

Contract #35

2.

Cotton

1712

BOOK 1712

Exteriors

4-671

FIELD NOTES

GENERAL LAND OFFICE.

Resurvey 1st Stand N. H. & R. S. 182 W.

" Run: Meridian H. & J. 4 N.

" South boundary J. 3. N. R 2 W.

Survey N boundary J. 3. N. R 2 W.

Field Notes.

of the Survey of the
N. and E. Boundaries of
T. 4. N. R. 1. W.

N. and S. Boundaries of
T. 3. N. R. 2. W. and

North Boundary of T. 4. N. R. 2. W.
of the

Gila and Salt River Base and Meridian
in the

Territory of Arizona,
as surveyed by
Albert J. Galton,

U.S. Deputy Surveyor,
under his Contract No. 35,
dated March 14, 1894.

Survey Commenced Sept. 13, 1894
Survey Completed Sept. 19, 1894

FIRST STANDARD

31	32	33	34	35	36
25	13	21	19	17	15
6	5	4	3	2	1

BOOK 1712

T. A. N. R. 2. W.

	32	33	34	35	36
	57	56	54	52	51
6	5	4	3	2	1

7 8

18 59 17

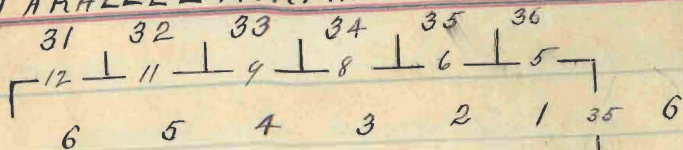
19 20 T. B. N. R. 2. W.

30 29

31	32	33	34	35	36
39	40	43	45	47	48
6	5	4	3	2	1

INDEX.

PARALLEL NORTH.



BOOK 1712

T. A. N. R. I. W.

12 34 7

13 32 18

24 31 19

25 30 30

36 28 31.

PRINCIPAL MERIDIAN

Resurvey of the First Standard

Chains I find it necessary to resurvey the First Standard parallel North, thro' Ranges 1 and 2 West. as I find the measurement and Course of the Standard in error and some of the Corners are obliterated, while others Corners, only faint traces are left, and to properly connect with this Standard It will be necessary to identify and re-establish the Corners. —

I now proceed to the Standard Cor. to Sp. 5. N. R. 1. E. & 1. W. on principal meridian, a Stone firmly set and properly marked.

Parallel. North thro' Range 1 west,

Chains Thence I run West. on
a random line.

Pa. $13^{\circ}45'E$

- 40.10 1/4 Sec. Cor. trans S, 12 lks. dist. in
- 80.20 Sec. Cor. trans S, 23 lks. dist.
- 120.30 1/4 Sec. Cor. trans. S. 35 lks. dist.
- 160.40 Sec. Cor. trans. S. 46 lks. dist.
- 200.50 1/4 Sec. Cor. trans. S. 58 lks. dist.
- 240.60 Sec. Cor. trans. S. 70 lks. dist.
- 280.65 1/4 Sec. Cor. trans. S. 82 lks. dist.
- 320.70 Sec. Cor. trans. S. 93 lks. dist. 12
- 360.80 1/4 Sec. Cor. trans. S. 105. lks. dist. Sec.
- 400.90 Sec. Cor. trans. S. 116 lks. dist. ce
- 441.00 1/4 Sec. Cor. trans. S. 128 lks. dist. W.
- 467.10 Clearing Cor. to Sp. 4 N. R 1 + 2 W. l.
- trans. South 135 lks. dist. 1/2
- 481.10 Standard Sp. Cor. trans. S. 140 lks. dist. 1/2

The Course of the Standard
will therefore be. $N 89^{\circ}50'E$ 12

Resurvey of the First Standard

Chains 481.10 chains thro' T's range
 I Now Continue ^{Sept. 12. 1894} my ran-
 dom West thro' range 2
 West on a random line
 From the Standard Cor. to
 Sp. 5. N. R. 1 X 2 W. at this
 Cor. I find no charred stake
 and only faint trace of old
 pits and mound.

Va. 13° 45' E

- 40.10 1/4 Sec. Cor. bears S. 35. lks. dist.
- 80.15 Sec. Cor. bears S. 70 lks. dist.
- 120.15 1/4 Sec Cor. bears S 105 lks. dist.
- 160.15 Sec. Cor. bears S. 140 lks. dist.
- 200.15 1/4 Sec. Cor. bears S. 175 lks. dist.
- 240.15 Sec. Cor. bears S. 210 lks. dist.
- 280.15 1/4 Sec. Cor. bears S. 245 lks. dist.
- 320.15 Sec. Cor. bears S. 280 lks. dist.
- 360.20 1/4 Sec. Cor. bears S 315 lks. dist.

Parallel. North thro' Range 2 West,

- | chains | |
|--------|--|
| 400.35 | Sec. Cor. beans. S. 350 lks. dist. |
| 440.55 | 1/4 Sec. Cor. beans. S. 385 lks. dist. |
| 480.65 | Standard Sp. Cor. beans. S. 421 lks. dist. |

The true Course of the Standard thro' this range, will therefore be, $N 89^{\circ} 30' E$ 480.65 chains. —

Sept. 13. 1894.

I now return to the Standard Cor. to Sp. 5, N. R. 1. E. and 1. W. on principal meridian. a granite Stone firmly set and properly marked. as described in the field notes. furnished by the Surveyor General. Lat. $33^{\circ} 43' 30'' N$ Long. $112^{\circ} 17' 30'' W$. I determine the meridian at this point

Resurvey of the First Standard

chain by the use of the solar apparatus. I find the magnetic declination to be $13^{\circ}45'$ East.

Thence I run $S 89^{\circ}50' W$ on a true line on S. bdy. Sec. 36.

