

Book No. 17 1/2

No. 474

FIELD NOTES

OF

The *Sub-division* Lines of
the fractional
Township *33 North*, Range *31 East*
Gila and Salt River Meridian, Arizona.

BY

BOOK 474

W. R. Fitzgerald Deputy Surveyor,

under his contract of *July 17th* 1882,

Survey commenced *December 20th* 1882,

Survey completed *December 23rd* 1882.

Platted by 188

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Township 23 North, Range 31 East,

G. M. S. R. Meridian.

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For Preliminary Oaths
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T. 23 N. R. 31 E. G. & S. R. M.

No. 474

1
10

Chains.

From the cor. to Secs 31-33 & 34 on E. By of Sp-
recently established by me
North between sections 33 and 34.

Variation $14^{\circ} 25'$ East.

Over Rio Puerca Valley.

- 5.75 Cross Road, bears, N.E. and S.W.
- 20.00 A House bears East 1700 lbs. dist.
- 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 $5\frac{1}{2}$ ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft. base around post.
- 68.57 Cross westerly to Pacific R. R., bear N. 32° E.
- 70.63 W. Union Telegraph Line, bear N. 32° E.
- 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone
12 ins. in the ground, for Cor. to Secs, 27, 28, 33 & 34,
marked T, 28 N. S, 27, on N, E, R, 31 E, S. 34
on S, E, S, 33 on S, W, and S, 28 on N, W, faces
with 1 notch on S, and 3 notches on E, 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 good rate

Vegetation, bunch grass.

T. 28 N. R. 31 E. G. & S. R. M.

Chains.

East, on a true line between sections 27 and 34.

Va. $14^{\circ} 22'$ East.

Over level land

- 5.80 W. Union Telegraph Line, bears $N. 83^{\circ} E.$
- 7.20 Cross Atlantic & Pacific R. R., bears $N. 82^{\circ} E.$
- 12.08 Intersect Boundary line between Arizona. and
New Mexico, at a point which bears 28.10 chs. North
from the ^{Witness Cor. to} 114th Mile post, which is a
sandstone 14×8 ins. in a
mound of stone. The true point
for the 114th Mile Post, falls in
the river, 8.30 chs. North of
Witness Cor. The stone is marked
No. 114 on N., $32^{\circ} W.$ S. and S.,
Ariz. on W. and N. M. on E. face, and
set a sand stone $18 \times 10 \times 10$ ins. 12 ins. in
the ground for Closing Cor. to Secs. 27 and 34
marked C. C. with 1 notch on S. and 5 notches on
N. edges, dug pits $18 \times 18 \times 12$ ins. S. N., and 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.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

Land level.

Soil 3rd rate

Vegetation, bunchgrass.

North between sections 27 and 28.

Variation $14^{\circ} 22'$ East.

Rio Puerca
14.00 Leave Valley, bears E. 40° W. and ascend.

27.00 Top of bluff, bears E. 90° W.40.00 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which

A Pine 6 ins. diam. bears 24.22° E, 31 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Pine 6 ins. diam. bears 0.8° W, 19 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

61.00 Leave ~~bluff~~ and descend

72.00 Cross Canon, 200 yds. wide. Course W.

80.00 Set a sand stone $20 \times 10 \times 10$ ins. 15 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28, marked with 2 notches on S. and 3 notches on E. edges and raised a mound of stone alongside. Pits impracticable.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

from which

A Pine 6 ins, diam. bears $\text{S. } 42^{\circ} \text{E.}$, 13 lks. dist.
marked T. 23 N., R. 31 E S., 27 B. T.

A Pine 4 ins, diam. bears $\text{N. } 73^{\circ} \text{W.}$, 9 lks. dist.
marked T. 23 N., R. 31 E S., 21 B. T.

No other trees within limits.

Land mountainous.

Soil ^{3rd} rate

Timber of Pine.

Vegetation., bunch grass.

East. on a true line between sections 22 and 27.

Va. $14^{\circ} 22'$ East.

Descend.

7.21 Cross Canon, 25 lks. wide, Course S. W. and ascend

12.50 Intersect Boundary line between Arizona. and
New Mexico, at a point which bears 24.73 dis. North
from the 113^{th} Mile post, which is a
sandstone, 10 + 8 ins. in
a "mound of stone" marked
No. 113 on N. face;

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

32° W. L. on S. face;
 Ariz on W. and
 U. M. on E. faces,
 and

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ~~blain~~ Cor. to Secs. 22 and 27 marked C. C.
 R 31 E. T 23 N., on W. S. 22 on N. and S. 27 on S. faces, with 2 notches on S. and 4 notches on N. faces, dug pits 18 x 18 x 12 ins. N. or N.W. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling.

