

No. 454

subdivision

4-671

BOOK 454

454

FIELD NOTES

GENERAL LAND OFFICE.

Township 23. N. R. 5. E.

Indexed Book 453

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BOOK 454

Township 23N R. 5E

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Cube T. 23 N.R. 5 East

the cor. to secs. 3, 4, 33 and 34 which is a stone firmly set and properly marked and witnessed as described in the field notes furnished by Surveyor General. Thence I run

N 0° 2' W. on a true line bet. secs. 33 and 34.

Var. 13° 45' East.

over rolling land through scattering timber.

47.52 Set a malpais stone 18x16 x 10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone 2 ft high, 3 ft. base, alongside. Pits

Subdivisions

chs impracticable
 53.00 Beale Road, bears E & W.
 87.52 The cor to secs. 27, 28,
 33, and 34.
 Land, rolling.
 Soil, stony, 2^d and 3^d rate.
 Timber, pine.

N. 0° 2' W. bet. secs. 27 and 28.
 Var. 13° 45' East.

over rolling land.

40.00 Get a malpais stone 16x
 16x 12 ins. 11 ins. in the
 ground for 1/4 sec. cor.
 marked 1/4 on W. face,
 and raise a mound
 of stone 2 ft high,
 3 ft base, along grade.
 Puts impracticable

T. 23 N.R. 5 East (cont)

chs

70.00 Ascent 150 ft.

80.00

A malpais stone
in place, $3 \times 3 \times 3 \frac{1}{2}$ ft.
above ground, I mark a
cross (+) at exact cor-
point, for cor. to secs.
21, 23, 27 and 28, with 2
notches on S and 3 notches
on E. edges, and raised
a mound of stone 2 ft.
high, 3 ft. base, along-
side. Pits impracticable
Land rolling and moun-
tainous.

Soil, stony, 3^d rate.

No Timber.

mountainous land 10 chs.

East on a random line

Subdivisions

cho. bet secs. 22 and 27.

Var. $130^{\circ} 45'$ East.

40.00 Set temporary $\frac{1}{4}$ sec. cor.

80.46 Intersect N. and S. line
20 lks S of cor to secs.
22, 23, 26 and 27.

Thence run

S. $89^{\circ} 51'$ W. on a true line
bet. secs. 22 and 27.

Var. $130^{\circ} 45'$ East.

over rolling land.

40.23 Set a malpais stone 20
 $\times 12 \times 12$ ins, 15 ins. in
the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N.
face, and raise a
mound of stone $1\frac{1}{2}$ ft.
high, 3 ft. base, along-
side. Cuto impracticable

T. 23 N. R. 5 East (cont)

- chs.
 44.00 Road, course N. and S.
 50.00 ascent 200 ft.
 71.00 Top of ascent on S. E.
 slope of mountain.
 Descend 100 ft.
 80.46 The cor. to secs 21, 22,
 27 and 28.
 Land, rolling and mountainous.
 Soil, stony, 20 rate.
 No timber
 Mountainous land, 30 chs.

N. 0° 2' W. bet. secs. 21 and 22
 Var. 13° 45' East.

ascent 100 ft.

- 8.00 Top of ridge, course E. and
 W.

Descend 400 ft.

- 19.00 Enter scattering timber

Subdivisions

- | cls | |
|-------|--|
| 23.00 | Foot of descent, leave scattering timber. enter open prairie thence on rolling land. |
| 40.00 | Get a sand stone $19 \times 18 \times 8$ ins. 15 ins. in the ground for $\frac{1}{4}$ sec. marked $\frac{1}{4}$ on W. face, and raised a mound of stone 2 ft high 3 ft. base, alongside. Pits impracticable. |
| 58.00 | ascend 300 ft. |
| 61.00 | Top of round hill and descent 50 ft. |
| 63.00 | Foot of descent and ascent 60 ft. |
| 69.00 | Top of hill and descent 400 ft. |

T. 23 N. R. 5 E. (cont.)

cho
80.00 Enter heavily timbered land.
Foot of descent.
Get a malpais stone $20 \times 10 \times 10$ ins. 15 ins. in the ground for cor to sec.
15, 16, 21 and 22, marked with 3 notches on the S and E. edges, and raised a mound of stone 2 ft. high, 3 ft. base, alongside, from which a Pine 20 ins. diam. - hrs. N. $72^{\circ} 25'$ E. 137 lks. dist. marked T. 23 N. R. 5 E. S. 15 B.T.
a Pine 22 ins. diam. - hrs. S. $260^{\circ} 10'$ E. 213 lks. dist. marked T. 23 N. R. 5 E. S. 22 B.T.
a Pine 25 ins. diam. - hrs. S. $86^{\circ} 25'$ W. 30 lks. dist.

Subdivisions

hs. marked T. 23 N. R. 5 E. S. 21 B.T.
a Pine 6 ins. diam. hs.
N. $25^{\circ}10'$ W. 81 lks. dist.

marked T. 23 N. R. 5 E. S. 16 B.T.
Land, rolling and mountain-
ous.

Gail, stony, 20 rats.

Timber, pine.

Heavily timbered on
mountainous land, 45 lks.

from this cor. Denton

Bear's well and
sheep corral hs. S. 750
36' E. about $\frac{3}{8}$ of a mile
dist.

N. $89^{\circ}51'$ E on a random
line bet. secs 15 and 22.

Var. $13^{\circ}45'$ East.

