

Book "B"

No 310

Subdivisions

T19N. R. 5E.

No 310

BOOK 310

4-671

310

FIELD NOTES
GENERAL LAND OFFICE.

No 310

BOOK 310

120
Rec'd July 1-1903.

Copied Descriptive sheets Dec.

3103 G.V.

Des sheets comp by E.U. & sent 1/15/04

Copied 1/15/04. C.J.M.

Township 19N R. 5E

6	1325	4	3	2	1
131	129				
7	1278	9	10	11	12
125	123				
18	121	17	16	15	14
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision of T19N R5E

June 12. at 7^h 15^m a.m. 1 m.c. set off 35° 4' N. on the left arc, 23° 7' N. on the decl. arc, and determine
at top meridian with the solar and run

N 0° 3' W. bet. Secs. 17 and 18

over mountainous land
through heavy timber
Ascend

35.00 Top 100 ft above Sec. cor

39.50 Trail bears E and W.

40.00 Set Melpsair stone 20x12x6 ins
15 ins. in the ground for 1/4 Sec. cor.
Marked 1/4 on W face, from which
a Pine 16 ins. in diam.
bears S 55 1/2° E 59 lks. dist.

Marked 1/4 S 17 B.T.

a Pine 18 ins in diam

bears S 88 1/2° W. 32 1/2 lks. dist.

Marked 1/4 S 18 B.T.

45.00 Descend

52.00 Gulch 75 ft deep course E
Ascend

74.00 Top

Descend

Dash & settings
omitted

Subdivision of

80.00 Set a Malpais Stone 18x14x6 ins
12 ins in the ground for C.M.
of Secs 7-8-17 and 18

Marked with 4 notches on S
and 5 notches on E edge
From which

a Pine 30 ins in diam.
bears $N 10^{\circ} \frac{1}{2} E$ 64 lks. dist.
Marked T19N-R5 E S 8 B.T.

a Pine 28 ins in diam
bears S. $26^{\circ} E$. 31 lks. dist.
Marked T19N TR 5 E S 17 B.T.

A Pine 20 ins in diam.
bears S. $79^{\circ} W$ 40 lks. dist.
Marked T19N. TR 5 E S. 18 B.T.

A Pine 24 ins in diam.
bears $N 55^{\circ} \frac{1}{2} W$ 112 lks. dist.
Marked T19N. TR 5 E S 7 B.T.

Sand mountains
Soil of ^{to} rats

T 19 N. R 5 E

Timber Pine

mountainous and heavily
timbered land 80,000^{ac}

N 89° 41' E on a random
line bet. Secs. 8 and 17

40.00 Set temp 1/4 sec. cor.

80.14 Intersect N and S line 10.0^{mi}.

N of cor of Secs 8-9-16 and 17

Thence I run

S 89° 45' W on a true line
bet. Secs 8 and 17.

Over mountainous land
through heavy timber
Descend.

9.00 Descend into Gulch

19.90 Gulch 100 ft deep course S. E
Ascend

25.75 Trail bears S. E and N. N.

39.00 Top.

Subdivision of

Descend

40-07 Set a Melpais Stone $74 \times 14 \times 8$ ins.
 18 ins in the ground for $\frac{1}{4}$ Sec. cor.
 Marked $\frac{1}{4}$ on N. face from which
 a Pine 18 ins. in diam.
 bears $S 10^{\circ} N. + 3$ lks dist.
 marked $\frac{1}{4}$ S 17 B.T.

An Oak 6 ins. in diam.
 bears $N 17\frac{1}{2}^{\circ} W + 6$ lks. dist.
 marked $\frac{1}{4}$ S. 8 B.T.

48-00 Gulch left deep course $S 70^{\circ} E$
 Ascend

80-14 The cor. of Secs. 7-8-17 and 18
 Sand mountainous
 Soil of 2^{d} rate

Timber Pine some Oak
 mountainous and heavily
 timbered land 80, 14 chs.

June 12th 1903

June 13. at 7^h a.m. l.m.t. I set off 35° if N m. the lat.

