Fract. N. by of Tps. 22 N. R. 7 E. N. by Tps. 22 N. R. 7 E.  
E & W. by Tps. 23 N. R. 7 E. E & S. by Tps. 20 N. R. 2 E.  
Reint. N. by Tps. 23 N. R. 7 E. E. by Tps. 19 N. R. 3 E.  
E. by Tps. 19 N. R. 2 E. E & S. by Tps. 20 N. R. 3 E.  
S. by Tps. 20 N. R. 4 E and S. by Tps. 24 N. R. 6 E.

Gila and Salt River Meridian  
in Arizona executed by

F. W. Oury

U. S. Deputy Surveyor, under his contract dated  
June 21<sup>st</sup> 1893

having been critically examined, the necessary correc-  
tions and explanations made, the said Field Notes and  
the surveys they describe are hereby approved.

Geo. H. Manning

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