T. 23 N R 5 E. (cont)

cho
40.00 Get temporary $\frac{1}{4}$ sec.
cor.

80.16 Intersect N. and S. line 21
lks. N. of cor. to sec-
14, 15, 22 and 23-

Thence I run
west on a true line
bet. sec. 15 and 22-

Var. $30^{\circ} 45'$ East-

ever rolling heavily
timbered land.

40.08 Get a mae-pai's stone
 $16 \times 16 \times 8$ ins. 11 ins
in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$
on N. face, and raised
a mound of stone 2 ft-
high, 3 ft. base, along-
side. from which

Subdivisions

- chs. a Pine & ins. drain.
 hrs. S. 230, 10' W. 33 lks.
 dist. marked $\frac{1}{4}$ S. B.T.
 a Pine & ins. drain. hrs.
 N. 70 05' W. 11 lks. dist.
 marked $\frac{1}{4}$ S. B.T.
- 44.00 Descend 40 ft.
- 50.00 Leave heavily timbered
 land, enter open prairie
 thence over rolling land.
- 51.00 Road, course N. W. and
 S. E
- 78.00 Enter heavily timbered
 land.
- 80.16 The cor. to secs 15, 16,
 21 and 22.
 Land, rolling.
 Soil, stony, 20 and 30% water
 Timber, pine.

T. 23 N. R. 5 E. (cont)

chs. Heavily timbered land
52.16 chs.

at this cor I verify
the adjustments of
my instrument and
find them correct.

I then set off $22^{\circ} 24' N.$
on the decl. arc, and
at 11 h 58 m. a.m. l.m.t.
observe the Sun on
the meridian; the
resulting latitude
is $35^{\circ} 20' N.$ the true
latitude nearly.

N. $002' W.$ bet. secs. 15 and 16

Var. $130^{\circ} 45' East$
over rolling heavily

Intimations

chs	timbered land.
	Descent gradually 30 ft.
11.00	Foot of descent.
38.55	Road, course N. W. and S. E.
40.00	Set a malpais stone 18 x 16 x 12 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone 1 1/2 ft high, 3 ft. base, along- side. from which a Pine 18 ins. diam. hrs. N. 330 16' E. 61 lbs. dist. marked 1/4 S. D. T. a Pine 40 ins. diam hrs. N. 71° 20' W. 57 lbs. dist. marked 1/4 S. D. T.
50.00	ascend gradually 50 ft

T. 23 N. R. 5 E. (cont)

cho.
90.00

Set a malpais stone $20 \times 10 \times 7$ ins. 15 ins. in the ground for cor. to sec-9, 10, 15 and 16, marked with 4 notches on S. and 3 notches on E. edges, and raised a mound of stone 2 ft. high, 3 ft. base, along-side, from which a Pine 10 ins. in diam. bcs. N. 45° E. 102 lbs. dist. marked T. 23 N. R. 5 E. S. 10 B.T.
a Pine 8 ins. diam bcs. S. 510° 40' E. 31 lbs dist marked T. 23 N. R. 5 E. S. 15 B.T.
a Pine 10 ins. diam. bcs. S. 56° 13' W. 22 lbs dist.

Subdivisions

chs

marked T. 23 N. R. 5 E. S. 6 B. T.
 a Pine 6 ins. diam has
 N. $53^{\circ} 30'$ W. 96 lks dist.
 marked T. 23 N. R. 5 E. S. 9 B. T.
 Land, rolling.
 Soil, stony, 2^d and 3^d rate.
 Timber, pine.
 Heavily timbered land
 80 chs

East on a random line
 bet. secs. 10 and 15.

Var. $130^{\circ} 45'$ East.

40.00

Get Temporary 1/4 sec.
 cor.

80.41

Intersect N. and B. line
 5 lks. N of cor. to secs.
 10, 11, 14 and 15.
 Thence I run

T. 23 N. R. 5 E. (cont)

- chrs. N. 190 54' W. on a true line
bet. sec 10 and 15.
Var. 130 45' East
over rolling heavily
timbered land.
- 7.00 ascent 100 ft
- 21.00 Top of ascent and descend
100 ft.
- 40.21 Set a sand stone 16 x 16
x 12 ins. 11 ins. in the
ground for 1/4 sec. cor.
marked 1/4 on N. face,
and raised a mound
of stone 1 1/2 ft high, 2
ft. base, alongside
from which
a Pine 16 ins. diam. hrs.
S. 440 05' E. 38 lbs dist
marked 1/4 S.D.T.

Subdivisions

- cho. a Pine 14 ins. diam.
 hrs. N. 60° 50' W. 62 lbs.
 dist. marked 1/4 S. B.T.
- 41.80 Ravine, 8 ft. deep, course
 S. W.
- 48.00 Ravine, 10 ft. deep, course
 S. W.
- ascend gradually 200 ft.
- 80.41. The cor to secs. 9, 10, 15
 and 16.
- Land, rolling and broken.
 Soil, stony. 2' and 3' strata.
 Timber, pine.
 Heavily timbered land
 80.41 cho.