Soil 3rd rate

Vegetation, bunchgrass.

North between sections 21 and 22.

Variation 14° 22' East.

Ascend.

2.00 Top of bluff, bears E. on W. and descend

32.00 Lean Mesa and descend

40.00 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

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.

from which

A Pine 7 ins, diam. bears $S 85\frac{1}{2}^{\circ} W$, 19 lks. dist. marked $\frac{1}{2}$ S. B. T.

No other trees within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 15, 16, 21 and 22, marked T, 23 N. S, 15, on N, E, R, 31 E, S. 22 on S, E, S, 21 on S, W, and S, 16 on N, W, face 5 with 3 notches on S, and 3 notches on E, 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.

from which

A Pine 8 ins, diam. bears $S 42^{\circ} E$, 4 lks. dist. marked T. 23 N, R. 31 E S., 22 B. T.

A Juniper 8 ins. diam. bears $N 20^{\circ} W$, 19 lks. dist. marked T. 23 N, R. 31 E S., 16 B. T.

Land mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

Timber of Pine and Juniper.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

East, on a true line between sections 15th & 22,
 Va. 140 22' East.

Ascend.

12.41 Intersect Boundary line between Arizona and
 New Mexico, at a point which bears 24.90 chs. North
 from the 112th Mile post, which is a

sandstone, 16 x 6 ins., in a
 mound of stone, marked

No. 112 on N. face;

32° W. d. on S. face;

Ariz. on W. and

U. M. on E. faces,

and

Set a sandstone 16 x 12 x 10 ins. 11 ins. in

the ground for Closing Cor. to Secs. 10 and 22

marked C. C. with 3 notches on S. and 3 notches on

N. edges, dug pits 18 x 18 x 12 ins. S. N., and W. of

stone, 5½ ft. dist., and raised a mound of earth 2 ft.

high, 4½ ft. base, alongside.

Land mountainous

Soil 3rd rate

Timber of Pine and Juniper.

Vegetation, bunchgrass.

Chains.

North between sections 15 and 16.

Variation $14^{\circ} 22'$ East.

Descend.

40.00 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which

a Pine 8 ins. diam. bears $N. 53\frac{1}{2}^{\circ} W.$, 83 lks. dist. marked $\frac{1}{4}$ S. B. T.

a Pine 7 ins. diam. bears $S. 5^{\circ} E.$, 79 lks. dist. marked $\frac{1}{4}$ S. B. T.

49.00 Cross low Sag 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, 9, 10, 15 & 16, marked T, 23 N. S, 10, on N, E, R, 31 E, S. 15 on S, E, S, 16 on S, W, and S, 9 on N, W, faces, with 4 notches on S, and 3 notches on E, 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 mountainous

Soil 3rd rate

Timber of Pine and Juniper.

Vegetation, bunchgrass.

T. 23 N. R. 31 E. G. & S. R. M.

chains.

East, on a true line between sections 10 and 15.

Va. $14^{\circ} 22'$ East.

Descend.

12.61 Intersect Boundary line between Arizona and New Mexico, at a point which bears 24.62 chs. North from the 111th Mile post, which is a

sandstone, 18 x 8 in. in a mound of stone, marked

No. 111 on N. face;

32° W. L. on S. face;

Ariz. on W. and

U. M. on E. faces,

and

Set a sand stone 18 x 12 x 10 ins. 12 ins. in the ground for Closing Cor. to Secs. 10 and 15

marked C. C. with 4 notches on S. and 2 notches on

W. edges, dug pits 18 x 18 x 12 ins. S. N., and 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 mountainous

Soil 3rd rate

Timber of Pine and Juniper.

Vegetation, bunch grass.

T. 23 N. R. 31 E. G. & S. R. M.

Chains,

North between sections 9^{and} 10.Variation $14^{\circ} 22'$ East.

Ascend.

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.

from which

A Pine 8 ins, diam. bears $N. 32^{\circ} W.$, 18 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 3, 4, 9^{and} 10, marked T. 23 N. S. 3 on N. E., R. 31 E. S. 10 on S. E., S. 9 on S. W, and S. 4 on N. W. faces, with 5 notches on S. and 3 notches on E. edges, from which

A Pine 5 ins, diam. bears $N 50^{\circ} E$, 20 lks. dist. marked T. 23 N., R. 31 E S., 3 B. T.

A Pine 6 ins, diam. bears $S. 63\frac{1}{2}^{\circ} E$, 28 lks. dist. marked T. 23 N., R. 31 E S., 10 B. T.

