

SUBDIVISIONS

T. 19, N., R. 6, E.

Caudle.

BOOK 314

No 314

4-978

BOOK 314

314

FIELD NOTES  
GENERAL LAND OFFICE.

No-314

No. 314

Field Notes  
of the Survey of the  
Subdivision lines  
of  
Tp 19 N, R. 6 E. (frac<sup>l</sup>)  
of the  
Gila + Salt River Base + Mer.  
in the  
Territory of Arizona.  
as surveyed by  
Carl R. Candler,  
U. S. Deputy Surveyor.  
Under his Contract No. 67  
Dated May 22-1900.

Survey commenced Dec. 19-1900.

Survey completed Dec. 22-1900.

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Subdivisions

(4-674.)

Township 19 N<sub>1</sub> R. 6 East.

BOOK 314

6	10.	5	19.	4	3	2	1
9.		17.					
7	7.	8	15.	9	10	11	12
5.		13.					
18		17		16	15	14	13
19		20		21	22	23	24
30		29		28	27	26	25
31		32		33	34	35	36

Preliminary Oaths of Assistants.

24  
 We, Marvin Gaudle  
 and E. B. Hamilton  
 do solemnly swear that we will well and faithfully  
 execute the duties of Chain Carriers; that we will  
 level the chain upon even and uneven ground, and  
 plumb the tally pins, either by sticking or dropping  
 the same; that we will report the true distance to  
 all notable objects, and the true lengths of all lines  
 that we assist in measuring, to the best of our skill  
 and ability, and in accordance with instructions  
 given us, in the survey of the Subdivisions  
of T. 19 N. R. 6 E. and T. 8 N. R. 1 W.

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

Marvin Gaudle Chainman.

E. B. Hamilton Chainman.

..... Chainman.

..... Chainman.

Subscribed and sworn before me, this 19<sup>th</sup>

day of December 1891 1900,

Carl R. Gaudle

Notary Public.

[SEAL.]

U. S. Deputy Surveyor



We, *R. C. Jones* & *James R. Hance*  
and *G. S. Purtyman*

do solemnly swear that we will well and truly per-  
form the duties of *examiner and*  
*flagman*

in the establishment of corners and other duties,  
according to instructions given us, and to the best  
of our skill and ability, in the survey of the.....  
*Subdivisions of T. 19 N. R. 6 E.*  
*and T. 8 N. R. 1 W.*

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

*R. C. Jones*  
*James R. Hance*  
*G. S. Purtyman*

Subscribed and sworn to before me this *19<sup>th</sup>*

day of *December* 189*0* 1900,

*Carl R. Bauder*  
Notary Public.  
U. S. Deputy Surveyor.

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Subdivision of T. 19 N. R. 6 E.

BOOK 314

Survey commenced December 19,  
1900, and executed with a W. & L. E.  
Gurley light mountain transit  
with solar attachment and Jones  
Patent Latitude arc.

For complete description and  
test of instrument, see Book A  
of this series.

As the only agricultural land  
in the township possible to be  
surveyed is located in secs.  
5, 6, 7, & 8, I begin at the cor. of  
secs. 7, 12, 13 & 18, on the N. Bdy.  
which I established Dec. 15, 1900,  
and at 8 h. a. m., local, I set off  
 $23^{\circ}21'S$  on the decl. arc;  $34^{\circ}59\frac{1}{2}'N$   
on the lat. arc; and determine a  
true meridian with the solar  
Theuce Gun

Subdivision of T. 19 N. R. 6 E

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East,

on a true line bet. secs. 7 & 18.

Over Mts. land, through heavy Pine.

- 5.70 Head of Ravine course S.
- 15.50 Descend, bears N. 75.
- 21.00 Canyon 125 ft. deep, course S.
- 24.00 Top of E. side of canyon 125 ft. above bottom.
- 35.00 Ridge, bears N. 75.
- 45.00 Set a limestone 16 x 14 x 8 ins, 10 ins  
in the ground for  $\frac{1}{4}$  ac. cor., marked  
 $\frac{1}{4}$  on N. face; from which  
a Pine 40 ins. diam, bears N. 150° 30' E. 33 lbs.  
dist., marked  $\frac{1}{4}$  S. 7 B.T.
- a Pine 30 ins. diam, bears S. 43° 55' E. 20 lbs.  
dist., marked  $\frac{1}{2}$  S. 18 B.T.
- 60.00 Canyon, 100 ft, deep course S. E.
- 66.00 Canyon, 30 ft. deep course S.
- 80.00 Set a Limestone 18 x 10 x 8 ins, 12 ins.  
in the ground for cor. of sec. 7, 8, 17 &

Subdivision of T. 19 N. R. 6 E.  
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18. marked with 4 notches on S,  
and 5 notches on E. edge, from which  
a Pine 12 ins. diam, bears N.  $27^{\circ} 15' E$ . 100 lbs.  
dist, marked T. 19 N. R. 6 E. S. 8 B. T.

