

4.

No 311

BOOK 311

311

4-671

FIELD NOTES BOOK 311

GENERAL LAND OFFICE.

subdivision

BOOK 311

Township 19 N. R. 3. East.

No 311

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(4-674.)

Township 19 N. R. 3 E

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No-311

BOOK 311

2

Field Notes  
of the survey of the  
Sub-division Lines  
of  
Township No 19 North Range No 3 E  
of the  
Gila & Salt River Base & Meridian  
in the  
Territory of Arizona  
as Surveyed by  
Francis W. Gurney  
U. S. Deputy Surveyor  
Charles E. Perkins  
Compassman & U. S. Deputy Surveyor  
Under his Contract No 31  
Dated June 21. 1893

Survey commenced Oct. 12. 1894  
Survey completed. Oct. 18. 1894

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Chains. Subdivisions.

Survey commenced Oct 12  
1894. with a W & L. E. Gurley  
solar transit.

At the cor to secs 5, 6, 31 & 32  
on the N. E. of the Sp.  
I verify the adjustments  
of my instrument and  
find them correct.

I set off.  $35^{\circ}2'12''$  on the  
lat, arc.  $7^{\circ}34'$  S on the  
Decl, arc, and at 7. A. M. I  
determine a true meridian  
with the solar; the  
resulting mean Va is  
 $13^{\circ}50'$  E.

It was impossible to  
establish any cor. on the  
S. E. of the Sp., and  
run a portion of those

Chains. T. 19. N. R. 3. (Cont.)

upon the E. Tdy.

The N. Tdy was run from  
W. to E. <sup>On a course of  $S. 89^{\circ} 57' E$</sup>  as a true line

The W. Tdy was run  
from the N. to the S.  
as far as practicable  
as a true line

Therefore in accordance  
with my special instruc-  
tions. I commence at the  
cor to secs. 5. 6. 31 & 32  
on the N. Tdy and  
subdivide from the N.  
to the S. and from the  
W. to the E.

From the cor to secs.  
5. 6. 31 & 32 on the N.  
Tdy of the Tp. as herein-  
before described. I run

## Chains. Subdivisions

S.  $0^{\circ} 3' E$  74 sec.  $5 \frac{1}{16}$   
 Va  $13^{\circ} 50' E$ .

Over rolling heavily timbered land.

.39 A pine 14 in diam. on line which I mark with 2 notches on N + S. sides.

.57 A pine 8 in diam. on line which I mark with 2 notches on N + S. sides.

2.37 An oak 12 in diam. on line which I mark with 2 notches on N + S. sides.

3.00 Descend. 100 ft.

27.23 A pine 40 in diam. on line which I mark with 2 notches on N + S. sides.

28.00 Foot of ascent in red wash. Course S.  $20^{\circ} W$ .

chains. T19 N. B. 3. E. (Cont)

Ascend 50 ft.

37.00

Top of ascent, then  
over rolling land.

40.00

Set a sand stone  $20 \times 16 \times 12$   
ins. 15 ins. in the ground.

For 1/4 sec. cor. marked  
1/4 on N. Face & raised  
a mound of stone 2 ft. high  
3 ft. base along side  
from which.

A. Pine 8 in diam. Trs.  $S 57^{\circ} E$

23 Ms. dist. marked 1/4 S. B. T.

O. Pine 28 in diam. Trs.  $S 13^{\circ} 55' W$

80 Ms. dist. marked 1/4 S. B. T.

50.00 Set a malpais. stone  
 $20 \times 12 \times 10$  ins. 15 ins. in the  
ground for cor to sec.  
5. 6. 7 & 8. marked with 5  
notches on S. Ed & E. edges.

Chains. Subdivisions.

and raised a mound  
of stone 2 ft. high 3 ft.  
base alongside from which  
A pine 36 ins. diam.  $\text{Trs. N } 18^{\circ} 39'$   
 $\text{E. } 99$  Ms. dist. marked T. 19  
N. R. 3 E. S. 5. T. 3

A pine 30 in diam.  $\text{Trs. S } 27^{\circ} 04'$   
 $\text{E. } 93$  Ms. dist. marked T. 19  
N. R. 3 E. S. 8 T. 3

A pine 36 ins. diam  $\text{Trs. S}$   
 $62^{\circ} 32'$  W. 35 Ms. dist. marked.  
T. 19 N. R. 3 E. S. 7. T. 3

A pine 3 ins. diam.  $\text{Trs. N.}$   
 $51^{\circ} 04'$  W. 35 Ms. dist. marked.  
T. 19 N. R. 3 E. S. 6. T. 3

Land rolling & broken  
Soil, stony 3<sup>rd</sup> rate  
Timber pine & oak  
Heavily timbered land. 80cks.



chains. T. 19. N. R. 3. E. (Cont.)

N.  $89^{\circ} 57' W$  on a true line  
line bet. secs. 6 & 7.  
Va  $13^{\circ} 50' E$ .

40.00 Set temporary  $\frac{1}{4}$  sec. cor  
80.12 Intersect W. bdy of T. 19  
12 lms. S of cor to secs.  
1, 6, 7 & 12 as hereinbefore  
described.

Thence I run  
S.  $89^{\circ} 52' E$  on a true line  
bet. secs. 6 & 7.  
Va  $13^{\circ} 50' E$ .

Over rolling heavily  
timbered land.

40.12 Set a malpais stone  $20 \times 14 \times$   
 $14$  ins.  $15$  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.

## Chains Sub-divisions

high 3 ft. base alongside  
from which.

A pine 28 ins. diam. Trs.  
S  $46^{\circ} 02'$  W. 68 Ms. dist marked  
1/4 S. B. T.