A Pine 5 ins, diam. bears $S. 70^{\circ} W.$, 27 lks. dist. marked T. 23 N., R. 31 E S., 9 B. T.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

A Pine 7 ins, diam. bears $N. 43^{\circ} W.$, 19 lks. dist.
marked T. 23 N., R. 31 E. S., 4th B. T.

Land mountainous.

Soil 3rd rots

Vegetation, bunch grass.

Timber of Pine.

East. on a true line between sections 3rd and 10.

Va. $14^{\circ} 22'$ East.

Over broken land.

12.24

Intersect Boundary line between Arizona, and
New Mexico, at a point which bears 24.40 dis. North
from the 110th Mile post, which is a

sandstone, 30 x 8 ins. in a mound
of stone, marked

No. 110, on N. face;

$32^{\circ} W. S.$ on S. face;

Ariz. on N. and

N. M. on E. faces,

and

T. 23 N. R. 3 / E. G. & S. R. M.

chains.

Set a sand stone 18 x 12 x 10 ins. 12 ins. in the ground for Closing Cor. to Secs. 8 and 10 marked C. C. with 5 notches on S. and 1 notch on W. edges, dug pits 18 x 18 x 12 ins. S. N., and W. of stone, 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base. *alongside.*

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

North on a random line between sections 3 & 4

Variation 14° 22' East.

Ascend.

40.00 Set temporary ¼ Sec. Cor.

48.00 Top of bluff bears E. 2nd N.

79.83 Intersect N. B. of Tp. 14 Nks. West of cor. to secs. 3, 4, 33 & 34 from which corner, I run

C. 6' N. on a true line, between sections 3rd & 4.

Variation 14° 22' East.

39.83 Set a post 3 ft. long. 3 ins. diam. with marked stone

T. 23 N. R. 31 E. G. & S. R. M.

No. 474

Chains.

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.

from which

A Pine 7 ins, diam. bears $N. 39^{\circ} W.$, 83 lks. dist.
 marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.53 The corner to sections 3, 4, 9 and 10.

Land mountainous

Soil good rate

Timber of Pine.

Vegetation, bunchgrasses and sagebrush.

December 20th 1882.

From the cor. to Secs 4-5 - 32733 on S. By of Sp
 recently established by me

North between sections 3 2nd and 33.

Variation $14^{\circ} 25'$ East.

Descend.

23.00 Cross Gulch, 20 lks. wide, Course of 10° East and ascend.

40.00 A Pine tree, 6 ins. dia., which I marked $\frac{1}{4}$ S.
 on W. face, for $\frac{1}{4}$ sec. cor., dug pits, 18 x 18 x 12 ins.
 N. and S. of tree, $5\frac{1}{2}$ ft. dist. and raised a mound
 of earth around tree.

Chains.

67.00 Top of Spur, bears $N. 10^{\circ} W.$ $\frac{1}{4}$ mi $S. 10^{\circ} E.$ and descend.

80.00 Set a sand stone $14 \times 11 \times 11$ ins. 10 ins. in the ground for Cor. to Secs. 28, 29, 32 & 33 marked with 1 notch on S. and 4 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 mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass ^{and} sagebrush.

East. on a random line between sections 28 & 33.

Variation $14^{\circ} 22'$ East.

Descend.

16.00 Rio Puerca
Enter Valley, bears $N.$ and $S.$

40.00 Set temporary $\frac{1}{2}$ Sec. Cor.

57.90 Cross R. R. ditch, course S.

62.00 Foot of perpendicular bluff, bears $N.$ and $S.$, to avoid which, I offset South, 2.00 chs, thence E. 3.00 chs, thence North, 2.00 chs. to line.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

79.92 Intersect N. & S. line, 19 lks. North of cor. to secs.
27, 28, 32 & 34 from which corner, I run
N. $89^{\circ} 52'$ W. on a true line between sections 28^Q & 33.
Variation $14^{\circ} 22'$ East

89.96 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., E. and 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.

79.92 The corner to sections 28, 29, 32^Q & 33.

Land rolling. ^Q level.

Soil 3rd rate

Vegetation, bunchgrass.

Timber of Pine.

North between sections 28^Q & 29.

Variation $14^{\circ} 22'$ East.

Descend.

9.00 Enter Valley, bears N. W. ^Q and S. E.

40.00 Set a sand stone $16 \times 12 \times 7$ ins., 11 ins.
in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ on N. face.

Chains.

dug pits 18 x 18 x 12 ins., *N.* and *S.* of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base alongside.

