

BOOK 301

No 301

#

301

4-671

BOOK 301

FIELD NOTES

GENERAL LAND OFFICE.

Subdivision

Township 19. N. R. 2. E.

No 301

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(1-674.)

Township 19 N. R. 2 E.

BOOK 301

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Field Notes
of the survey of the
Subdivision Lines
of
Township No 19 North Range No 2 E
of the
Gila & Salt River Base & Meridian
in the
Territory of Arizona
as surveyed by
Francis W. Curry
U. S. Deputy Surveyor
Charles E. Perkins
Compassman & U. S. Deputy Surveyor
Under his contract No 31
Dated June 21. 1893

Survey commenced Oct. 19. 1894
Survey completed Oct. 23. 1894

Chains. ~~Sub~~-divisions.

Survey commenced Oct
19, 1894 with a W & L. E.
Gurley solar transit.

The only portion of this
township which can be
sub-divided is the N & E.

There is no N. T. dy established.

In accordance with ^{para on page 19} my
special instructions I
begin at the N. T. dy and
sub-divide from N to S.
and from E to W.

At the cor to sec. 12. 35-Ed
36 on the N. T. dy of Tp.
as herein before described
I verify the adjustments
of my instrument and
find them correct.

I set off $35^{\circ} 02'$ on the

Trains. T 19. N. R. 2. E.

Lat. arc. $10^{\circ} 05' S$ on the
 decl. arc. and determine
 a true meridian with
 the solar; the resulting
 mean Ta is $13^{\circ} 55' E$

Thence I run

$T_0 1' E$ for sec. 1 & 2

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

Over rolling heavily
 timbered land.

4000 Set a malpais stone $22 \times$
 12×12 ins. 18 ins. in the
 ground for $\frac{1}{4}$ sec. cor-
 manded $\frac{1}{4}$ on N face
 and raised a mound of
 stone 2 ft. high 3 ft.
 base alongside, from
 which.

A pine 40 in diam. W. N 90

Chains. Subdivisions

13' W. 19 Ms. dist. marked.

1/4 S. B. T.

A pine 12 in diam. W. N.

81° 33' E 97 Ms. dist. marked.

1/4 S. B. T.

66.00

W. asp. 3 ft. dup, course E

76.15

A pine 18 in diam. on line
which I mark with 2 notches
on N. & S. sides

80.00

Set a malpais stone 16 x 14
x 14 ins 11 ins in the ground.

For cor to sec. 1. 2. 11 Ed 12
marked with 5 notches on

S. and 1 notch on E edges.

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

A pine 40 in diam. W. N.

N. 21° 19' E 50 Ms. dist. marked

chains. T₁₉ N. R 2 E (Cont)

T₁₉ N. R 2 E S 1 B. T.
A pine 14 in diam. Ws. S. 47°
43' E. 17. Ws. dist. marked.

T₁₉ N. R 2 E S 12. B. T.
A pine 24 in diam. Ws. S. 73°
31' N. 130 Ws. dist. marked.

T₁₉ N. R 2 E S 11 B. T.
A pine 30 in diam. Ws. N. 48°
33' N. 63 Ws. dist. marked.

T₁₉ N. R 2 E S 2. B. T.
Land, rolling
Soil, stony 3rd rate.
Timber, pine & Oak.
Heavily timbered land 80 chs.

East on a random line for
secs 1 E/12
Ta. 13° 55' E.

Chains. Subdivisions.

40.00 Set temporary $\frac{1}{4}$ sec. cor.
 80.06 Intersect E. Eddy of Twp.
 14 W. N. of. cor to sec.
 1. 6. 7 Ed 12 as hereinbefore
 described.

Thence Iron

N. $89^{\circ}54'$ W on a true line
 W. sec. 1 Ed 12
 Ta $13^{\circ}55'$ E.

Over rolling, heavily timbered land.

Descend gradually 40 ft.

37.00 Foot of descent.

40.03 Set a mark stone 20
 x 14 x 12 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 $1\frac{1}{2}$ ft. high 3 ft

Main. T. 19. N. R. 2. E. (Cont)

Base along side, from
which.

A pine 16 in diam. Trs. S.
61° 20' E. 95 Mo. Dist. marked
1/4 A. B. T.

A. pine 50 in diam. Trs. N.
33° 14' W. 105 Mo. Dist. marked
1/4 A. B. T.

80.06 Trs cor to secs. 12. 11 E 12

Land, rolling
Soil, Tong 3rd rate
Timber, fine Ed Oak.
Heavily timbered land. 80.06 chs.

S 0° 1' E. Trs. secs. 11 E 12.
Ta 13° 55' E.

Over rolling heavily timbered
ed. land.

Chains. Sub-divisions

- 2.38 A pine 30 in diam on tree
which I marked with 2 notches
on N. & S. sides
- 29.68 A pine 8 in diam. on tree
which I marked with 2 notches
on N. & S. sides
- 40.00 Set a malpais stone 18 x
14 x 5 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, from which
A pine 8 in diam. to S 4°
57' W. 65 Ms. dist. marked
1/4 S. B. T.
- A pine 10 in diam. to N
12° 57' W. 69 Ms. dist. marked
1/4 S. B. T.

Chairs. *S. 19. N. R. 2. E. (Cont.)*

- 45.88 A. pine 10 in diam. on line which I mark with 2 notches on N. + S. sides.
- 46.76 A pine 8 in diam on line which I mark with 2 notches on N. + S. sides.
- 73.21 A pine 8 in diam. on line which I mark with 2 notches on N. + S. sides.
- 8000 Set a walpole stone 18 x 16 x 14 ins 12 ins in the ground for cor to sec. 11. 12 13 & 14 marked with 4 notches on S. and 1 notch on E. edges and raised a mound of stone 2 ft. high 3 ft. base along side, from which a pine 10 in diam. to N.