N. 0° 2' W. bet. secs 9 and 10.
 Var. 130 45' East
 over rolling broken

T. 23 N. R. 5 E. (cont)

- cho heavily timbered land.
ascent gradually 50 ft.
- 12.00 Top of ascent.
- 14.00 Ravine, 3 ft. deep,
course S. W.
Descent 40 ft.
- 31.65 Ravine, 6 ft. deep,
course S. W.
ascent 100 ft.
- 40.00 a malpais rock in
place, 7 x 4 x 5 ft. above
ground. I cut a cross
(+) at exact cor. point
and marked $\frac{1}{4}$ W. of cross
for $\frac{1}{4}$ sec. cor. and
raised a mound of stone
2 ft high, 3 ft base,
alongside. from which
a Pine 20 in dia has

Subdivisions

chs 3. 210 15' W. 93 lks. dist.
marked 1/4 S.B.T.

a Pine 18 mi. drain.

chs N. 87° 16' W. 17 lks.
dist. marked 1/4 S.B.T.

41.00 ascent 800 ft. over S.W.
slope of Kendrick Peak.

80.00 a malpais rock in
place 3 x 3 x 2 ft. above
ground. I cut a cross
(+) at exact cor. point
for cor. to sec. 3, 4, 9
and 10, marked with 5
notches on S and 3 notches
on E. edges, and raised
a mound of stone 2 ft
high, 3 ft. base, alongside,
from which,
a Fir 16 mi. drain. chs

T. 23 N. R. 5 E. (cont)

chs N. $83^{\circ}40'$ E. 58 lks dist.

marked T. 23 N. R. 5 E. S. 3 B.T.

a Fir 24 ins. diam. hrs. S
 $47^{\circ}15'$ E. 53 lks. dist. marked
 T. 23 N. R. 5 E. S. 10 B.T.

a Pine 8 ins. diam hrs-
 S $170^{\circ}05'$ W. 121 lks dist.

marked T. 23 N. R. 5 E. S. 9 B.T.

a Fir 10 ins. diam. hrs.
 N. $31^{\circ}25'$ W. 23 lks. dist.

marked T. 23 N. R. 5 E. S. 4 B.T.

Land, rolling and mountain-
 tainous.

Soil, stony, 2^o and 3^o rate.
 Timber, fir and pine.
 mountainous, or heavily
 timbered land, 80 lks-

S. $89^{\circ}54'$ E. on a random line

Interminous

cho bet. sees 3 and 10.

Var. $130^{\circ}45'$ East.

40.00 Set temporary 1/4 sec cor.

80.48 Intersect N. and S. line
14 lks. N of cor. to sees.
2, 3, 10 and 11.

Thence I run

N. $89^{\circ}48'$ W. on a true line
bet sees. 3 and 10.

Var. $130^{\circ}45'$ East.

over mountains heavily
timbered land

ascend 200 ft.

9.00 Top of ascent, and descent
300 ft.

20.00 Foot of descent, ramble,
10 ft. deep, course S.
ascend 300 ft.

29.00 Top of ascent and descent,

T. 23 N. R. 5 East. (cont)

- chs. 400 ft.
- 40.24 Set a sandstone $19 \times 18 \times 12$ nis. 15 nis. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone 2 ft high, 3 ft. base, along side, from which a Pine 16 nis. drain hrs. N. $33^\circ 16'$ E. 79 lks. dist. marked $\frac{1}{4}$ S. B. T.
- a Pine 23 nis. drain hrs. S. $67^\circ 25'$ W. 51 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 42.00 Ramie, 20 ft. deep, cause S. ascent 500 ft.
- 52.00 Top of ascent, descent over broken S. slope of mountain
- 80.48 The cor. to sec. 3, 4, 9, and 10.

Gutierrezia

cho. Land, mountainous.
Soil, rocky, 2° and 3° rate.
Timber, pine and fir.
mountainous or heavily
timbered land; 80.48 cho.

N. 0° 2' W. on a random line
bet. secs. 3 and 4.

Var. 130° 45' East.

40.00 Set temporary 1/4 sec. cor.

80.28 Intersect N. body of Sp. 29
lks. N. of cor. to secs 34,
33 and 34.

Thence I run

S. 0° 10' W. on a true line
bet. secs. 3 and 4.

Var. 130° 45' East.

over mountainous heavily
timbered land; ascent 400

T. 23 N. R. 5 E (cont)

chs feet.

19.00 Top of ascent.

Descend 900 ft. over S. W.
slope of Kendrick Peak.

40.28 Set a slate stone $15 \times 15 \times$
3 ins. 12 ins. in the
ground for 1/4 sec. cor-
marker 1/4 on W. face, and
raise a mound of stone
2 ft high, 3 ft. base,
alongside, from which
a Fir 16 ins diam. br.
S. 67° 20' W. 53 lbs dist.
marker 1/4 S. B. T.

a Pine 21 ins diam. br.
N. 18° 11' W. 49 lbs dist.
marker 1/4 S. B. T.

Descend 400 ft.

67.00 Ravine 40 ft. deep, corner N.

Subdivisions

chs. ascend 300 ft.

80.28 The cor. to secs. 3, 4, 9 and 10.

Land, mountainous.

Soil, stony. 30 rate.

Timber, pine, fir, and aspen.
mountainous or heavily
timbered land; 80.28 chs.

From the cor. to secs. 28
29, 32 and 33, on Auxiliary Base
I run

S. 0° 2' E. on a random line
bet secs. 32 and 33.

Var. 130 45' Each

40.00 Set temporary 1/4 sec. cor.

90.12 Intersect S. boundary of Twp.
at the cor. to secs. 4, 5,
32 and 33, which is a
post firmly set and properly

T. 23 N. R. 5 E. (cont)

cho. makes and witnesses as
described in the field
notes furnished by the
Surveyor General.