73.00 Leave Valley, bears *N. 10° W.* 100° *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, 20, 21, 28 & 29, marked T, 23 *N.*, S, 21, on *N.*, *E.*, *R.*, 31 *E.*, S, 28 on *S.*, *E.*, S, 29 on *S.*, *W.*, and *S.*, 20 on *N.*, *W.*, faces with 2 notches on *S.*, and 4 notches on *E.*, edges, dug pits 18 x 18 x 12 ins, in each Sec., 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

East, on a random line between sections 21 & 28

Variation 14° 22' East.

Ascend.

20.00 Top of Bluff bears *N.* and *S.* and descend

40.00 Set temporary ½ Sec. Cor.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

- 62.00 Cross Wash, 300 lks. wide, Course *S.* and ascend.
- 78.00 Top of Bluff bears *N. and S.* and descend.
- 80.19 Intersect *N. & S.* line, 13 lks. North of cor. to secs.
21, 22, 27 & 28, from which corner, I run
N. 89° 54' W. on a true line between sections 21 and 28.
Variation *14° 22' East*
- 140.09 Set a post 3 ft. long, 3 ins. diam. with marked stone
42 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., *E.* and *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.
from which
- A Cedar 12 ins. diam, bears *S. 45° E.*, 5 lks, dist,
marked $\frac{1}{4}$ S. B. T.
- No other trees within limits.
- 80.19 The corner to sections 20, 21, 28 & 29,
Land mountainous
Soil *3rd* rate
Timber of *Pino.*
Vegetation, *sungrass,*

Chains.

North between sections 20 and 21.

Variation $14^{\circ}22'$ East.

Ascend.

23.00 Top of Bluff bears $N. 10^{\circ} W.$ and $S. 10^{\circ} E$ 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.

from which

A Pine 8 ins. diam. bears $N. 29\frac{1}{2}^{\circ} E$, 32 lks. dist.
marked $\frac{1}{4}$ S. B. T. No other trees within limits.

67.00 Top of Hill bears $N. W.$ and $S. E.$ and descend.

80.00 A Pine tree, 10 ins. dia., which I marked
T. 23 N. S. 16, on N. E. R. 31 S. 21 on
S. E. S. 20, on S. W. and S. 17 on N. W. faces,
with 3 notch 20 on S. and 4 notches on E. edges,
dug pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist. and
raised a mound of earth around tree, for cor. to secs.

16, 17, 20 and 21.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass and sedgebrush.

T. 23 N. R. 31 E. G. & S. R. M.

chains.

East. on a random line between sections 16 & 21

Variation $14^{\circ} 22'$ East.

Descend.

30.00 Cross Wash, 500 lks. wide, Course of E. and ascend.

37.00 Top of Ridge, bears N. W. $\frac{1}{2}$ of E. and descend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

50.00 Cross low Sag and ascend.

67.00 Top of bluff bears N. and S.

80.32 Intersect N. & S. line, 22 lks. South of cor. to secs.

16, 17, 20 & 21 from which corner, I run

S. $89^{\circ} 57'$ W. on a true line between sections 16 and 21,Variation $14^{\circ} 22'$ East

40.16 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. c.

N. face, dug pits; 18 x 18 x 12 ins., E. and W.

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.

80.32 The corner to sections 16, 17, 20 and 21.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

Chains.

North between sections 16^{and} 17.

Variation 14° 22' East.

Descend.

27.00 Cross Wash, 300 lks. wide, Course S. E. and ascend.

40.00 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for $\frac{1}{2}$ Sec. Cor., marked $\frac{1}{2}$ S. on W. face; from which

A Pine 7 ins, diam. bears S. 80° E, 72 lks. dist. marked $\frac{1}{2}$ S. B. T.

A Pine 8 ins, diam. bears N. 40° W, 80 lks. dist. marked $\frac{1}{2}$ S. B. T.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 8, 9, 16 & 17, marked T, 23 N, S. 7, on N, E, R, 31 E, S. 16 on S, E, S, 17 on S, W, and S, 8 on N, W, faces, with 4 notch 20 on S, and 4 notches on E, 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.

from which

A Pine 7 ins, diam. bears N. 42° W, 70 lks. dist. marked T. 23 N, R. 31 E S., 8 B. T.

No other trees within limits.

T. 28 N. R. 51 E. G. & S. R. M.

Chains.

Land mountainous

Soil *Bm* rate

Timber of *Pine*.

Vegetation, *viney mes.*



East. on a random line between sections 9 & 16.

Variation $14^{\circ} 22'$ East.

Over broken land.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.89 Intersect N. & S. line, 17 lks. South of cor. to secs.

9, 10, 15 & 16 from which corner, I run

$58^{\circ} 53'$ W. on a true line between sections 9 and 16.