4
 chain Subdivisions
 01

18° 32' E. 174 No. dist. marked.

T. 19 N. R. 2. E. S. 12. B. T.

A juniper - 12 indian trs.

S. 30° 01' E. 104 No. dist. marked.

T. 19 N. R. 2. E. S. 13 B. T.

A pine 18 indian trs. S.

75° 28' W. 106 No. dist. marked.

T. 19. N. R. 2. E. S. 14. B. T.

A juniper - 10 indian. trs.

S. 65° 27' E. 82 No. dist. marked.

T. 19 N. R. 2. E. S. 13 B. T.

Land, rolling

Soil, stony 7th rate.

Timber, pine & oak.

Heavily timbered land 80 chs.

S. 89° 54' E on a random

line N. sec. 12 E. 13

chains. T. 19. N. R. 2. E. (cont.)

Ta 13° 55' E.

4000 Set temporary 1/4 sec. cor.
79.96 Intersect E. bdy of Sp-
19 W. S of cor. to sec-
7. 12. 13. Ed 10. as hereintofore
described

Thence I run

S. 89° 58' W. on a true line
bet sec. 12 Ed 13

Ta 13° 55' E.

Over rolling heavily
timbered land.

39.98 A malpais rock in place
4 x 3 x 2 ft. above ground
which I mark with a
cross (+) at each cor. point
for 1/4 sec. cor. with 1/4 on
W of cross. and raised
a mound of Tom 2 ft.

chains & subdivisions.

light 3 ft. base along
side of road which
A pine 30 in diam. Trs. N.
83° 39' W. 23 Ms. dist. marked
1/4 S. B. T.

A pine 14 in diam. Trs. N.
28° E. 9 Ms. dist. marked
1/4 S. B. T.

40.19 A pine 8 in. diam. on vine
which I mark with 2 notches
on E + W sides.

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

79.96 Trs. con to secs. 11. 12. 13 & 14.

Land, rolling

Soil, Stony 4" rate

Timber, pine & oak

Heavily timbered land 79.96 chs.

chains. T. 19. N. R. 2 E. (Cont.)

S 0° 1' E for sec. 13 E of 14
 Ta 13° 55' E.

Over rolling heavily timbered
 land.

14.00 A pine 24 in. diam. on line
 which I mark with 2 notches
 on N. + S. sides.

40.00 Set a malpais stone 12 x
 10 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 juniper 14 in diam. Ws.
 N. 50° 2' W. 55 Ws. dist. marked
 1/4 S. B. S.

A juniper 10 in diam. Ws.

Chains Subdivisions

S. $71^{\circ}11'E$ 37 Ms. dist. marked
 $\frac{1}{4}$ S. B. T.

Note At 6.12 chs. S.
 of this cor. the line
 intersects the W. bank
 of an impassable
 cañon 600 ft. deep, course
 S. therefore I discontinued
 the line at the $\frac{1}{4}$ sec. cor.

Land rolling

Soil, stony 3rd rate

Timber pine, oak & juniper

Heavily timbered land 40 chs.

October 19. 1894

Note. It is impossible
 to survey any of the lines
 of the remaining sections

Chains. T. 19 N. R. 2 E. (cont)

of this tier, on account
of impassable Cañons.

From the cor to sec. 2, 3,
34 & 35 on the N. Vdy of
Sp. as heretofore
described. S. run.

$70^{\circ} 1' E.$ bet. sec. 2 & 3
Va $13^{\circ} 55' E.$

Our men heavily timbered
land.

40.00 Set a malpais stone
 $18 \times 12 \times 12$ 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

Chairs. Subdivisions

A pine 30 in diam. Ws.
 N. $67^{\circ}19'$ W. 65 Ms. dist. marked
 1/4 S. B. T.

A pine 32 in diam. Ws.
 S. $71^{\circ}33'$ E. 52 Ms. dist. marked.
 1/4 S. B. T.

52.00 Descend 250 ft.

64.39 For descent in red
 cañon course S. 30° W
 Ascend 100 ft.

77.50 A pine 18 in diam. on line
 which I mark with 2 notches
 on N. + S. sides.

80.00 Set a sandstone $12 \times 12 \times$
 6 ins. - 8 ins. in the ground
 for cor to secs. 2, 3, 10 & 11.
 marked with 5 notches on S.
 and 2 notches on E. edges
 and raised a mound of

Chains. T. 19. N. R. 2. E. (Cont)

Tree 2 ft. high 3 ft. base
alongside, from which
A pine 27 in diam. Tr. S.
73° 56' E. 139 Ms. dist. wanted.

T. 19. N. R. 2. E. S. 11 B. T.
A pine 20 in diam. Tr. S.
7° 31' E. 45 Ms. dist. wanted

T. 19. N. R. 2. E. S. 11 B. T.
A pine 33 in diam. Tr. N.
82° 05' W. 78 Ms. dist. wanted.

T. 19. N. R. 2. E. S. 3 B. T.
A pine 12 in diam. Tr. N.
28° 05' W. 47 Ms. dist. wanted

T. 19. N. R. 2. E. S. 3 B. T.
Land, rolling & wooded
Soil, stony 4th rate
Timber, pine & oak.
Heavily timbered land so cho.

Chains. Sub-divisions.

East on a random
line bet secs. 2 Ed 11
Ta $13^{\circ} 55' E$.