T 19 N R 5 E

are; 23° 11' N on the dip arc, and determine a true Meridian
with the solar and run

S. 89° 43' N. on a random
line bet Secs 7 and 18

Dip's settings
multiplied

40.00 Set terrace, 1/4 Sec. cor.

91.97 Intersect N. bdy. of the Sp.
8 lks. N. of the cor. of Secs.
7-12-13 and 18 which I
set

Angle of ground

Thence I run
N 89° 40' E on a true line
bet Secs 7 and 18

over mountainous land
Through heavy timber
Ascend

2.50 Ridge bears N and S.

6.25 Descend over Malpais bluff

18.40 Gulch 30 lks. wide course S.
Ascend

40-10 Trail bears N and S
Descend

49 00 Gulch course S. 10° E

S 10° E
Ascend

Subdivision of

51.97 Set a malsais stone 18x10x6 in.
12 ins. in the ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N face
From which
a Pine 18 ins. in diam.
bears N $\frac{1}{2}$ E. 24 lks. dist.
Marked $\frac{1}{4}$ S 7 B.T.

A Pine 12 ins. in diam
bears S $74\frac{1}{4}$ E 24 lks. dist.
Marked $\frac{1}{4}$ S 18 B.T.

57.00 Ridge bears S. E. and N. W.
Descend

76.00 Ballom
Ascend

91.97 The cor. of Secs 7-8-17 and 18
Land Mountainous
Soil 4th rate
Timber Pine - Oak on Wood
Mountainous and heavily
timbered land 91.97 obs.

T. 19 N., R. 5 E.

No. 3 W. bet. Secs 7 and 8
Over mountainous land
through heavy timber

8.90 Trail bears S. E. and N. W.

30.00 Descend

39.50 Bottom and trail bears
S. E. and N. W.

40.00 Set a sandstone 16x12x6 ins.
11 ins in the ground for $\frac{1}{4}$ Sec.
cor. Marked $\frac{1}{4}$ on N face
From which

A Pine 24 ins, in diam,
bears N $47\frac{1}{4}^{\circ}$ E 60 lks. dist.
Marked $\frac{1}{4}$ S 8 B.T.

A Pine 12 ins, in diam,
bears N 74° W. 50 lks. dist.
Marked $\frac{1}{4}$ S. 7 B.T.

Ascend

57.00 Ridge bears S. E. and N. W.
Descend

Subdivision of

72.50 Trail from Sackwood spring
to the Hunter ^{here to and W of} leaburn

73.00 Wash 50 lks. wide course to
Ascend

80.00 Set a Malpais stone 18x10x8 ins
12 ins. in the ground for cor.
of Secs 5, 6, 7 and 8
Marked with 5 notches on
S. and Eo edges

From which

A Pine 10 ins. in diam
bears N 48 $\frac{1}{4}$ ° E 76 lks. dist.

Marked T19N. R5 E S 5 B.T.

A Pine 36 ins in diam
bears S 40 $\frac{1}{4}$ ° E 198 lks. dist.

Marked T19N. R5 E S 8 B.T.

A Pine 10 ins in diam
bears S 61° W 88 lks. dist.

Marked T19N. R5 E S 7 B.T.

A Pine 18 ins. in diam.

T 19 N., R 5 E.

Bears N 20 1/2° W 93 lks. dist.

Marked T 19 N., R 5 E S 6 B. T.

Sand Mountainous

@ air 3^d rate

Timber Pine

mountainous and heavily
timbered land 80.00 lbs

$N 89^{\circ} 45' E$ on a random
line bet Secs 5 and 8

40.00 Set temp 1/4 Sec. cor.

80.12 Intersect the N and S line 18 lks.

N. of the cor. of Secs. 4-5-8 and 9

June 14, at 7^{1/2} a.m. 1. mi. S set $835^{\circ} 5' N$
 on the lat arc, $23^{\circ} 15' N$ on the decl. arc. July 13 ¹⁹⁰³
 and determine a true meridian with the solar and
 run

$S 89^{\circ} 53' W$ on a true line

bet Secs. 5 and 8

Over mountainous land

through heavy timber

along S. foot of Malpais bluff

3.00 Descend

Duke's allways
mitted

Subdivision of

14.00 Gulch 30 fms wide comes S. E
ascend steep hill

21.00 Top.

40-06 Set Malpais stone 16x10x6 ins
11 ins in the ground for 1/4 sec
cor marked 1/4 on N face

From which

a Pine 18 ins. in diam
bears N 75 1/2° E 10 lks. dist.
marked 1/4 S. 5 B.T.

a Pine 24 ins. in diam.
bears S. 61° N 67 lks. dist.
marked 1/4 S 8 B.T.

