

BOOK "A"  
CONTRACT 97

SUBDIVISIONS

FRAC TP 20N, R8E

No 368

4-671

BOOK 368

368

FIELD NOTES  
GENERAL LAND OFFICE.

No 368

No-368 1

Field Notes  
of the survey of the  
Subdivision Lines  
of  
Township No. 20 North, Range No. 8 East,  
of the  
Gila and Salt River Base and Meridian,  
in the  
Territory of Arizona  
As surveyed by  
Carl R. Caudle and  
Marvin Caudle,  
U. S. Deputy Surveyors.  
Under their contract, No. 37.  
Dated June 30, 1902.

Survey commenced Oct. 18, 1902.  
Survey completed Oct. 21, 1902.

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BOOK 368

4-674.

Township 20 North, R. 8 East.

BOOK 368

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## Subdivision of T. 21 N., R. 8 E.

Survey commenced Oct. 18, 1902,  
and executed with a W. & L. E. Gurley  
light Mountain transit (not numbered)  
with solar attachment, and Jones  
patent Latitude arc.

For complete description and test of  
instrument see Book C. Subdivision  
of T. 21 N., R. 9 E.

Preliminary to beginning the  
subdivision of the remaining  
unsurveyed sections of this T.  
I retrace a portion of the N. bdy.  
sec. 6, and W. bdy. sec. 6 & 7, to determine  
the location of the corners, and also  
to determine the condition of the  
previous survey. I proceed as follows:  
At the standard cor. of T. 21 N., R. 7 E.,  
previously described, I set off 9° 23' S.  
on the decl. arc; 35° 07' 10" on the

## Subdivision of T. 20 N., R. 8 E.

lat. arc; and determine a true  
meridian with the solar;

Thence I run

West,

along N. Body, sec. 6,

Over Mts. land. through heavy  
Pine timber. (Var.  $13^{\circ}57'E.$ )

2.00 Descent steep rocky slope, bears S.S.

7.00 Ravine at foot descent of 250 ft.

course S.

12.87 Fall 40 lbs. N. of the Closing Cor.  
of Tps. 20 N., R. 7 & 8 E., which  
is a pine post 4 ins. sq.  $2\frac{1}{2}$  ft. long  
set in a mound of stone  $3\frac{1}{2}$  ft. base,  $\frac{1}{2}$   
ft. high, M.K.D.

T X X N R V I I I E V I on E.

T X X N R V I I E S I on W.

C C

on S. face, from which

A Pine 12 ins. diam., bears S.  $23^{\circ}07'E.$ , 72 lbs. dist.

Subdivision of T. 20 N., R. 8 E.

mkd. TXX. NRYIII E VI BT

A Pine stump 12 ins. diam, bears S. 40° W. 85 lbs. dist.

mkd. BT Rest of mks. cut off.

Land, Mts.

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

Timber, heavy Pine,

Mts. timbered land. 12.87 chs.

From the C. C. of Tpr. 20 N., R. 7 & 8 E.

described above, I run

South,

bet. secs. 1 & 6.

Over Mts. land through heavy Pine  
timber, I descend from car.

5.00 Foot descent of 150 ft, bears E. & W.

8.60 Road bears E. & W.

10.65 Drain in bottom of Walnut  
Canyon, course, E. About 8.00 chs  
E. the canyon narrows, and the

## Subdivision of I. 20N, R. 8E.

- sides become precipitous and almost impassable.
- 18.00 Spear 100ft. high bears N.W. & 8° E.
- 28.00 Descend, bears N.W. & 8° E.
- 36.00 Foot descent of 100ft. bears N. 20° W. & S. 20° E.
- 41.45 From this point the old  $\frac{1}{4}$  sec. cor bears true course S. 2° 27' E. E. 177 lks. dist.  $\frac{1}{2}$  A pine post  $\frac{1}{4}$  in sq., 2 ft. long, badly decayed and fallen over, mkd.  $\frac{1}{2}$  S. I reestablished at the same point as follows:
- Set a limestone 20 x 6 x 5 ins. 15 ins. in the ground for  $\frac{1}{4}$  sec. cor. mtd.  $\frac{1}{4}$  on W. face; from which
- A Pine 2 1/2 ins. diam, bears N. 54° 04' 5" E. 109 lks. dist, mtd.  $\frac{1}{4}$  S 6 BT
- A Pine 3 1/2 ins. diam, bears S. 43° W. 10 lks. dist, mtd.  $\frac{1}{4}$  S I BT
- These are the old bearing trees which

I remark, as the old mks.  
have <sup>been</sup> grown over.