4000 Set temporary $\frac{1}{4}$ sec. Cor.
80.16 Intersect N + S line
23 hrs. S of cor to secs.
1. 2. 11 Ed 12.

Thence down

S $89^{\circ} 50' W$ on a true line
bet secs. 2 Ed 11
Ta $13^{\circ} 55' E$.

Over rolling heavily
timbered land.

Ascend gradually 200 ft.

4.88 A pine 20 in diam. on line
which I mark with 2
notches on E + W sides.

15.26 A pine 10 in diam on line
which I mark with 2

Chairs. T. 19. N. R. 2 E. (Cont)

notches on E + W sides.

27.60 Top of ascent on road
ridge course N. 20° W.
and S 20° E

Descend. 100 ft.

36.81 A pine 20 in diam. on line
which I mark with 2
notches on E + W sides.

36.88 A pine 27 in diam. on line
which I mark with 2
notches on E + W sides.

38.28 A pine 28 in diam. on line
which I mark with 2
notches on E + W sides.

40.08 Set a sand tm 24 x 12
x 10 ins. 18 ins. in the
ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face
and raised a mound

chains. Sub-divisions

of Town 2 ft. high
3 ft. base along side
Town whist.

A pine 25 in diam. Trs.
N. $57^{\circ} 40' E$. 41 Trs. dist. marked
 $\frac{1}{4}$ S. B. T.

A pine 16 in diam. Trs.
S. $28^{\circ} 21' E$. 55 Trs. dist.
marked $\frac{1}{4}$ S. B. T.

41.00 Top of Discut, thence
over rolling land.

45.12 A pine 27 in diam. on line
which I mark with 2
notches on E & W sides.

57.43 A pine 12 in diam. on line
which I mark with 2
notches on E & W sides.

57.66 A pine 10 in diam. on line
which I mark with 2

chains. T. 19. N. R. 2. E. (Cont.)

notches on E & W sides.

64.80 A pine 12 in diam. on line
which I mark with 2
notches on E & W sides.

80.16 The cont to secs. 2, 3, 10 & 11

Land, rolling

Soil, stony 3rd rate

Timber, fine, Oak & juniper
Heavily timbered land. 80.16
chs.

T 0° 1' E. W. secs. 10 & 11
T a 13° 55' E.

Over broken mountains.
heavily timbered land.

Ascend 250 ft.

15.50 A pine 10 in diam. on line
which I mark with 2

chains. Subdivisions

- notches on N. + S. sides.
- 21.00 Top of ascent,
Descend 200 ft.
- 34.44 A quipper 8 in diam. on
line. which I marked with 2
notches on N. + S. sides.
- 40.00 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.
Face alongside, from
which
- A quipper 30 in. diam. Trs.
N. $39^{\circ} 36'$ E. 46 Ms. dist. Marked
 $\frac{1}{4}$ S. B. T.
- A quipper 14 in diam Trs.
S. $29^{\circ} 03'$ E. 46 Ms. dist. Marked

Chains. T. 19. N-R. 2. E. (Cont.)

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

44.20 Foot. discuss, in 2nd
west, course. W.

Ascend 100 ft. to

58.00 Top of ascent, Thence
along broken E. slope
of mountain ridge
W. to S. E. of S.

68.00 Leave heavily timbered land

80.00 Set a malpais stone 18x
16x12 ins. 12 ins. in the
ground for cor to sec.
10. 11. 14 Ed 15. marked
with 4 notches on S.
and 2 notches on E
edges. and raised a
mound of stone 2 ft.
high 3 ft. base along
side, from which

chains. Subdivisions

A juniper 8 in diam. Trs.
S. $88^{\circ}48'E$. 105 Ms. dist.

marked. T 19 N. R 26 E. S. 14 B. J.

A juniper 20 in diam Trs. S.
 $13^{\circ}02'E$. 137 Ms. dist. marked.

T 19 N. R 2. E. S. 14 B. J.

A juniper 18 in diam. Trs.
S. $20^{\circ}29'W$. 154 Ms. dist. marked.

T 19 N. R 2. E. S. 15 B. J.

A juniper 6 in diam. Trs.
N. $13^{\circ}14'W$. 127 Ms. dist. marked.

T 19 N. R 2. E. S. 10 B. J.

Land, mountainous & broken
Soil, Torry 4th rate

Timber, fine, juniper and
Oak

Mountainous or heavily
timbered land 68 chs.

Chains. T19 N. R2 E. (Cont.)

N. $89^{\circ}50'$ E on a random
line bet. secs. 11 & 14
Va $13^{\circ}55'$ E.

40.00 Set temporary $\frac{1}{4}$ sec. cor
80.10 Intersect N & S. line 22
W. N. of cor to secs.
11. 12 13 & 14.

Three Iron

S. $89^{\circ}59'$ W on a true line
bet. secs. 11 & 14
Va $13^{\circ}55'$ E.

Our rolling heavily
toward land.

40.05 Set a malpais Tom 20x
12x10 ins. 15 ins. in the
ground for $\frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face
and raised a mound of
Tom 2 ft. high 3 ft.

Chains. Subdivisions.

Base alongside

From which

A juniper 14 in diam. Trs.

S. 67° 09' E 73 Ms. dist. marked

1/4 S. B. S.

A pine 24 in diam. Trs.

S. 81° 33' N. 16 Ms. dist. marked

1/4 S. B. S.

53.00 Ascend. 150 ft.

71.00 Top ascent, on mountain
ridge Trs. N. Ed S.

Descend. 250 ft to cor

Lean heavily timbered land.