Va. $13^{\circ}45' E$.

0.26 Wash 20 lks. wide runs $S 12^{\circ} E$

40.10 old Standard $\frac{1}{4}$ Sec. Cor. a granite stone, firmly set and properly marked. I

find very faint trace of pits and mound. dig pits $18 \times 18 \times 12$ ins. E. & W. of stone $5\frac{1}{2}$ ft. dist. and raise a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base. alongside.

80.20 old Standard Cor. to Secs.

Parallel, North, thro' Range 1 West.

chain 35^{4d} & 36. a granite Stone
firmly set and properly
marked. No trace of old
pits and mound. - dug
pits 18x18x12 ins. N. E &
W. of Stone. 5 1/2 ft. dist. and
raised a mound of earth 2 ft
high. 4 1/2 ft. base. alongside
Land nearly level
Soil. gravelly 2^d rate
Timber, mesquite and greasewood brush.

S 89° 50' W on a true line
on S. bdy Sec. 35.

Va. 13° 45' E.

Through mesquite & greasewood

2.10 Wash 50 lbs. wide. runs S.

40.10 old Standard 1/4 Sec. Cor

Resurvey of the First Standard

chain a stone firmly set and properly marked. No trace of old pits or mound. — dig pits $18 \times 16 \times 12$ ins E & W. of stone $5\frac{1}{2}$ ft. dist. and raise a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base, alongside. —

80.20 old Standard Cor. to Secs. 34th and 35. a granite stone firmly set and properly marked. No trace of old pits and mound. dug pits $18 \times 18 \times 12$ ins. N.E. & W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base alongside. —
Land level.

Parallel. North thro' Range 1 West

chains Soil. Sandy ⁴/_d gravelly 1st & 2^d ¹/₄ mile
Timber. dense Mesquite & Paloverde
80.20 chains.

S 89° 50' W. on a true line
on S. bdy. Sec. 34.

Va. 13° 45' E

Thro' dense Mesquite & Paloverde

30.20 Wash. 30 lks. wide. runs S.

40.10 old Standard ¹/₄ Sec. Cor. a
granite Stone firmly set
and properly marked -

No trace of pits and mound
dug pits 18x18x12 in E & W
W. of Stone 5 ¹/₂ ft. dist. and
raised a mound of earth
1 ¹/₂ ft. high. 3 ¹/₂ ft. base
alongside. -

80.20 old Standard Cor. to Recs.

Resurvey of the First Standard

chains 33 and 34. a granite stone firmly set and properly marked. I find very faint trace of old pits and mound dug pits 18x18x12 ins. N.E. and W. of stone 5 1/2 ft. dist and raised a mound of earth 2 ft. high, 4 1/2 ft. base alongside. -

Land level.

Soil, Sandy 1st and 2^d rate
 Timber, dense Mesquite + Palo Verde
 80.20 chains

S 89° 50' W. on a true line
 on S. body Sec. 33.

Va. 13° 45' E.

Through dense Mesquite + Palo Verde
 9.30 Wash 20 lbs. wide runs South.

Parallel, North thro' Range 1 West.

chains
40.05

old Standard $\frac{1}{4}$ Sec. Cor. a
granite Stone, firmly set, and
properly marked, but, no trace
of old pits and mound.

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

80.10

old Standard Cor. to Secs.
32nd and 33. A granite Stone

firmly set, and properly
marked. Very faint trace
of old pits and mound,

dug pits $18 \times 18 \times 12$ ins.
N. E & W. of Stone $5\frac{1}{2}$ ft.
dist. and raised a mound
of earth 2 ft. high $4\frac{1}{2}$ ft.
base, along side. —

Lund. level

Resurvey of the First Standard

Chains Sail. Sandy loam 1st rate.
Timber. dense Mesquite & Palo-
Verde. 80.10 chains.

S 89° 50' W. on a true line
on S. bdy. Sec. 32.

Va. 13° 45' E.

Thro' dense Mesquite & Palo Verde

39.60 Ridge. bears N.W. & S.E.

40.10 old Standard 1/4 Sec. Cor. a
granite stone firmly set and
properly marked. with mound
of stones alongside.

80.20 I find here very faint trace
of pits and mound. I re-
establish this Cor. by
setting a granite stone 18 x
6 x 6 ins. 12 ins. in the ground
for Standard Cor. to Secs.

Parallel. North thro' Range 1 West.

chain 31nd & 32nd Marked S.C. on
N. with 5 notches on E and
1 notch on W faces. dug
pits 18x18x12 ins. N. E. & W.
of stone 5 1/2 ft. dist. and
raised a mound of earth
2 ft. high. 4 1/2 ft. base
alongside -
Land nearly level
Soil. Sandy 1st and 2^d rate
Timber. dense mesquite 80. 20 cky

S 89° 50' W on a true line
on S. bdy S. 31.

Va. 13° 45' E.

Thro' mesquite timber

40.10 old standard 1/4 sec. Cor. a
granite stone. firmly set.
and properly marked

Recovery of the First Standard

chains With very faint trace of pits and mound. dig pits $18 \times 18 \times 12$ ins. E. & W. of Stone $5\frac{1}{2}$ ft. dist. and raise a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base. alongside.

66.20 Closing Cor. to Sp. 4 N. Rs 1st & 2nd W. humiform described

80.20 original position of Stand and Sp. Cor. I find very faint trace of pits and mound. but I find no charred stake I re-establish this Cor. by setting a post $4\frac{1}{2}$ ft. long 4 ins. square, with marked Stone 12 ins. in the ground for Standard Cor. to Sp. 5. N. Rs. 1st & 2nd W. Marked. — S. C. J. S. N. on N.