Thence from Cor.

South, along steep rocky slope to W.

39.95 From this point the old cor. of secs.  
16, 7, & 12 bears E. 63 lks. dist., a  
small mound of stone around the  
stump of a post 4 ins. sq; A portion  
of post with mks. scarcely discernible  
lies about 85 lks. down the hill to the  
west. I reestablish <sup>the cor.</sup> at the same point  
as follows; True Course S. 0° 52' E.

Set a limestone 30 x 18 x 12 ins., 12 ins.  
in the ground (cannot set deeper)  
and build mound of stone around  
it, for cor. of secs. 16, 7, & 12, mkd.  
with 5 notches on S. & 1 notch on N.  
edges; from which

A Pine 30 ins. diam, bears N. 52° 50' E. 79 lks.

## Subdivision T. 20N., R. 8E.

diat, mkd. T20NR8ES6BT

A Pine 40 ins diam., bears S 61° E. 55 lbs

diat, mkd. T20NR8ES7BT

A Pine 47 ins diam., bears S. 48° W. 101 lbs

diat, mkd T20NR7ES12BT

A Pine 37 ins. diam., bears N. 76° W. 85 lbs

diat, mkd. T20NR7ES1BT

These are the old bearing trees  
which I remark, as the original  
marks have been grown over.

Land, Mts.

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

Timber, heavy of vic.

Mts. heavily timberland. 81, 40chs.

Note, - Before I located these two  
corners, I continued my random  
line south to the cor. of secs. 7, 12,  
13 & 18, and finding this cor  
which was in good condition, I

returned to the temp.  $\frac{1}{4}$  sec. cor.  
bet. sec. 7 & 12, but was unable to  
find it; and then to the temp. cor.  
of secs. 1, 6, 7, & 12, and after a long  
search found and identified it  
as above described; I then  
returned to the temp.  $\frac{1}{4}$  sec. cor.  
bet. secs. 1 & 6, and after a long  
search found and identified it  
as above described.

To reestablish the line bet.  
secs. 7 & 12, T. 20N, R. 7 & 8E,  
which I know to be defective  
from the preliminary line  
run as above stated, I proceed  
as follows:

From the cor. of secs. 1, 6, 7, & 12,  
described above, I run

## Subdivision of T. 20N., R. 8E.

South,

on a random line bet. sec. 7 &amp; 13,

4000 Set temp.  $\frac{1}{4}$  sec. cor.

81.58 From this point the old cor. of

sec. 7, 12, 13 &amp; 18, bears E.

33 lks. dist., A pine post 4 ins.

sq.  $2\frac{1}{2}$  ft. long, set firmly in amound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high

mkd. TXXNRVIII E VII on N.E.

XVIII on S.E.

XIII on S.W.

TXXNRVII EXII on N.W. face,

with 2 notches on N. &amp; 4 on S edges.

from which

A Pine 4 1/2 ins. diam, bears N.  $29^{\circ}$  E. 27

lks. dist, mkd. TXXNRVIII E XII

A Dead Pine 30 ins. diam, bears S.  $58^{\circ}$  E. 13.5 lks.

dist, mkd. TXXNRVIII E XVIII

A Pine 32 ins. diam, bears S.  $7^{\circ}$  50' W. 11.5 lks.

dist, mks. TXXNR VII E XIII

A Stump 33 ins. diam., 2 ft. high, bears N. 54° 10' W.

137 lks. dist, mks. cut off. No trees standing, within limits in this sec.

Thence I run

N. 0° 14' W,

on a trail line bet. sec. 7 & 12.

Over level mesa, through heavy  
Aspen timber.