80.10 Thr cor to secs. 10, 11, 14 & 15

Land, rolling & mountainous

Soil, 3rd rate

Timber, pine, juniper & Oak

Mountainous or heavily

timbered land. 80.10 Cha

Ch. Chain. T. 9. N. R. 2. E. (Cont.)

6. 100' E. 700 ft. Secs. 14 + 15
 Va 13° 55' E.
7. Over broken land, through
 scattering timber and
 undergrowth
 Descend 200 ft.
- 10.60 Foot. Descend, in red.
 ravine, course. W.
 Ascend 200 ft.
- 27.00 Top of ascent, ridge
 W. E + W.
- Descend 200 ft.
- 33.00 Foot. Descend, in red
 ravine, course. W.
 Ascend 400 ft.
- 40.00 See a sandstone 12 x 10 x
 8 ins. 8 ins. in the
 ground for 1/4 sec. cor.
 marked. 1/4 on W. Face and.

Chains. Subdivisions

Raised a mound of stone
2 ft. high 3 ft. base
along side, from which
A quiper - 12 in diam. Trs.
A. $19^{\circ}30' E$. 55 Ms. dist. marked

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

A quiper 40 in. diam. Trs.
A. $15^{\circ}28' E$. 29 Ms. dist. marked

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

47.00 Top ascent, on N. Top
of mountain ridge Trs.
A + S.

Descend 400 ft. to
8000 See a sandstone $12 \times 12 \times$
 12 ins. 8 ins. in the
ground for cor to sec.
14. 15. 22 & 23 marked
with 3 notches on S. and
2 notches on E. edges.

chains. T. 19. N. R. 2 E (Cont.)

and raised a mound of
 Tom 2 ft. high 3 ft.
 base alongside
 Pits. impracticable
 Land mountainous
 Soil, Tom 4th rate
 Timber, pine, Oak and
 juniper
 Mountainous land 80 chs.

Note. The line bet
 secs 22 and 23 intersects
 an impassable Cañon
 600 ft. deep, Course E.
 At. 20. 23 chs.

Note. The line bet secs
 14 & 23 intersects an impassable
 Cañon 700 ft. deep, Course S.

Chains. Subdivisions.

At 10.73 chs

Oct 20. 1894

From the cor to sec.
 3.4. 33 E of 34 on the N
 vdy of Sp. as before
 before described. True
 S. $0^{\circ} 2' 6''$ W sec. 3 E of
 T a $13^{\circ} 55' E$

Over frozen rolling heavily
 timbered land.

31.00 Descend 500 ft.

Lean heavily timbered land.

40.00 Set a malpais stone $16 \times$
 14×14 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.

chain. T. 19. N. R. 2 E. (Cont.)

Face along side

Pits. impracticable

46.00 Foot descent in bed
of Cañon Course S. W.
Ascend 400 ft. to.

68.00 Top of ascent on ridge
W. E + W.

Descend 100 ft. to.

80.00 Set a malpais. Stone
18 x 10 x 6 ins. 12 ins. in the
ground for cor to sec.
3. 4. 9. Ed 10. marked with
5 notches on S. and 3
notches on E. edges and
raised a mound of stone
2 ft. high 3 ft. face
along side, from which
A quipra 22 in diam. Tr.
S. 31° 16' W. 126 hrs. dist. marked

Chavis Subdivisions

T. 19. N. R. 2. E. S. 4. T. 3. J.

A piñon 20 in diam. Trs.
N. 21° 16' W. 260 Ms. dist. marked.

T. 19. N. R. 2. E. S. 4. T. 3. J.

A juniper 6 in diam. Trs. N.
55° 55' W. 218 Ms. dist. marked

T. 19. N. R. 2. E. S. 4. T. 3. J.

A piñon 6 in diam. Trs. S. 1°
26' W. 139 Ms. dist. marked.

T. 19. N. R. 2. E. S. 9. T. 3. J.

Land, mountains & trees

Soil, Stony 4th rate

Timber, fine juniper & Oak
Mountainous, or heavily
timbered land. 80 chs.

Exact on a random line

Tr. sec. 3 E. 10

Chains T. 19. N. R. 2. E. (Cont)

Ta 13° 55' E.

- 40.50 Set temporary 1/4 sec. cor
- 79.90 Intersect N & S line 25 Ms.
- St of cor to secs. 2. 3. 10 + 11
- Thence South
- N. 89° 49' W. on a true line
- bet. secs. 3 & 10

Ta 13° 55' E

Over some mountainous
heavily timbered land.
Descend 200 ft. to.

- 17.00 Foot descent, in red
ravine, course N.
- Ascend 150 ft. to.

- 28.00 Top of ascent, on ridge
Tos. N. E. S.

Descend 300 ft.

- 39.95 Set a sandstone 24 x 10 x 10
ins. - 18 ins. in the ground.

Chains. Subdivisions

For $\frac{1}{4}$ sec. cor marked
 $\frac{1}{4}$ on N. face and raised
 a mound of stone $1\frac{1}{2}$ ft.
 high 3 ft. base along side
 from which

A juniper 16 in diam. Trs.
 $N 0^{\circ} 31' E 22$ Ms. dist. marked.

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

A pine 33 in diam. Trs. S. 17°
 $34' E. 20$ Ms. dist. marked.

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

45.00 Foot descent, in red
 cañon, course S.

Lean heavy timber, under
 dense undergrowth.

Ascend 400 ft.

59.20 A pine 20 in diam. on tree
 which I marked with 2
 notches on E + N. sides.

chains. T. 19. N. R. 2. E. (Cont.)

67.00 Top of ascent, on ridge
trs. St. Ed. S.

Descend 400 ft. to.

