

P. *See Index*
See Index
See Index

BOOK 1340

BOOK 1340

P. 1

Field Notes

BOOK 1340

OF THE SURVEY OF

*The 6th Auxiliary Meridian
East. through.*

*T. 9 N. 10 W. bet.
R. 24 and 25 East.*

No. 1340

Gila and Salt River Base and Meridian

ARIZONA.

By *A. P. Johnson* D.S.

Under contract dated *July 7th* 1882.

Survey commenced *Oct 26th* 1882.

Survey completed *Oct 27th* 1882.

1340



BOOK 1340

6th Auxiliary Meridian
East, through T. 9. N.

From Pg 9 — 14
through
T. 10. N.

From Pg. 15 — 22.

6th Aux. Mer. E.

T. 9. N.

T. 10. N.

1 12 6

1 21 6

12 10 7

12 20 7

13 8 18

13 19 18

24 6 19

24 16 19

25 4 30

25 16 30

26 2 31

26 15 31 P

For description of instrument
and preliminary oaths
see book one.

Survey commenced Oct. 26th 1882,
Survey completed, Oct 27th 1882.

6th Auxiliary Meridian E. through T. 97

chs

No. 1340

From the Stansan corner
to Tps 9 N. Rs 24^{and} 25 E.
recently established by
me. J. W. W.

North W. sec. 31 ^{and} 36

to 14° 15' E.

Ascend

23.00 A Yellow Pine 16 in dia beam.

40.00. Set a post 3 ft. long 3 ins. diam with marked
stone, 12 ins. in the ground for $\frac{1}{2}$ Sec. Cor.
marked $\frac{1}{2}$ S. on W face, dug pits ~~18 x 18 x 12~~
~~ins. N and S of post 51 ft. dist. and raised~~
a mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base around
post. from which

A Yellow Pine 16 in dia beam bears

N. 49° N. 91 lbs dist

Marked . . . 14 S. B. T.

A Yellow Pine 15 in dia beam

bears N. 45° E. 85 lbs dist

Marked . . . 14 S. B. T.

70.00 Top of ridge bears N 55° N. 400 ft.

6th Auxiliary Meridian through T. 9 N.

chs

high ^{and} descend

80.00

Set a post 4 ft. long 4 ins. square, with marked
 stone, 12 ins. in the ground for Cor. to Secs,
 25. 30. 31 ^{and} 36 marked T. 9 N. S. 20 on
 N. E. R. 25 & S. 31 on S. E. R. 24 & S. 30 on
 S. W. and S. 25 on N. W. face, with 1 notch
 on S, and 5 notches on A 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. around post. from which

A Yellow pine 40 ins diam bears
 S 66° E. 26 lbs dist

Marked T. 9 N. R. 25 & S. 31 B. T.

A Yellow pine 9 ins diam bears
 N. 20° W. 9 lbs dist.

Marked T. 9 N. R. 24 & S. 25 B. T.

A Yellow pine 8 ins diam bears
 S. 69° W. 18 lbs dist

Marked T. 9 N. R. 24 & S. 36 B. T.
 ^ no other trees within limits.

Surface Mountainous

Soil; 8th val.

Timber. Dense Yellow Pine

6th Auxiliary Meridian E. through T. 9 N.

chs

Spruce ^{and oak.}
Vegetation Good bunch ^{and grass}
-ma grass

Walk bet. see's 25' ^{and 30}
In 13° 45' E

Descend

25.10 Cross ravine 24 lbs rods
to N.W.

27.60 A Yellow Pine 14 ins diam

40.00 Set a post 3 ft. long 3 ins. diam with marked
stone, 1 1/2 ins, in the ground for 1/4 Sec, Cor,
marked 1/4 S. on W face, dug pits ~~18 x 18 x 12~~
~~ins~~ and ~~of post 1/2 ft. dist.~~ and raised
a mound of earth 18 ft, high ~~1/2 ft.~~ base around
post. from which

A Yellow Pine 14 ins diam
bears S. 18° E. 98 lbs dist

Marked 1/4 S. B. T.