Thence I run

N. 0° 2' W. on a true line
bet. secs. 32 and 33.

Var. 13° 45' E.

over rolling land.

50.12 Set a masonry stone 18 x 16 x
12 in. 12 in. in the
ground for 1/4 sec. cor-
marked 1/4 on W. face,
and raised a mound of
stone 2 ft. high, 3 ft. base,
alongside. Pits unprac-
ticable

61.00 Beale road, bears E and W.

90.12 The cor. to secs. 28, 29, 32 and 33

Subdivisions

chs Land, rolling
 Soil, stony, 3^d rate.
 No timber.

N. 00 2' W. bet. sec. 28 and 29.

Var. 130 45 East.

Over mountainous land.
 ascent 100 ft.

11.00 Top of ascent on W. slope
 of high hills, and descent
 300 ft.

23.00 Foot of descent, thence over
 rolling land.

40.00 Set a sand stone 14x11x10
 ins. 10 ins. in the ground
 for 1/4 sec. cor. marked 14
 on W. face, and raised a
 mound of stone 2 ft high
 3 ft base, alongside. Pits

T. 23 N. R. 5 E. (cont)

cho impracticable

47.00 Enter heavily timbered land.

8000 Get a sandstone $15 \times 12 \times 12$ ins.
10 ins in the ground for
ex. to see 20, 21, 25 and 29
marked with 2 notches on
S. and 4 notches on E.
edges, and raise a
mound of stone 2 ft high
4 ft base, alongside,
from which
a Pine 27 ins. diam. has
N. $71^{\circ} 05'$ E 92 lks dist.
marked T. 23 N. R. 5 E. S. 21 B.T.
a Pine 27 ins diam. has
S. $45^{\circ} 10'$ E. 13 lks dist.
marked T. 23 N. R. 5 E. S. 25 B.T.
a Pine 36 ins. diam. has
S. $31^{\circ} 10'$ W. 160 lks dist.

Subdivisions

the marked T. 23 N. R. 5 E. S. 29 B.T.

a Pine 21 mi diam hrs.

N. 30° 30' W. 38 lbs dist.

marked T. 23 N. R. 5 E. S. 20 B.T.

Land rolling and mountainous.

Soil, stony, 30 rate.

Timber, pines

mountainous or heavily

timbered land 56 lbs.

East on a random line

bet. secs. 21 and 28.

Var. 130 45' East.

40.00 Set temporary 14 sec. cor.

80.04 Interset N. and S. line
16 lbs N. of cor. to secs.

21, 22, 27 and 28.

Thence I run

T. 23 N. R. 5 E. (cont)

cha N. $89^{\circ} 53'$ W. on a true line
bet. sec. 21 and 28.

Var. $130^{\circ} 45'$ East.

Over mountainous land
ascend along S. slope of
mountain 350 ft.

30.00 Top of ascent and descent
250 ft.

40.02 Set a res under stone
 $16 \times 16 \times 14$ ins. 11 ins. in
the ground for $1/4$ sec.
cor. marked $1/4$ on W. face
and raised a mound of
stone 2 ft. high, 3 ft.
base, alongside, from
which
a Pine 6 ins. diam. bro.
S. $47^{\circ} 12'$ E. 196 lbs. dist.
marked $1/4$ S. B.T.

Subdivisions

- chs No other trees within limits
 67.00 Leave open prairie, enter
 heavily timbered land.
 80.04 The cor. to secs. 20, 21, 28 and
 29.
 Land, rolling and mountainous.
 Soil, stony, 3^d rate.
 Timber, pine.
 mountainous or heavily
 timbered land, 80.04 chs.

N. 00 2' W. bet. secs. 20 and 21.
 Var. 130 45' East.

over rolling broken heavily
 timbered land.

- 40.00 Get a sand stone $10 \times 16 \times 8$
 ins. 11 ins. in the ground
 marked 1/4 on W. face,
 and raise a mound of

T 23 N.R. 5 E. (cont)

- cho. stone 2 ft. high, 3 ft-
base, alongside, from
which
a Pine 10 ins. diam. ho.
S. 70 25' E. 6' lks. dist.
marked 1/4 S.B.T.
a Pine 8 ins. diam ho.
N. 210 10' W. 55 lks. dist.
marked 1/4 S.B.T.
46.00 Descent 150 ft.
59.00 Foot of descent.
61.00 Canine, 4 ft. deep, course
S. W.
Thence on rolling land.
80.00 Set a sand stone 19 x 10 x 8
ins. 15 ins. in the ground
for cor. to sec. 16, 7, 20
and 21, marked with
3 notches on S. and 4 notches

Subdivision

cho. on E. edges, and raised
 a mound of stone 2 ft.
 high, 3 ft. base, along-
 side, from which
 a Pine 16 ins. diam. hrs.
 N. $88^{\circ} 50'$ E. 9 lks. dist.
 marked T. 23 N. R. 5 E. S. 16 B.T.
 a Pine 12 ins. diam. hrs.
 S. $46^{\circ} 20'$ E. 84 lks. dist.
 marked T. 23 N. R. 5 E. S. 21 B.T.
 a Pine 10 ins. diam. hrs.
 S. $50^{\circ} 35'$ W. 28 lks. dist.
 marked T. 23 N. R. 5 E. S. 20 B.T.
 a Pine 14 ins. diam. hrs.
 N. $87^{\circ} 20'$ W. 26 lks. dist.
 marked T. 23 N. R. 5 E. S. 17 B.T.
 Sand, broken and rolling.
 Soil, stony. 3^d rate.
 Timber, pine.