79.90 Tr. cor to secs. 3 4. 9 Ed 10

Land, mountainous

Soil, stony 3rd rate.

Timber, pine, juniper
and Oak, undergrowth of
juniper Ed Palo Duro

Mountains, heavily timbered
or land covered with dense
undergrowth. 79.90 chs.

T. 20. N. R. 2. E. Tr. secs. 9 Ed 10
T. 13. 55. E.

Over mountainous land
covered with dense
undergrowth.

Chains-Subdivisions.

Descend 400 ft.

23.00 Foot of descent, in bed
of cañon course. W.

Ascend 300 ft.

40.00 Set a malpais. Tom 18x

16 ins. 12 ins. in the
ground for 14 sec. cor
marked 14 on W. Face and

raised a mound of Tom
2 ft. high 3 ft. base
along side

Pits- impracticable

56.81 Top of ascent on ridge
Course W.

Descend 50 ft.

50.00 Set a malpais. Tom

18x10x6 ins. 12 ins. in
the ground from cor
to secs. 9. 10. 15 Ed 16

drains- T. 19. N. R. 2. E. (Cont.)

marked with 4 notches
on S. and 3 notches on
E. edges. and raised a
mound of stone 2 ft.
high 3 ft. base alongside
fence which.

A juniper 30 in diam. Trs.
S. 62° 18' E. 165 Ws. Dist. marked

T. 19. N. R. 2. E. S. 10. T. 3. T.

A cedar 6 in diam. Trs.
S. 42° 19' E. 42 Ws. dist. marked

T. 19. N. R. 2. E. S. 15. T. 3. T.

A cedar 12 in diam. Trs. S.
21° N. 105 Ws. dist. marked

T. 19. N. R. 2. E. S. 16. T. 3. T.

A pine 12 in diam. Trs. N.
37° 29' N. 55 Ws. dist. marked

T. 19. N. R. 2. E. S. 9. T. 3. T.

Land, mountainous

chains. Subdivisions

Soil, stony $4\frac{1}{2}$ rate
 No timber, cedar, fir
 and *paloduro* undergrowth.
 Land ^{mountainous} *Connd* with dense
 undergrowth. 80. chs

$S. 89^{\circ}49'E$ on a random
 line bet secs. 10 & 15
 $Ta 13^{\circ}55'E$.

4000 Sep temporary $1/4$ sec. cor
 79.86 Intersect N + S. line
 26 Ws. Sap cor to secs
 10. 11. 14 & 15.

Thru Iron
 West on a true line
 bet secs. 10 & 15
 $Ta 13^{\circ}55'E$.
 Over mountainous land

chains. T. 19. N. R. 2. E. (Cont.)

covered with June undergrowth
Descend 600 ft.

39.93 A malpais rock in place
4 x 4 x 3 ft. above ground
which I mark with a
cross (+) at exact cor-
ner for 1/4 sec. cor. with
1/4 on N of cross, and
raised a mound of
stone 2 ft. high 3 ft.
wide alongside
Pits impracticable

61.00 Foot descent,
Ascend 50 ft

64.16 Top ascent
Descend 40 ft.

79.00 Foot descent

79.86 The cor to secs. 9, 10, 15 & 16
Land mountains

Chaus. Subdivisions.

Soil, stony 4th rate.
 No timber undergrowth
 of. p-also saw Ed Cedar
 Mountains land. 79.86 Chs.
 October 21. 1894

S 0° 2' E. 70 ft. over 16 Ed 16
 Va 13° 55' E.

Over broken, rolling land,
 through scattering brush.
 Descend 50 ft.

7.35 Foot. ascent, in 1/2
 way, course. W.

Ascend 100 ft.

27.00 Top. ascent, thence over
 rolling land.

40.00 Set a mark. stone 12 x
 10 x 8 ins. 8 ins. in the

Chaus. T. 19. N. R. 2. E. (cont.)

ground for 14 sec. cor-
 maned 14 on W. face
 and raised a mound of
 stone 1 1/2 ft. high 2 ft.
 base alongside, from which
 Cedar 14 in. diam. Tr. S.
 65° W. 105 Tr. dist. maned.
 14 S. B. T.

Cedar 12 in. diam. Tr. S.
 73° 22' W 101 Tr. dist. maned.
 14 S. B. T.

8000 Set a volcanic stone
 12 x 12 x 12 ins. 8 ins. in
 the ground for cont. sec.
 15. 16. 21 Ed 22. maned with
 3 notches on S. and E
 edges and raised a mound
 of stone 1 1/2 ft. high
 3 ft. base alongside

chains. Subdivisions.

From which

A cedar 12 in diam. Trs.
 N. $43^{\circ} 1'$ E. 130 No. dist. marked
 T. 19. N. R. 2. E. S. 15 B. T.

A quipper 12 in diam. Trs.
 S. $15^{\circ} 39'$ E. 163 No. dist. marked
 T. 19. N. R. 2. E. S. 22. B. T.

A cedar 13 in diam. Trs. S.
 $62^{\circ} 11'$ W. 55 No. dist. marked.
 T. 19. N. R. 2. E. S. 21 B. T.

A cedar 8 in diam. Trs.
 N. $77^{\circ} 40'$ W. 24 No. dist. marked
 T. 19. N. R. 2. E. S. 16. B. T.

Land, rolling Ed. Trs. in
 Soil Torry 4th rate
 No timber, undergrowth
 of cedar Ed. quipper

Aravis. T. 19. N-R 2 E. (Cm.)

East on a random line
 Tr-sec. 15 Ed 22
 Va 13° 55' E.