A pine 24 ins. diam. Trs. N.  
T  $6^{\circ} 19'$  W. 56 Ms. dist marked  
1/4 S. B. T.

66.73 A pine 24 in diam on line  
which I mark with 2 notches  
on E & W. sides.

66.80 West- 6 ft. deep, course E,  
them along west.

69.00 Learn west, course S. E.

77.00 West- 5 ft. deep, course  
S.  $19^{\circ}$  E.

79.40 A pine 40 in diam on line  
which I mark with 2 notches  
on E + W. sides.

chains. T. 19. N. R. 3. E. (Cont.)

80.12 The conts secs. 5, 6, 7 & 8  
Land, rolling Ed. broken  
Soil, Tm. 3<sup>rd</sup> rate  
Timber, pine Ed. base.  
Heavily timbered land. 80.12 chs.

S.  $0^{\circ}3'$  E. br. secs. 7 & 8.  
T.  $13^{\circ}50'$  E.

Our broken heavily timbered  
land.

1.20 Wash 6 ft. deep course E

4.00 Ascend 100 ft. to.

14.00 Top of ascent, thence our  
rolling land.

23.71 A pine 20 in diam. on line  
which I mark with 2 notches  
on N. & S. sides

26.30 A pine 20 in diam. on line

Chains. Sub-divisions.

which I mean with 2 notches  
on N + S sides.

40.00

Set a malpais stone  $18 \times 14 \times 12$  ins. 12 ins. in the  
ground for  $\frac{1}{4}$  sec. cor-  
nered  $\frac{1}{4}$  on W. face  
and raised a mound of stone  
2 ft. high 3 ft base along-  
side from which

A pine 30 in diam. W. S  $23^\circ$   
18' N 37' W. dist. marked  $\frac{1}{4}$   
S. B. T.

A pine 24 in diam. W. S  $40^\circ$   
23' N. 70' W. dist. marked  $\frac{1}{4}$   
S. B. T.

80.00

Set a malpais stone  
 $18 \times 14 \times 12$  ins. 12 ins. in the  
ground for cor to sec-  
7. 8. 17 & 18. marked with

chains. T. 19 N. R. 3. E. (Cont.)

4 notches on S. and 5 notches on E. edges and raised a mound of stone  $1\frac{1}{2}$  ft high. 3 ft base alongside from which.

A pine 48 in diam. trs. N  $50^{\circ}$   $16'$  E. 77 Ws. dist. marked  
T. 19 N. R. 3. E. S. 8. B. T.

A quiper- 6 in diam. trs. S  $46^{\circ}$   $58'$  E. 111 Ws. dist. marked.

T. 19 N. R. 3. E. S. 17. B. T.

A pine 14 in diam. trs. S  $30^{\circ}$   $31'$  W. 136 Ws. dist. marked.

T. 19 N. R. 3. E. S. 18. B. T.

A pine 14 in diam. trs. N  $13^{\circ}$   $48'$  W. 102 Ws. dist. marked

T. 19 N. R. 3. E. S. 7. B. T.

Land, rolling  
Soil, stony 3<sup>rd</sup> rate

Chain - Sub-divisions

Timber, pine & Oak.  
Heavily timbered land  
80 chs.

Oct. 12. 1894

N 89° 52' W on a random line  
to sec. 7 & 18.

Va 13° 55' E.

40.00 Set temporary 1/4 sec. cor

80.05 Intersect W. bdy of Twp.  
35 lns. N of cor to secs. 7, 12  
13 & 18. as shown before description.

rd.  
Thence I run

N 89° 53' E. on a true  
line. to sec. 7 & 18.

Va 13° 50' E.

Over rolling, heavily  
timbered land.

## Chain T. 19. N. R. 3. E. (cont.)

- 19.31 A pine 10 in diam. on line  
which I mark with 2 notches  
on E & W. sides
- 29.69 A pine 28 in diam. on line  
which I mark with 2 notches  
on E & W. sides
- 40.05 Set a sandstone 24 x 16 x  
15 ins. 18 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 alongside  
from which
- A pine 30 in diam. to N  $32^{\circ}$   
31' W. 49 Ms. dist. marked  
 $\frac{1}{4}$  S. B. T.
- A pine 8 in diam. to S  $4^{\circ}$   
33' E. 49 Ms. dist. marked  
 $\frac{1}{4}$  S. B. T.

## Chains. Mt. divisions

- 60.74 A pine 25 in diam. on tree  
which I mark with 2 notches  
on E ed. W. sides-
- 70.73 A pine 12 in diam. on tree  
which I mark with 2 notches  
on E ed. W. sides-
- 80.05 The cor to secs. 7, 8, 17 & 18  
Land, rolling  
Soil, 3<sup>rd</sup> rate  
Timber pine Ed Oak  
Heavily timbered land 80.05  
chs-

S 0° 3' E. for secs. 17 & 18  
Ta 13° 50' E

Over from heavily timbered  
land.

19.12 An oak 10 in diam on tree



chains. T<sub>19</sub> N. R. 3. E. (cont.)

which I mark with 2 notches—  
on N + S. sides—

4000 Set a sand stone 12 x 9 x 8  
ins. 8 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 14 in diam. Trs. N  
31° 45' W. 29 Ms. dist. marked  
1/4 A. B. T.

A pine 14 in diam Trs. N 42°  
31' E. 30 Ms. dist. marked.  
1/4 A. B. T.