26.50 Descend into Walnut Canyon, over  
very rough boulders of lava rock,  
bears E. & W.

34.60 Walnut Canyon, dry, course N. W.; foot  
descent of 170 ft. A <sup>small</sup> spring of cold  
water bears W. 3.00 chs. dist.

35.50 Ascend, bears N. W. & S. E.

38.50 Top of Knoll on N. Riv. of canyon  
about 200 ft. above bottom, bears N. W. & S. E.  
Descend.

## Subdivision of T. 20N, R. 8E.

- 40.79 Set a limestone 18 X 9 X 8 ins, 12 ins. in  
the ground for  $\frac{1}{4}$  sec. cor, mkd.  $\frac{1}{4}$  on W.  
face; from which  
A Pine 21 ins, diam., bears N. 33° 30' E. 114 lbs.  
dist., mkd.  $\frac{1}{4}$  S 7 BT  
A Pine 21 ins. diam., bears S. 85° 30' W. 16  
lbs. dist., mkd.  $\frac{1}{4}$  S 12 BT  
Note, - after an exhaustive search  
no trace of <sup>old</sup>  $\frac{1}{4}$  sec. cor. could be found.
- 42.50 Foot of Knoll, bears N.W. & S.E.  
Thence over level mesa.
- 57.50 Descend over rough broken  
slope to N.W.
- 66.00 About 100 ft. below top, continued  
along very steep & rough slope to W.
- 81.58 The cor. of secs. 1, 6, 7, & 12.  
Land, level, & rough broken  
and mts.  
Soil, stony & sandy loam, <sup>2</sup> <sup>nd</sup> <sup>ly</sup> <sup>of</sup> <sup>the</sup> <sup>site</sup>.

Subdivision of T. 20 N., R. 8 E.

Timber, heavy Pine.  
Mts or heavily timbered land.  
81.58 chs.

Oct. 18, 1902.

Oct 20, at 8<sup>h</sup> 28<sup>m</sup> a.m., cont., Dist  
off  $10^{\circ}08' S$ , on the decl. arc;  $35^{\circ}$   
 $06'20''$  on the lat. arc; and  
determine a true meridian with  
the solar at the cor. of sec. 6, 7, & 12,  
on the W. bdy. of the Twp.  
Thence I run  
N.  $89^{\circ}47' E$ .

on a random line bet. sec. 6 & 7.  
(The reported true bearing of the S. bdy. of  
sec. 7, is N.  $89^{\circ}47' E$ .) I run the random  
line this way as it is more convenient  
than the regular way.

40.00 Set temp. & sec. cor.

80.45 Intersect N. & S. line 74 lks.

subdivision of T20N., R8E.

N. of the cor. of secs. 5, 6, 7, & 8  
which is a fine post 4 ins, sq,  
1 1/2 ft. long, set in a mound of stone  
badly buried. I reestablished as follows:

Set a sandstone 18 x 18 x 9 ins, 12  
ins. in the ground for cor. of secs. 5, 6,

7, & 8, mkd, with 5 notches on  
S. & E. edges; from which

A Pine 29 ins. diam, bears N. 20° 13' E. 92 lbs.  
dist., mkd., TXXNRVIII EV BT

A Pine 20 ins. diam, bears S. 48° 50' E. 69 lbs.  
dist., marked TXXNRVIII EVIII BT

A dead  
Pine 30 ins. diam, bears S. 51° 31' W. 18 lbs.  
dist., mkd. TXXNRVIII EVII BT

A dead Pine 32 ins. diam, bears N. 72° 0' W. 95 lbs.  
dist., mkd. TXXNRVIII EVI BT

These I run  
N. 89° 41' W.

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

Over rolling land through  
heavy pine timber.

