

~~See Index~~

No. 1350

FIELD NOTES

P. 1

OF

BOOK 1350

1350

The 5th ~~Side~~ Meridian, East,
along W. boundaries of
Townships 21, 22, 23 & 24, Range 2, E.

S. & S. R. Meridian, Arizona,

BY

A. P. Johnson, Deputy Surveyor,
under his contract of August 5th 1882.

Survey commenced January 11th 1883

Survey completed January 12th 1883

Platted by 188

Copied for Washington by 188

Copied for Register by 188

No. 1350 ✓

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BOOK 1350

No. 1350

BOOK 1350

Chains.

- For preliminary
notes and description
of instrument used
see book N^o 1 -

BOOK 1350

Chains,

~~Before proceeding further with the exteriors of this Tps., I made a change of 11 minutes in the latitude arc of my solar compass by subtracting same from the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.~~

~~I took the latitude and found it to be~~

~~Standard
From the Cor. to Tps. 21 N. Rs. 20 & 21 G,~~

Which is a sand stone 20 x 10 x 4 ins., set firmly in the ground, marked with 6 notches on N. E. & W. edges; with pits 24 x 18 x 12 ins. N. E. & W. of stone, 6 ft. dist., and a mound of earth, 2 1/2 ft. high, 3 1/2 ft. base alongside, 3 mns North on a true line between sections 31 and 36.

Va. 14° 18' East.

Over level land

40.00 Set a sand stone 18 x 10 x 6 ins., 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

80.00 Set a sand stone 17 x 14 x 4 ins., 11 ins. in the ground for Cor. to Secs. 25, 30, 31 & 36, marked 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. alongside

W. B. T. 21 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

Land level.

Soil 3rd rate

Vegetation, bunchgrass.

North on a true line between sections 25 and 30.

Va. 14° 30' East.

Over level land

40.00 Set a sand stone 19 x 14 x 4 ins., 14 ins. in the ground, for 1/2 Sec. Cor., marked 1/2 on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

60.00 Leave Valley, bears N.E. and S.W. and ascend.

80.00 Set a sand stone, 19 x 7 x 4 ins., 14 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notches on S. 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

Land level. and mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

W. B. T. 21 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 19 ^{and} 24,

Va. 14° 30' East.

Ascend.

34.00 Top of Spur, bears E. ^{and} W. and descend.40.00 Set a sand stone 18 x 12 x 6 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 12 ins., N and 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. alongside80.00 Set a lava stone 20 x 10 x 3 ins. 15 ins. in the ground for Cor. to Secs. 18, 18, 19 ^{and} 24, marked with 3 notches on S. and 3 notches on N. edges, dug pits 18 x 18 x 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 mountainous.Soil 3rd rate

Vegetation, bunch grass.

Chains.

North on a true line between sections 13rd and 18th.Va. $14^{\circ}30'$ East.

Descend.

27.50 Lean broken land and not level land.

40.00 Set a sand stone $12 \times 10 \times 7$ ins., 8
ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W.
face, dug pits, $18 \times 18 \times 12$ ins., N. and 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

80.00 Set a lava stone $16 \times 12 \times 4$ ins. 11 ins. in
the ground for Cor. to Secs. 7, 12, 13 & 18, marked
with H notch on S. and Z notch 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 mountainous. and level.

Soil 3rd rate

Vegetation, bunchgrass.

5
 5th - Auxiliary Guide Meridian, along
 W. B. T. 21 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 7 ^{and} 12.

Va. $14^{\circ} 30'$ East.

Over level land

40.00 Set a sand stone $4 \times 9 \times 6$ ins., 9
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, dug pits, $18 \times 18 \times 12$ ins., N. and 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

80.00 Set a sand stone $17 \times 14 \times 4$ ins. 11 ins. in
 the ground for Cor. to Secs. 1, 6, 7 ^{and} 12, marked
 with 5 notches on S. and 1 notch on N. 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 level.

Soil 3rd rate

Vegetation, bunch grass.

Chains.

North on a true line between sections 1 and 6,

Va. $14^{\circ}30'$ East.

