

Resurvey

1st Standard Parallel N.

through R's. 2 & 3 E.

1301

No. 1301

BOOK 1301

4-671

BOOK 1301

FIELD NOTES
GENERAL LAND OFFICE.

First Standard North
Through

		Page
Range 2 E	—	3
" 3 E	—	15

BOOK 1301

No. 1301

Field Notes
of the resurvey of the
1st Standard Parallel North
through
Ranges 2 and 3 East
of the
Principal Base and Meridian
in the
Territory of Arizona
as surveyed by
James H. Martineau
U. S. Deputy Surveyor

Under his contract No. 30
dated June 21st 1893
Survey commenced January 26. 1894
Survey completed January 27. 1894.

Indexes.

1st Standard Parallel, Range 2 East.

4	6	7	8	10	12
sec 31	32	33	34	35	36

1st Standard Parallel N., Range 3 East.

15	17	19	21	24	26
sec 31	32	33	34	35	36

Resurvey of 1st Standard

Resurvey commenced
Jan'y 26. 1894

In attempting to close my
east boundaries north on the
1st Standard Parallel North,
of Ranges 2 and 3 East.

Sp. 4 N. I was unable, after
long and careful search, to
find any trace of the
original Standard corners,
and continued this search
for two miles west of
point for each Sp. closing
corner. I am therefore
compelled to re-establish
the First Standard Parallel
North along Ranges 2 and 3
East, and go to the original

Parallel North through R. 2 East

cor. to T. 5-N. R's 1 & 2 E. which I find in place, and is a stone 7 in pd. S.C. on N. face and 6 notches on E. & W. edges, with mound, and pits nearly filled but still plain. Cleared pits.

From this corner I run

East on a true line
along Sec. 31

On. $13^{\circ}40'E.$

Over mountainous land

- 3.40 Closing cor. set by Deputy Powers.
- 28.20 Dry wash, 40 cks wide, course S.W.
Begin to ascend steep rocky
point of mountain on N. slope.
- 40.00 Point for original $\frac{1}{4}$ Sec. Cor.
described in original notes as a
"mound with charred stake."
No trace of any mound or cor.

Resurvey of First Standard

can be found, and I re-establish same by setting a stone $10 \times 10 \times 8$ ⁱⁿ in a mound of stones for $\frac{1}{4}$ sec. cor. mkd. $5 C \frac{1}{4}$ on N. face. and raised a mound of stones $1\frac{1}{2}$ ft high 2 ft base alongside. Pits impracticable.

56.00 Top of ridge of same mountain.

68.00 Descend very abruptly

80.10 Old corner, a stone in a mound of stones 4 links north of my line mkd 1 notch on W. & 5 on E. edges. As this is undoubtedly the true, original cor. I adopt it and from it run line east.

Land Mountainous 80.10 Chs.
Soil poor and stony

Parallel along Range 2 E.

No timber nor grass

East on true line along Sec. 32
 Va. $13^{\circ}40' E.$

Over rough ground

40.72 Old corner, a stone m'kd. S.C. $\frac{1}{4}$
 on N. face, in a mound of stone
 7 lbs. South of line. I raised a
 mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
 base alongside. Pits imprac-
 ticable.

79.96 Old corner, a stone m'kd. 2
 notches on W. & 4 notches on E.
 edges, and S.C. on N. face. I
 built mound of earth alongside
 2 ft high $4\frac{1}{2}$ ft base and
 dug pits $18 \times 18 \times 12$ ins in each
 Sec. $5\frac{1}{2}$ ft. dist.

Resurvey of First Standard
Land rough & mountainous
Soil 4th rate
No timber

East on true line along
Sec. 33

(Va. $13^{\circ}40'E$.)

- 40.20 Old corner, a stone m^{kd.} S.E.
 $\frac{1}{4}$ on W. face, no mound or
pits. I built a mound of
stones $1\frac{1}{2}$ ft high 2 ft base
alongside. Pits impracticable.
On S. slope of high mountain.
- 43.70 Ascend steep 3 Chs. then
more gradual, and over
broken ground.
- 7000 Top of ridge of mountain 500
ft above last cor. Descend.