5772 A pine 40 in diam. on line  
which I mark with 2 notches  
on N + S. sides

7365 A juniper 40 in diam on line

Chains Subdivisions

which I mark with 2 notches  
on N + S sides

8000 Set a malpais stone  $24 \times 15$   
 $\times 10$  ins. - 15 ins. in the ground.  
For cor to sec. 17. 18. 19 & 20  
marked with 3 notches on S.  
and 5 notches on E edges.  
and raised a mound of  
stone  $1\frac{1}{2}$  ft high 3 ft  
base along side from  
which

A pile 10 ins diam. Ws. N  $22^{\circ}$   
31' E. 30 Ws. dist. marked.  
T. 19. N. R. 3. E. S. 17. B. T.

A pile 30 ins. diam. Ws. S.  $77^{\circ}$   
55' E. 58 Ws. dist. marked  
T. 19. N. R. 3. E. S. 20. B. T.

A pile 16 in diam. Ws. S.  $3^{\circ} 56'$   
W. 99 Ws. dist. marked.

chain T. 19. N. R. 3. E. (cont)

T. 19. N. R. 3. E. S. 19. T. 5.

A pine 12 in diam W. S. 89°  
03' N. 117 W. dist. marked.

T. 19. N. R. 3. E. S. 19. T. 5.

Land, rolling & broken  
Soil, very 3<sup>rd</sup> rate

Timber, pine, juniper & Oak  
Heavily timbered land. 80. chs-

S. 89° 53' W on a random  
line W. sec. 18 + 19

Va 13° 50' E

40.00 Set temporary 1/4 sec. cor

80.09 Intersect W. body of Sp.  
10 W. S. of cor to sec. 13.

18. 19 E of 24. as herein before  
described

Thence I run

## chains Sub-divisions

N.  $89^{\circ} 57' E$  on a true line

Res-ses. 18 & 19

Ta  $13^{\circ} 50' E$

Over rolling tress heavily  
timbered land.

Ascend 100 ft. along N.  
base of mountain peak

17.00

Top of ascent & descend  
200 ft.

4009

A flat malpais rock in  
place which I marked  
with a cross at exact  
cor point. For  $\frac{1}{4}$  sec. cor  
marked  $\frac{1}{4}$  on N of cross-  
and raised a mound of  
stone 2 ft. high 3 ft.  
base alongside. From  
which

A pine 30 in diam N. N

chains. T. 19. N. R. 3. E. (Cont.)

$83^{\circ} 21' N.$  83 lvs. dist. marked  
 $\frac{1}{4}$  S. B. T.

A pine 12 in. diam. Tr. N  $41^{\circ}$   
 $16'$  E 256 lvs. dist. marked.  
 $\frac{1}{4}$  S. B. T.

49.00 Foot of discus and  
 ascend. 150 ft. to.

80.09 The cor to sec. 17, 18, 19 & 20  
 Land, rolling Ed. broken  
 Soil, stony 3<sup>rd</sup> rate.

Timber: Oak pine & juniper  
 Heavily timbered land. 80.09 chs.

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$S. 0^{\circ} 3' E$  Tr. sec. 19 & 20  
 Va  $13^{\circ} 50' E.$

Over mountainous heavily  
 timbered land.

Descend 200 ft.

## Chains. Sub-divisions.

11.00 Lean heavily timbered  
land, enter scattering brush

4000 Set a malpais stone  
20 x 16 x 8 ins. 15 ins. in the  
ground for 1/4 sec. cor-  
manned 1/4 on W. face  
and raised a mound of  
stone 2 ft. high 3 ft.  
base alongside. Found  
white.

A pine 18 in diam. to S. 42° 06'  
N. 59 W. dist. marked.

1/4 S. T. B. T.

A pine 18 in diam. to S. 32°  
09' E. 102 W. dist. marked.

1/4 S. T. B. T.

4200 Foot descent  
ascend 100 ft. to.

45.47 A pine 24 in diam. on time

chain. T. 19. N. R. 3. E. (Cont.)

which I mark with 2 notches  
on N + S sides

57.00 Top. of ascent, thence over  
rolling land to.

73.00 Descend 300 ft. to

80.00 Point on N edge of  
Cañon

Set a sandstone 12 x 10 x 10

ins. 8 ins. in the ground.

For cor. to sec. 19. 20. 29 E 30

marked with 2 notches on

S. Ed 5 notches on E edges.

and raised a mound of stone

2 ft. high 3 ft. base

alongside. From which

A juniper 10 ins. diam. Trs.

T. 70° E 89 Trs. dist. marked.

T. 19. N. R. 3. E. S. 29. 13. T

No other trs. within limits.

Chains *Subdivisions*.

Land, rolling & mountainous.  
 Soil, stony 3<sup>rd</sup> rate  
 Trees, pine, juniper & oak  
 Mountainous or heavily  
 timbered land. 64 chs.

---

$S 89^{\circ} 57' W$  on a random  
 line bet. secs. 19 & 30  
 $T a 13^{\circ} 50' E$ .

40.00 Set temporary  $\frac{1}{4}$  sec. cor  
 80.19 Intersect W. bdy of Sp-  
 14 W. S of cor to secs.  
 19. 24. 25 & 30. as herein -  
 before described  
 Thence true

$S. 89^{\circ} 55' E$  on a true line  
 bet. secs. 19 & 30  
 $T a 13^{\circ} 50' E$



chain. T. 19. N. R. 3. E. (Cont.)

Our rolling broken land,  
through scattering trees.

40.19

Set a markpaire stone 18x16  
x14 ins. 12 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 alongside.