Variation $14^{\circ} 22'$ East

39.94 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from which

A Pine 5 ins, diam. bears $N. 83^{\circ} E$, 70 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Pine 13 ins, diam. bears $S. 14^{\circ} 44' W$, 16 lks. dist. marked $\frac{1}{4}$ S. B. T.

79.89 The corner to sections 8, 9, 16 and 17.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

*Land mountainous**Soil 3rd rate**Timber of Pine.**Vegetation, bunchgrass.**North between sections 8 and 9.**Variation 14° 22' East.**Ascend.*

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.

from which

A Pine 8 ins. diam. bears $N. 43^{\circ} E$, 72 lks. dist. marked $\frac{1}{4}$ S. B. T. No other trees within limits.

80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 4, 5, 8 & 9, marked T, 23 N. S. 4, on N, E, R, 31 E, S. 9 on S, E, S, 8 on S, W, and S, 5 on N, W, face, with 5 notches on S, and 4 notches on E, 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.

T. 23 N. R. 31 E. G. & S. R. M.

ains.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

East. on a random line between sections 4 & 9.

Variation $14^{\circ} 22'$ East.

Along S. slopes, through timber.

21.00 Cross Canon, 50 lks wide, Course S. and ascend

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

B. 13 Intersect N. & S. line, 9 lks North of cor. to sec.

3, 4, 9 & 10, from which corner, I run

 $N. 89^{\circ} 56' W.$ on a true line between sections 4 and 9.Variation $14^{\circ} 22'$ East.0. 56 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from whichA Pine 8 ins, diam. bears $N. 43^{\circ} W.$, 50 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Pine 7 ins, diam. bears $N. 50^{\circ} E.$, 72 lks. dist.
marked $\frac{1}{4}$ S. B. T.

B. 13 The cor. to sec. 4, 5, 8 and 9.

Chains.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunch grass.

North. on a random line between sections 4 & 5.

Variation 14° 22' East.

Ascend.

40.00 Set temporary 1/4 Sec. Cor.

51.00 Top of Hill bears E and W. and descend.

79.69 Intersect N. B. of Tp. 37 Wks. West of cor. to secs.

4, 5, 32 & 33 from which corner, I run

S. 16' W. on a true line, between sections 4 & 5.

Variation 14° 22' East.

39.69 Set a post 3 ft. long, 3 ins. diam. with marked stone 12 ins. in the ground, for 1/4 Sec. Cor., marked 1/4 S. on

W face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5 1/2 ft. dist., and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. base around post.

79.69 The corner to sections 4, 5, 8 and 9.

T. 23 N. R. 31 E. G. & S. R. M.

Chains:

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

I carefully examined my solar compass today and found it correct. December 21st 1882.From the Lookout Secs 5-6-31 & 32 on S. Ry of Sp. recently established by me - I run North between sections 31st & 32.Variation $14^{\circ} 25'$ East.

Descend.

- 40.00 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on W. face; from which
- A Pine 8 ins, diam. bears N. 45° N., 79 lks. dist. marked $\frac{1}{4}$ S. B. T.
- A Pine 5 ins, diam. bears S. 35° E., 80 lks. dist. marked $\frac{1}{4}$ S. B. T.

51.00 Cross Gulch, 20 lks. wide, Course 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, 29, 30, 31 & 32, marked T, 20 N. S. 29, on N, E, R, 31 E, S. 32 on S, E, S, 31 on S, W, and S, 30 on N, W, faces, with / notch on S, and \ notch on E, 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.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

from which

A Pine 8 ins, diam. bears $N. 43^{\circ} E$, 72 lks. dist.
marked T. 23N, R. 31 E S., 29 B. T.

A Pine 4 ins, diam. bears $S. 43^{\circ} E$, 80 lks. dist.
marked T. 23N, R. 31 E S., 32 B. T.

A Pine 5 ins, diam. bears $N. 52^{\circ} W$, 80 lks. dist.
marked T. 23N, R. 31 E S., 30 B. T.

No other trees within limits.

Land mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

Heavy timber of Pine.

East on a random line between sections 29 & 32.

Variation $14^{\circ} 22'$ East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

47.00 Cross Gulch, 22 lks. wide, Course $S. 10^{\circ} E$ and ascend.

75.00 Top of Hill bears $N. \frac{1}{2} S.$ and descend.

80.11 Intersect N. & S. line, 12 lks. South of cor. to secs.
28, 29, 32 from which corner, I run

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

S. $87^{\circ} 55'$ W. on a true line between sections 29 & 32.Variation $14^{\circ} 22'$ East40.05 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on N. face; from whichA Pine 8 ins, diam. bears S. $37^{\circ} E$, 70 lks. dist.
marked $\frac{1}{4}$ S. B. T.A Pine 8 ins, diam. bears N. $43^{\circ} W$, 82 lks. dist.
marked $\frac{1}{4}$ S. B. T.