A White Oak 7 ins diam bears
S. 70° W. 95 lbs dist. Marked.

6th Auxiliary Meridian E. through P. 97

chs

St. 14 S. B. T.

78.10 Top of ridge bears N. 60° W. 150 ft high. and descends

80.00 Set a post 4 ft long 4 in square with marked stone 12 in in the ground for the corner to secs 19, 24, 25 and 30. marked S. T. 97. S. 19. on N. E. R. 25. E. S. 30 on S. E. R. 24 E. S. 25 on S. ~~W.~~ and S. 24 on N. W. faces. with 2 notches on S. and 4 notches on N. ~~edge~~

and raised a mound stone around post, ^{Pr. impracticable} from which a Yellow pine 12 in diam bears N. 56° W. 43 lbs dist

Marked T. 97. R. 24 E. S. 24 B. T.

A Yellow pine 39 in diam bears S. 80° W. 5-7 lbs dist

Marked T. 97. R. 24 E. S. 25 B. T.

6th Auxiliary Meridian C. through S. 9 N.

chs

A White Oak, 8 ins diam bears
S. 18° E. 72 lks dist. Marked
G. 9 N. R. 25 E. S. 30 B. T.

A White Oak, 6 ins diam bears
N. 55° E. 5.3 lks dist. Marked
G. 9 N. R. 25 E. S. 19. B. T.

Land. Mountainous

Soil. 8th race

Timber. Dense Yellow

pine. spruce ^{and} oak

Vegetation Good Bunch
and gramma grass

North bet sees 19 ^{and} 2 L

To 15° 13' E.

Descent

40.00 Set a post 3 ft. long 3 ins. diam with marked
stone, 2 $\frac{1}{2}$ ins, in the ground for, $\frac{1}{2}$ Sec, Cor,
marked $\frac{1}{2}$ S. on W face, dug pits 18 x 18 x 12
ins. ~~and~~ 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. from which.

6th Auxiliary Meridian E. through T. 9 N.

chs

A Yellow Pine 38 ins diam -
bears N. 23° W 24 lks dist
Marked T. 9 N. R 24 E S 13 B. T.

A Yellow Pine 9 ins diam bears
S. 61° E. 77 lks dist
Marked T. 9 N. R 24 E S 13 B. T.

64.53 Cross Apache ^{and} Snowflake
road bears N. 27° E.

73.03 Cross Dry wash 15 lks dist
to N 10° E. ^{and} Ascend.

80.00

Set a post 4 ft. long 4 ins. square, with marked
stone, 12 ins, in the ground, for Cor. to Secs,
13, 19, 19 ^{and} 24 marked T. 9 N. S. 18 on
N. E. R. 28 E. S. 19 on S. E. R. 24 E S 24 on
S, W, and S, 13 on N, W, faces with 3 notch
es on S, and 3 notches on N. edges and
pits 13 x 18 x 12 ins. in each Sec. 6 1/2 ft dist.
and raised a mound of earth 2 ft. high. 4 1/2 ft.
base. around post. from which

A Yellow Pine 16 ins diam bears
N. 33° W. 16 4 lks dist. Marked
T. 9 N. R 24 E S 13 B. T.

6th Auxiliary Meridian E through R. 9. N.

chs

A Yellow pine 12 ins diam base
S. 52° W. 170 lks dist. Marked

T. 9 N. R. 24 E. S. 24. B. T.
My other trees within limits
Land Mountainous

Soil 2nd and 3rd rate.

Timber. Dense Yellow pine
and oak

Vegetation. Good gramma
and bunch grass.

~~North~~ lat-secs 13^{and} 18

14; 30' E.

Descent

40.00

Set a Basalt Rock 16 + 10 + 6 ins
11 ins in the ground for 14 sec
marked 14 on N. face
from which.

A Yellow pine 26 ins diam base
S 23° E. 250 lks dist. Marked
14 S. B. T.