Pits. impracticable

43.00

Descend 250 ft. to

67.00

Foot of descent, in red  
cañon, Course S. 80° E

Ascend 300 ft. to

80.19

The cor to secs. 19. 20. 29 x 30

Land, rolling ed mountainous  
Soil, strong 3<sup>rd</sup> rate  
No timber, some juniper  
trees

## Chains. Sub-Divisions.

Mountainous land 37 chs

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On account of impassable  
cañons it is impossible  
to extend the line south  
T<sub>1</sub> sec. 29 + 30

---

From the cor to sec. 4. 5.  
32 + 33 on N. vdy of Sp-  
as heretofore described  
I. m

S.  $0^{\circ} 2' E$ . T<sub>1</sub> sec. 4 + 5 -  
T<sub>2</sub>  $13^{\circ} 50' E$

Over rolling heavily timbered  
land.

36.00 Cañon 40 ft. deep, course  
S. E.

chains T. 19. N. R. 3 E. (Cont.)

- 40.00 Set a malpais. stone  $14 \times 12 \times 10$  ins. 9 ins. in the ground. For  $\frac{1}{4}$  sec. corner marked  $\frac{1}{4}$  on W. Face edge raised a mound of stone 2 ft. high - 3 ft. base along side from which a pine 18 in diam. true N.  $57^{\circ} 48' E.$  45 Ms. dist. marked  $\frac{1}{4}$  S. B. S.
- A pine 16 in diam. true N.  $68^{\circ} 33' W.$  162 Ms. dist. marked  $\frac{1}{4}$  S. B. S.
- 65.24 A pine 40 in diam. on line which I mark with 2 notches on N. + S. sides.
- 80.00 Set a malpais. stone  $12 \times 12 \times 12$  ins. 8 ins. in the ground for cor to sec.

## Chains Subdivisions

4. 5. 8 + 9. marked with 5  
notches on S. and 4 notches  
on E edges. and raised  
a mound of stone 2 ft.  
high & 4 ft. base alongside  
From which.

A pine 30 in diam. Tr. N 69°  
E. 99 Ws. dist. marked.

T. 19. N. R. 3. E. S. 4. W. T.

A pine 30 in diam. Tr. S. 86°  
W. E. 75 Ws. dist. marked

T. 19. N. R. 3. E. S. 9. W. T.

A pine 34 in diam. Tr. S. 69°  
W. W. 140 Ws. dist. marked

T. 19. N. R. 3. E. S. 8. W. T.

A pine 30 in diam. Tr. N. 52°  
35' W. 172 Ws. dist. marked.

T. 19. N. R. 3. E. S. 5. W. T.

Land, rolling

Chain. T. 19. N. R. 3. E. (Cont.)

Soil, Tomy 3<sup>rd</sup> rate

Timber, pine & oak.

Heavily timbered land so cho.  
Oct. 13. 1894

N. 89° 57' W. on a random  
line. T. 19. S. 5<sup>th</sup> & 8.

Ta 13° 50' E.

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

79.90 Intersect N. & S. line 17.

W. N. of cor to secs. 5. 6.

7<sup>th</sup> & 8

Thence I run

N. 89° 56' E. on a true line

T. 19. S. 5<sup>th</sup> & 8.

Ta. 13° 50' E.

Over rolling heavily timbered  
land.

## chains. Subdivisions-

- 4.32 A. pine 10 in diam on line  
which I mark with 2 notches  
on E & W. sides.
- 39.90<sup>o</sup> Set a malpais. stone 16x14x  
10 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. Face. alongside  
From which.
- A pine 15 in diam. Trs. N 84<sup>o</sup>  
or W. 51<sup>o</sup> Ws. dist. marked  
 $\frac{1}{4}$  A. B. T.
- A pine 74 in diam. Trs. N 30<sup>o</sup>  
54<sup>o</sup> W. 88<sup>o</sup> Ws. dist. marked.  
 $\frac{1}{4}$  A. B. T.
- 44.17 A pine 70 in diam. on line  
which I mark with 2 notches  
on E + W. sides

Chains. T. 19. N. R. 3. E. (Cont.)

- 48.55 A pine 20 in diam. on line  
which I mark with 2 notches  
on E & W. sides.
- 55.80 Wash 5-ft. deep course of  
sand 100 ft.
- 60.00 Top ascertained descent 85 ft.
- 65.08 A pine 10 in diam on line  
which I mark with 2 notches  
on E + W. sides.
- 68.22 A pine 30 in diam. on line  
which I mark with 2 notches  
on E & W. sides.
- 71.00 Foot of descent, thence  
over rolling land.
- 74.07 A pine 30 in diam on line  
which I mark with 2 notches  
on E + W. sides.
- 79.90 The con to sec. 4, 5, 8 + 9.  
Land, rolling

## Chains. Subdivisions

Soil, Torry 4<sup>th</sup> rate  
 Timber, pine & Oak  
 Heavily timbered land. 79.90 chs.

---

S. 0° 2' E. For sec. 8 & 9.  
 To 13° 50' E.

Over rolling heavily timbered  
 land,

31.28 A pine 28 in diam on line  
 which I mark with 2 notches  
 on N & S. sides

40.00 Set a mark for Torry 20 x  
 14 x 14 ins. 15 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



chains. T 19 N. R 3. E. (Cont)

A pine 14 in diam. W. N 15°  
56' E. 73 Ws. dist. marked.

1/4 S. B. T.

A pine 18 in diam W. S. 50°  
29' W. 51 Ws. dist. marked

1/4 S. B. T.

49.00 Descend abruptly 50 ft. to

52.50 Foot of descent in top  
cañon course. E.

Note, from this point,  
Tule. Taus. and cabin  
near E. 10 chs. dist.