SD. 11 The corner to sections 29, 30, 31 & 32.

Land mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

Heavy Timber of Pine.

West. on a random line between sections 30 & 31,

Variation $14^{\circ} 22'$ East.

Ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.85 Intersect N. B. of Tp. 33 lks. South of cor. to secs.
29, 30, 31 & 32, from which corner, I runS. $89^{\circ} 46'$ E. on a true line, between sections 30 & 31,Variation $14^{\circ} 25'$ East.

T. 23 N. R. 31 E. G. & S. R. M.

Chains,

39.85 Set a sand stone $18 \times 17 \times 7$ ins., 12 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 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. from which

A Pine 25 ins, diam. bears $N. 20^\circ E.$, 46 lks. dist. marked $\frac{1}{4}$ S. B. T.

A Pine 16 ins, diam. bears $S 45^\circ W.$, 38 lks. dist. marked $\frac{1}{4}$ S. B. T.

79.85 The corner to sections 29, 30, 31 & 32.

Land mountainous

Soil 3rd rate

Timber of Pine

Vegetation, bunchgrass.

North between sections 29 and 30.

Variation $14^\circ 22'$ East.

Ascend.

11.00 Top of Hill bears E. and W. and descend.

40.00 Set a sand stone $20 \times 20 \times 4$ 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.

T. 23 N. R. 31 E. G. & S. R. M.

Chains,

63.00 Cross Gulch, 19 lks. wide, Course E. and ascend.

80.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground,
for Cor. to Secs. 19, 20, 29 ⁴⁰30 marked T. 23 N.
S. 20 on N. E., R. 31 E., S. 29 on S. E., S. 30 on
S. W., and S. 19 on N. W. faces, with 2 notches on
S. and 5 notches on E. edges, from which
A Pine 7 ins, diam. bears $N. 63\frac{1}{2}^{\circ} E.$, 72 lks. dist.
marked T. 23 N., R. 31 E. S., 20 B. T.

A Pine 8 ins, diam. bears $S. 54^{\circ} E.$, 83 lks. dist.
marked T. 23 N., R. 31 E. S., 29 B. T.

A Pine 4 ins, diam. bears $S. 37^{\circ} W.$, 48 lks. dist.
marked T. 23 N., R. 31 E. S., 30 B. T.

A Pine 7 ins, diam. bears $N. 70^{\circ} W.$, 19 lks. dist.
marked T. 23 N., R. 31 E. S., 19 B. T.

Land mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

Heavy Timber of Pine.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

East. on a random line between sections 20 & 29.

Variation $14^{\circ}22'$ East.

Descend.

20.00 Enter Valley, bears *N. ^{and} W.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.69.00 Leave Valley, bears *N. 10° W. rd. 10° E* and ascend.

79.88 Intersect N. & S. line, 43 lks. South of cor. to secs.

20, 21, 28 & 29 from which corner, I run

S. 59° 42' W. on a true line between sections 20 ^{and} 29.Variation $14^{\circ}22'$ East

89.94 Set a sand stone $14 \times 11 \times 3$ ins., 9 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 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.

79.88 The corner to sections 19, 20, 29 & 30.

Land mountainous and level. in valley,

Soil *3rd* rateTimber of *Pine*,

Vegetation, bunchgrass.

T. 23 N. R. 31 E. G. & S. R. M.

Chains,

West. on a random line between sections 19 & 30.Variation $140^{\circ} 22'$ East.*Ascend.*40.00 Set temporary $\frac{1}{4}$ Sec. Cor.79.73 Intersect *W. B.* of Tp. 14 lks. *South* of cor. to secs.
19, 24, 25 and 30 from which corner, I runS. $89^{\circ} 54'$ E. on a true line, between sections 19 and 30.Variation $140^{\circ} 25'$ East.39.73 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., *E.* and *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.

from which

A Pine 8 ins. diam. bears $N. 43^{\circ} W.$, 9 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.73 The corner to sections 19, 20, 29 and 30.

Land mountainous

Soil 3rd rateTimber of *Pine*.

Vegetation, bunchgrass.

T. 23 N. R. 31 E. G. & S. R. M.

Chains,

North between sections 19 ^{and} 20.

Variation $14^{\circ} 22'$ East.

Ascend.

23.00 Top of Hill 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 $\frac{1}{4}$ S. on W. face, dug pits, 18 x 18 x 12 ins., N. and 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.