Parallel North thro' Range 1 West

chains R. 1. W. S. 31 on E and
 R. 2. W. S. 36 on W. faces, with
 6 matches on N. E & W. faces,
 dug pits 24x18x12 in Cross-
 wise on each line N. E & W
 of post. 6 ft. dist. and
 raised a mound of earth 2
 1/2 ft. high, 5 ft. base, around
 post. -

Land level.

Soil. Sandy 1st & 2^d rate.

Timber, dense mesquite

80.20 chains.

Sept. 13, 1894

I Continue the First.
 Standard Parallel North
 thro' Range 2 W. on a
 true course of $S 89^{\circ} 30' W$
 as given in the random line

Resurvey of the First Standard

Chains From the Standard Cor. to Sps.
S. N. R. 1st and 2^d W. Just. estab-
lished by me, and heretofore
described I run. -

S $89^{\circ}30'W$ on a true line
on S. bdy Sec. 36.

Va $13^{\circ}45'E$.

In dense mesquite and greasewood

4.50 Wash. 30 lks. wide run. $S35^{\circ}E$

40.10 original position of Standard
 $\frac{1}{4}$ Sec. Cor. faint trace of pits
and mound, but found no.
chared stake. - I re-establish
this Cor. at above point by
setting a post. 3 ft. long 3 ins.
square, with marked stone 12
ins. in the ground, for
Standard $\frac{1}{4}$ Sec. Cor. marked
S.C. $\frac{1}{4}$ S. on N. face, dug pits

Parallel. North. thro' Range 2 West.

Chassis 18x18x12 ins. E & W. of post. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high. 4 1/2 ft. base around post.

80.15 original partition of old Standard Sec. Cor. I found faint trace of pits and mound. - But no chained stake, at this point. I re-establish the Cor. by setting
A post. 4 ft. long. 4 ins. square. with marked stone 12 ins. in the ground. for Standard Cor to Secs. 35 and 36. marked
S.C. T. 5. N. R 2 W on N.

S. 36 on E and

S. 35 on W. faces. with 1 notch on E. and 5 notches on W. faces.

dig pits 18x18x12 ins. N. E & W. of post. 5 1/2 ft. dist. and raised

Resurvey of the First Standard

Chains a mound of earth 2 ft. high
 4 1/2 ft. base around post.
 Land. level.

Soil gravelly 2^d rate

Timber. Mesquite and grease wood

Very dense 80.15 chs.

S 89°30' W on a true line
 on S. bdy Sec. 35.

Va. 13°45' E.

In dense Mesquite^{and} grease wood
 40.00 Original position of Standard
 1/4 Sec. Cor. I find faint trace of
 old pits and mound, but no
 charred stake. I re-establish
 this Cor. by
 Setting a post 3 ft. long 3 ins.
 square. with marked stone 12
 ins in the ground. for stand

Parallel. North. thro' Range 2 West.

Chains and $\frac{1}{4}$ Sec. Cor. marked S.C.
 $\frac{1}{4}$ S. on N. face. dug pits $18 \times 18 \times$
 12 ins. E & W of post. $5\frac{1}{2}$ ft. dist.
 and raised a mound of earth $1\frac{1}{2}$
 ft. high. $3\frac{1}{2}$ ft. base. around post.

80.00 Standard Cor. to Secs. 34 & 35

I found no charred stake, pits
 and mound nearly obliterated

I re-establish Cor. at this point,
 as follows to-wit -

Set a post. 4 ft. long. 4 ins.

Square with marked stone 12
 ins. in the ground. for Standard

Cor. to Secs. 34 and 35. marked
 S.C. N. 5. N. R 2 W. on N.

S. 35 on E. and

S. 34 on W. face. with 2
 notches on E. and 4 notches on
 W. face. dug pits $18 \times 18 \times 12$ ins.

Resurvey of the First Standard

chains N. E $\frac{1}{4}$ W. of post. $5\frac{1}{2}$ ft. dist.
and raised a mound of earth
2 ft. high. $4\frac{1}{2}$ ft. base
around post.

Land level.

Soil. gravelly. 2^d rate

No timber.

S $89^{\circ}30'W$. on a true line
on S. bdy Sec. 34.

Va. $13^{\circ}45'E$.

40.00 I find no chained stake. Pits
and mound nearly obliterated
I re-establish Cor at same point.
Set a post. 3 ft. long 3 ins.
square. with marked stone 12
ins. in the ground. for standard
 $\frac{1}{4}$ Sec. Cor. marked S.C. $\frac{1}{4}$ S.
on N. face. dug pits $18 \times 18 \times 12$

Parallel North thro' Range 2 West

Chains ins. E & W of post. $5\frac{1}{2}$ ft. dist.
and raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base around
post. —

80.00 Standard Cor. to Secs. 33rd & 34.

I find no charred stake. Pits
and mound nearly obliterated
At this point. I re-establish the
Cor by.

Setting a post. 4 ft. long. 4 ins.
square. with marked stone 12
ins. in the ground. for Standard
Cor. to Secs. 33rd & 34. marked
S.C. T. 5. N. R. 2. W. on N.

S. 34 on E. and

S. 33 on W. faces. with 3 notches
on E and W. faces. dug pits 18
 \times 18 \times 12 ins. N. E. & W. of post.
 $5\frac{1}{2}$ ft. dist. and raised a mound

Resurvey of the First Standard

chains of earth 2 ft. high. $4\frac{1}{2}$ ft. base. around post.

Land. level

Soil. Sandy. 2^d rate.

Timber. Mesquite and greasewood.

$S 89^{\circ} 30' W$. on a true line
on S. bdy Sec. 33.

$\gamma a 13^{\circ} 45' E$.