T. 23 N. R. 5 E. (cont.)

his Heavily timbered land
80 chs.

S. $89^{\circ}53'E$. on a random
line bet. secs. 16 and 21.

Var. $130^{\circ}45'$ East.

40.00 Bet temporary $\frac{1}{4}$ sec cor.

80.10 Intersect N. and S. line

36 lbs N. of cor. to secs.

15, 16, 21 and 22.

Thence I run

N. $89^{\circ}38'W$. on a true line
bet secs. 16 and 21.

Var. $130^{\circ}45'$ East.

over rolling broken
heavily timbered land.
ascend 80 ft.

11.00 Top of ascent and
descent 150 ft

Intoxications

cho

40.05

Get a malpais stone 8x
16x 7 ins. 14 ins in the
ground for 1/4 sec. in.
marked 1/4 on N. face,
and raised a mound
of stone 2 ft high, 3 ft
base, alongside. from
which

a Pm 10 ins. diam.
bra N. 86° 25' E. 98 lbs.
dist. marked 1/4 S. B.T.

a Pm 12 ins. diam bra
N. 52° 05' W. 41 lbs. dist
marked 1/4 S. B.T.

Thence over rolling land

80.10

The car to secs. 16, 17, 20
and 21.

Land, rolling and broken
Soil, rocky, 30 rate.

T. 23 N. R. 5 East (cont.)

cho	Timber, pine, heavily timbered land, 80.10 cho.
	N. 0° 2' W. bet. secs. 16 and 17. Var. 130° 45' East. over broken, rolling heavily timbered land.
2.00	Descent 100 ft.
7.10	Ravine, 6 ft. deep, course W. ascent 40 ft.
21.00	Top of ridge, course W. Descent 50 ft.
35.00	Ravine, 8 ft. deep, course W. ascent 50 ft.
39.00	Top of ascent, thence over gently rolling land.

Subdivisions

chs.

- 40.00 Set a sand stone 20 x 14 x
14 ins. 15 ins. in the
ground for 1/4 sec cor-
marker 1/4 on N. face,
and raise a mound of
stone 2 ft high, 3 ft
base, along side, from
which
a Pine 12 ins. diam. hrs.
S. 70 40° W. 36 lbs. dist.
marker 1/4 S. B.T.
- a Pine 14 ins. diam. hrs.
N. 30 15° W. 32 lbs. dist.
marker 1/4 S. B.T.
- 72.00 Leave heavily timbered
land, enter open park.
- 75.40 Road, course E. and W.
- 80.00 Set a sand stone 16 x
15 x 14 ins. 11 ins. in the

T 23 N. R. 5 E (cont)

ch^s ground for cor. to sec^s
 8, 9, 16 and 17, marked
 with 4 notches on S.
 and E. edges, and raised
 a mound of stone 2 ft.
 high, 3 ft. base, along
 side. Puts impracticable
 land, rolling and broken
 soil, rocky, 20 and 30 rods.
 Timber, pine.
 Heavily timbered land, 72 ch^s

S. 89° 38' E. on a random line
 bet sec^s 9 and 16.

Var. 130° 45' East.

40.00 Set Temporary 1/4 sec. cor.

80.12 Intersect N. and S. line 25
 ch^s. S. of cor. to sec^s 9, 10,
 15 and 16.

Subdivisions

chs. Thence I run

N. $89^{\circ} 49'$ W. on a true line
bet. sec. 9 and 16.

Var. $130^{\circ} 45'$ East -

over broken heavily timbered land.

Descent gradually 15° ft.

36.00

Foot of descent, thence
over rolling land.

40.06

Set a marpais stone
 $16 \times 15 \times 14$ ins. 11 ins. in
the ground for $1/4$ sec.
cor. marked $1/4$ on N face
and raised a mound of
stone 2 ft high 3 ft-
base, alongside, from
which

a Pine 20 ins. diam.
lies N. $41^{\circ} 30'$ E. 185 lbs

T. 23 N. R. 5 E. (cont)

cho. dist. marked $\frac{1}{4}$ S. B.T.
 a Pine 18 mi. from here
 S. $30^{\circ} 40'$ W. 16 lbs dist.
 marked $\frac{1}{4}$ S. B.T.

65.00 Leave heavily timbered
 land, enter open park.

80.12 The cor to sec 8, 9, 16
 and 17.

Land, rolling and broken.
 Soil, stony, 3rd rate.

Timber, pine.

Heavily timbered land.
 65 cho.

N. $0^{\circ} 2'$ W. bet. sec. 8 and 9.

Var. $130^{\circ} 45'$ East.

Over mountainous land,
 ascent a spur of
 Kendrick's Peak 1000 ft.

Subdivisions

- | cls | |
|-------|---|
| 40.00 | Set a red cedar stake
18x18x15 ins. 12 ins. in
the ground for $\frac{1}{4}$ sec-
cor. marker $\frac{1}{4}$ on W. face
and raise a mound
of stone, 2 ft high 3
ft base, alongside
Rts impracticable |
| 45.00 | Top of mountain spur,
and descent 400 ft. |
| 50.00 | Leave open and enter
heavily timbered land. |
| 56.00 | Ravine, 50 ft. deep, course
W., leave heavily tim-
bered land, and enter
open park.
ascent 400 ft. |
| 76.00 | Top of ridge, course W.
Descent 400 ft. |

T. 23 N. R. 5 East. (cont)

chs.