A Pine 16 ins. diam, bears S.  $54^{\circ} 5' E$ . 41 lbs.  
dist, marked T. 19 N. R. 6 E. S. 17 B. T.

A Pine 20 ins. diam, bears S.  $70^{\circ} 45' W$ . 7 lbs.  
dist, marked T. 19 N. R. 6 E. S. 18 B. T.

A Pine 12 ins. diam, bears N.  $19^{\circ} W$ . 60 lbs.  
dist, marked T. 19 N. R. 6 E. S. 7 B. T.

Land, Mt. & heavily timbered, 80000 lbs.

Soil, Stony, 11 lbs Rate.

Timber, Pine.

Sec. 19; at this cor. I set off  $23^{\circ} 24' 8''$  on  
the decl. arc, and at 11 h 57.5 am,  
lent, obs. the sun on the meridian;  
the resulting lat. is  $35^{\circ} 00'$   
which is about correct.



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Subdivision of T. 19 N. R. 6 E.  
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N.  $0^{\circ} 01' E$

bet. secs. 7 & 8,

Over Mts. land through heavy Pine

6.00 Canyon 60 ft. deep, course S. E.

8.50 Same Canyon, course S. W.

10.75 Same Canyon, course S. E.

24.50 Ravine, course W.

31.75 Ravine, soft. deep, course S. W.

40.00 Set a Malpais 18 x 14 x 4 ins., 12 ins.  
in the ground for  $\frac{1}{4}$  sec. cm.,

marked  $\frac{1}{4}$  on W. face; from which  
a Pine 14 ins. diam, bears S.  $65^{\circ} 15' E$ . 61 lks.  
dist., marked  $\frac{1}{4}$  S. 8 B.T.

A Pine 30 ins. diam, bears S.  $62^{\circ} 20' W$ . 129 lks.  
dist., marked  $\frac{1}{4}$  S. 7 B.T.

50.00 Ridge, about 250 ft. above Ravine, bears  
N. W. & S. E.

64.00 Foot descent of 50 ft., bears E. & W.

71.00 Ridge bears E. & W.

## Subdivision of T. 19 N. R. 6 E

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- 50,000 Set a Malapais 18x14x6 ins., 12  
ins. in the ground for cor. of sec.  
5, 6, 7, & 8, marked with 5 matches  
on S. & E. edges; from which
- A Pine 30 ins. diam, bears N 43° E, 182 lbs.  
dist., marked T. 19 N. R. 6 E. S. 5 B. T.
- A Pine 24 ins. diam., bears S. 78° 45' E. 91 lbs.  
dist., marked T. 19 N. R. 6 E. S. 8 B. T.
- A Pine 24 ins. diam., bears S. 19° 20' W 113 lbs.  
dist., marked T. 19 N. R. 6 E. S. 7 B. T.
- A Pine 30 ins. diam., bears N. 70° 05' W. 150 lbs.  
dist., marked T. 19 N. R. 6 E. S. 6 B. T.
- Land, Mts & heavily timbered 80,000 acs.  
Soil, stony, 4<sup>th</sup> Rate.  
Timber, Pine.

Dec. 19, 1900.

Subdivision of T. 19 N. R. 6 E.

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Dec. 20; at 8<sup>h</sup> am, last, I set off  
23° 22' S. on the decl. arc; 35° 00½' N.  
on the lat. arc; and determine a  
true meridian with the solar

Thence I run

West

on a random line bet. secs. 6 & 7.

40.00 Set temp ¼ sec. cor.

80.02 Intersect N. Bdy. of the T. 1 bk.  
N. of the cor. of secs. 16, 7, & 12, which  
I established Dec. 6<sup>th</sup>, 1900.

Thence I run

East

on a true line bet. secs. 6 & 7.

Over Mts. & heavily timbered land.

