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FIELD NOTES
GENERAL LAND OFFICE.

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No. 1239

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Field Notes
of the retracement of the
Sixth Standard Parallel North
through
Range No. 4 East
of the
Gila and Salt River
Base and Meridian,
in the
Territory of Arizona
as surveyed by
Marvin Caudle
U. S. Deputy Surveyor
Under his contract No. 97
Dated June 30, 1902.

Survey Commenced June 29, 1903.
Survey Completed July 2nd 1903.

Preliminary
~~Interim~~
 For ~~first~~ ~~finds~~ oaths, see Runway
 of 6th Stand. Pal. N thro. Range
 4 East

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31	32	33	34	35	36
10	10	9	7	6	4
6	5	4	3	2	1

Retracement of the 6th St. Par, ³
North, through R. 4 E.

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Note, - The following field notes are the notes taken in the field at the time of the running of the random line in connection with the resurvey of the 6th St. Par. N. through R. 4 E., which were inadvertently omitted from the field notes of said resurvey, and are now herewith made a part thereof. The description and test of instrument is omitted herein, having been given with the field notes of said resurvey.

June 30, 1903; at 6 hours, but,
I set off $35^{\circ} 28' N.$ on the lat.
arc; $23^{\circ} 14\frac{1}{2}' N.$ on the decl. arc;

Retraiment of the 6th St. Par.
North, through T. R. 4 E.

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and determine a true
meridian with the
solar at the standard
cor. of Tps. 25 N. R. 4 and
5 E., previously described.

Thence I run
West, on a blank line
along the sixth standard
Parallel and S. bdy. of
T. 25 N. R. 4 E., as a prelimin-
ary to commencing the
survey of the exterior
boundaries of T. 25 N.
R. 4 E., and the subdivisions
of Tps. 24 and 25 N. R. 4 E.,
in accordance with
special instructions to
determine the conditions
of the 6th St. Par. N. through

Retracement of the 6th St. Pa. 5
N. through R. 4 E.

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R. 4 E.

7th Sec 5 of

15.27 Intersect the closing cor.

7th Sec. 5 of Twp. 24 N. R. 4 and 5 E.

which is a malpais stone

12 x 12 x 6 ins. above ground,

firmly set, marked and

witnessed as described by

the surveyor general.

40.00 Set temp. standard $\frac{1}{4}$ sec. cor. 36.

40.26 The old standard $\frac{1}{4}$ sec. cor.

bears N. 4 lbs. dist., which

is a malpais stone 6 x 8 x 5

ins., above ground, marked

and witnessed, as described

by the surveyor general

80.00 Set temp. standard cor. of secs

35 and 36. I find the old

standard cor. of secs. 35

and 36 at a point 53 lbs.

Retracement of the 6th St. Par. N.
Through R. 4 E.

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west, and 36 lks. N. of the
temp. cor. just set. As
this shows the length of
the S. Bdy. of sec. 36, to be
80.53 chs., which is in
excess of the allowable
limits, I continue my line
west, and set temp. cors. at
intervals of 40.00 chs. and
80.00 chs. counted from the
S. E. cor. of the tp. and note
the position of each old cor.
from this line.

Continue west from temp. cor.
of secs. 35 & 36,

0.53 The old standard cor. of
secs. 35 and 36, bears N.
36 lks. dist., which is
a malapa's stone 0X8X6

Retracement of the 6th St. Pas. N. 7
through R. 4 E.

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ins. above ground, marked
and witnessed as described
by the surveyor general

40.00 Set temp. standard $\frac{1}{4}$ sec.
cor. for sec. 35.

40.50 The old standard $\frac{1}{4}$ sec.
cor. bears N. 18 lks. dist.
which is a malapa's stone
11x7x3 ins. above ground
marked and witnessed
as described by the surveyor
general.

80.00 Set temp. standard cor. of
secs. 34 and 35.

Continued west.

0.30 The old standard cor. of secs.
34 and 35 bears N. 55 lks.
dist. which is a malapa's
stone 12x12x6 ins. above

Retracement of the 6th St. Ar. N.
through R. 4 E.