- 6.50 Ravine 30 ft. deep, course N.
- 9.50 Ridge 40 ft. high, bears N. 75.
- 15.75 Ravine, 75 ft. deep, course N. E. asc.
- 18.65 Top ascent of 75 ft., bears N. E. 75, W.
- 40.00 Set a sandstone 18 x 10 x 6 ins., 12 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., mtd.  $\frac{1}{4}$  on N.  
face, from which  
A Pine 41 ins. diam., bears N. 25° 50' W. 80 lbs  
dist., mtd.  $\frac{1}{4}$  S 6 BT  
A Pine 39 ins. diam., bears S. 20° 05' E. 41 lbs. dist.,  
mtd.  $\frac{1}{4}$  S 7 BT
- 42.20 N. Side of sink hole, 6 ft. deep, 1 ch. across  
and 2 chs. long.
- 45.70 Desc. bears N. E. 75, W.
- 50.70 Ravine, 70 ft. deep, course N. E. asc.
- 55.20 Top ascent of 40 ft., bears N. 75.
- 63.25 Trail, bears N. 75.

## Subdivision of T. 20 N., R. 8 E.

- 66.20 Begin gradual descent bears N. & S.  
 73.60 Descend very steep, rough slope  
 & E. side of Walnut Canyon bears N. & S.  
 80.45 About 400 ft. below top and 100  
 ft. above bottom of Canyon.

The cor. of sec. 1, 6, 7, & 12.

Land, rolling, & Mts.

Soil, sandy loam, stony & worthless  
 goodly the Rate.

Timber, heavy Pine, some  
 grass on mesa.

Heavy timber on Mts. land  
 80.45 chs.

Note, - It being cloudy at noon  
 no lat. obsn. could be taken.

From the cor. of sec. 5, 6, 7, & 8.

Green

N. 0° 03' W.

on a true line bet. sec. 5 & 6.

Over rolling land through  
Heavy Pine timber

- 3.00 Descend, bears E. & W.
- 12.60 Ravine 60 ft. deep, course N.W.
- 16.60 Suffer, 30 ft. high, bears N.W. & S.E.
- 19.40 Same Ravine 100 ft. deep, course N.E.
- 25.00 Ridge, 90 ft. high bears N.W. & S.E.
- 29.00 Descend.
- 32.00 Small Ravine, course E.
- 33.30 Ravine 20 ft. deep, course S.E. asc.
- 34.80 Ridge, 30 ft. high, bears E. & W.
- 37.90 Small Ravine course E.
- 41.00 Set a limestone 21 X 14 X 7 ins. 15 ins.  
in the ground for  $\frac{1}{4}$  sec. cor., mtd.  $\frac{1}{4}$  on  
W. face; from which  
An Oak 8 ins. diam, bears N. 86° 45' E., 16 lks. dist,  
mtd.  $\frac{1}{4}$  S 5 BT  
An Oak 9 ins. diam, bears N. 81° 40' W., 4 lks.

## Subdivision of T20N, R8E.

- diat. mhd. # 36 BT
- 44.00 Ridge, bears E. & W. Descend along  
W. slope of Spur, extending N.
- 60.12 Descend into Walnut Canyon  
bears E. & W.
- 68.00 Bottom of Canyon, ~~course~~ E 450ft  
deep, ascend.
- 76.70 N. Rim of Canyon 450ft. above the  
bottom, bears E. & W.
- 79.52 Intersect 5<sup>th</sup> Standard Parallel  
and N. Bdy. of the Tp. 13.58 Ch. W.  
of the Standard Cor. of secs. 31 & 32,  
previously described,  
Set a limestone 34 x 9 x 8 ins, 15 ins, in  
the ground. (cannot set dafer)  
and build a mound of stone around  
it, for closing cor. of secs. 546,  
mhd. P.C., on S. with 5 grooves on  
E. and 1 groove on W. face; from which

Subdivision of T20N, R. 8E.<sup>9</sup>

A Pine 20 ins. diam., bears S 45° 15' W. 44

lbs. dist., mkd. T20NR8ES6BT

A Pine 20 ins. diam., bears S. 37° 10' E. 12 lbs.

dist., mkd. T20NR8ES5BT

Land, Mts. and Rolling.

Soil, sandy loam + stony, 3<sup>rd</sup>  
and 4<sup>th</sup> Rate.

Timber, pine.

Heavy timber or Mts. land, 79.52 chs.

From the cor. of sec. 5, 6, 7, & 8.