54.00 Ascend. 150 ft.

64.38 A pine 14 in diam on line  
which I mark with 2 notches  
on N. + S. sides.

65.00 Top. ascent, thence over  
rolling land.

68.77 A pine 8 in diam on line

## chains Subdivisions

which I mark with 2 notches  
on N + S. sides

80.00

Set a malpais. stone 18 1/4  
x 14 ins. 12 ins. in the  
ground for cor to sec-

8. 9. 16 + 17, marked with 4  
notches on S. + E. edges.

and raised a mound of  
stone 1 1/2 ft. high 2 ft  
base alongside, from which

A pine 10 in diam. br. N. 32°  
33' E. 57. Ws. dist. marked.

T 19. N. R. 3. E. S. 9. T. 3. J.

A pine 10 in diam. br. S. 73°  
04' E. 153 Ws. dist. marked.

T 19. N. R. 3. E. S. 16. T. 3. J.

A pine 36 in diam. br. S.  
47° 08' N. 17 Ws. dist. marked

T 19. N. R. 3. E. S. 17. T. 3. J.

Chain. T. 19. N. R. 3. E. (Cont.)

A pine 35 in diam. Trs. N.  $50^{\circ}$   
 S.  $66^{\circ}$  W 160 W. dist. marked.

T. 19. N. R. 3. E. S. 8 B. T.

Land, rolling

Soil, stony 4<sup>th</sup> rate.

Timber, pine & Oak.

Heavily timbered land so  
 cho.

S.  $89^{\circ}56'$  W. on a random  
 line bet. secs. 8 & 17

T. a  $13^{\circ}50'$  E.

40.00

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

80.09

Intersect N & S line 17 W. a.

S. of cor to secs. 7, 8, 17 & 18

Thence I run

S.  $89^{\circ}57'$  E on a true line

bet. secs. 8 & 17.

## Chains In divisions

Va 13° 50' E.

Over rolling heavily timbered  
land.

20.65 A pine 24 in diam. on line  
which I mark with 2 notches  
on E + W. sides

40.05 - Set a malpais stone  
18 x 12 x 10 ins. 12 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  
A pine 6 in diam. tr. S. 70°  
81' W. 43 ms. dist. marked  
 $\frac{1}{4}$  S. B. T.

An Oak 8 in diam. tr. S. 74°  
33' E. 36 ms. dist. marked  
 $\frac{1}{4}$  S. B. T.

Chassis. T<sub>19</sub> N. R. 3. E. (Cont.)

48.00 Wash, 6 ft. deep, Course  
N. E.

68.15 A pine six diam, on line  
which I mean with 2 notches  
on E & W. sides.

80.09 Thr cont to secs 8. 9. 16 & 17.  
Land, rolling  
Soil, stony 4<sup>th</sup> rate  
Timber, pine & oak  
Heavily timbered land.  
80.09. chs.

S 0° 2' E W. secs. 16 & 17.  
T a 13° 50' E

Over rolling heavily  
timbered land.

40.00 Set a sandstone 20 x 12 x  
10 ins. 15 ins. in the ground.

## chains Sub-divisions

For  $\frac{1}{4}$  Sec. cor marked  
 $\frac{1}{4}$  on W. Face and raised  
 a mound of stone 2 ft.  
 high 3 ft. base alongside  
 from which

A pine 28 in diam. Trs. N  $60^{\circ}$   
 $56'$  E. 49 Ms. dist. marked.

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

A pine 24 in diam. Trs. N  
 $81^{\circ}39'$  E. 94 Ms. dist. marked

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

60.38 A pine 20 in diam on line  
 which I mark with 2 notches  
 on N + S. sides

66.41 A pine 20 in diam. on line  
 which I mark with 2 notches  
 on N + S. sides

67.32 A pine 6 in diam on line  
 which I mark with 2 notches.

Chairs. T. 19. N. R. 3. E. (Cont.)

on N & S sides-

8000

Set a malpais. T. 12 x 12 x  
12 ins. 8 ins. in the  
ground for cor to sec.  
16. 17. 20 & 21. marked  
with 3 notches on S and  
4 notches on E. edges-  
and raised a mound of  
stone  $1\frac{1}{2}$  ft. high 2 ft.  
base along side from  
which.

A pine 6 in diam. W. N  
30° 30' E. 90 W. dist. marked

T. 19. N. R. 3. E. S. 16. 73. T.

An Oak 6 in diam. W. S. 71°  
15' E. 61 W. dist. marked

T. 19. N. R. 3. E. S. 21. 73. T.

A pine 8 in diam. W. S. 21°  
43' W. 62 W. dist. marked.

## chains. Subdivisions

T. 19. N. R. 3. E. S. 20 T. B. T.

A pine 6 in diam. Trs. N 88°  
W. 13 Ms. dist. marked.

T. 19. N. R. 3. E. S. 17. T. B. T.

Land, rolling

Soil, Tong 4<sup>th</sup> rate

Timber, pine &amp; Oak.

Heavily timbered land, 80 chs.

N. 89° 54' W on a random  
line Tr. secs. 17 & 20  
T a 13° 50' E.

40.00 Set temporary 1/4 sec. cor

79.96 Intersect N + S. line w/ Trs.

N of cor to secs. 17. 18. 19 &  
20.

Thence I run

S. 89° 54' E. on a true line



Strains T<sub>19</sub> N. R. 3. E. (Carr-)

Tr. sec. 17. Ed. 20

Va 13° 50' E.

Over rolling broken heavily  
timbered land.