46.00 Descend

80-12 The cor. of Doss 5-6-7 and 8
Sand mountains

Soil at the rate

Timber Pine

mountainous and heavily
timbered land 80-12 chr

T19N, R5E

X S89°40' N, on a random
line bet Secs 6 and 7

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

91.66 Intersect N. bdy. of the Sp.
at - the cor of sec. 1-6-7-12
which I set.

Thence I run

N89°40'E on a true line
bet Secs 6 and 7
over mountainous land
through heavy timber

4.00 descend

33.00 Gulch 30 fts, wide course N.E.
ascend

51.66 Set Malpais stone 18x8x6 ins.
12 ins. in the ground for $\frac{1}{4}$ sec
cor. marked $\frac{1}{4}$ on N face
From which
a Pin 30 ins in diam
bears S69°E 40 lks. dist.

end of line

Subdivision of

Marked 1457 B.T.

an Oak 14 in. in diam.

bears N $83\frac{3}{4}$ W 71 lks dist.

Marked 145.6 B.T.

60.00 Descend

85-50 Wash 50 lks wide course S. E
Ascend

91.66 The cor of Secs 5, 6, 7 and 8
Sand Mountainous

Dial 4 $\frac{1}{2}$ rats

Timber Pine some Oak
Mountainous and heavily
timbered land 91.66 chs.

N $0^{\circ} 3'$ W on a True line
but Secs 5 and 6.

Over Mountainous land
through heavy timber
Ascend

4.00 Ridge bears E and W

T. 19 N., R. 5 E.

Descend

9.80 Gulch 30 ft. wide course S. W

Ascend

19.00 Ridge bears N. E. and S. W

Descend

25.00 Gulch 40 ft. wide course S. W

Ascend

40.00 Like Sunstone 18 x 8 x 6 ins. 12 ins.

in the ground for $\frac{1}{4}$ Sec. cormarked $\frac{1}{4}$ on W face

From which

a Pine 12 ins. in diam.

bears N. 86° E. 82 lks. dist.

marked $\frac{1}{4}$ S. 5. T. B. T.

a Pine 12 ins in diam

bears S. 76 $\frac{1}{4}$ ° W. 64 lks. dist.marked $\frac{1}{4}$ S. 6 B. T.57.20 Road Flagstaff to the old
M. C. Ranch bears E. and W

78.25 Intersect the N. bdy. of the

Subdivision of

N. 89° 20' E

Sp. 243 lks. ~~E~~ of $\frac{1}{2}$ cor
of secs 5-6-31 and 32
a Malpais stone firmly set
and properly marked and witnessed

I set a Malpais stone 18x8x6 in.
12 ins in the ground for
cor. of secs 5 and 6
with 5 notches on E and
1 notch on W. edges

From which

A Pine 12 ins in diam
bears S. 41° E. ³⁶ 30 lks. dist.

marked T. 19 N. R. 5 E. S 5 B.T.

A Pine 17 ins. in diam.
bears S 71° 4' W ¹⁰⁰ 94 lks. dist.

marked T. 19 N. R. 5 E. S 6 B.T.
and obliterate markings on trees at old cor. referring to
Sand Mountains ^{these trees}

See 3-List

Timber Pine

Mountaneous and heavily

Should have changed
marking on old cor.
refer to 26 Sp.

T. 19 N., R. 5 E.

timbered land 78.25 chs.

June 14, th (190th)

General Description

This township is very mountainous and broken being cut by numerous canons and deep gulches.

There is an excellent growth of merchantable Pine timber throughout the township and much undergrowth of Pine and oak.

There is a spring of good water on the N. E. ^{1/4} of Sec. 9 where Block and Vail have troughs and corral for watering and

Subdivision of T. 19 N., R. 5 E.

handling their cattle
which range over the top.
There is also a small
spring on the S. E. $\frac{1}{4}$ of
sec 25

There are no settlers
at present on the
township.

Andrew Barry

U.S. Deputy Surveyor

Few preliminary and final
caths see Subs. T. 19 N. R. 4 E.

A P P R O V A L .

Office of the

United States Surveyor-General,

Phoenix, Arizona.

~~June 21~~ - 1904
May 10 -

The foregoing field notes of the survey of *the subs. T. 19 N. R. 5 E.*

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

Executed by *Andrew Bany*

United States Deputy Surveyor, under his contract No. 99, dated *June 30* 1902, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank A. Ingalls

U. S. Surveyor-General.