In mesquite and greasewood

10.00 Wash. 10 lks. wide. runs S.E.

40.00 I re-establish this Cor. by
setting a post. 3 ft. long. 3 ins.

square, with marked stone 12
ins. in the ground. for standard

$\frac{1}{4}$ Sec. Cor. marked S.C. $\frac{1}{4}$ S. on

N. face. dug pits $18 \times 18 \times 12$ ins.

E. & W. of post. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth $1\frac{1}{2}$ ft.

Parallel. N. thro'. Range 2 West

Chain high. $3\frac{1}{2}$ ft. base around post.
After diligent search. I fail to find
any trace of the old Standard
 $\frac{1}{4}$ Sec. Cor. —

80.00 Standard Cor. to Secs. 32 and 33.

I find no charred stake. Pits and
mound nearly obliterated. I re-
establish this Cor. by
Setting a post. 4 ft. long. 4 ins.
square. with marked stone 12
ins. in the ground for Standard
Cor. to Secs. 32 and 33. marked
S.C. T. 5. N. R. 2 W. on N.

S. 33. on E. and

S. 32 on N. faces. with 4 notches
on E. and 2 notches on N. faces.
dug pits $18 \times 18 \times 12$ ins. N. E. & W.
of post. $3\frac{1}{2}$ ft. dist. and raised
a mound of earth 2 ft. high. $3\frac{1}{2}$

Resurvey of the First Standard

chains ft. base around post.
 Land. level.
 Soil. Sandy 2^d rate.
 Timber. mesquite

S $89^{\circ}30'$ W. on a true line
 on S. bdy Sec. 32.

Va $13^{\circ}45'$ E

40.05 In dense. Mesquite and greasewood
 I find here. pits and mound
 nearly obliterated. But. No.
 Charred Stake. I re-establish
 this Cor. by
 Setting a post. 3 ft. long. 3 ins.
 square. with marked stone 12
 ins. in the ground. for Standard
 $\frac{1}{4}$ Sec. Cor. marked S.C. $\frac{1}{4}$ S. on
 N. face. dug pits $18 \times 18 \times 12$ ins
 E & W. of post. $5\frac{1}{2}$ ft. dist. and

Parallel North thro' Range 2 West.

- Chains raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base. around post.
- 80.20 I find here pits and mound nearly obliterated. But no Charred Slate
- I re-establish this Cor. by setting a post. 4 ft. long. 4 ins. square. with marked stone 12 ins. in the ground. for Standard Cor. to Secs. 31st & 32. Marked S.C. T. 5. N. R. 2. W. on N. S. 32 on E. and S. 31 on W. faces. with 5 notches on E. and 1 notch on W. faces.
- dry pits $18 \times 15 \times 12$ ins. N. E & W. of post. $5\frac{1}{2}$ ft. dia. and raised a mound of earth 2 ft. high. $4\frac{1}{2}$ ft. base. around post. —
- Land. level.
- Soil. Sandy 2^d rate
- Timber. Mesquite and Grease wood

Resurvey of the First Standard

chain $S 89^{\circ} 30' W$. on a true line
on S. bdy Sec. 31.

Va. $13^{\circ} 45' W$.

In dense Mesquite and greasewood

40.20 I find here pits and mound
nearly obliterated. but. I find
no charred stake. I re-establish
this Cor. by setting

A post. 3 ft. long. 4 ins.

A square. with marked stone 12
ins. in the ground. for Standard
 $\frac{1}{4}$ Sec. Cor. marked S.C. $\frac{1}{4}$ S. on
N. face. dug pits $18 \times 18 \times 12$ 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. ground post.

80.30 Identical original position of
Sp. Cor. where I find pits and
mound nearly obliterated

Parallel, North, thro' Range 2 West.

Chains but. I am unable to find the
Charred Stake. I re-establish
this Cor. by.

Setting a Post. $4\frac{1}{2}$ ft. long. 4 ins.

Square, with marked Stone 12
ins. in the ground. for Standard
Cor. to T. 5 N. R. 2nd 3rd W marked
S. C. Sp 5 N. on N.

R. 2. W. S. 31 on E. and

R. 3. W. 136 on W. faces. with 6
notches on N. E & W. faces, dig
pits $24 \times 18 \times 12$ ins. Crasswise
on each line. N. E & W. of Post.
6 ft. dist. and raised a mound
of earth $2\frac{1}{2}$ ft. high 5 ft. base
around Post.

Land. level.

Soil. Sandy 2^d rate

Timber dense Mesquite & greasewood,
80.30 chs. Sept. 14, 1894

Resurvey of the Principal

Chain I now return to the Standard Cor. to Sp. 5. N. R 1 E. + 1 W. on principal Meridian, heretofore described -
Thence I run

South on a random line
Va. $13^{\circ}45' E$

40.00	1/4 Sec. Cor. beans. E. 23 lks. dist
80.00	Sec. Cor. beans. E. 47 lks. dist.
120.00	1/4 Sec. Cor. beans. E 70 lks. dist.
160.05	Sec. Cor. beans. E. 94 lks. dist.
200.10	1/4 Sec. Cor. beans E 117 lks. dist.
240.00	Sec. Cor. beans E 140. lks. dist.
280.00	1/4 Sec. Cor. beans E 163. lks. dist.
320.05	Sec. Cor. beans E 187 lks. dist.
360.06	1/4 Sec. Cor. beans. E 210 lks. dist.
400.04	Sec. Cor. beans. E 234 lks. dist.
440.02	1/4 Sec. Cor. beans. E 257 lks. dist.
476.00	Closing Sp. Cor. beans. E 278 lks. dist.
X	and intersect line bet. Ts 3 + 4. N. R 1 W

Meridian thro. T. 4 N.