40.00 Top temporary 1/4 sec. cor
 80.26 Intersect N+S line 21 Mo.
 Top cor to sec. 14. 15. 22 + 23
 Thru Iron

S. 89° 51' W on a true line
 Tr-sec. 15 Ed 22.
 Va 13° 55' E

Our mountainous land
 through scattering under
 growth.

Descend 600 ft.

34.12 Foot Descend, in red
 cañon, course S. 20° E.
 Ascend. 200 ft.

40.13 In a malpais. Torn
 16 x 12 x 10 ins. 11 ins. in the

Chains. Sub-divisions.

ground $70 - \frac{1}{4}$ sec. cor
marked $\frac{1}{4}$ on N. face
and raised a mound
of $100 - 1\frac{1}{2}$ ft. high
3 ft. base along side
From which

A cedar 12 in diam. Trs.
N. $27^{\circ} 03' W.$ 58 No. dist. marked.
 $\frac{1}{4}$ S. B. T.

A cedar 12 in diam. Trs. N.
 $79^{\circ} 30' W.$ 52 No. dist. marked.
 $\frac{1}{4}$ S. B. T.

52.67 A cedar 12 in diam. on tree
which I mark with 2
notches on E + W. sides.

80.26 Top of ascent

In cor. to sec. 15. 16. 21 & 22
Land, mountainous.
Soil, 4^{th} rate.

chains. T. 19. N. R. 2. E. (Cont)

No timber undergrowth
of cedar
Mountains. Taid. 80.26 chs.

Note. The line for sec
21 Ed 22, at 21.42 chs -
intersects an impassable
cañon 700 ft. deep, course
S; therefore I discontinue
this line at the cor
& sec. 15. 16. 21 Ed 22

Oct. 22. 1894

Note. It is impossible
to survey remaining
meridional sec lines -
on account of the deep.

chains. Subdivisions-

and rocky cañons.
 From the cor to sec-
 15. 16. 21 Ed 22 I. run
 West. br sec. 16 Ed 21
 Ta $13^{\circ}55' E$

Over rolling land, through
 scattering undergrowth.

4000 Set a sandstone $16 \times 8 \times 4$
 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
 $1\frac{1}{2}$ ft. high 3 ft. base
 along side, from which
 Acacia 12 ins. diam. br. N.
 $55^{\circ}16' E$ 116 No. dist. marked.
 $\frac{1}{4}$ A. B. T.

A quimper 16 in. diam. br.
 S. $36^{\circ}30' N$. 147 No. dist.

chains. T₁₉ N. B. 2. E. (cont.)

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

61.00 Descend 500 ft. To.

8000 Set a limestone 20x12x10
ins. 15 ins. in the ground
for cor to secs. 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 3 ft.

base alongside

Pits. impracticable

Land, rolling & mountains.

Soil, stony $4\frac{1}{2}$ rate

No timber, undergrowth of
cedar & juniper.

Mountains. land 19 chs.

52
 Chavis. Subdivisions

Note. The line bet. secs. 17 & 20 at 18 chs. intersects an impassable cañon 500 ft. deep. Course S. W. I discontinue this line at the cor. to secs. 16, 17, 20 & 21

Note The line bet. secs. 20 & 21, at 11 chs. intersects an impassable cañon, 400 ft. deep. Course W. I discontinue the line at the cor. to secs. 16, 17, 20 & 21

Octbr 23. 1894

chains.

T. 19. N. R. 2. E. (cont)

General Description

The southern and western parts of this township are cut in different directions by deep impassable cañons - which render these parts absolutely unsurveyable.

The only timber in the township is in secs. 1. 2. 3. 11 & 12.

There is no permanent water and but little grass in any part.

Charles E. Perkins
Compassman ^{and}
U.S. Deputy Surveyor

U. S. Surveyor-General's Office,

TUCSON, A. T., July 13, 1895.

The foregoing Field Notes of the Surveys of
 the Subdivisions of
 Fract^l. Tp 19 N. R. 2 E.

Gila and Salt River Meridian
 in Arizona executed by
F. W. Oury

U. S. Deputy Surveyor, under his contract dated

June 21st 1893.

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Leo H. Manning

U. S. Surveyor-General
 for the Territory of Arizona.

Final Oath of Assistants.

We hereby certify that we assisted

Charles E. Perkins U. S. Deputy Surveyor, in surveying all those parts or portions of the Extremities + subdivisions lines of T. 24 N. R. 6 E. Tps. 22 & 23 N. R. 7 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of ~~my~~ knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Joseph Brown Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

Sworn to and subscribed before me, this 25

day of July 27, 1894

Charles E. Perkins Notary Public.

U.S. Deputy Surveyor

[SEAL.]

List of Names.

A List of the Names of the Individuals
 employed by *Charles E Perkins*
 U. S. Deputy Surveyor, to assist in running, meas-
 uring and marking the lines and corners described
 in the foregoing Field Notes of the survey of the
lines specified in
Contract No 131

of the Gila and Salt River Base and Meridian, in
 the Territory of Arizona, showing the respective
 capacities in which they acted.

Joseph Brown Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

Final Oath of Assistants.

~~I~~ ^{We} ~~we~~ hereby certify that ~~we~~ ^I ~~we~~ assisted

Charles E Perkins U. S. Deputy Surveyor, in surveying all those parts or portions of the ~~exterior~~ and subdivision lines of Tps. 23 N R 7 E + Tps 25 N R 56 & 7 E and retracement of the 6th St. Par N through R. 3. 4. 5. 6. & 7 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of ~~our~~ ^{my} knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Chas M Lean Chainman.