77.00

Leave open park, enter
heavily timbered land.

80.00

Get an aspen post 4 ft.
long, 6 ins. square, with
marked stone 12 ins.
in the ground for each
to sec. 4, 5, 8 and 9
marked

T. 23 N. S. 4 on N. E.,

R. 5 E. S. 9 on S. E.,

S. 8 on S. W., and

S. 5 on N. W. faces, with

3 notches on S. and 4

notches on E. edges,

and pits, 18 x 18 x 12 ins.

in each sec. 5 1/2 ft.

dist. and raised a

mound of earth 3 1/2

ft. high, 5 ft. base,

Subdivisions

cho around post, from
which

an aspen 16 mis. diam.

hs. N. 28° 05' E. 45 lks.

dist. marker T. 23 N. R. 5
E. S. 4 B.T.

a Pine 12 mis. diam

hs. S. 81° 12' E. 71 lks.

dist. marker T. 23 N. R.
5 E. S. 9 B.T.

an aspen 12 mis. diam.

hs. S. 23° 05' W. 89 lks.

dist. marker T. 23 N. R. 5
E. S. 8 B.T.

an aspen 6 mis. diam.

hs. N. 40° 30' W. 32 lks.

dist. marker T. 23 N. R.
5 E. S. 5 B.T.

Land, mountains

T. 23 N. R. 5 E. (cont)

chs Soil, stony, 2' and 3' rate.
Timber, pine, fir and
aspen.
mountainous or heavily
timbered land. 80 chs

S 89° 49' E. on a random
line bet. sec. 4 and 9.

Var. 13° 45' East.

40.00 Set temporary 1/4 sec-
cor.

80.40 Intersect N. and S. line
24 lks. S of cor to sec.
3, 4, 9 and 10.

Thence 9 run

S. 89° 59' W. on a true line
bet. sec 4 and 9.

Var. 13° 45' East.

over mountains

Subdivisions

- chs heavily timbered land.
 Decent 700 ft. along a
 ridge, course E. and W.
- 40.20 Set a limestone 20 x 20 x
 16 ins. 15 ins. in the
 ground for $\frac{1}{4}$ sec. cor
 marker $\frac{1}{4}$ on N. face,
 and raised a mound
 of stone 2 ft high, 4
 ft base, alongside
 from which
 a Fir 26 ins diam. has
 N. 46° 10' E. 43 lbs dist
 marker $\frac{1}{4}$ S. B.T.
- a Pine 20 ins. diam
 has N. 16° 12' W. 72 lbs.
 dist. marker $\frac{1}{4}$ S. B.T.
- 80.40 The cor to sec. 4, 5, 8 and 9.
 Land maintains

T. 23 N. R. 5 E. (cont)

cho. Soil, rocky 30 rate
 Timber, fir, pine and
 aspen.
 mountains or heavily
 timbered land 80.40 cho.

N 0° 2' W. on a random line
 bet secs 4 and 5.

Var. 13° 45' East -

40.00 Set temporary 1/4 sec.
 cor.

80.29 Interset N. ldy of sp.
 32 lks. W. of cor to sec.
 4, 5, 32 and 33,-

Thence I run
 S. 0° 12' W. on a true line
 bet. secs. 4 and 5.

Var. 13° 45' East

over mountains

Subdivisions

- chs heavily timbered land.
Descent 700 ft-
- 10.00 Ravine, 40 ft deep, course
W.
ascent 100 ft-
- 15.00 Top of ridge, course E,
and W.
Descent 100 ft-
- 38.00 Ravine, 40 ft deep course
W.
ascent 50 ft-
- 40.29 Set a lime stone $20 \times 20 \times$
18 ins. 15 ins. in the
ground, for $\frac{1}{4}$ sec. cor
marker $\frac{1}{4}$ on W face,
and raise a mound
of stone 2 ft high, 3 ft
base, alongside. from
which

T. 23 N. R. 5 E. (cont)

- sho. a Pine 16 ins. diam. hts.
N. 23° E. 35 lks dist.
marker $\frac{1}{4}$ S.B.T.
- a Pine 10 ins. diam. hts.
S 31° 05' W. 47 lks dist.
marker $\frac{7}{14}$ S.B.T.
- 47.00 Top of ascent and
descent 60 ft.
- 51.00 Foot of descent and
ascent 60 ft.
- 7.00 Top of ridge, course W.
and descent 650 ft.
- 69.00 Foot of descent, ravine,
20 ft deep, course N. W.
ascent 200 ft.
- 80.29 The end to recs. 4, 5, 8 and 9.
Land, mountains
Sail, stamp, 35 rats.
Timber, pine, fir and

Subdivisions

hs. aspen.

mountains or heavily
timbered land 80.29 chs.

June 4, 1894.

at the cor. to sec.

29, 30, 31 and 32, on the

auxiliary Base, I

verify the adjustments
of my instrument and
find them correct.

I then set off 22°

$37'$ on the decls arc,

and at 11^h 55^m a.m.

l.m.t. observe the Sun

on the meridian, the

resulting latitude is

$35^{\circ} 20' N$, the true lat.

nearly.