Over level land

40.00 Set a Sand stone $10 \times 10 \times 6$ ins., 7 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, $18 \times 18 \times 12$ ins., M. and 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

52.15 across N. E. Fork of Cottonwood Creek, 70 lks. wide, Course S. W.

80.00 Set a Sand stone $14 \times 10 \times 6$ ins. 9 ins. in the ground, for Cor. to Tps. 21 and 22 R's 20 and 21 E., marked with 6 notches on each edge, dug pits, $24 \times 18 \times 12$ ins. lengthwise on each edge, N. S. 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 3rd rate

Vegetation, bunchgrass.

BOOK 1350

Chains.

~~Before proceeding further with the exterior of this Tp., I made a change of minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.~~

~~I took the latitude and found it to be~~

From the Cor. to Tps. 21 & 22 N. Rs. 20 & 21 E, ~~just established~~
I run,

North on a true line between sections 31 and 36.

Pa. 14° 51' East.

Over level land

40.00

Set a Sandstone 12 x 12 x 7 ins., 8 ins. in the ground, for 1/4 Sec. Cor., marked 1/2 on W. face, dug pits, 18 x 18 x 12 ins., N. and S. of stone 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base. alongside

80.00

Set a Lard stone 14 x 10 x 3 ins. 9 ins. in the ground for Cor. to Secs. 25, 30, 31 and 36, marked with 1 notch on S. and 5 notch 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. alongside Land level.

Soil 3rd rate

Vegetation, bunchgrass.

Chains.

North on a true line between sections 25^{and} 30.Va. $14^{\circ} 51'$ East.

Over level land

- 40.00 Set a *lamin* stone $10 \times 7 \times 4$ ins., 7 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on *W.* face, dug pits, $18 \times 18 \times 12$ ins., *N.* and *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
- 80.00 Set a *sand* stone $14 \times 9 \times 4$ ins. 9 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notches on *S.* and 4 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 level.
- Soil *3^{or}* rate
- Vegetation, *bunch* grass,

BOOK 1350

Chains,

North on a true line between sections 19th & 24th,
 Va. $14^{\circ} 51'$ East.

Over level land

40.00 Set a lava stone $12 \times 7 \times 2$ ins., 8
 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W.
 face, dug pits, $18 \times 18 \times 12$ ins., N and 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

80.00 Set a lava stone $24 \times 12 \times 4$ ins. 18 ins. in
 the ground for Cor. to Secs. 13, 18, 19 & 24, marked
 with 3 notches on S. and 3 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 level.

Soil 3rd rate

Vegetation, bunchgrass.

W. B. T. 22 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 13^{and} 18.Va. $14^{\circ} 01'$ East.

Over level land

- 1.00 Leave Valley, bears $E \times W$. and ascend.
- 8.20 Top of high rolling land, bears E ^{and} W .
- 40.00 Set a sand stone $14 \times 10 \times 3$ ins., 9 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W . face, dug pits, $18 \times 18 \times 12$ ins., N . and 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
- 80.00 Set a sand stone $24 \times 12 \times 3$ ins., 18 ins. in the ground for Cor. to Secs. 7, 12, 13^{and} 18, marked with 4 notch ϵ_0 on S . and 2 notch ϵ_0 on E 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 rolling.
- Soil 30% rate
- Vegetation, bunchgrass,

BOOK 1350

Chains.

North on a true line between sections 7 and 12.

Va. $14^{\circ}51'$ East.

Over rolling land.

40.00 Set a lava stone $14 \times 10 \times 8$ ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, $18 \times 18 \times 12$ ins., N. and 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

80.00 Set a sand stone $24 \times 20 \times 10$ ins. 18 ins. in the ground for Cor. to Secs. 1, 6, 7 and 12, marked with 5 notches on S. and 1 notch on N. 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 rolling.

Soil 3rd rate

Vegetation, bunchgrasses.

W. B. T. 22 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 1 and 6,

Va. $14^{\circ} 01'$ East.

Over rolling land.

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
W. 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.