1.75 Descend, bears N. 75 E.

17.00 Foot descent of 150 ft. bears N. 75 E.

35.00 Ascend, bears N. 75 E.

40.01 Set a Malapa's 14 x 12 x 6 ins., 10

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ins. in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on N. face; from  
which a Pine 24 ins. diam., bears S.  $11^{\circ} 10' E$ .  
35 lbs. dist., marked  $\frac{1}{4} S. 7 B.T.$

An Oak 8 ins. diam., bears N.  $7^{\circ} 47' W. 52$   
lbs. dist., marked  $\frac{1}{4} S. 6 B.T.$

41.00 Ridge, bears N.  $22^{\circ} 45' E$ .

20.00 Foot of Ridge, bears N.  $22^{\circ} 45' E$ .

80.02 The cor. of secs 5, 6, 7, & 8.

Land, Mts. and nearly level.

Soil stony & black loam 2<sup>nd</sup> & 4<sup>th</sup> Rate.

Timber Pine.

Mts. or heavily timbered land.

80.02 Chs.

Note, - Clouds at noon prevents lat. obs.

N.  $0^{\circ} 01' E$ .

bet. secs. 5 & 6.

Over nearly level land through



Subdivision of T. 19 N. R. 6 E.

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- heavy Pine timber
- 11.63 From this point Matt Blakely's  
House bears N. 60° 15' W. &  
Barn bears N. 50° 40' W.
- 15.00 Log fence, bears N. 130° E. & S. W.
- 18.00 Low Ridge, bears N. W. & S. E.
- 21.67 From this point Matt Blakely's  
House bears S 67° 38' W. &  
Barn bears S 61° 36' W.
- 27.00 Ridge, bears N. W. & S. E.
- 40.00 Set a Malpais 12 x 10 x 6 ins, 8 ins.  
in the ground for  $\frac{1}{4}$  sec. cor, marked  
 $\frac{1}{4}$  on N. face; from which  
@ Pine 36 ins. diam., bears S. 50° 55' E. 74  
lks. dist., marked  $\frac{1}{4}$  S. 5 B.T.  
@ Pine 30 ins. diam., bears S. 68° W. 65  
lks. dist., marked  $\frac{1}{4}$  S. 6 B.T.
- 50.00 Leave timber bears N. W. & S. E.
- 53.96 Intersect N. Body. of the T.

Subdivision of T. 19 N. R. 6 E.  
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131 eko. W. of the cor. of sec. 5, 6,  
31 & 32, which I reestablished  
Dec. 18, 1900, I change the markings  
of this cor. to refer only to T. 20 N. R. 6 E.  
Set a Malapais 20x12x5 ins., 15  
ins. in the ground for closing cor.  
of sec. 5 & 6, marked C.C. on S.  
with 1 groove on W. & 5 grooves on E.  
faces; and raise a mound of stone  
2 ft. base, 1½ ft. high S. of cor.  
Pits impracticable  
Land, nearly level & Mts.  
Soil, sandy black loam & strong  
2nd & 4th Rate.  
Timber, Pine,  
Mts or heavily timbered land,  
53.96 eko.

Dec. 20, 1900.

Subdivision of T. 19 N. R. 6 E. <sup>13</sup>

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Sec. 21<sup>st</sup>, at s. h. cor. cont., set off  
 $23^{\circ}22\frac{1}{2}'$  S. on the decl. arc;  $34^{\circ}59\frac{1}{2}'$  N  
 on the lat. arc; and determine a  
 true meridian with the solar  
 at the cor. of secs 7, 8, 17, & 18.

Thence I run

East,

on a true line bet. secs. 8 & 17,

Over Potland through heavy Pine

3.00 Canyon 75 ft. deep, course S. E. around

23.00 Top ascent of 200 ft. bears NW & SE

30.00 Var.  $11^{\circ}45'$  E.

40.00 Set a Malapais  $14 \times 10 \times 4$  ins., 10  
 ins. in the ground for  $\frac{1}{4}$  sec.

cor., marked  $\frac{1}{4}$  on N. face, from which

A Pine 20 ins. diam., bears N. 57° W. 66<sup>2/3</sup>

dist., marked  $\frac{1}{4}$  S. 8 B.T.

A Pine 20 ins. diam., bears S.  $12^{\circ}45'$  W. 57

ths. dist., marked  $\frac{1}{4}$  S. 18 B.T.

## Subdivision of T. 19 N. R. 6 E.

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x3.00 Drain, Course SW.