70.75 A pine 24. in diam. on tree  
which I marked with 2 notches  
on E + W. sides

28.44 A pine 12 in diam on tree  
which I marked with 2 notches  
on E + W. sides

39.98 Set a malpais. stem 9 x 8 x  
8 ins. 6 ins. in the ground  
for 14 sec. cor marked  
14 on N face and raised  
a mound of stone 2 ft  
high 3 ft. base alongside  
from which

A pine 12 in diam. tr. N. 5°  
48' E. 37 ins. diam. marked

## Chains. Subdivisions

 $\frac{1}{4}$  S. B. T.A pine 14 in diam. W. S.  
18° 10' N 40 No. dist marked. $\frac{1}{4}$  S. B. T.52.05 A pine 12 in diam on line  
which I mark with 2 notches  
on E & W. sides.

72.00 Ascend 100 ft. to

79.96 The cor to secs. 16. 17. 20 &amp; 21

Land, rolling rd brown  
Soil, Tony 4<sup>th</sup> rate  
Timber, free juniper &  
oak.

Heavily timbered land 79.96 ch.

S 0° 2' E cor secs. 20 &amp; 21

Va 13° 50' E

Over mountains heavily

chains. T 19 N. R. 3. E. (Cont.)

toward land.

17.00 Descend. 500 ft.

37.71 A pine 12 in diam. on line  
which I mark with 2 notches  
on N + S sides.

40.00 Set a walpais. Stone  
16 x 14 x 10 ins. 11 ins. in  
the ground for  $\frac{1}{4}$  sec.  
Cor marked  $\frac{1}{4}$  on W.  
Face and raised a mound  
of stone 2 ft. high  
3 ft. base alongside  
from which

A pine 12 in diam. to N 73°  
32' E. 45 ins. dist. marked.

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

A pine 16 in diam. to N.  
84° 48' E. 43 ins. dist. marked

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

chain subdivisions

49.50 West. 4 ft. deep, course  
S. W.

Foot discur  
Ascend. 50 ft.

65.00 Top ascend, thence over  
rolling land.

72.62 A juniper 10 in diam on  
line which I mark with  
2 notches on N + S. sides.

80.00 Set a malpais. Turn  
16x12x9 ins. 11 ins. in the  
ground for cor to sec.  
20. 21. 28 + 29. marked  
with 2 notches on S. Ed  
4 notches on E. edge Ed  
raised a mound of Turn  
2 ft. high 3 ft. base  
alongside from which  
A juniper 10 in diam Tr. N

Chains. T19 N. R. 3. E. (Cont.)

54° 32' E. 79 Ms. dist. marked

T19 N. R. 3. E. S. 21 T. J.

A juniper 8 in diam. W. N. 5°  
30' E. 68 Ms. dist. marked

T19 N. R. 3. E. S. 21 T. J.

A juniper 24 in diam. W. S.  
94° W. 50 Ms. dist. marked.

T19 N. R. 3. E. S. 29 T. J.

A juniper 8 in diam. W. S.

130° 04' W. 66 Ms. dist. marked

T19 N. R. 3. E. S. 29 T. J.

Land, mountainous + rolling  
Soil, stony 4<sup>th</sup> rate

Timber, pine, Oak and  
juniper

Heavily timbered land 80 chs.

## Chains Sub-divisions

N.  $89^{\circ}54'$  W. on a random  
line bet secs. 20 + 29.

$\gamma$  a  $13^{\circ}50'$  E

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

80.17 Intersect N + S. line 14  
Mts. N of cor to secs. 19, 20  
29 and 30

Thence I run

East on a true line bet secs.  
20 and 29.

$\gamma$  a  $13^{\circ}50'$  E.

Over mountainous land,  
through dense undergrowth  
along trough N. base of  
cañon, 500 ft. deep.  
course S.  $85^{\circ}$  E.

7.00 Descend 200 ft. to.

11.00 Foot descent, in red  
ravine, course S.

chains. T<sub>19</sub> N-B 3. E. (Cont.)

- 22.73 Ascend 300 ft. to Top of aspen. Thence over frozen land.
- 30.82 A quiper 14 in diam. on line which I made with 2 notches on E + W. sides
- 40.08 Set a sandstone 10x10x6 ins. 6 ins. in the ground. For 1/4 sec. cor marked 1/4 on N. face ed raised a mound of stone 2 ft high 3 ft base alongside from which.  
A quiper 8 in diam. W. S 44° E 134 Ws. dist. marked.  
1/4 S. B. T.
- A quiper 10 in diam. W. S 12° E 88° W. 13 Ws. dist. marked.  
1/4 S. B. T.

## Chans. Subdivisions

51.28 Descend 500 ft into  
Cañon

68.93 Foot of descent in red.  
cañon, course S. W.  
Ascend 500 ft.

71.88 Top of ascent, on E. edge  
cañon

80.17 Trm. cor to sec. 20. 21. 28 & 29  
Land, mountains - & trees  
Soil, strong 4<sup>th</sup> rate  
No timber, undergrowth,  
juniper & palodura  
Land, covered with dense  
undergrowth. 80.17 chs.

S 0° 2' E. Mt. sec. 28 & 29.  
Va 13° 50' E.

It is impossible to



Chains. T. 19. N. R. 3. E. (cont.)

extend this line farther  
I on account of impass-  
able Cañon at 1/4 chs.

---

From the cor to sec.  
3. 4. 33 + 34 on the N. side  
of. Sp. as shown by the  
described I run

S 0° 2' E. 1/4 sec. 3 + 4  
T a 13° 50' E.

Over rolling heavily timbered  
land.

4000 Set a malpais stone 14 x 12  
x 10 ins. 9 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

## Chains. Subdivisions

along side, from which  
 A pine 12 in diam. Trs. S.  
 $61^{\circ} 03' W.$  22 Ms. dist.  
 named  $\frac{1}{4}$  S. B. T.