Chains
480.00Cor. to Tps. 3^d & 4th N. R. 1. E. Trans
East. 280 lks. dist.The true course of the
principal meridian thro;
T. 4. N. will therefore be.N. $0^{\circ} 20' W$. 480.00 chains.Sept. 15, 1894.From the Cor. to Tps. 3^d & 4th
N. R. 1. E. hereinafter described

I run

N $0^{\circ} 20' W$ on a true line
on principal meridian
and W. bdy. Sec. 31,Va. $13^{\circ} 45' E$

4.00

Closing Cor. to Tps. 3^d & 4th N.
R. 1. W. as recently established
by me

11.50

Stage road. Phoenix to Wick-
enberg. Course $S 70^{\circ} E$ and $N 70^{\circ} W$

Resurvey of the Principal

Chains
39.98

old $\frac{1}{4}$ Sec. Cor. A granite Stone
firmly set and properly marked
No trace of old pits or mound,
dug pits $18 \times 18 \times 12$ ins. N.E.
of post. ^{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 alongside

74.96

Cor. to Secs. 25, 30, 31 & 36. A
granite Stone firmly set and
properly marked. I obliterate
marks on this Stone, referring
to Secs. on the West. I re-
establish Mound. by digging
pits $18 \times 18 \times 12$ in N.E. ^{rd.} E.
of Stone $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
2 ft. high. $4\frac{1}{2}$ ft. base
alongside.

Land Level.

Meridian thro' T. 4. N.

Chain Soil, Sandy loam 1st rate
 Timber, Mesquite & Pal. Verde

N. $0^{\circ} 20' W$ on a true line
 on W. bdy Sec. 30.

Va. $13^{\circ} 45' E$.

Thro' timber.

39.98 old $\frac{1}{4}$ Sec. Cor. a granite Stone
 firmly set and properly ^{marked}
 I re-establish mound by
 digging pits $18 \times 18 \times 12$ in. N &
 S of Stone $5\frac{1}{2}$ ft. dist. and
 raise a mound of earth $1\frac{1}{2}$
 ft. high. $3\frac{1}{2}$ ft. base
 alongside

79.99 Cor. to Secs. 19. 24. 25 & ^{a stone} 30, firmly
 set and properly marked
 I obliterate marks referring
 to Secs. on the West. dug pits

Resurvey of the Principal

Chain's 18x18x12 ins. N. S. W. E. of Stone
 5 1/2 ft. dist. and raised a
 mound of earth 2 ft. high 4 1/2
 ft. base alongside.
 Land. level.
 Soil. Sandy loam 1st rate
 Timber, mesquite.

N 0° 20' W on a true line
 on W. bdy Sec. 19.
 Va 13° 45' E.

- 21.00 Left bank of Agua Fria River dry
 bars, N 42° E + S 42° W
- 25.00 Right bank Agua Fria River dry
 bars, N.E. + S.W.
- 40.00 Old 1/4 Sec. Cor. firmly set.
 and properly marked, and
 witnessed by mound of stones
 alongside.

Meridian thro' S. 4. N.

chains
80.00

Cov to Secs. 13, 18, 19 & 24. A
granite stone, firmly set
and properly marked. I
obliterate the marks on this
stone, referring to Secs. on
the west, also old pits and
mound. dug pits 18x18x12
ins. N. A. & E. of stone 5 1/2
ft. dist. and raised a
mound of earth 2 ft. high
4 1/2 ft. base, alongside.
Land level.

Soil, sandy loam. 1st rate
dense Catclaw brush.

N 0° 20' W. on a true line
on W. bdy Sec 18.

Va. 13° 45' E.

thro' dense brush

Resurvey of the Principal

chains
39.90

Old $\frac{1}{4}$ Sec. Cor. a granite Stone firmly set, & properly marked, dug pits $18 \times 18 \times 12$ ins. N. & S. 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, alongside.

40.00

Leavn aqua foria. bottom ^{dry} and ascend mesa. bears N.E. & S.W.

42.00

Enter mesa.

79.95

Cor. to Secs. 7×12 , 13×18 , a granite Stone, firmly set, and properly marked. I obliterate marks on Stone, referring to Secs. on the West. I re-establish mound by digging pits $18 \times 18 \times 12$ ins. N. & S. E. of Stone, $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base, alongside.

Meridian thro' T. 4. N.

Chain's Land nearly level

Soil. Sandy loam & rocky $1\frac{1}{2}$ ^{St. d} $\frac{1}{3}$ mile

Dense brush. 40. chs.

$N 0^{\circ} 20' W$ on a true line
on W. bdy Sec. 7.

Va. $13^{\circ} 45' E$

40.00 Old $\frac{1}{4}$ Sec. Cor. a granite Stone
firmly set. ^{4d} properly marked.
I obliterate the faint trace of
pits & mound. I dig pits
 $18 \times 18 \times 12$ ins. N. & S. of Stone
 $5\frac{1}{2}$ ft. dist. and raise a
mound of earth, $1\frac{1}{2}$ ft.
high. $3\frac{1}{2}$ ft. bare. alongside

80.00 Cor. to Secs. 1, 6, 7 ^{4d} & 12. a
granite Stone firmly set.
and properly marked. I
obliterate marks on Stone

Resurvey of the Principal

chains referring to Secs. on the West.
dig pits $18 \times 18 \times 12$ ins. N.S. & E
of Stone. $5\frac{1}{2}$ ft. dist. and
raise a mound of earth 2
ft. high. $4\frac{1}{2}$ ft. base. alongside
Land. level.

Sail. Stony. 3^d rate

No. timber.

$N 0^{\circ} 20' W.$ on a true line
on W. bdy. Sec. 6.

Va. $13^{\circ} 45' E.$

- 14.00 Wash 50 lks. wide. 4 ft. deep
flows $S 25^{\circ} E$
- 20.00 Same wash. flows $S 30^{\circ} W$
- 39.00 Same wash. flows $S 40^{\circ} E$
- 40.00 old $\frac{1}{4}$ Sec. Cor. a granite Stone
firmly set. and properly marked
I raised a mound of stone

Meridian thro. J. H. N.