Parallel along Range 2 E.

S.W. Point for original corner. I made diligent search but could find no trace of old cor. I reestablish same by setting a stone $18 \times 10 \times 7$ ins $\frac{1}{2}$ 12 ins. in the ground for cor. to Secs. 33 & 34 Wkd. 3 notches on E. & W. edges and S C on N. face, and raised a mound of stones 2 ft high 2 ft base alongside. Pits impracticable.

Land very mountainous

Soil 5th rate

No timber nor grass

East on a true line along

Sec. 34

($N. 13^{\circ} 40' E.$)

Resurvey of First Standard

- Over mountainous land
- 36.00 Top of high rocky ridge
bears N. W.
- 40.80 Old Corner, a stone in mound
of stones, Mk'd. S C $\frac{1}{4}$ on N. face,
no mound or pits. I raised
a mound of stones $1\frac{1}{2}$ ft high
2 ft base alongside. Pits
impracticable.
- 45.50 Top of high ridge, bears
N. W. & S. E.
- 80.20 Old Corner, a stone Mk'd.
4 N. and 2 E. and S C on
N. face, a stone in mound
of stones. I raised a mound
of stones $1\frac{1}{2}$ ft high 2 ft base
alongside, Pits impracticable.
Land mountainous
Soil 5th rate - rocky

Parallel North along Range 2 E.

No timber

East on a true line along
Sec. 35-

Ca. $13^{\circ}40'E$.

Over mountainous land

7.20

Dry wash, course $S. 10^{\circ} W.$

35.00

Dry wash, 60 lks wide course
 $S. 15^{\circ} W.$ Then over level land

40.00

Point for original corner. I
make careful search for it
but could not find any
trace of it. I re-establish it
and set a stone $12 \times 10 \times 9$ in
 8 in on the ground for stand-
-ard $\frac{1}{4}$ Sec. Cor. Mked. $SC \frac{1}{4}$
on N. face, deep pits $18 \times 18 \times$
 12 ins. E. & W. of stone $5\frac{1}{2}$ ft

Resurvey of First Standard

dist. and raised a mound
of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
base alongside.

80.00

Point for old corner—"a"
marked stone and mound,"^{4 pits}"
I made careful search but
could not find any trace of
it. The ground is sandy, and
rains and cattle have
obliterated it. I re-establish
it, and set a stone $15 \times 12 \times$
 9 ins 10 ins in the ground for
Standard Cor. to Secs. 35 and
36, mkd. with 5 notches on
W. and 1 notch on E. edges
and S.E. on N. face. Pits
impracticable.

Land Mountainers 1st
40 Chs. Last 40 broken.

Parallel in Range 2 E.

Soil 3^o rate

No timber.

East on a true line along
Sec. 36

Va. 13° 40' E.

- Over nearly level land
- 17.00 foot of ridge and dry wash
course nearly S.
- 20.90 dry wash, course S.
- 31.00 Road from Phoenix to Prescott
- 40.09 A stone mkd. S.C. on N. face
but no mound or pits.
Evidently the old corner. I
dug pits 18 x 18 x 12 ins E. & W.
of stone 5 1/2 ft. dist. and
raised mound of earth 1 1/2 ft
high 3 1/2 ft base alongside.

Resurvey of 1st Standard

8000

Point for old Sp. Cor. I made careful search with all my party, but could find no trace of it. I re-establish this cor. and set a stone $15 \times 10 \times 9$ ^{ins} 10 ^{ins} in the ground for cor. to Sp. 5th N. Rs. 2 & 3 E. Marked with 6 notches on N. E. & W. faces and S.C. on N. face. Dug pits $24 \times 18 \times 12$ ^{ins} crosswise on each line N. E. and W. of Stone 6 ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft high 5 ft. base alongside.

Land nearly level

Soil 2nd rate - gravelly
No timber - much brush.

January 26. 1894

Parallel N. in Range 2 E.

17

Resurvey of First Standard
 Soil very poor and stony.
 No timber

East on a true line
 along Sec. 32
 Va. $13^{\circ}40'E$.