A pine 16 in diam. Trs. N  
 $69^{\circ} 21' E$  43 Ms. dist. named  
 $\frac{1}{4}$  S. B. T.

80.00 Set a malpais stone  
 $12 \times 12 \times 12$  ins. 8 ins. in the  
 ground for cor to sec. 3.  
 4. 9 ed 10 marked with  
 5 notches on S ed 3 notches  
 on E edge and raised  
 a mound of stone 2 ft.  
 high 3 ft. base along-  
 side. From which.

An oak 6 in diam. Trs N  
 $55^{\circ} 47' E$ . 111 Ms. dist. named  
 $\frac{1}{4}$  S. B. T. 3. E. S. 3. B. T.

chains

T<sub>19</sub> N. P. 3. E. (cont-)

A pine 18 in diam. Trs. S. 35°  
28' E. 91 Mrs. dist. marked.

T<sub>19</sub> N. P. 3. E. S. 10 B. T.

A pine 20 in diam. Trs. S.  
35° 35' W. 83 Mrs. dist. marked.

T<sub>19</sub> N. P. 3. E. S. 9 B. T.

A pine 26 in diam. Trs. N. 30°  
29' W. 122 Mrs. dist. marked.

T<sub>19</sub> N. P. 3. E. S. 4 B. T.

Land, falling

Soil, stony 4<sup>th</sup> rate

Timber, fine 2d class

Heavily timbered land

80. chs.

N. 89° 57' W on a random line  
Trs. secs. 4 & 9.

Va 13° 50' E

chains. Subdivisions.

40.00 Set temporary  $\frac{1}{4}$  sec. cor.  
 80.14 Intersect N + S. line 15  
 hrs. N of cor. to secs. 4.  
 5. 8 + 9.

Thence Iron

N.  $89^{\circ} 57' E$  on a true line  
 bet. secs. 4 & 9.

Ta  $13^{\circ} 50' E$ .

Over rolling heavily timbered  
 land.

1.93 A pine 14 in diam. on line  
 which I mark with 2 notches  
 on E & W. sides

32.00 Descend 40 ft. to

40.07 A flat malpais. rock in  
 place which I mark  
 with a cross (+) at exact  
 cor. from  $\frac{1}{4}$  sec. cor  
 with  $\frac{1}{4}$  on N of cross.

chains. T. 19 N. - R. 3. E. (Cont.)

and raised a mound of stone  
2 ft. high 3 ft. base  
along side. From which  
A pine 36 in diam. Tr. N 16°  
54' E 47 Ms. dist. marked  
1/4 S. B. T.

A pine 30 in diam. Tr. S. 27°  
52' E. 82 Ms. dist. marked  
1/4 S. B. T.

4 0.83 West. 6 ft. deep. Course. S. 20°  
E.

Ascend 50 ft.

4 3.91 A pine 36 in diam on line  
which I mark with 2 matches  
on E & W. sides.

4 7.00 Top. ascent. Ed. descend  
60 ft. to

5 8.00 Foot. descend in bed of wast.  
Course. S. 25° E.

## Chains Subdivisions

- Ascend 50 ft. to  
 65.00 Top ascent; Thence over  
 rolling land to.  
 80.14 Th cor to sec. 3. 4. 9 & 10  
 Land, rolling & brown  
 Soil, very 3<sup>rd</sup> rate  
 Timber, pine & oak  
 Heavily timbered land 80.14  
 chs
- 

x  
 S 0° 2' E. 70. sec. 9 & 10  
 T a 13° 50' E.

Our town heavily timbered  
 land.

Descend. 300 ft.

- 5.67 A pine 12 in diam on tree  
 which I mark with 2  
 notches on N & S sides

Strains. T. 19. N. R. 3. E. (cont.)

13.00 Top of descent, in Red  
Canyon. E.

Ascend gradually 150 ft.

20.67 A pine 23 in diam. on line  
which I mark with 2 notches  
on N. Ed. S. sides

27.00 Top. ascent on ridge to  
E Ed W.

Descend. 50 ft. to.

34.45 N. Trise of Canyon 400 ft.  
deep, course E.

39.33 S. Trise of canyon, thence  
over rolling land.

40.00 A flat malpais rock in  
place which I mark with  
a cross (+) at exact cor. Point  
for 1/4 sec. cor. marked 1/4  
on N. of cross and raised  
a mound of stone 2 ft. high

Chains - Subdivisions

3 ft. base along side  
from which

A pine 12 in diam. Trs. S.  
39° 49' N. 58 Ms. Dist. named  
14 A. B. C.

A pine 14 in diam. Trs. S. 10°  
53' N. 62 Ms. Dist. named.  
14 A. B. C.

8000 Set a malpais. stone 15 x  
12 x 10 ins. 10 ins. in the  
ground for cor to sec.  
9. 10. 15 & 16. named with  
4 notches on A and 3  
notches on C edge and  
raised a mound of stone  
2 ft. high 3 ft. base  
along side, from which  
A pine 19 in diam. Trs.  
N. 73° 14' E. 95 Ms. Dist.



chains - T. 19. N. R. 3 E. (Cont.)

marked T. 19 N. R. 3. E. S. 10 B. T.

A pine 20 in diam. Trs. S.  $46^{\circ}$   
 $04' E$  122 Trs. dist. marked

T. 19. N. R. 3. E. S. 15. B. T.

A pine 21 in diam. Trs. S.  $71^{\circ}$   
 $16' W$  61 Trs. dist. marked

T. 19. N. R. 3. E. S. 16. B. T.

A. pine 20 in diam. Trs. N.  $62^{\circ}$   
 $25' W$  170 Trs. dist. marked.

T. 19. N. R. 3. E. S. 9 B. T.

Land, mountainous & rolling  
 Soil, Stony 1<sup>st</sup> rate.