70.00 Cross Gulch, 20 lks. wide, Course N.

80.00 Set a sand stone $24 \times 12 \times 8$ ins. / 8 ins. in
the ground, for Cor. to Tps. 22 and 20 N. R's 20 and
21 E., marked with 6 notches on each edge dug pits, 24
x 18 x 12 ins. lengthwise on each line, N. S. 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 rolling.

Soil 3rd rate

Vegetation, bunchgrass.

A. D. Johnson.

G. M. Carson, Composeman.

January 11th 1883.

W. B. T. 23 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

Before proceeding further with the exterior of this T.P., I made a change of minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.

~~I took the latitude and found it to be~~

From the Cor. to Tps. 22 & 23 N. Rs. 20 & 21 E, ~~just established~~
I run,

North on a true line between sections 31 ^{and} 36,

Va. 14° 58' East.

Over broken land.

40.00 Set a lava stone 18 x 12 x 4 ins., 12 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 12 ins., N. and 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, corner set on Top of Spur, bears E. ^{and} W. and descend.

80.00 Set a lava stone 24 x 10 x 4 ins., 18 ins. in the ground for Cor. to Secs. 25, 30, 01 & 36, marked with notch on S. and 5 notches on W. edges, dug pits 18 x 18 x 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

W.B. T. 23 N. R. 21 E. G. & S. R. M.

No. 1350 BOOK 1350

Land mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

North on a true line between sections 25 and 30.

Va. $14^{\circ}55'$ East.

Over rolling land.

0.00 Set a lava stone $14 \times 10 \times 3$ ins., 9 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on N. face, dug pits, $18 \times 18 \times 12$ ins., N. and 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

0.00 Set a lava stone $24 \times 12 \times 7$ ins. 18 ins. in the ground for Cor. to Secs. 19, 24, 25 & 30, marked with 2 notches on S. and 4 notches on N. 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 rolling.

Soil 3rd rate

Vegetation, bunchgrass.

10
5th Auxiliary Guide Meridian, along

H. B. T. 23 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 19th & 24th.

Va. 14° 55' East.

Over rolling land.

40.00 Set a sand stone 12 x 7 x 4 ins., 8 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, 18 x 18 x 12 ins., N. and 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

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 13, 18, 19 & 24 marked T, 23 N S, 18, on N, E, R, 21 E, S, 19 on S, E, S, 24 on S, W, and S, 13 on N, W, face with 3 notch 20 on S, and 3 notch 20 on W edges, dug pits 18 x 18 x 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.

Land rolling.

Soil 3rd rate

Vegetation, bunchgrass.

N. B. T. 23 N R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 13rd & 18.Va. $14^{\circ} 55'$ East.

Ascend.

40.00 Set a lava stone $20 \times 12 \times 4$ 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., N. and 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

67.00 Top of Hill bears E. 22° N and descend.

80.00 Set a lava stone $20 \times 10 \times 7$ ins. 15 ins. in the ground for Cor. to Secs. 7, 12, 13 & 18, marked with 4 notches on S. and 2 notches on E. 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 hilly

Soil 3rd rate

Vegetation, bunchgrass.

17
5th - Auxiliary Guide Meridian, along
W. B. T. 23 N. R. 21 E. G. & S. R. M.

BOOK 1350

chains,

North on a true line between sections 7th and 12:

Va. $14^{\circ} 55'$ East.

Over rolling land.

40.00

Set a lava stone $24 \times 10 \times 4$ ins., 18 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ on W. face, dug pits, $18 \times 18 \times 12$ ins., W. and 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

80.00

Set a lava stone $14 \times 10 \times 4$ ins. 9 ins. in the ground for Cor. to Secs. 1, 6, 7th and 12, marked with 5 notch ∞ on S. and 1 notch 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 from which a Juniper 12 ins. diam. bears $N. 45^{\circ} E.$, 75 lks. dist. marked T. 23 N. R. 21 E. S. 6 B. T.

No other trees within limits.

Land rolling.

Soil 3rd rate.

Timber of Juniper.

Vegetation, bunchgrass.

5th - Auxiliary Guide Meridian, *along*
 W. B. T. 23 N. R. 21 E. G. & S. R. M.