Chains 1 1/2 ft. high 2 ft. base. alongside

Pits impracticable

61.00 Trail. bears E. & W.

62.00 Ridge bears N.W. & S.E.

66.00 Wash 20 yds. wide 2 ft. deep.

runs S 40° E.

78.00 Wash. 15 yds. wide runs S 35° E.

80.00 The Standard Cor. to Apr. 5. N.

R 1. E. and 1. W. Merimbufova described

Load rolling.

Sail. Storm. 3^d rate

Simbu. Palo Verde

Sept. 17. 1894

Resurvey of the South boundary

Chains I now return to the Cor. to
Tps. 2nd & 3^N. R. 1st & 2^W. here-
inbefore described.

Thence I run

N 89° 57' W. for said Tps.
as per notes furnished me
by the Surveyor General
Va. 13° 45' E

at 40. chs. I find the $\frac{1}{4}$ Sec
Cor. South 18 lks. dist. at
80. chains the old Sec. Cor. is
South 37 lks. dist. as the
difference in bearing is
so considerable. that in
order that I may be able
to run the E. & W. lines in
the subdivisions of T. 3. N.
R. 2 W. according to my
instructions and the Manual

J. 3. N. R. 2. W.

chains and also to re-establish the Cons. which are nearly obliterated, and as the entire line runs thro' dense Mesquite and Palo Verde, which renders it impossible to determine the positions of the old Corners, I proceed with this line as follows. I continue this line by the use of the Solar Apparatus. I find the Sp. line to be 480.12 Chs. long, as given in the field notes, furnished by the Surveyor General I find the falling to be 222 lks. North of the

Resurvey of the South

Cor. to Tps. 2nd & 3rd N. Rs. 2nd & 3rd W. which is a stone firmly set and properly marked and witnessed as described in the field notes furnished by the Sur. Genl. The true return bearing of this line will therefore be $N 89^{\circ} 47' E$, -

Lat. $33^{\circ} 33' N$, Long $112^{\circ} 30' W$.
I determine the meridian at this point by the use of the Solar apparatus and find the Va. to be $14^{\circ} 0' E$
Sept. 18, 1894

Thence I run from this Cor. $N 89^{\circ} 47' E$. on a true line bet. Secs. 6 and 31.
Va. $14^{\circ} E$
In dense Mesquite & Palo Verde

boundary J. 3. N. R. 2. W.

chains

40.12

Old $\frac{1}{4}$ Sec Cor. a granite
stone $10 \times 8 \times 6$ ins. above ground
marked $\frac{1}{4}$ on N. face. with
mound of stone $1\frac{1}{2}$ ft. high
2 ft. base alongside.

80.12

old Cor. to Secs. 5, 6, 31^{and} 32

A granite stone, with mound
of stone alongside as described
in the field notes furnished
by the Surveyor General
Laid. rough and broken
Soil. Stony. 3rd rate

Timber dense mesquite & Palo Verde

80.12 chains

$N 89^{\circ} 47' E$ on a true line
bet. Secs. 5^{and} 32

$Va. 14^{\circ} E$

In dense mesquite & Palo Verde

Resurvey of the South

chains
40.00

old $\frac{1}{4}$ Sec. Cor. a part. entirely
decayed. pits and mound ^{now} nearly
obliterated. I re-establish this
Cor. by

Setting a granite Stone $16 \times 8 \times 8$
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 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. alongside

64.00

Wash 30 lbs. wide. 5 ft. deep
flows. S.E.

72.00

Wash. 35 lbs. wide, 5 ft. deep
flows. South

80.00

Cor. to Sect. 4.5. 32×33 part
decayed. and marks. oblit-
erated. and faint trace of

boundary T. 3. N. R. 2. W.

Chains old pits and mound, I desire
old post. and re-establish
Cor at same point.

Set a post, 4 ft. long, 4 ins.
square, with marked stone 12
ins. in the ground, for Cor.

to Secs. 4, 5, 32 & 33, marked

T. 3 N. S. 33 on N.E.

R. 2, W. S. 4 on S.E.

T. 2 N. S. 5 on S.W. and

S. 32 on N.W. faces with 2
notches on W. and 3 notches
on E. edges, dug pits 18x18
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, around post.

Land broken

Soil. Stony. 2^d & 3^d rate

Timber, mesquite & Palo Verde

Resurvey of the South

chain N $89^{\circ}47'E$ on a true line
bet. Secs. 4th & 33.

Va. $13^{\circ}50'E$

In Mesquite and Palo Verde

8.00 Wash 10 lks. wide, 4 ft. deep
flows S.E.

27.00 Wash. 10 lks. wide 4 ft. deep
flows S $40^{\circ}E$

40.00 old $\frac{1}{4}$ Sec. Cor. part. decayed
Marks. obliterated. with faint
trace of pits and mound
I re-establish this Cor. by
Set a post. 3 ft. long, 3 ins.
square. with marked stone 12
ins. in the ground. for $\frac{1}{4}$ Sec
Cor. marked $\frac{1}{4}$ S. on N. face
dig pits $18 \times 18 \times 12$ ins. E & W,
of post. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth

Boundary T. 3. N. R. 2 W.

Chairs 1 1/2 ft. high, 3 1/2 ft. base
around post.

43.00 Wash 15 lks. wide 2 ft. deep
runs South

47.80 Wash 10 lks. wide, 2 ft. deep
flows South.

72.00 Wagon road trans. N. 4th S.

80.00 Cor. to Secs. 3.4, 33rd 34. a
post decayed and marks
obliterated. with faint trace
of pits and mound I destroy
old post. I re-establish
this Cor. by

Setting a post. 4 ft. long, 4 in.
square. with marked stone 12
in. in the ground. for Cor. to
Secs. 3.4, 33rd 34, marked
T. 3. N. S. 34 on N.E.