50.00 Ridge, bears NW,  $45^{\circ} E$ .80.00 Set a Malapais 20x16x8 ins., 15  
ins. in the ground for cor. of sec.8, 9, 16, & 17, marked with  $\times$  notches  
on S. & E. edges; from whichAn Pine 30 ins. diam., bears N.  $45^{\circ} 40' E$ , 117  $\frac{1}{2}$   
dist., marked T. 19 N. R. 6 E. S. 9 B. T.An Oak 18 ins. diam., bears S  $45^{\circ} 10' E$ , 73  $\frac{1}{2}$   
dist., marked T. 19 N. R. 6 E. S. 16 B. T.An Oak 14 ins. diam., bears S  $42^{\circ} 56' W$ , 139  $\frac{1}{2}$   
dist., marked T. 19 N. R. 6 E. S. 17 B. T.An Oak 6 ins. diam., bears N.  $48^{\circ} 45' W$ , 38  $\frac{1}{2}$   
dist., marked T. 19 N. R. 6 E. S. 8 B. T.

Land. Mts, &amp; heavily timbered 8000 ch.

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

Timber, Pine.

Sec. 21<sup>st</sup>; at this cor. I set off  $23^{\circ} 25' S$ , on the decl.  
arc; and at 11<sup>th</sup> 58<sup>th</sup> man., but, also, the sun on the  
meridian; resulting lat. is  $34^{\circ} 59' 30''$



Subdivision of T. 19 N. R. 6 E. 15

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N. 0° 01' E.

bet. secs. 8 & 9.

Over Mts. land. through heavy Pine.

5.00 Ridge, bears N. 75° E.

17.00 Foot descent of 100ft. bears N. 75° E.

22.00 Spur, bears E. & W.

26.00 Drain, course S. E. as usual,

40.00 Set a Malapais 15 X 6 X 6 ins., 12 ins.

in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on W. face; from which

An Oak 12 ins. diam., bears N. 74° 50' E. 57 lks. dist., marked  $\frac{1}{4}$  S. 9 B. T.

A Pine 30 ins. diam., bears N. 170° 5' W. 33 lks. dist., marked  $\frac{1}{4}$  S. 8 B. T.

50.00 Ridge, bears N. 75° E. 200ft. above drain. Var. 16° 55' E.

56.50 Var. 12° 45' E.

63.00 Descent, bears E. & W.

80.00 Set a Malapais 12 X 10 X 8 ins., 8 ins. in

## Subdivision of T. 19 N. R. 6 E.

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the ground for cor. of sec. 4, 5, 8, & 9,  
 marked with 5 molates on S, & 4 molates  
 on E. edges; from which  
 A Pine 24 ins. diam., bears N.  $36^{\circ} 51' E$ . 144 lbs  
 dist., marked T. 19 N. R. 6 E. S. 4 B. T.  
 A Pine 30 ins. diam., bears S.  $57^{\circ} 30' E$ . 102 lbs  
 dist., marked T. 19 N. R. 6 E. S. 9 B. T.  
 A Pine 14 ins. diam., bears S.  $63^{\circ} 11' W$ . 166 lbs  
 dist., marked T. 19 N. R. 6 E. S. 8 B. T.  
 A Pine 24 ins. diam., bears N.  $54^{\circ} 25' W$ . 174 lbs  
 dist., marked T. 19 N. R. 6 E. S. 5 B. T.  
 Land. Mts & heavily timbered, 50000  
 Soil, stony, 4<sup>th</sup> Rate.  
 Timber, Pine.

Dec. 21, 1900.

Subdivision of T. 19 N. R. 6 E.

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Sec. 22; at 8<sup>h</sup> 20<sup>m</sup> a.m., Aust., I  
 set off  $23^{\circ}23'S$ , on the decl. arc;  
 $35^{\circ}00\frac{1}{2}' N$ . on the lat. arc; and  
 determine a true meridian  
 with the solar,

Thence I run

West

on a random line between 5 & 8.

4.00 Set temp.  $\frac{1}{2}$  sec. cor.

50.06 Intersect N. & S. line 1<sup>st</sup> bk. S. of the  
 cor. of secs. 5, 6, 7, & 8.

Thence I run

East

on a true line between 5 & 8.

Over nearly level land, through  
 heavy Pine timber.