- 3.50 Top of hill about 100 ft high.
 14.00 foot of same, and ascend
 26.00 Top of rocky ridge 300 ft high.
 34.00 Dry wash at foot of ridge
 40.00 Point for $\frac{1}{4}$ sec. cor. Could
 not find old cor. stone, though
 I made careful search
 for it. I re-establish this
 cor. by setting a stone $14 \times$
 10×6 ins 10 in in the ground
 for re-established $\frac{1}{4}$ sec.
 cor. Mk'd. S. C. $\frac{1}{4}$ on N. face

Parallel in Range 3 East.

and raised a mound of
stones $1\frac{1}{2}$ ft high 2 ft base
alongside. Pits impracticable.

61.40 Top of ridge 200 ft high, bears S.
very rocky and broken

80.00 Point for Sec. cor. Sought
carefully for original cor. - "a
mkd. stone in a mound of stone",
but could find no such mound
of stone, and I re-establish
this cor. by setting a stone
 $18 \times 14 \times 12$ ins in a mound of
stones, mkd. 2 notches on W.
and four notches on E. faces
and S. C. on N. face for cor.
to Secs. 32 and 33, and
raised a mound of stones
2 ft high 2 ft base alongside.
Pits impracticable. Cor. N. W.

Resurvey of First Standard

Slope of Mountain.

Land Mountainous

Soil 5th rate - Stony

East on a true line

Along Sec. 33

Va. $13^{\circ}40'8''$.

Over mountainous land,

15.00 Dry wash, course N. E.

40.00 Point for $\frac{1}{4}$ Sec. Cor. I made careful search for it, but could find no trace of it, and therefore re-establish it by setting a stone $12 \times 10 \times 9$ ins 8 in in the ground for $\frac{1}{4}$ Sec. Cor. Mk'd. S. C. $\frac{1}{4}$ on N. face and raised a mound of stones $\frac{1}{2}$ ft high 2 ft base along-

Parallel in Range 3 E.

-Side: Pits impracticable

55.00 Dry wash 80 lks wide, course
N. 10° E.

72.40 Dry wash 100 lks wide,
course S. at foot of hill
about 150 ft high. Thence
rolling land.

80.00 Point for old Sec. Cor.
Could not find any mound
of stones as noted in original
field notes, though I made
diligent search for it. I
reestablish this cor. by
setting a stone $15 \times 10 \times 9$ ins
 10 ins. in the ground for cor.
to Secs. 33 & 34 marked with
3 notches on E. & W. faces and
S. C. on N. face, and raised
a mound of stones alongside.

Resurvey of First Standard

Pits impracticable.

Land mountainous

Soil 5th rate, stony

No timber

East on a true line

along Sec. 34

Va. $13^{\circ} 40' E.$

Over rolling land

3.40 Right-bank of dry wash 60
lks. wide, course $S. 10^{\circ} W.$

4.00 Left bank of same wash

10.30 Right bank of Cave Creek
Wash, 8 ft banks, course
 $S. 20^{\circ} W.$

12.00 Left bank, same wash

18.00 Foot of hill about 100 ft
high

Parallel in Range 3 East.

- 24.00 Top of same
- 22.00 foot of same.
- 40.00 Point for $\frac{1}{4}$ Sec. Cor. Sought diligently but could not find any mound of stones, all the ground here being sandy and free of any stones. Do not think any mound was ever erected here. I reestablish this cor. by setting a stone $12 \times 10 \times 8$ ins in the ground for $\frac{1}{4}$ Sec. Cor. Mked. S C $\frac{1}{4}$ on N. face, dig pits $18 \times 18 \times 12$ ins E. & W. of stone $5\frac{1}{2}$ ft dist. & raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.
- 80.09 I find a stone nearly in line, the only one anywhere

Resurvey of First Standard

near in this sandy soil,
with appearance of pits
nearly filled, but could
find no marks on the Stone,
which is a soft malapaia
easily disintegrated. I

believe this to be the original
Stone cor. and reestablish
by putting a better stone
in its place for cor. to Secs.