6th. Auxiliary Meridian E. through T. 9 N.

chs

- A Yellow pine 14 ins diam
 bears N. 52° W. 42 lbs dist.
 Marked ^{1/4} S. B. T.
- 49.00 Cross Long wash 7 lbs mid
 course N 70° W.
- 77.82. Cross wash 10 lbs mid ^{and} W. ^{and} ^{and}
- 50.00 Set a Basalt Stone 17+11+6 ins
 11 ins in the ground for the
 corner to sees 7. 12. 13 ^{and} 18. ^{and}
 marked with 4 notches on S.
 and 2 notches on N. edge.
 from which
- A Yellow pine 32 ins diam bears
 S 28 E. 46 lbs dist. Marked
 T. 9 N. R. 25 E. S. 18 B. T.
- A Yellow pine 24 ins diam bears
 N. 61° E. 20 lbs dist. Marked
 T. 9 N. R. 25 E. S. 7 B. T.
- A Yellow pine 26 ins diam bears
 N. 60° W. 107 lbs dist. Marked
 T. 9 N. R. 24 E. S. 12 B. T.

6th Auxiliary Meridian through T. 9. N.

chs

A Yellow pine 41 ins diam
 bears S. 60° W. 106 lks dist
 Marked T. 9 N. R. 24 S. 13 B.S.
 Loc. Mountainous
 Soil; good rate.
 Timber. Dense yellow pine
 Vegetation good. Much grass

North Mt-see's 7th 19
 In 13° 15' E

Asced

- 3627 A Yellow pine 22 ins diam
- 38.00 Top of ridge bears N. 73° W. 100 ft.
high. ^{and} descends.
- 40.00 Set Basalt Stone 19+11+5 ins
12 ins. in the ground. For ¹⁴
see cor. marked 14 on N. face
from which,
A Yellow pine 10 ins diam bears
S. 48° E. 87 lks dist. Marked 148. B.S.

6th Auxiliary Meridian E. through T. 9 N.

chs

A Yellow Pine 5 ins diam bears
N. 88° W. 30 lbs dist. Marked
114 S. B. T.

57.12 Cross mark 17 lbs mid E. N. 60° W
and ascend.

76.00 Top of round Butte about 300
ft high and descend.

80.00 Set a Basalt-Rock 29 + 15 + 8 in
21 ins in the ground for the
cor to sees 1. 6. 7 and 12. marked
with 6 notches on S. and 4 notches
on N. edges. from which

A White oak 6 ins diam bears N. 19°
W. 28 lbs dist. marked T. 9 N.
R. 4 E. S. 1 B. T.

A White Oak 8 ins diam bears
S. 32° W. 27 lbs dist

Marked T. 9 N. R. 24 E. S. 12 B. T.

A White Oak, 11 ins diam bears
S 12° E. 50 lbs dist.

Marked. T. 9 N. R. 25 E. S. 7 B. T.

6th Auxiliary Meridian E. through T. 9 N.

chs

A White Oak, 10 mis drain cross
N. 26° E 24 lbs dist.

Market T. 9 N. R. 25 E S. 6 B. T.
Land. Mountainous
Soil 3rd rate.

Timber Dense Yellow Pine.

North lat sec 1 and 6

Pa 13° 45' E.

Descend.

40.00 Set a Basalt Stone 21 x 11 x 5 in
15 mis in the ground for 1/4 sec
con. marked 1/4 on N. face
from which

A White Oak 9 mis drain cross
N. 60° W. 20 lbs dist. Marked
1/4 S. B. T.

A Yellow Pine 17 mis drain cross
N. 87° E 62 lbs dist. Marked
1/4 S. B. T.

6th Auxiliary Meridian E through T. 9 N.

chs

21.00 Set a Basalt Stone 24 x 14 x 9 in
 18 ins in the ground for the corner
 to Tps 9^{and} 10^N Rs 24^{and} 25^E.
 marked with 6 notches on each
 edge. and raised a mound
 of stone alongside. This
 impracticable from which
 A Yellow pine 16 ins in diam
 bears N. 46° E. 30 lbs dist
 Marked T. 10 N. R. 25 E. S. 31 B. T.
 A Yellow pine 13 ins diam bears
 N. 51° N. 147 lbs dist
 Marked T. 10 N. R. 24 E. S. 36 B. T.
 A Yellow pine 10 ins diam bears
 S 62° E. 96 lbs dist
 Marked T. 9. N. R. 25 E. S. 6 B. T.
 No other trees within limits
 Land. Mountainous. and rocky
 Soil Stony and rari
 Timber. Dense Yellow Pine and
 white oak. with scattering
 undergrowth of sawo and black locust

6th Auxiliary Meridian through T. 9. N.