R. 2. W. S. 3 on S.E.

Resurvey of the South

chain 1. 2. N. S. 4 on S.W. and
 S 33 on N.W. faces. with 3
 matches on E. & W. edges. -
 dug pits 18x18x12 ins. in
 each sec. 5 1/2 ft. dist. and
 raised a mound of earth
 2 ft. high. 4 1/2 ft. base
 around post.

Land. broken

Soil. gravelly & Stony 3^d rate
 Timber. Mesquite & Palo Verde
 80. chains

N 89° 47' E on a true line
 bet. Secs. 3rd & 34.

va 13° 50' E

In dense Mesquite & Palo Verde
 40.00 1/4 Sec. Cor. A post. firmly
 set. and properly marked

boundary T. 3. N. R. 2 W.

Chain as described in the field notes furnished by the Surveyor General.

57.20 Phoenix and Wickinburg wagon road. bears N.W. ^{and} S.E.

80.00 Cor. to Secs. 2, 3, 34, ^{and} 35. a post. decayed, and marks obliterated, and faint trace of pits and mound. I destroy the old post. I re-establish this Cor. by setting a post 4 ft. long, 4 in. square, with marked stone 12 in. in the ground, for Cor. to Secs. 2, 3, 34 ^{and} 35, marked T. 3, N. S. 35 on N.E. R. 2, W. S. 2 on S.E. T. 2, N. S. 3 on S.W. and S. 34 on N.W. faces, with 4.

Resurvey of the South

chain notches on W. and 2 notches on
E. edges. dug pits $18 \times 18 \times 1\frac{1}{2}$
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
around post.

Land level

Soil: gravelly, 2^d rate

Tiubo, Mesquite & Palo Verde
So. chms

$N 89^{\circ} 47' E$ on a true line
bet. Secs. 2nd and 35
Va. $13^{\circ} 45' E$

In Mesquite^{4th} and Palo Verde
40.00 old $\frac{1}{4}$ Sec. Cor. a post.
firmly set and properly
marked, as described in
the field notes furnished by
the Surveyor General.

boundary T. 3. N. R. 2 W.

80.00 Cor. to Secs. 1, 2, 35th and 36. A
part. firmly set, and
properly marked, as described
in the field notes furnished
by the Surveyor General.
Land level.

Soil. Sandy 1/4 2^d rate
Timber. Mesquite & Palo Verde

N 89° 47' E on a true line
bet. Secs. 1, 35th and 36.

Va. 13° 45' E.

In Mesquite & Palo Verde

40.00 Old 1/4 Sec. Cor. a part. greatly
decayed, and marks oblit-
erated, with faint trace of
pits and mound. I reestablish
this Cor. by

Setting a post. 3 ft. long. 3 in.

Resurvey of the South

chain square with marked stone 12 ins. in the ground. for $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ s on N. face dug pits $18 \times 18 \times 12$ ins. E & W, of post. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base around post. —

80.00 The Cor. to Sp. 2 & 3 N. R. 1st & 2, W. herebefore described Land. level.
Soil. Sandy. 2^d rate
Timber. Mesquite & Palo Verde

As the Survey of the west boundary of T. 3. N. R. 2. W. is impracticable. lying as it does. on the Eastern Slope of the White Tank

Boundary T. 3. N. R. 2. W.

Chain Mountains, which are steep and rocky, with many deep and precipitous Canyons and I cannot well establish the N.W. Cor of this Tp. So therefore I proceed to survey the N. boundary, as follows.

North. boundary

Chains From the Cor. to Sp. 3rd & 4^N.
 Rs. 1st & 2nd W. recently estab-
 lished by me. and described
 Lat. $33^{\circ}38'N$. Long. $112^{\circ}24'W$
 Thence I run.

West, on a true line
 bet. Secs. 1st & 36.

Pa. $13^{\circ}45'E$

In mesquite ^{2d} dense brush
 40.00 Set a post. 3 ft. long 3 ins.
 square. with marked stone
 12 ins. in the ground. for $\frac{1}{4}$ Sec.
 Cor. marked $\frac{1}{4}$ S. on N. face
 dug pits $18 \times 18 \times 12$ ins. E. & W.
 of post. $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base
 around post. -

80.00 Set a post. 4 ft. long. 4 ins.

T. 3. N. R. 2. W.

Chains Square. with marked Stone 12 ins. in the ground. for Cor. to Secs. 1. 2. 35. and 36. marked T. 4. N. S. 36. on N.E. R. 2. W. S. 1 on S.E. T. 3. N. S. 2. on S.W. and S. 35 on N.W. faces. with 1 notch on E. and 5 notches on W. edges. dug pits 18x18 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. around post.

Land. level.

Soil. Sandy. 1st x 2^d rate
Timber. Mesquite Ironwood
and dense brush. 80. chains

West. on a true line

North boundary

Chains Sub. Secs. 2nd & 35.

Va. $13^{\circ}45'E$.

In dense underbrush

40.00 Set a post, 3 ft. long, 3 ins. square, with marked stone 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ S. on N. face dug pits $18 \times 18 \times 12$ ins E & W. of post, $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, around post.

80.00 Set a post, 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs. 2, 3, 34th & 35, marked T. 4, N. S. 35, on N.E. R. 2 W. S. 2 on S.E. T. 3, N. S. 3, on S.W. and

T. 3. N. R. 2 W.

chain
 S. 34 on N.W. face. with 2
 notches on E. and 4 notches
 on W. edges. dug pits 18x18
 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
 around post.

Land. level.

Soil. Sandy loam 1st rate
 Timber, dense mesquite Iron
 wood and underbrush. 80. chains

West. on a true line
 bet. Secs. 3rd and 34.