BOOK 1350

chains.

North on a true line between sections 1 and 6.

Var. $14^{\circ} 55'$ East.

Over rolling land.

- 40.00 Set a *lava* stone $14 \times 12 \times 4$ ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, dug pits, $18 \times 18 \times 12$ ins., \mathcal{M} . and \mathcal{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 from which
- 80.00 Set a *marked lava* stone $14 \times 10 \times 4$ ins., 9 ins. in the ground, for Cor. to Tps. 23 and 24 N. R's 20 and 21 E., marked with 6 notches on each edge, dug pits. $24 \times 18 \times 12$ ins. lengthwise on each line, N. S. E. and W. of stone, 6 ft. dist., and raised a mound of earth $2\frac{1}{2}$ ft. high, 5 ft. base. alongside from which
- A Juniper 20 ins. diam. bears $N. 7^{\circ} E$, 38 lbs. dist. marked T. 24 N. R. 21 E, S., 31 B. T.
- A Juniper 14 ins. diam. bears $S. 60^{\circ} E$, 40 lbs. dist. marked T. 23 N. R. 21 E, S., 6 B. T.
- A Juniper 16 ins. diam. bears $N. 55^{\circ} W$, 18 lbs. dist. marked T. 24 N. R. 20 E, S., 36 B. T.
- No other trees within limits.
 Land rolling. Timber of Juniper.
 Soil 3rd rate
 Vegetation, bunchgrass.

BOOK 1350

Chains.

~~Before proceeding further with the exteriors of this Tp., I made a change of minutes in the latitude arc of my solar compass by adding same to the reading previously given, and at noon verified and corrected same by observation on the sun. I also further tested instrument by reversing.~~

~~I took the latitude and found it to be~~

From the Cor. to Tps. 23 & 24 N. Rs. 20 & 21 E,
~~just established -~~
 Iron,

North on a true line between sections 31 and 36.

Va. $140^{\circ} 0' 0''$ East.

Ascend.

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 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.

80.00 Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 25, 30, 31 & 36, dug pits 18x18x12 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 over it. In S. E. pit drove a stake 2 ins. square, 2 ft. long, 12 ins; in the ground, marked T. 24 N. S. 30 on N. E. R. 21 E. S. 31 on S. E. S. 36 on S. W and S. 25 on N. W faces, with / notch on S. and \ notch on N. edges.

W. B. T. 24 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

Land level.

Soil 3rd rate

Vegetation, bunch grass.

 North on a true line between sections 25 and 30.

Va. 14° 30' E. 1st.

Over level land:

14.00 Lean level land and descend.

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
 W. 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.

47.50 Cross Gulch, 25 lks. wide, Course E. and ascend.

56.20 Top of Spur, bears E. and W. and descend.

80.00 Set a basalt stone 16 x 10 x 6 ins. 11 ins. in
 the ground for Cor. to Secs. 19, 24, 25 & 30, marked
 with 2 notches on S. and 4 notches on N. edges and
 raised a mound of stone. alongside Pits impracticable.
 Land mountainous.

Soil 3rd rate

Vegetation, bunch grass.

BOOK 1350

Chains.

North on a true line between sections 17 ^{and} 24,
Va. 14°30' East.

Descend.

20.00 Cross Wash, 25 lks. wide, Course E. and ascend.

35.00 Enter level land.

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
W. 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.

70.00 Descend.

80.00 Set a basalt stone 17 x 10 x 8 ins. 11 ins. in
the ground for Cor. to Secs. 13, 18, 19 & 24, marked
with 3 notches on S. and 3 notches on W. edges and
raised a mound of stone. alongside Pits impracticable.
from which
2 Juniper 10 ins. diam. bears N. 15° W., 37 lks. dist.
marked T, 24 N. R. 20 E, S., 13 B. T.

No other trees within limits.

Land mountainous and level.

Soil 3rd rate

Timber of Juniper.

Vegetation, bunchgrass.

N. B. T. 24 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 13 and 18,
Va. $14^{\circ}30'$ East.

Descend.