No. 1340

ch's

Vegetation. Good grass.
I carefully examined the
adjustments of my solar
compass to sun, particularly
the latitude and reversing
apparatus, and found them
correct. October 28th 1882.

6th Auxiliary Meridian through S. 10 N.

Ch's

From the cor to Tps ^{9 and} 10 N. R's 24
 a recently established by me
 and 25 E. I run N. on a random
 line to said Tps the variation
 of my compass being $14^{\circ} 30' 8''$
 I set temporary half-mile
 and mile corners at each 40
 and 80 chains and find the
 range line to be 479.68 ~~ch~~
 long. And the falling to be
 43 lks west of the cor to
 Tps 10 ^{and} 11 N. R's 24 ^{and} 25 E.
 which is
 A Basalt Stone properly
 marked, with mounds of stone
 alongside.

6th Auxiliary Meridian E. through T. 10 N.

ch's

I now return to the cor to
Tf's 9^{and} 10 N. R 24^{and} 28 S
and run.

North 3' E. on N. 6th see 31

to 140.30' E.

Ascend gradually

21.60 Cross wash 35' lbs wide to N.
12° E. ^{and} ascend

41.00 Set a Sandstone 18+12+4 in
12 in in the ground for 1/4
see cor. marked 1/4 on N.

face, and raised a mound
of stone along side ^{its impracticable} from which

A Juniper 16 in diam bears S.
33° N. 32 lbs dist. Marked
1/4 S.B. T.

A Juniper 6 in diam bears
S 50° E. 40 lbs dist. Marked.
1/4 S.B. T.

41.70 Top of spur 90 ft. high ^{and} ascend

71.60 Cross Dry wash 20 lbs wide
to E. ^{and} ascend

6th Auxiliary Meridian E. through T. 1421

ch's

80.00

Set a post 4 ft. long 4 ins. square, with marked stone, 12 ins, in the ground for Cor, to Secs, 25, 30, 31 ^{and 32} marked T. 10 N. S. 36 on N. E. R. 25° E. S. 31 on S. E. R. 24 1/2 S. 36 on S. W. and S, 26' on N. W. face with 1 notch on S, and 5' notches on ~~N~~ 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. around post. from which a Yellow pine 26 ins diam bears N. 46° W. 329 lbs dist.

Marked T. 10 N. R. 24 E. S. 30 B. F.
no other was within limits
 Land. Rolling. ^{no rocks}
 Soil: 3rd rate.

Timber Dense pine and oak.

N. 3° E. on W. Bdy see 30

to 13° 30' E

ascend

40.00

Set a Basalt Rock 16 x 10 x 4 ins
 11 ins in the ground for

6th Auxiliary Meridian Through R. 10. N.

cks

1/4 sec evr marked 1/4 on W face. And raised a mound of stone along edge. P. is impracticable

71.00

Top of Spur 80 ft high brs N. 45° E. Spur descend

80.00

Set a Sandstone 15' x 8' + 3' in 10' in in the ground for the cor to see's 19. 24. 25 - and 30. marked with 2 notches on S. and, 4 notches on N. edge.

from which

A Yellow pine 18' in diam bears N. 52° E. 64 lks dist.

Marked T. 10 N. R. 25 E. S. 19 B. T.

A Yellow pine 17' in diam bears S 31° W. 61. lks dist.

Marked T. 10 N. R. 24 E. S. 25 B. T.

A Yellow pine 19' in diam bears S 85° E. 129 lks dist.

Marked T. 10 N. R. 25 E. S. 30 B. T.