Burt H. [unclear] Chainman.

Chainman.

Axeman.

Axeman.

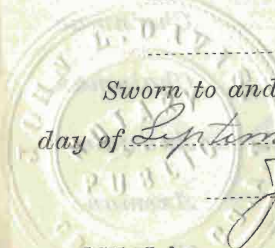
Flagman.

Sworn to and subscribed before me, this 24th day of September, 1894

J. L. Davis Notary Public.

[SEAL.]

Sworn to before me



List of Names.



*A List of the Names of the Individuals
employed by*

*U. S. Deputy Surveyor, to assist in running, meas-
uring and marking the lines and corners described
in the foregoing Field Notes of the survey of the*

.....
.....
.....
.....
.....
.....

*of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, showing the respective
capacities in which they acted.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Chainman.*

..... *Axeman.*

..... *Axeman.*

..... *Flagman.*



Final Oath of Assistants.

I hereby certify that we assisted

Charles E. Perkins U. S. Deputy Surveyor, in
surveying all those parts or portions of the Exterior
and subdivision lines of Twp.
2s. N. R. 2. E

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, as are represented in the
foregoing field notes as having been surveyed by him
and under his direction; and that said Survey has
been in all respects, to the best of our knowledge
and belief, well and faithfully surveyed, and the
corner monuments established according to the
instructions furnished by the United States Surveyor
General for Arizona.

Michael Kinney Chainman.

^{his mark} Roberto Hood Chainman.

W. R. Brown Chainman.

Watson his mark Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

Sworn to and subscribed before me, this 6th
day of October, 1894.

Charles E. Perkins
U. S. Deputy Surveyor Notary Public.

[SEAL.]

Final Oath of Assistants.

BOOK 301

We hereby certify that we assisted

Charles E. Perkins U. S. Deputy Surveyor, in
surveying all those parts or portions of the exterior
and subdivision lines of Tps
25 N R 6 & 7 E, Tps 19 N R 3 E, &
20 N R 2, 3 & 4 E

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, as are represented in the
foregoing field notes as having been surveyed by him
and under his direction; and that said Survey has
been in all respects, to the best of our knowledge
and belief, well and faithfully surveyed, and the
corner monuments established according to the
instructions furnished by the United States Surveyor
General for Arizona.

Wm. Adams Chainman.

Williams E. Wise Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

Sworn to and subscribed before me, this 24
day of October, 1894.

Charles E. Perkins
U. S. Deputy Surveyor
Notary Public.

[SEAL.]

64 pp 62-63 plant

Final Oath of Assistants.

~~I~~ ^{eye} hereby certify that ~~we~~ ^{we} assisted

Charles E. Perkins U. S. Deputy Surveyor, in surveying all those parts or portions of the ~~exterior~~ and subdivision lines of T^{ps} 25 N R^s 6 + 7 E., T^{ps} 19 N R^s 2 + 3 E., T^{ps} 20 N R^s 2, 3 + 4 E. T^{ps} 21 N R^s 3 E., or such portions as are designated respectively to each of us of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of ~~our~~ ^{our} knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

..... Chainman.

..... Chainman.

..... Chainman.

..... Chainman.

C. D. Conly Axeman.

..... Axeman.

Antonio Machado Flagman.

Sworn to and subscribed before me, this 12th day of

Nov. 1894

John L. Davis
Notary Public.

[SEAL.]

Final Oath of Assistants.

66

I hereby certify that I assisted

Charles E. Perkins U. S. Deputy Surveyor, in surveying all those parts or portions of the Meridian Standard, Exterior and Subdivision lines of Tps 19 N Rs 24 3 E Tps 20 N R 23 4 E, Tps 22 N R 14 7 E, Tps 23 N Rs 1, 5, 7 E, Tps 24 N Rs 1 E 1 X and R 5 6 E Tps 25 N Rs 1, 2, 3, 4 7 N, and 12, 3, 4, 5, 6, 7 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Roberto Wood Chainman.

Chainman.

Chainman.

Chainman.

Axeman.

Axeman.

Flagman.

Sworn to and subscribed before me, this 3rd

day of December, 1894

Esteban Ochoa

Notary Public.



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Final Oath of Assistants.

We hereby certify that we assisted

Charles E. Perkins U. S. Deputy Surveyor, in surveying all those parts or portions of the exterior and subdivision lines of Tps 25 N Rs 5, 6, 7 E Tps 19 N Rs 2, 3 E, Twp 20 N Rs 2, 3, 4 E and Tps 21 N R 3 E also the retracement of the Sixth Standard North through Rs 3, 4, 5, 6, 7 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of ~~our~~ knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

John Wood Chainman.

..... Chainman.

..... Chainman.

..... Chainman.

..... Axeman.

..... Axeman.

..... Flagman.

Sworn to and subscribed before me, this 12th day of Nov., 1894

John L. Davis
Notary Public.

[SEAL.]