Timber - pine & oak  
 Heavily timbered land. rocks.

S.  $89^{\circ} 57' W$  on a random line  
 Trs. sec. 9 E. 16  
 Trs.  $13^{\circ} 50' E$ .

## Chains Subdivisions

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

79.92 Intersect N + S line to  
 lsec. of cor to secs. 8, 9,  
 16 & 17.

Three true

S.  $89^{\circ}57'$  E on a true line  
 bet. secs. 9 & 16

Ta  $13^{\circ}55'$  E.

Over rolling heavily timbered  
 land.

14.90 A pine 18 in diam. on line  
 which I mark with 2 notches  
 on E + W. sides.

38.93 A pine 48 in. diam. on line  
 which I mark with 2 notches  
 on E. & W. sides.

39.96 Set a malpais stone  
 15 x 10 x 10 ins. 10 ins. in  
 the ground for  $\frac{1}{4}$  sec. cor

Chain. T. 19. N. R. 3 E. (Cont.)

marked 14 on N. Face Ed  
 raised a mound of stone  
 2 ft. high 3 ft. base  
 alongside, from which  
 An ear 12 in diam. Tr. S.  
 $84^{\circ} 54' N.$  27. Ws. dist. marked  
 14 S. B. T.

A pine 14 in diam. Tr. N.  $32^{\circ}$   
 $31' E.$  22 Ws. dist. marked  
 14 S. B. T.

79.92 The cont. to secs. 9, 10, 15 + 16.

Land, rolling

Soil, stony 4<sup>th</sup> rate.

Timber, pine Ed base.

Heavily timbered land. 79.92 chs.

S.  $0^{\circ} 2' E.$  Tr. sec 15 Ed 16  
 Va  $13^{\circ} 50' E.$

## Chains. Sub-divisions

Over rolling heavily timbered  
land.

4000 Set a malpais stone  
24 x 12 x 12 ins. 18 ins. in  
the ground for  $\frac{1}{4}$  sec. com-  
manded  $\frac{1}{4}$  on N Face end,  
raised a mound of stone  
2 ft. high 3 ft. base  
alongside, from which  
A. fine 12 in diam. to N.  
35° 16' W. 58 Ms. dist. marked.  
 $\frac{1}{4}$  T. B. E.

A. fine 12 in diam. to N.  
29° 11' E. 47 Ms. dist. marked.  
 $\frac{1}{4}$  T. B. E.

Ascend 50 ft. to

8000 Set a malpais stone 20 x  
14 x 10 ins. 5 ins. in the  
ground for cor to sec-

Chavis. T 19. N. R. 3. E. (Cont)

15. 16. 21 Ed 22. Manned with  
3 notches on Sand E.  
edges and raised mound  
of stone 2 ft. high 3 ft.  
base alongside. From  
which.

A quiper 16 in diam. Trs. N.  
 $67^{\circ} 55'$  E. 22 Mrs. dist. manned.  
T. 19. N. R. 3. E. S. 15. B. T.

A quiper 10 in diam. Trs. S.  $43^{\circ}$   
 $56'$  E. 70 Mrs. dist. manned.

T. 19. N. R. 3. E. S. 22. B. T.

A pine 16 in diam. Trs. S.  $14^{\circ}$   
 $49'$  E. 122. Mrs. dist. manned  
T. 19. N. R. 3. E. S. 22. B. T.

A pine 28 in diam. Trs. N.  $71^{\circ}$   
 $28'$  W. 65 Mrs. dist. manned.  
T. 19. N. R. 3. E. S. 16. B. T.

Sand, rolling

## Chains. Subdivisions

Soil, Tong 4<sup>th</sup> rate.  
 Timber, pine, base of juniper  
 Heavily timbered land, so chs.

---

N. 89° 54' W on a random line  
 bet. secs. 16 & 21.  
 Ta 13° 55' E.

40.00 Set. Temporary 1/4 sec. cor.  
 80.15 Intersect. N. 2<sup>d</sup> A. line 20  
 W. of cor. to secs. 16.  
 17. 20 & 21.

Thence I run.

N. 89° 57' E. on a true line  
 bet. secs. 16 & 21  
 Ta 13° 50' E

Over rolling heavily timbered  
 land.

30.56 A. Pine 14 in diam on true

chains

## T. 19. N. R. 3. E. (Cont.)

which I mark with 2 notches  
on E + W. sides.

40.07

Set a malpais stone 14 x 12 x 6  
ins. 9 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 10 in diam. trs. S. 60°  
58' W. 14 Ms. dist. marked.  
1/4 S. B. T.

A pine 8 in diam. trs. N 10°  
14' W. 25 Ms. dist. marked.  
1/4 S. B. T.

41.13

A pine 10 in diam. on line  
which I mark with 2 notches  
on E + W. sides.

52.80

A pine 10 in diam. on line

Chains. Subs. T. 19 N. R. 3 E. cont.

which I made with 2 notches  
on E + W. sides.

65.00 Descend 100 ft.

68.50 Foot. Discus in red  
wash course. N.

Ascend 30 ft. to

80.15 The cor to sec. 15, 16, 21 + 22

Land, rolling

Soil, stony 4<sup>th</sup> rate.

Timber, fine, oak & juniper.

Heavily timbered land. 80.15-  
chs.

S. 0° 2' E. to sec. 21 & 22

to 13° 50' E.

Over broken land through  
dense undergrowth.

Ascend 100 ft. to.



concluded, Book 302.

BOOK 311