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- ground marked and witnessed
as described by the surveyor
general.
- 40.00 Set temp. standard $\frac{1}{4}$ sec.
cor. for sec. 34.
- 40.61 The old standard $\frac{1}{4}$ sec. cor.
bears N. 40 lks. dist., which
is a Malapa's stone 10x7x3
ins. above ground, marked
and witnessed as described
by the surveyor general.
- 80.00 Set temp. standard cor. of
secs. 33 and 34.
Continue west.
- 0.89 The old standard cor. of
secs. 33 and 34 bears
N. 9 lks. dist., which is
a Malapa's stone 12x8x4
ins. above ground

Retrace of the 6th St. Par. N. 9
through R. 4 E.

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marked and witnessed
as described by the
surveyor general.

40.00 Set temp. standard $\frac{1}{4}$ sec.
cor. for sec. 33.

41.19 The old standard $\frac{1}{4}$ sec. cor.
bears N. 51 lks. dist., which
is a malapicis stone 12x6x4
ins., above ground, marked
and witnessed as described
by the surveyor general.

80.00 Set temp. standard cor. of
secs. 32 and 33.

June 30; at this point I set
off $23^{\circ}13\frac{1}{2}'$ N. on the decl. arc,
and at 0^h03.2^m p.m., but,
observe the sun on the
meridian; the resulting
lat. is $35^{\circ}28'N.$, which is correct.

10 Retracement of the 6th St. Par. N.
through R. 4 E.

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Continue west.

1.07 The old standard cor. of sec.
32 and 33 bears N. 78
lks. dist., which is a
post greatly decayed
witnessed as described
by the survey or general.

4000 Set temp. standard $\frac{1}{4}$ sec.
cor. for sec. 32.

After diligent search, I could
find no trace of the old
standard $\frac{1}{4}$ sec. cor.

8000 Set temp. standard cor. of
secs. 31 and 32.

Continue west.

1.14 The old standard cor. of sec.
31 and 32, bears N. 105
lks. dist., which is a
malapa's stone 12 X 8 X 6 in.

above ground, marked and
witnessed as described by
the surveyor general.

40.00 Set temp. standard $\frac{1}{4}$ sec. cor.
for sec. 31.

41.44 The old standard $\frac{1}{4}$ sec. cor.
bears N. 133 lks. dist.,
which is a malpais
stone 12x6x4 ins., above ground
marked and witnessed as
described by the surveyor
general.

81.37 The standard cor. of the 2.5th N.,
R. 3 and 4 E., bears N. 98 lks.
dist., previously described.
The retracement just com-
pleted, shows that the old
line, 6th St. Par. N. through
R. 4 E., is irregular, and

12 Retacement of the 6th St. Pars N.
through R. 4 & 5.

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erroneous in measurement
and alignment, and as
there have been no surveys
initiated from or closed
upon said line, I completely
obliterate it and resurvey
the same by running a
true line S. 89° 53' E.

from the standard cor. of
Tps. 25 N. Rs. 3~~4~~ and 4 E. to the
closing cor. of Tps. 24 N.
Rs. 4 and 5 E., and thence

S. 89° 44' E.

East to the standard
cor. of Tps. 25 N. Rs. 4 and 5
E., throwing the excess
of measurement, 1.37 chs,
on the last 1/2 mile to
the east, against the old
survey, establishing new

589 44'

Retraiment of the 6th St. Pa. N. 13
through R. & E. BOOK 1239
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standard $\frac{1}{4}$ sec. and sec. cor.,
at intervals of 40.00 chs.
from the S.W. cor. of the Tp.
in accordance with the
manual of instructions
and special instructions.
I destroy all trace of the
following named old corners
which have been previously
described:

Standard $\frac{1}{4}$ sec. cor. on the S. Bdy
of secs. 31, 33, 34, 35, and 36.
Standard cor. of secs. 31 and 32,
32 and 33, 33 and 34, 34
and 35, 35 and 36.

Diligent search was made
for the old standard $\frac{1}{4}$ sec.
cor. on the south bdy. of sec. 32,
but no trace of it could be found.

14 Retracement of the 6th St. Par. N.
through R. 4 E.

The complete field notes of
the resurvey of the 6th
St. Par. N. through R. 4 E.
having been previously
reported, are omitted here.

Manir Baudle

U.S. Deputy Surveyor

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A P P R O V A L.

Office of the
United States Surveyor-General,
Phoenix, Arizona.

Mar. 10, 1904

The foregoing field notes of the survey of *Supplemental notes of the resurvey of the Sixth Standard Par. North thro. Range 4 East* of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Executed by *Marvin Baudle*

United States Deputy Surveyor, under his contract No. 97, dated *June 30* 1902, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls

U. S. Surveyor-General.