BOOK 301

Final Oath of U. S. Deputy Surveyor

I, Charles E. Perkins Compassman

U. S. Deputy Surveyor, do solemnly swear that in pursuance of a contract received from ~~Ray~~ A. Levi N. Manning Johnson, United States Surveyor-General for Arizona, bearing date of the twenty first day of

June 1893., I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts

or portions of the lines necessary to complete the survey of T^s 19^{and} 20 N. R^s 2^{and} 3 E. T^s 20 N. R^s 4 E.; T^s 21 N. R^s 3 E.; T^s 22 N. R^s 1, 4^{and} 7 E.; T^s 23 N. R^s 1, 5^{and} 7 E.; T^s 24 N. R^s 5^{and} 6 E.; T^s 25 N. R^s 5, 6, ^{and} 7 E. ^{and} 3^{and} 4 W. of the Gila and Salt River Base and Meridians; also the G. and S. R. Principal Meridian through T. 24 N.; and the Sixth Standard Parallel N. through R^s 1, 2, 3, 4, 5, 6^{and} 7 E. ^{and} 1, 2, 3, ^{and} 4 W. as per special instructions

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing Field Notes as having been surveyed by me and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific

vision of Arizona Territory as are represented
 the foregoing field notes as having been
 arranged by him and under his direction
 and that said survey has been in all
 respects, to the best of our knowledge and
 belief, well and faithfully surveyed, and
 corner monuments established, accord-
 ing to the instructions furnished by the

United States Surveyor General for the Territory
 Arizona
 Thomas S. Evans

E. 25 N. R. 34 E. 41 S. 22 N. R. 1. 4 + 7 E. S. 23 N. R. 1. 5 + 6 E.
 Twp. 14 N. R. 34 E. S. 23 N. R. 1. 4 + 7 E. S. 23 N. R. 1. 5 + 6 E.
 Par. 11. 12. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20.

1813
 1814
 1815

1816
 1817

1818
 1819

X

Secretary of Virginia
County of Albemarle JSS

We hereby certify that we assisted

Charles C Perkins,

United States Deputy Surveyor

in surveying all those parts or portions

of the line, specified in Contract No 31,

of the job and West River Base and



the 2d day of August AD 1892

Attest
Notary Public

Chamman

Cardinal ^{his} Castillo Chamman

Jos ^{his} ~~Castillo~~ ^{work} ~~Castillo~~ Stagnan

Witness to marks of the affiant and each and
all of them

R S D a S G
E W A S G

I hereby certify that the foregoing affidavits
were subscribed by the affiant ~~Stagnan~~ ~~Chamman~~
Andrew Castillo, and Jos ~~Castillo~~ ~~Castillo~~ before me,
and sworn to by each of them for his or her

and understanding; and that said our
very has been in all respects, & the best of my
knowledge and belief, well and faithfully
~~executed~~, and the correspondence set
apart according to the instructions furnished
by the U.S. Surgeon General for the Territory of Arizona
A. West, Auctioneer & Chairman

Subscribed and sworn to before me this 25th day of
August 1894
Charles C. Perkins, U.S. Deputy Surgeon

I hereby certify that I assisted
Charles B. Perkins U.S. Deputy Surveyor
in surveying all those parts or por-
tions of the township and subdivisions
lines of Twp 22 and 23 N. R. 78, and of
Twp 25 N. R. 58, also the Sixth Standard
Parallel North through Ranges 3, 4, 5, & 6 E
of the Gila and Salt River Base and
Meridian Territory of Arizona, as
are represented in the foregoing
field notes of

been in all respects, to the best of
my knowledge and belief, well and
faithfully arranged, and the corner
monument established according to the
instructions furnished by the
United States Surveyor General for the
Territory of Arizona

J. W. Wood, Chairman
T. 25 N. 37 W. 22 N. R. 41 E. 7 23 1/2
4 x 1/2 1/2 M. Thompson T. 24 N. 20 W. 12 23 1/2
R. 1 2 3 4 5-6 x 7 E. 12 24 N. 20 W. 12 23 1/2
Stand Bar. Thompson Co. 1. 2. 3. 4 5 W. x

Subscribed and sworn to before me this 25 day of August
1894 Charles E. Perkins U.S. Deputy Surveyor

✓

I hereby certify that I assisted

Charles E. Perkins M.S. Deputy Surveyor in

surveying all those parts or portions of the

Mendocino, Standard Township and Subdivi-

ionsal lines, of the Gila and Salt River

Base and Mendocino of the Territory of

Arizona, as are represented in the

foregoing field notes as having been

surveyed by him and under his

direction, and that said survey has

said among has been in all respects, & the
best of my knowledge and belief, well and
faithfully surveyed, and the corner monuments
established, according to the instructions fur-
nished by the U.S. Surveyor General for Oregon

John Wood
Surveyor

Subscribed and sworn to before me this
twenty ninth day of August 1894

Charles G. Perkins

U.S. Deputy Surveyor

I hereby certify that I assisted Charles Perkins
US Deputy Surveyor in surveying all those
parts or portions of the subdivisions of
Twp 23 N. R. 7 E.; of the exterior and subdivisions
of Twp 25 N. R. 5-7 E. and of the 6th Standard
Parallels North through R. 3. 4. 5. 6. 7 E. of the
Tula and Salt River Basins and Meridian. Etc.
of Arizona, as are represented in the
foregoing field notes as having been surveyed
by him and under his direction; and that

has been in all respects, to the best of my
knowledge and belief, well and faithfully
arranged, and the corner monuments established
according to the instructions furnished by
the US Surveyor General, for Colonel
Shreve & J. B. Wells
Wabash - ~~Wabash~~ Wood.
The above and above's wife and this with
day of September 1894

Charles E. Perkins

US. Deputy Surveyor

I hereby certify that I assisted Charles S Perkins
U.S. Deputy Surveyor, in surveying all those parts
or portions of the exterior, and subdivisions
line in Tps 23 N R 7 E. Tps 25 N R - 5 & 6 E
and the 6th Standard Parcel North through
ranges 3, 4, 5 and 6 E of the 2^d and 3^d Ranges
Base and Meridian Territory of Arizona,
as are represented in the foregoing field notes
as having been surveyed by him and
under his direction, and that said survey