63.00 Cross Gulch, 100ks. wide, Course 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, 17, 18, 19 & 20 marked T, 23 N, S, 17, on N, E, R, 31 E, S. 20 on S, E, S, 19 on S. W, and S, 18 on N, W, face with 3 notch 20 on S, and 5 notch 20 on E, 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 mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

East, on a random line between sections 17 & 20.

Variation $14^{\circ} 22'$ East.

Descend.

35.00 Cross Wash, 200 yds. wide, Course *S.* and ascend.40.00 Set temporary $\frac{1}{4}$ Sec. Cor.59.00 Top of Hill bears *N. and S.* and descend.80.20 Intersect *N. & S.* line, 5 yds. *South* of cor. to secs.

16, 17, 20 & 21, from which corner, I run

 $S. 89^{\circ} 56'$ *W.* on a true line between sections 17 & 20.Variation $14^{\circ} 22'$ East

40.10 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., *E.* and *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.

80.20 The corner to sections 17, 18, 19 and 20.

Land mountainous

Soil *3rd* rateTimber of *Pine*.

Vegetation, bunchgrasses.

T. 23 N. R. 31 E. G. & S. R. M.

Chains,

West. on a random line between sections 18 & 19.

Variation $14^{\circ} 22'$ East.

Ascend.

22.50 Top of Hill bears N. and S. and descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.41 Intersect W. B. of Tp. 17 lks. North of cor. to secs.
13, 18, 19 & 24, from which corner, I run

N. $89^{\circ} 53'$ E. on a true line, between sections 18 & 19.

Variation $14^{\circ} 25'$ East.

39.41 Set a Sand stone $20 \times 12 \times 8$ 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 and W. of stone $3\frac{1}{2}$
ft. dist., and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base. alongside.

79.41 The corner to sections 17, 18, 19 & 20.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrasses.

December 22nd 1882.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

North between sections 17 & 18.

Variation $14^{\circ} 22'$ East.

Ascend.

8.00 Top of Hill bears E. and N. 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.

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

20.00 Set a post 4 ft. long, 4 ins. square, 24 ins. in the ground, for Cor. to Secs. 7, 8, 17 & 18, marked T. 23 N. S. 8 on N. E., R. 31 E, S. 17 on S. E., S. 18 on S. W., and S. 7 on N. W. faces, with 4 notches on S. and 5 notches on E. edges, from which
A Pine 7 ins, diam. bears $N. 55^{\circ} E$, 70 lks. dist. marked T. 23 N., R. 31 E S., 8 B. T.

A Pine 4 ins, diam. bears $S. 39^{\circ} 14' E$, 54 lks. dist. marked T. 23 N., R. 31 E S., 17 B. T.

A Pine 8 ins, diam. bears $S. 41^{\circ} 12' W$, 63 lks. dist. marked T. 23 N., R. 31 E S., 18 B. T.

A Pine 7 ins, diam. bears $N. 32^{\circ} W$, 42 lks. dist.

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

marked T. 23 N., R. 31 E. S., 7 B. T.

Land mountainous.

Soil 3rd rate

Vegetation, bunchgrass.

Heavy Timber of Pine.

East. on a random line between sections 8 & 17.

Variation $14^{\circ} 22'$ East.

Descend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.43.00 Cross Wash, 100 lks. wide, Course \mathcal{O} . and ascend.52.00 Top of Hill bears \mathcal{N} . \mathcal{O} \mathcal{S} . and descend.70.00 Cross head of Wash, course \mathcal{O} .

79.93 Intersect N. & S. line, 13 lks. North of cor. to secs. 8, 9, 16 & 17, from which corner, I run

 \mathcal{N} . $89^{\circ} 54'$ \mathcal{W} . on a true line between sections 8 and 17.Variation $14^{\circ} 22'$ East39.96 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground, for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on \mathcal{N} . face; from whichA Pine 6 ins, diam. bears \mathcal{S} . $2\frac{1}{2}^{\circ}$ \mathcal{E} , 70 lks. dist. marked $\frac{1}{4}$ S. B. T.

T. 28 N. R. 31 E. G. & S. R. M.

Chains.

A Pine 8 ins, diam. bears $N. 38^{\circ} W.$, 49 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.93 The corner to sections 7, 8, 17 and 18.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

West. on a random line between sections 7 & 18.

Variation $14^{\circ} 22'$ East.

Ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

43.00 Top of Hill bears $N.$ and $S.$ and descend.

79.25 Intersect $N.B.$ of Tp. 8 lks. $N.$ of cor. to secs.
7, 12, 13 & 18, from which corner, I run

$N. 59^{\circ} 57' E.$ on a true line, between sections 7 and 18,

Variation $14^{\circ} 25'$ East.