34 x 35" hkd, with 4 notches
on W. and 2 notches on E.
edges and S.C. on N. face
Dug pits 18 x 18 x 12" 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 generally level
Soil 1st rate, Sandy.

Parallel North in R. 3 E.

No timber, Much brush

East on a true line

Along Sec. 35-

Pa. $13^{\circ}40'E$.

Over level and brushy land

16.00 Dry wash, course N.

26.70 Dry wash, course N.

40.00 Point for old $\frac{1}{4}$ Sec. Cor. I
sought for it diligently, but
could find no trace of any.
The land is very loose & sandy,
and any mound has been
long since obliterated. I
reestablish this cor. by setting
a stone $14 \times 12 \times 9$ ^{ins} $\frac{10$ ^{ins} on
the ground for $\frac{1}{4}$ Sec. Cor.
Mkd. S C $\frac{1}{4}$ on N. face, by

Resurvey of First Standard

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.

64.60 A dry wash, course S. W.

68.75 A road, bears N. 20° E.

74.00 Union Mine water pipe,
N. 20° E.

80.00 Point for old cor. I
searched for it long and
diligently, but could find
no trace of it. Being originally
a mound, in loose sandy soil,
it has long since been
obliterated. I reestablish
this cor. by setting a stone
 $15 \times 10 \times 7$ ^{ins} 10 ^{ins} in the
ground for Cor. W Sec. 35
& 36, 1/4 Sec. S C on N. face

Parallel North in R. 3 East

with 5 notches on W. and 1 notch on E. edges, 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 and $4\frac{1}{2}$ ft base alongside.

Level level

Soil 1st rate - sandy

No timber

Dense undergrowth 80.00 Chs.

East on a tree line

Along Sec. 36

Va. $13^{\circ} 40' 8''$.

Low level land, and thick brush.

12.80 Dry wash, course S. W.

36.70 Same wash, course N. W.

Resurvey of First Standard

- 40.00 Sought for original mound of earth and charred stake but could find no trace of it, the soil being very loose and sandy. I reestablish this cor. by setting a stone $13 \times 10 \times 6$ ^{ths} 8 _{ins} in the ground for $\frac{1}{4}$ Sec. Cor. Mk'd. S C $\frac{1}{4}$ on N. face. Dug pits $18 \times 18 \times 12$ _{ins} E. & W. of stone $5\frac{1}{2}$ ft dirt, and raised a mound of earth $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base alongside.
- 47.60 Road to mine, bears N. E.
- 80.00 Point for original Sp. Cor. — "a mound, with charred stake." I sought two hours with all my party for it, but could find no trace

Parallel North in Range 3 East

of it. being long since
 obliterated by rains and
 stock cattle, I reestablish
 this cor. by setting a stone
 $18 \times 12 \times 5$ ^{ins} - 12 ^{ins} in the
 ground for cor. to Sp. 5-9.
 Ranges 3 & 4 E., marked
 with 6 notches on N. E. & W.
 faces, ^{and S.E. on N. base} dug pits $24 \times 18 \times 12$ ^{ins}
 crosswise on each line N. E.
 and W. of stone 6 ft. dist.
 and raised a mound of earth
 $2\frac{1}{2}$ ft high 5 ft base
 alongside.

Land level

Soil, ^{at rate} - sandy,
 no timber, but dense
 undergrowth of *Sarr. Charis.*

January 27, 1894

J. H. Martineau
U. S. Dep. Surveyor.

U. S. Surveyor-General's Office,

TUCSON, A. T. Jan 28 1895

The foregoing Field Notes of the ^{Re} Surveys of
 the 1st Standard Par
 North thro Ranges
 2 and 3 East of
 the — Gila and Salt River Meridian
 in — Arizona — executed by
 James H. Mainieau
 U. S. Deputy Surveyor, under his contract dated
 June 21st 1893.
 having been critically examined, the necessary correc-
 tions and explanations made, the said Field Notes and
 the surveys they describe are hereby approved.

L. H. Manning
 U. S. Surveyor-General
 for the Territory of Arizona.