A run

S. 89° 57' E,

on a random line bet. sec. 5 & 8

Over Rolling land, through heavy  
pine timber

4.00 Descend, bears N. 75.

8.60 Ravine, course S.E.

10.00 Spur, bears N. 75.

## Subdivision of T. 20 N., R. 8 E.

- 14.30 Ravine, 100 ft. deep. course N.
- 21.00 Ridge, bears N. V. S.
- 28.00 Ridge, bears N. V. S.
- 39.64 The  $\frac{1}{4}$  sec. cor. bears N. 34 lks. dist.  
 True course N. 89° 34' E  
 a post 4 ins., sq., rotted off  
 I reestablish the cor. at the  
 same point as follows:  
 Set a limestone 24 X 10 X 7 ins., 15  
 ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
 mkd.  $\frac{1}{4}$  on N. face; from which  
 a Pine 20 ins. diam., bears N. 84° W. 19  
 lks. dist., mkd.  $\frac{1}{4}$  S 5 BT  
 a Pine 42 ins. diam., bears S. 40° E, 66 lks.  
 dist., mkd.  $\frac{1}{4}$  S 8 BT  
 These are the old bearing trees  
 which I remark, as the  
 original mks. have been removed.  
 Thence from Cor.  
 S. 89° 57' E.

- 1.50 Ravine, course N.
- 21.00 Ridge, bears N. & S.
- 25.90 Ravine, course N.
- 33.00 Ridge 6 ft. high, bears N. 73.
- 39.68 The old cor. of secs. 4, 5, 8, & 9, bears  
 N. 26 lks. dist., <sup>True course N. 89° 41' E.</sup> An oak post.  
 4 in. sq. rotted off, I reestablished  
 at the same point as follows;  
 Set a sandstone 24x10x7 in., 16 in.  
 in the ground for cor. of secs. 4, 5, 8 & 9  
 mkd. with 5 notches on S. and  
 4 notches on E. edges; from which
- A Pine 20 in. diam., bears N. 54° 10' E. 55 lks.  
 dist., mkd. T. 20N R 8 E S 4 BT
- A Pine 16 in. diam., bears S. 77° 02' 36" E. 94 lks.  
 dist., mkd. T. 20N R 8 E S 9 BT
- A Pine 18 in. diam., bears S. 61° 15' W. 39 lks.  
 dist., mkd. T. 20N R 8 E S 8 BT
- A Pine 13 in. diam., bears N. 65° 43' W. 21 lks.

## Subdivision of T20N, R8E.

dist., unkd, T20NR8E S5BT  
 Land, Rolling Mts.  
 Soil, sandy & stony 3<sup>rd</sup> & 4<sup>th</sup> Rels.  
 Timber, Pine.  
 Heavy timber, old Mts. land, 79, 32.  
 Oct. 20, 1902.

Oct. 21: at 8<sup>h</sup> 55 m. a. m., went, I  
 set off 10° 28' S. on the decl. arc;  
 35° 06' 20" on the lat. arc; and  
 determine a true meridian  
 with the solar at the cor. of  
 secs. 4, 5, 8, & 9, Theod. drew  
 N. 0° 03' W.

on a true line bet. secs. 4 & 5  
 Over rolling land, through heavy  
 pine timber.

0.50 Small grain, course N.E.  
 3.95. Prairie, course E.

## Subdivision of I 20 N., R. 8 E.

- 7.00 Ridge, bears E. & W. (Var. 13° 56' E.)
- 16.95 Ravine, course N.E.
- 19.00 Ridge, bears N.E. & S.W.
- 20.00 Ravine, course S.E.
- 21.50 Ridge, bears E. & W.
- 23.50 Ravine, course N.E. 70 ft. deep.
- 30.00 Ridge, bears N. 60° E. & S. 60° W.
- 38.40 Small Ravine, course N.W.
- 39.75 Small Ridge, bears E. & W. Descend  
into Walnut Canyon.
- 40.00 Let a limestone 18 x 14 x 5 ins, 12 ins. in  
the ground for  $\frac{1}{4}$  sec. cut, mtd.  $\frac{1}{4}$  on  
W. face; from which
- A Pine 26 ins. diam., bears N. 39° 25' E. 79 lbs.  
dirt, mtd.  $\frac{1}{4}$  S 4 BT
- @ Pine 11 ins. diam., bears N 34° 10' W. 27 lbs. dirt  
mtd.  $\frac{1}{4}$  S 5 B.T.
- 48.40 Walnut Canyon, 425 ft. deep. course N. 60° E.  
ascend very rough & broken N. side of canyon.