- 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
W. 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.
- 44.00 Cross Wash, 18 lks. wide, Course N.E.
- 51.00 Cross Wash, 20 lks. wide, Course E. and ascend.
- 63.00 Top of Spur, bears E. 24° W. and descend.
- 80.00 Set a Sandstone $26 \times 12 \times 6$ ins. 27 ins. in
the ground for Cor. to Secs. 7, 12, 13 & 18 marked
with 4 notches on S. and 2 notches on W. edges and
raised a mound of stone. alongside Pits impracticable.

Cor. set in Head of Ravine, Course E.

Land mountainous

Soil *gr* rate

Timber of Juniper,

Vegetation, bunchgrass.

N.B. T. 24 N. R. 21 E. G. & S. R. M.

BOOK 1350

Chains.

North on a true line between sections 7 and 12,
 Va. 14° 25' East.

Ascend.

- 5.00 Top of Spur, bears E. and W. and descend.
- 12.00 Cross Wash, 25 lks. wide, Course E. and ascend.
- 40.00 Set a basalt stone 14 x 10 x 6 ins., 9 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on W. face, and raised a mound of stone. alongside Pits impracticable.
- 75.30 Top of Ridge, bears E. and W. and descend.
- 80.00 A sandstone in place, 26 x 24 x 18 in. above ground the ground for Cor. to Secs. 1, 6, 7 & 12 marked X at exact cor. point and with 5 notches on S. and 1 notch on W. edges and raised a mound of stone. alongside Pits impracticable.

Land mountainous

Soil 3rd rate

Timber of Juniper.

Vegetation, bunchgrasses.

N. B. T. 24 N. R. 21 E. G. & S. R. M.

FCOK 1350

Chains.

North on a true line between sections 1 and 6.

Va. $14^{\circ}30'$ East.

Descend.

- 3.10 Cross Wash, 12 lks. wide, Course N.E. and ascend.
- 20.00 Top of Ridge, bears E. and W. and descend.
- 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 $\frac{1}{2}$ S. on W. face, and raised a mound of stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base around post. Pits impracticable.
- 61.12 Cross Wash, 20 lks. wide, Course 21.60° and ascend.
- 71.00 Top of Spur, bears E. and W. and descend.
- 76.10 Cross Wash, 18 lks. wide, Course E. and ascend.
- 81.30. Intersect the 6th Standard Parallel North at a point 10.00 chs. West of the Standard Cor. to ^{face} S. B. sec. 36, T. 25N, R. 21E, previously set by me.
- and
- Set a post $4\frac{1}{2}$ ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Closing Cor. to Tps. 24 N., R's 20 and 21 E. marked C. C. T: 24 N. on S. R. 21 E. S. 6, on E. and R. 20 E. S. 1 on W. faces with 6 notches on S., E. & W. faces, dug pits, 24 x 18 x

W.B. T. 24 N. R. 21 E. G. & S. R. M.

Chains.

BOOK 1350

12 ins, crosswise on each line, S, E, & W of post, 6
ft, dist, and raised a mound of earth $2\frac{1}{2}$ ft, high, 5
ft, base, around post, from which

A Juniper 12 ins. diam. bears S. 35° W, 29 lks. dist.
marked T. 24 N R. 20 E, S., / B. T.

No other trees within limits.

Land mountainous

Soil 30th rate

Timber of Juniper.

Vegetation, bunchgrass.

A. P. Johnson.

G. W. Cannon, Compassman.

January 12th 1883.

For Trial Notes
see Book 19 -

U. S. Surveyor General's Office,
Tucson, Arizona, July 26, 1883.

The foregoing Field Notes of the survey of the
5th Guide Meridian, East along
West boundaries of Tps. 21, 22, 23 & 24
North, Range 2, East

of the Gila and Salt River Base and Meridian, Arizona,
executed by A. P. Johnson,
D. S., under his contract of the 5th day of
August, 1882, having been critically ex-
amined and the necessary corrections and explanations
made, the said Field Notes and the surveys they de-
scribe, are hereby approved.

J. M. Robinson

Surveyor General.