T. 23 N. R. 5 East. (cont)

chs. Thence Iron

S. $00^{\circ} 3'$ E. on a random line
bet. secs. 31 and 32.

Var. $13^{\circ} 45'$ East

40.00 Set temporary 1/4 sec. cor

92.70 Intersect South body of
Twp. 14 lks. N. of cor to

secs. 5, 6, 31 and 32, which
is a stone firmly set
and properly marked
and witnessed as des-

cribed in the field
notes furnished by the
Surveyor General

Thence Iron

N. $00^{\circ} 9'$ W. on a true line
bet. secs. 31 and 32.

Var. $13^{\circ} 45'$ East-

Over rolling land.

Subdivisions

- chs
 52.70 Set a malpais stone
 16 x 14 x 10 ins 11 ins.
 in the ground for 1/4
 sec. cor. marker 1/4 on
 W. face, and raise a
 mound of stone 2 ft
 high, 3 ft base, along-
 side. Pits unprac-
 ticable.
- 60.00 Beale road, course E.
 and W.
- 68.00 Leave open prairie
 enter heavily timbered
 land.
- 92.70 The cor. to secs. 29, 30, 31
 and 32.
 Land, rolling.
 Soil rocky, 30 rate.
 Timber, pine.

T. 23 N. R. 5 E. (cont.)

chs Heavily timbered land,
12 chs.

N. 0° 3' W. bet. secos. 29 and 30.

Var. 130 40° East.

Over rolling broken heavily
timbered land.

24.00 Descend 100 ft

31.00 Foot of descent, thence over
rolling land.

40.00 Set a malpais stone 18 x 16 x
14 ins. 12 ins in the ground
for base, cor. marked 1/4 on
N. face, and raised a
mound of stone 2 ft high
3 ft. base, alongside from
which
a Pine 16 ins. diam. to N.
33° 16' E. 26 lbs dist.

Subdivisions

- chs. marker $\frac{1}{4}$ S. S.T.
- a Poni 10 ins. diam. hrs.
N. $19^{\circ} 05'$ W. 45 lbs. dist.
marker $\frac{1}{4}$ S. S.T.
- 53.00 ascent 200 ft.
- 64.00 Top of ascent and descent
200 ft.
- 71.00 Foot of descent, thence
over rolling land.
- 81.00 Set a malpais stone
 $20 \times 10 \times 10$ ins. 15 ins. in
the ground for cor. to
secs. 19, 20, 29 and 30,
marked with 2 notches
on S and 5 notches on
E. edges, from which
a Poni 35 ins. diam.
hrs. N. $61^{\circ} 25'$ E. 75 lbs. dist.
marker T. 23 N. R. 5 E. S. 20 S.T.

T. 23 N. R. 5 E. (cont)

chs. a Pine 14 ins diam. hrs. S 10°
35' E 26 lbs dist. marked T.
23 N. R. 5 E. S. 29 S.T.

a Pine 20 ins diam. hrs.
S 66° 50' W. 52 lbs dist. marked
T. 23 N. R. 5 E. S. 30 S.T.

a Pine 10 ins. diam. hrs. N.
52° 20' W. 115 lbs dist. marked
T. 23 N. R. 5 E. S. 19 S.T.

Land, rolling and hilly

Soil rocky, 3rd rate

Timber, pine.

Heavily timbered land 80 chs.

Cast on a random line
bet. secs. 20 and 29.

Var. 130 45' East.

40.00 Set temporary 1/4 sec. cor.

29.86 Intersect N. and S. line 12 lbs

Subdivision

chs. S. of cor to sec 20, 21, 28
and 29.

Thence I run

$S. 89^{\circ} 54' W$ on a true
line bet sec 20 and 29.

Var. $13^{\circ} 45'$ East.

over rolling heavily
timbered land.

36.00 Descent 200 ft.

39.93 Set a sand stone $20 \times 20 \times 16$
ins 15 ins in the ground
for 14 sec. cor. marker 14
on N. face, and raised a
marker of stone 2 ft high,
3 ft base, alongside.
from which

a true 14 ins. in diam
true $N. 78^{\circ} 15' E.$ 47 lks. dist.
marker 14 B.D.T.

T 23 N. R. 5 E. (cont)

the a Pine Fris. diam. two.

S. 70-80° W. 41 also dist.

marked H. B. T.

Thence over rolling land.

79.86 The cor to sec. 19, 20, 29 and 30.

Land, rolling and broken
Soil, stony. 30 rate.

Timber, pine.

heavily timbered land, 79.86 cts

West on a true line

bet. sec. 19 and 30.

Var. 130° 45' East.

over mountains heavily
timbered land.along N. slope of Government
mountain.

5.00 ascent 100 ft.

Subarinsins

- chs
24.45 Top of ascent and
descent 50 ft.
- 28.30 Ramie 20 ft. deep, cause
N. ascent 50 ft.
- 33.00 Top of ascent.
- 40.00 An aspen tree 6 ins.
diam. in place, which
I mark $\frac{1}{4}$ on N. face,
for $\frac{1}{4}$ sec. cor. and
raise a mound of
stone, 2 ft. high, 3 ft.
base, around tree,
from which,
a Pine 18 ins. diam. has
S 87° 20' N. 30 lbs. dist.
marked $\frac{1}{4}$ S. B.T.
- a Pine 16 ins. diam.
has N. 130° 20' W. 43 lbs. dist.
marked $\frac{1}{4}$ S. B.T.