## Subdivision of T20N, R.8E.

66.00 Top of N. Rim of canyon, 440 ft.  
above bottom, bears E. & W.

72.80 Ravine, 40 ft, deep course N.E.

78.91 Intersect 5<sup>th</sup> Standard Parallel  
and N. bdy. of the tp. 14.41 Chs. W.  
of the S.C. of sec. 32 & 33,  
previously described.

Set a limestone 36 x 12 x 8 ins, 15  
ins. in the ground. (cannot set  
deeper) and build a mound of stone  
around it, for closing cor. of sec.  
4 & 5, mkd. C.C. on S., with 4  
grooves on E. & 2 grooves on W. faces;  
from which

A. Pine 41 ins. diam, bears S. 14° 45' W. 20 lbs.  
dist, mkd. T20NR8E5 BT

A Pine 19 ins. diam, bears S. 74° 18' W. 119 lbs.  
dist, mkd. T20NR8E5 4 BT

Land, rolling and Mts.

Soil, stony sandy, 2<sup>nd</sup> & 4<sup>th</sup> Rts.  
Timber, Heavy Pine, some grass,  
Mts. or heavily timbered land  
78.91 chs.

From the cor. of sec. 4, 5, 5, & 9, I run  
N. 89° 54' E. bet. sec 4 & 9.

(which is the true bearing as given  
by the survey or general)

Over Rolling land, through heavy  
Pine timber.

- 18.00 Descent, bears N.E. & S.W.  
21.25 Ravine, 50 ft. deep, course N.E.  
30.00 Top ascent of 50 ft. bears N. 21° 45' E.  
35.00 Descent, bears N. & S.  
39.83 The old,  $\frac{1}{2}$  arc. cor. bears N. 21° 45' E.  
True course N. 89° 36' E.  
dist. A pine post 4 ins. sq. greatly  
decayed, set in a mound of stone.  
I reestablish the cor. at the same point

## Subdivision of I. 20 N., R. 8 E.

by setting

A Malpais stone 20 X 12 X 5 ins., 15 ins.  
in the ground for  $\frac{1}{4}$  sec. cor., mtd.  
 $\frac{1}{4}$  on N. face; from which

A Pine 35 ins. diam., bears N. 30° E.  
13 lks. dist., mtd.  $\frac{1}{4}$  S 4 BT

A Pine 49 ins. diam., bears S 16° 05' E. 40 lks.  
dist., mtd.  $\frac{1}{4}$  S 9 BT

These are the old bearing trees  
which I remark.

Hence from cor. N. 89° 54' E.

- 0.45 Ravine, course, N. ascend.  
2.00 Top of ascent of 60 ft., bears N. 75.  
17.07 Ravine, course N. W.  
19.65 Ravine, course N. W.  
22.00 Top ascent of 50 ft., bears N. W. 45 E.  
35.00 Ridge, bears N. & S. 225 ft. above ravine.  
36.00 Lowell Observatory on mtn. N. of Flagstaff  
bears N. 56° 27' W.

## Subdivision of T. 20 N., R. 8 E.

37.65 The old cor. of sec. 3, 4, 9, & 10, bears  
 S 5 lks. dist, which is a post 4 mis. sq.  
True Comp. N. 89° 38' E.  
 greatly decayed, & I reestablish the  
 cor. at the same point as follows:

Set a Dnalapois 18 X 10 X 6 mis., 12 mis. in  
 the ground for cor. of sec. 3, 4, 9, & 10.  
 mkd. with 5 notches on S. end & 3 notches  
 on E. edges; from which

A Cedar 20 mis., diam., bears N. 67° 32' E. 72  
 lks. dist., mkd. TXXNRVIII E III

A Cedar 30 mis. diam., bears S. 82° 25' E. 61 lks.  
 dist., mkd. TXXNRVIII E X

A Cedar 20 mis. diam., bears 88° 28' W. 45 lks. dist.,  
 mkd. TXXNRVIII E IX

A Cedar 14 mis. diam., bears N 47° 45' W. 99 lks.  
 dist., mkd. TXXNRVIII E IV

These are the old bearing trees.  
 Land. Dpts. & Rolling.  
 Soil. stony. 3<sup>rd</sup> & 4<sup>th</sup> Rate.