39.25 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on $N.$ face; from which

A Pine 10 ins, diam. bears $S. 48^{\circ} E.$, 37 lks. dist.
marked $\frac{1}{4}$ S. B. T.

Chains:

A Pine 20 ins, diam. bears $N. 28^{\circ} W.$, 42 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.25 The corner to sections 7, 8, 17-18.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass

North between sections 7 and 8.

Variation $14^{\circ} 22'$ East.

Ascend.

19.00 Top of Spur, 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 $\frac{1}{4}$ S. on
 $W.$ face, dug pits, 18 x 18 x 12 ins., $U.$ and $J.$ 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.

62.00 Cross Gulch, 50 lks. wide, Course $E.$ 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, 5, 6, 7 & 8,
marked T, 23 N S, J, on N, E, R, 31 E, S. 8
on S, E, S, 7 on S, W, and S, 6 on N, W, face;

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

with 5 notches on S, and 5 notches on E, 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 mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

East. on a random line between sections 5 & 8.

Variation $14^{\circ} 22'$ East.

Along S. slope, through timber.

40.00' Set temporary $\frac{1}{2}$ Sec. Cor.

79.69 Intersect N. & S. line, 20 lks. South of cor. to secs.

H. 5, 8 59, from which corner, I run

S. $89^{\circ} 51'$ W. on a true line between sections 5 & 8.Variation $14^{\circ} 22'$ East

39.84 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., E. and 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.

Chains.

from which

A Pine 5 ins, diam. bears $N. 37\frac{1}{2}^{\circ} E$, 83 lks. dist.
marked $\frac{1}{4}$ S. B. T.

No other trees within limits.

79.69 The corner to sections 5, 6, 7 and 8.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrass.

West, on a random line between sections 6 & 7.

Variation $14^{\circ} 22'$ East.

Ascend.

19.50 Top of Hill bears $N. 90^{\circ} S$.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.58 Intersect $N. B.$ of Tp. 14 lks. South of cor. to secs.
1, 6, 7 & 12, from which corner, I run
 $S. 69^{\circ} 54' E$. on a true line, between sections 6 & 7.
Variation $14^{\circ} 25'$ East.

39.58 Set a post 3 ft. long, 3 ins. diam 24 ins. in the ground,
for $\frac{1}{4}$ Sec. Cor., marked $\frac{1}{4}$ S. on $N.$ face; from which

T. 23 N. R. 31 E. G. & S. R. M.

Chains.

A Pine 7 ins. diam. bears $S. 57^{\circ} 12' E.$, 60 lks. dist.
marked $\frac{1}{4}$ S. B. T.

A Pine 8 ins. diam. bears $N. 42^{\circ} W.$, 83 lks. dist.
marked $\frac{1}{4}$ S. B. T.

79.58 The corner to sections 5, 6, 7 and 8.

Land mountainous

Soil 3rd rate

Timber of Pine.

Vegetation, bunchgrasses.

North on a random line between sections 5 & 6

Variation $14^{\circ} 22'$ East.

Ascend.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

62.00 Top of Ridge, bears $E. \frac{1}{2} W.$ and descend.

80.03 Intersect N. B. of Tp. 12 lks. East of cor. to secs.
5, 6, 31-32 from which corner, I run

$S. 5^{\circ} E.$ on a true line, between sections 5 & 6.

Variation $14^{\circ} 22'$ East.

40.03 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

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T. 23 N. R. 31 E. G. & S. R. M.

Chains.

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.

Sec. 03 The corner to sections 5, 6, 7 ^{cont.}

Land mountainous

Soil 3^m rate

Timber of Pine.

Vegetation, bunchgrass.

December 23^m 1882.

T. 23 N. R. 31 E. G. & S. R. M.

General Description.

The land in this portion of the township is generally mountainous and rolling, with high mesas and a few level valleys. Several deep gulches cross this portion, in various directions. The soil is 3rd rate, producing sagebrush and good bunchgrass. There is a good growth of Pine timber in the township and a scattering growth of Juniper. The Atlantic and Pacific rail-road crosses the eastern part of the township.

A house inhabited by Indians is in sec. 34.

For Trial Oaths
see Book No. 18.

BOOK 474

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

May 17, 1883

The foregoing Field Notes of the Survey of the

Subdivision Lines
of the fractional Township
23 North, Range 31 East

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by W. R. Fitzgerald

Deputy Surveyor, under his contract of the

day of

July

, 1883, 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. B. B. B.

Surveyor General.