Pa. 13° 45' E.

In dense underbrush
 40.00 Set a post. 3 ft. long 3 ins
 square. with marked stone 12
 ins. in the ground. for 1/4 Sec.

North. boundary

chains Cor. marked $\frac{1}{4}$ S. on N. face,
dug pits $18 \times 18 \times 12$ ins. E & W.
of post. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth
 $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
around post.

80.00 Set a post. 4 ft. long, 4 ins.
square, with marked stone
12 ins. in the ground, for Cor. to
Secs. 3, 4, 33rd & 34, marked
S. 4. N. S. 34 on N.E.
R. 2. W. S. 3 on S.E.
T. 3. N. S. 4 on S.W. and
S. 33 on N.W. faces, with 3
notches on E & 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. around post.

T. 3. N. R. 2. W.

Chains Land: level
 Soil. Sandy loam 1st rate
 Timber. Mesquite Ironwood ^{and}
 dense underbrush 80. chains

West. on a true line

bet. Secs. 4th & 33.

Pa. $13^{\circ}50'E$.

In dense underbrush

- 40.00 Set a post. 3 ft. long 3 ins.
 square. with marked stone 12
 ins. in the ground. for $\frac{1}{4}$ Sec.
 Cor. marked $\frac{1}{4}$ S. on N. face
 dug pits $18 \times 18 \times 12$, ins E. & W.
 of post. $5\frac{1}{2}$ ft. dist. and
 raised a mound of earth $1\frac{1}{2}$
 ft. high $3\frac{1}{2}$ ft. base around post.
- 80.00 Set a post. 4 ft. long. 4 ins
 square. with marked stone 12

North boundary

Chains ins. in the ground. for. Cor. to
Secs. 4, 5, 32nd and 33, marked
T. 4 N. S. 33 on N.E.

R. 2 W. S. 4 on S.E.

T. 3 N. S. 5 on S.W. and
S. 32, on N.W. faces. with 4
notches on E. and 2 notches
on W. edges. dug pits 18x18x
12 ins. in each sec. 5 1/2 ft.
dist. and raised a mound
of earth 2 ft. high. 4 1/2 ft.
base, around post.

Land level.

Soil. Sandy loam 1st rate
Timber. Mesquite. Ironwood
and dense. Underbrush. 80. Chs.

West. on a true line.

bet. Secs. 5th and 32.

T. 3. N. R. 2. W.

- Chains Va. $13^{\circ}50'E$.
- 16.00 In dense underbrush
Phoenix ^{4d} Wickenburg Wagon
road. bears N.W. ^{4d} S.E.
- 40.00 Set a post, 3 ft. long, 3 in.
square, with marked stone 12
ins. in the ground. for $\frac{1}{4}$ Sec.
Cor. marked $\frac{1}{4}$ S. on N. face,
dug pits $18 \times 18 \times 12$ ins. E. & W.
of post. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth $1\frac{1}{2}$
ft. high $3\frac{1}{2}$ ft. base around post.
- 70.00 Wash. 6 lks. wide 3 ft. deep ^{4d}
flows. $N40^{\circ}E$.
- 74.00 Same wash. flows. S.E.
- 78.00 Same wash. flows. $N80^{\circ}E$
- 80.00 Base of White Tank Mountain
Set a granite stone $20 \times 8 \times 8$
ins. 15 ins. in the ground. for Cor.

North boundary. T. 3. N. R. 2. W.

Chains to Secs. 5, 6, 31, ^{and} 32 marked with 5 matches on E. and 1 match on W. edges, and raised a mound of Stone $1\frac{1}{2}$ ft. high, 2 ft. base, alongside, ^{to} impractical Land. level. 60. chs. broken. 20 chs. Soil. Sandy ^{and} Stony. 1st & 3^d parts Timber. Mesquite Ironwood and dense undergrowth. 80. Chs. 400. chs. of this boundary run. thro dense undergrowth

I discontinue the line at this point, on account of rough ^{and} inaccessible Mountain lying westward. —

In order to close fractional T. 3. N. R. 2. W. I run a blank line, on East boundary, of the west. range of Sections (ie) 6, 7, 18, 19, 30 ^{and} 31.

West. boundary J. 3. N. R. 2. W.

chain I now proceed to the Cor. to
Secs. 5, 6, 31st & 32. Sp. 2nd & 3rd N.
R. 2. W. heretofore described
Whence I run on a blank line
N 0° 3' W parallel to E. bdy.
of the Township.

Ca. 14° E.

and ab. 482.00 chains, the
Corresponding ^{Cor.} or North bound-
ary of the township, bears
East. 12 links, dist.

Sept. 19, 1894

Extras. J. 4. N. R. 1. W.

Boundary	True bearing	Distance Chains	Latitudes		Departures	
			N.	S.	E.	W.
W. B'dy	NORTH	474.60	474.60			
N. B'dy	N 89° 50' E	467.10	1.36		467.10	
E. B'dy	S 0° 20' E	476.00		476.00	2.78	
S. B'dy	WEST					470.90
Convergence					48	
			475.96	476.00	470.36	470.90
	Totals			475.96		470.36
	Error in Latitude			.04		
	Error in Departure					.54

Exteriors J. S. N. R. 2. W.

Boundary	True bearing	Distance	Latitude		Departures	
			N.	S	E	W.
W. Bdy	N 0° 2' W	482.00	482.00			28
N. Bdy	East.	400.00			400.00	
E. Bdy	South.	480.00		480.00		
S. Bdy	S 89° 47' W	400.00		1.52		400.00
Convergence					.14	
			482.00	481.52	400.14	400.20
	Totals -----		481.52			400.14
	Error in Latitude ---		48	Error in departures ---	.14	