## Subdivision of T20N, R8E.

Mts. or heavily timbered land.

79.48 chs.

Oct. 21: at this cor. set off 10<sup>h</sup> 33<sup>m</sup>.

S. on the decl. arc, and at 11<sup>h</sup> 44<sup>m</sup> 5<sup>s</sup>

am., lust., observe the sun on  
the meridian; the resulting

lat. is 35° 06' 20", which is  
about correct.

N. 0° 02' W.

on a true line bet. sec. 3 & 4.

Over sets. land through cedar,  
pinon & pine timber.

61.00 Descent, bears N.E. 75° W.

6.34 Lowell Observatory bears N. 57° 10' W.  
(Var. 90° 42' E)

39.50 Ravine at foot descent of 250  
ft., course W. to N.W.

40.00 Set a sandstone 20 x 10 x 9 ins., 15 ins.

## Subdivision of T. 20 N., R. 8 E.

in the ground for  $\frac{1}{4}$  sec. cor. mtd.,  
 $\frac{1}{4}$  on W. face; from which  
 A Pine 36 ins., diam., bears S 44° 08' 176 lbs.  
 dist., mtd.  $\frac{1}{4}$  S 3 BT

A Pine 5 ins. diam., bears N. 39° 30' W. 70 lbs.  
 dist., mtd.  $\frac{1}{4}$  S, 4 BT

Ascend from cor.

44.00 Top ascent of 60 ft. bear E. & W.  
 (Var. 13° 57' E)

68.00 Descend, bear E. & W.

74.50 Ravine, course, E. foot descent soft.

78.74 Intersect 5<sup>th</sup> Standard Parallel  
 and N. Bdy. of the Sp. 14. 35 chs.  
 W. of the S. C. of sec. 33 & 34,  
 previously described.

Set a sandstone 22 x 10 x 8 ins., 5 ins.  
 in the ground. (cannot set deeper)  
 and build mound of stone around  
 it. for closing cor. of sec. 3 & 4

## Subdivision of T20N, R8E

mkd. C.C. on S, with 3 grooves  
 on E. & W. faces; from which  
 A Pine 14 ins. diam, bears S 32° 50' E,  
 55 lbs. dist, mkd. T20NR8E S 3 BT

A Pine 26 ins. diam, bears S 21° W, 115 lbs.  
 dist, mkd. T20NR8E S 4 BT

Land, Mts. & Challeng.

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

Timber, Cedar, Spruce, & Pine.

Mts. or heavily timbered land 78.74 ch.

Oct. 21, 1902.

General Description of T. 20 N, R. 5 E,

The lands of this township embraced in the recent survey are mostly mountainous and broken by the numerous tributaries of Walnut Canyon, which enters the township in Sec. 6, and leaves it in sec. 4.

The timber is mostly a large yellow pine and very valuable. There is also some scrubby cedar & fir.

There are no settlers in the part of the tp.

There are no valuable mineral deposits known.

There is a fair growth of grass on the mesas which affords feed for cattle & horses.

The soil is sandy & stony & generally 3<sup>rd</sup> Pat.

Carl R. Gaudle

U. S. Deputy Surveyor

Marvin Gaudle

U. S. Deputy Surveyor.

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A P P R O V A L.

Office of the

United States Surveyor-General,

Phoenix, Arizona.

April 25<sup>th</sup> 1904

The foregoing field notes of the survey of subs of T20 NR8E

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

executed by *Candler & Candler*

United States Deputy Surveyor, under his contract No. 97, 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 S. Ingalls*  
U.S. Surveyor-General.