A Juniper 20' in diam bears

6th Auxiliary Meridian E. through T. 10 N.

chs

N. 28° W. 1.08 lks dist.

Marked T 10 N. R. 24 E. S. 24 B. T.

Surface. Rolling ^{and} rockySoil 3rd rateTimber Dense Pine ^{and} oak.

N. 3° E on N. Bdy see 19.

In 13° 30' E

Descend gradually

40.00

Set a post 3 ft. long 3 ins. diam 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 x 18 x 12 ins. N. and S. 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. from which

A Yellow Pine 8 ins diam bears N.

30° N. 1.08 lks dist. Marked $\frac{1}{4}$ S. B. T.1st yr other was marked light

43.10

Cross Comptack Co. E. ^{was assumed}65:00 ^{50 ft} ~~50 ft~~ fur 80 ft high bis S ^{and} N.
and descend.

6th Auxiliary Meridian through \odot 10 N.

ck's

8000 Set a Basalt Stone 17+10+5 ins
11 ins in the ground for the cor
to see's 13, 18, 19 and 24, marked
with 3 notches on N. and S.
Edges and raised a mound of
stone along side of \odot Disimpruella
Land rolling
Soil 3rd rate
Timber Dense Pine and oak,

North 3' E. on N. Bdry sec 18.

Pa 13° 12' E.

Descend.

2400 Enter valley bro \odot and N.

4000 Set a post 3 ft. long 3 ins. diam 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 x 18 x 12
ins. N and S 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. from which

A Yellow pine, 8 ins diam trans

6th Auxiliary Meridian E through T. 10 N.

chs

N. 30° W. 78 lks dist. marked

1/4 S. P. T.

44.84

No other ~~points~~ within limits.
Cross Road brs N. 85° W. and S 85° E

80.00

Set a Basalt Stone 17+10+4ms

11 ms in the ground for the

cor to sees 7, 12, 13 and 18.

marked with 4 notches on S

and 2 notches on N. edges. and

raised a mound of stone

along side. His impracticable

Land, Level

Soil; 2nd valc

Timber Scattering Pine and

Juniper

N. 3' E. on N. Body see 7,

Valc. E.

Rolling.

40.00

Set a Basalt Stone 17+10+4ms

11 ms in the ground for 1/4 see cor

6th Auxiliary Meridian through T. 10 N.

ch's

- marked 14 on N. faces and raised a mound of stone along side. ^{Pis. impracticable}
 - 62.00 A juniper 18 ins diam
 - 71.60 Cross mark. 35-lbs with 60 N. 28° W and ascend.
 - 80.00 Set a Basalt Stone 19x12 + 4 ins 12 ins in the ground for the cor to see's 1, 6, 7. ^{and} 12. marked with 5 notches on ^{and} 1 notch on 2 edges. ^{and} raised a mound of stone along side. ^{Pis. impracticable}
- Sand Level
Soil. 2nd rail.
Timber Scattering fine ^{and} Juniper

N. 8' E on N. Biry see 6.

Va 120. 45' E

- 40.00 Set a Basalt Stone 15x8x3 ins 10 ins in the ground for 14 see

6th Auxiliary Meridian through T. 10 N.

ch's

is marked 1/4 on N face. ^{and}
 raised a mound stone alongside
 63.00 ^{the impracticable}
 79.68 ^{Descent} Gradually -
 The cor to Tps 10 ^{and} 11 N. R's
 24 ^{and} 25 - E. recently described by me -
 Sand Level
 Soil, 2nd soil
 Timber, Scattering pine ^{and}
 Juniper.
 I carefully examined
 the adjustments of my
 solar compass today,
 particularly the latitude
 and reversing apparatus
 and found them correct
 October 27th 1882.

FOR FINAL OATHS
 SEE BOOK NO. 18.

U. S. Surveyor General's Office,

Tucson, Arizona,

November 10, 1883

The foregoing Field Notes of the Survey of the

6th Auxiliary Meridian
East, through
Townships 9 and 10
North,

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by

A. P. Johnson

Deputy Surveyor, under his contract of the

day of

July

17th, 1884, having been

critically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe

are hereby approved

J. M. Robertson
Surveyor General.