T-23 N.R. 5 E. (cont)

- 52.00 Descend 100 ft.
- 56.40 Ravine, 6 ft. deep, course N. and ascend 100 ft.
- 62.45 Top of ridge, course N. and descend 200 ft.
- 68.90. I intersect N. body of Sp. 4.96
the N. of 100 to 100. 19. 24,
25 and 30, which is a
stone firmly set and
properly marked and wit-
nessed as described in the
field notes furnished by
the Surveyor General
I obliterate all marks
which refer to surveys on
the E.
at the point of intersection
I set a masonry stone
16 x 16 x 10 ins. 11 ins. in the

Subdivisions

cho.

ground for closing cor.
to sec. 19 and 30, marked
C.C. on E. face, with 4
notches on N. and 2 notches
on S faces and raised a
mound of stone, 2 ft.
high, 3 ft. base, along side
from which

a Pine 25 ins. in diam.
has N. 62° 10' E. 265 lbs.
dist. marked T. 23 N. R. 5
E. S. 19 B.T.

a Pine 10 ins. in diam.
has S 83° 15' E. 210 lbs.
dist. marked T. 23 N. R. 5 E.
S. 30 B.T.

a Pine 20 ins. diam.
has N. 26° 15' W. 48 lbs. dist.
marked T. 23 N. R. 5 E. C.C.

T23 N. R. 5 E. (Contd)

Sec. 19-30 B.T.

Land mountainous

Soil, stony, 2° and 3° rate.

Timber, pine, fir and
aspen.mountainous & heavily
timbered land. 68.90 chs.

N. 0° 3' W. bet. sec. 19 and 20.

Var. 13° 45' East.

over rolling heavily
timbered land.

40.00 Set a malpais stone 15 x
14 x 7 ins. 11 ins in the
ground, for 1/4 sec. cor.
marked 1/4 on W. face,
and raised a mound of
stone 2 ft high, 3 ft base
alongside, from which

Subterranean

hs. a Pine 31 ins diam. hrs.
S 70° 40' W. 47 lbs. dist.
marked 1/4 S. B.T.

a Pine 25 ins diam. hrs.
N. 77° 35' W. 45 lbs. dist.
marked 1/4 S. B.T.

80.00 Set a malpais stone
20 x 20 x 8 ins. 15 ins. in
the ground for cor. to sec
17, 18, 19 and 20, marked with
3 notches on S and 5 notches
on E. edges and raised
a mound of stone 2 ft high
3 ft base, alongside,
from which

a Pine 8 ins. diam. hrs.
N. 40° 40' E. 140 lbs. dist.
marked T. 23 NR 5 E S.
17 B.T.

T. 23 N. R. 5 E. (cont)

Sec. a Pine 30 mis. diam. hrs.
 S. 46° 25' E. 31 lks. dist. marker
 T. 23 N. R. 5 E. S. 20 B.T.
 a Pine 30 mis. diam. hrs.
 S. 62° 35' W. 120 lks. dist.
 marker T. 23 N. R. 5 E. S. 19 B.T.
 a Pine 20 mis. diam. hrs.
 N. 52° 30' W. 6 lks. dist.
 marker T. 23 N. R. 5 E. S. 18 B.T.
 Land, rolling.
 Soil, stony, 35 rate.
 Timber, pine.
 Heavily timbered land
 80 cho.

N. 89° 54' E. on a random line
 bet. sec. 17 and 20.

Var. 13045 East.

20.00 Set temporary 1/4 sec. cor.

Subdivisions

dis
80.20

Intersect N. and S. line

17 lks. N of cor to sec.

16, 17, 20 and 21.

• Thence I run

N. $89^{\circ} 47' W.$ on a true line
bet sec. 17 and 20.

Var. $13^{\circ} 45' E.$

over broken rolling

heavily timbered land.

Descent 100 ft.

13.00

Foot of descent.

40.10

Set a malpais stone $16 \times$

10×10 ins. 11 ins. in the
ground, for 1/4 sec. cor.

marked 1/4 on N. face,

and raised a mound of
stone 2 ft high 3 ft. base
alongside, from which
a Pile 24 ins. diam.

T. 23 N. R. 5 E. (cont)

ch. 100' N. 74° 30' E. 37' ch. dist.
marked 1/4 S. B.T.
a Pine 36 ins. diam.
ch. 100' S. 73° 10' W. 21' ch. dist.
marked 1/4 S. B.T.

80.20 The cor. to secs. 17, 18, 19 and 20.
Land, rolling
Soil, rocky. 20 and 30' rate.
Timber, pine
heavily timbered land,
80.20 ch.

West on a true line
bet. secs 18 and 19.

Var. 130 45' East.
even rolling heavily
timbered land.

14.00 ascent 150 ft.

40.00 bet a malpais stone 12x

Subs. T. 23 N. R. 5 E (cont.)

- chs. $\pm 12 \times 10$ mis. 8 mis. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone 2 ft high, 3 ft base, along guide. from which
- a Pine 8 mis. drain br. N. $55^{\circ}40'E$. 13 lks. dist marked $\frac{1}{4}$ S. B.T.
- a Pine 12 mis. drain. br. N. $33^{\circ}30'W$. 40 lks. dist. marked $\frac{1}{4}$ S. B.T.
- 42.00 Top of ascent and descent 100 ft.
- 54.00 Foot of descent and ascent 150 ft.
- 68.46 Intersect w. bed of T. 14.46 channels N. of cor to sec.