8.00 Ascend, bears N. & S. E.

18.00 Low Ridge, bears N. & S.

40.03 Set a Malpais 16 x 10 x 6 ins., 10 ins.

## Subdivision of T. 19 N. R. 6 E.

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in the ground for  $\frac{1}{4}$  ac. cor.,  
marked  $\frac{1}{4}$  on N. face; from which  
a Pine 18 ins. diam., bears N.  $21^{\circ}40'$  E. 68 lbs.  
dist., marked  $\frac{1}{4}$  S. & B.T.

A Pine 24 ins. diam., bears S.  $34^{\circ}08'$  E. 65 lbs.  
dist., marked  $\frac{1}{4}$  S. & B.T.

5450 Low Ridge, bears N. & S.

5006 The cor. of secs. 4, 5, 8, & 9.

Land Mts., & nearly level,

Soil, sandy black loam & clay

2 ~~and~~  $\frac{1}{4}$  ac. Rate.

Timber, Pine,

Mts., or heavily Timbered land

5006 lbs.

Sec. 22<sup>nd</sup>; at this cor. I set off

$23^{\circ}25\frac{1}{2}'$  S. on the decl. arc; and

at 11<sup>h</sup> 58.8 min., but, observe

the sun on the meridian; the

resulting lat. is  $35^{\circ}00'30''$



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Subdivision of T. 19 N. R. 6 E.  
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N 0° 01' E.

bet. secs. 4 & 5.

Over Mts. land, through heavy Pine.

40.00 Set a Malapa's 16 X 8 X 6 ins.,  
10 ins. in the ground for  $\frac{1}{4}$  sec  
cor. marked  $\frac{1}{4}$  on N. face; from which

A Pine 6 ins. diam., bears N. 87° 30' E. 81  
lks. dist., marked  $\frac{1}{4}$  S. 4 B. T.

A Pine 36 ins. diam., bears S. 71° W. 123  
lks. dist., marked  $\frac{1}{4}$  S. 5 B. T.

43.00 In air, course S. E.

54.08 Intersect N. Bdy. of the T. 15 S. lks  
N. of the cor. of secs. 4, 5, 32 & 33,  
which is a Post 4 ins. sq. marked &  
witnessed as described by the  
Surveyor General. I change the  
markings & witnesses of this cor. to refer  
only to Secs. 32 & 33, T. 20 N. R. 6 E.  
Set a Malapa's 18 X 10 X 6 ins.

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12 ins. in the ground for closing  
cor. of secs. 4 & 5, marked  
C. C. on S. with 4 grooves on E. & 2  
grooves on W. faces; from which  
a Pine 18 ins. diam., bears S. 51° 15' E.  
137 lbs. dist., marked T. 19 N. R. 6 E. S. 4 B. T.  
a Pine 8 ins. diam., bears S. 50° W. 141 lbs. dist.,  
marked T. 19 N. R. 6 E. S. 5 B. T.

Land, Mts.

Soil, stony, 4<sup>th</sup> Rate  
Timber, Pine,

Mts. land covered with heavy Pine  
54.08 Cho.

Dec. 22<sup>nd</sup> 1900.

I return to the meridian established  
at the N. W. cor. of the Tp. and  
test the adjustments of my  
solar; finding it gives the same  
meridian as before and adjustments  
correct.

General Description.

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The land in secs. 5, 6, 7 & 8 is generally mountainous and covered with heavy Pine timber. A Park extends from the N.W. cor. of sec. 6, to the S.E. cor. and is from 20,000 chs to 10,000 chs wide. The soil in the Park is a rich black loam.

Charles S. Howard's house and other buildings are on the S.W.  $\frac{1}{4}$  of sec. 6; and Matt Blakely's house and buildings are on the S.E.  $\frac{1}{4}$  of sec. 6

Mr. Blakely and Mr. Howard each have about 25 acres in cultivation.

Carl R. Gaudin  
U.S. Deputy Surveyor.

For final plats see Book of Subdivisions

Y & R W

BOOK 314  
APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GEN'L.

Tucson, Arizona,

1902

The foregoing field notes of the sur-  
vey of The Subdivisions of  
T. 19 N; R. 6 E

Gila & Salt River Meridian,

executed by Carl R. Candler

under his contract No. 67, dated 5/22/1900

having been critically examined, and the  
and explanations  
necessary corrections made, the said field

notes, and the surveys they describe, are

hereby approved.

Wegh H. Price

U. S. Surveyor General for Arizona.