

Book "B"

SUBDIVISIONS

T. 21 N. R. 9 E.

BOOK --

No 388

4-671

BOOK 388

388

FIELD NOTES  
GENERAL LAND OFFICE.

No 388

No - 388 BOOK 388

Field Notes  
of the survey of the  
Subdivision Lines  
Township No. 21 North, Range No. 9 East  
of the  
Gila and Salt River Basins 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 Sept. 27, 1902.  
Survey completed Oct. 15, 1902.

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4-674.

Township 21 N. R. 9 E.  
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PRELIMINARY OATHS OF ASSISTANTS.

We, *Elmer Knowles*

and *J. F. Lobe Jr.*

do solemnly swear that we will well and faithfully execute the duties of chainmen; 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 length 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

*Subdivisional lines of Tps. 21, N. R. 5, S. 2, 19 East, Tps. 20 N. R. 5 S. 1, 2, 3 E. and Tps. 25 N. R. 3 E.*

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

*Elmer Knowles*, Chainman.  
*J. F. Lobe Jr.*, Chainman.  
\_\_\_\_\_, Chainman.  
\_\_\_\_\_, Chainman.

Subscribed and sworn to before me this *19<sup>th</sup>* day of *September*, 190*2*

*Carl R. Baudle*

[SEAL.]

*U. S. Deputy Notary Public.*  
*Merrin Baudle*



We, Willis E. Owen  
 and Philip Herz A. H. Marshall  
 do solemnly swear that we will well and truly perform the duties of  
 flagman and axmen, in the establishment of corners and other duties,  
 according to instructions given us, to the best of our skill and ability, in  
 the survey of the Subdivisional lines  
of Tps. 21 N. R. 5, 8, E. 4 East,  
Tps. 20 N. R. 5, 8 East, and  
Tp. 25 N. R. 3 E.

BOOK 388

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

Willis E. Owen, Flagman.  
Philip Herz, Axman.  
A. H. Marshall, Axman.  
 \_\_\_\_\_, Axman.

Subscribed and sworn to before me this 19<sup>th</sup> day  
 of September, 1902

Carl R. Baudle  
 \_\_\_\_\_  
 U.S. Deputy Surveyor  
 Notary Public.  
Manning Baudle

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Survey Commenced Sept. 27, 1902  
and executed with a N. <sup>E</sup> L. E.  
Gorley light mountain transit  
(not numbered) with solar  
attachment and Jones Patent Lat-  
itude arc; The horizontal limb is  
provided with two double verniers  
placed opposite to each other  
reading to single minutes of  
arc; the verniers of the declination  
and vertical arcs read to thirty  
seconds of arc; and the vernier  
of the latitude arc read respectively  
to single minutes and ten  
seconds of arc.

The instrument was examined  
tested on the true meridian  
at Phoenix, found correct and  
was approved by the surveyor.

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general for Arizona Sept 16, 1902.  
I examine the adjustments of the  
instrument and find no errors  
of level, collimation, or standards,  
then to test the solar apparatus  
by comparing its indications  
resulting from solar observation  
made during p.m. and a.m.  
hours with a meridian  
determined by observations  
on Polaris. I proceed as follows:  
At camp (about 15.00 chs. W. of  
the cor. of sec 22, 23, 26 & 27, position  
determined later in subdividing)  
Latitude  $35^{\circ} 08' 52''.4$  N;  
Longitude  $111^{\circ} 24' 10''.4$  W; I set  
off  $1^{\circ} 08' S.$  on the decl. arc;  
 $35^{\circ} 08' 50''$  N. on the lat. arc;  
and at 4 p.m., last, determi



a true meridian with the solar and mark a point thereof by a tack on a plug set firmly in the ground 5.00 chs. N. of my station.

At 7<sup>h</sup> 09<sup>m</sup> p.m., last, I observe Polaris at eastern elongation in accordance with the Manual of Surveying Instructions and mark a point in the line thus determined by a tack on a plug set firmly in the ground 5.00 chs. N. of my station.

Sept. 27, 1902

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Sept. 28, 1902; at 7<sup>h</sup> a.m. I lay off the azimuth of Polaris  $102^{\circ} 9' 13''$  to the west and



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Subdivision of T. 21 N. R. 9 E.  
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mark the true meridian  
thus determined by a tack on  
the plug already set <sup>500 ch. N. of station</sup>, which  
point coincides with the point  
determined with the solar.  
At 7<sup>h</sup> 30<sup>m</sup> a.m., a.m., I set  
off  $10^{\circ} 49' S.$  on the decl. arc;  
 $35^{\circ} 08' 50'' N.$  on the lat. arc,  
and determine a true  
meridian with the solar,  
and mark a point thereof  
by a tack on the plug already  
set 500 ch. N. of my station,  
which point coincides with  
the point determined by  
the Polaris observations.  
The solar apparatus by p.m.,  
and a.m. observations  
defines positions respectively

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coinciding with the true  
meridian determined  
from observations on Polaris.  
therefore, I conclude the  
adjustments of my instrument  
are satisfactory.

The magnetic bearing of the true  
meridian is  $N. 14^{\circ} 39' W.$ ; the  
angle thus determined gives  
the mag. decl.  $14^{\circ} 39' E.$

Sept. 28, 1902,

The retracement of the 5<sup>th</sup> Standard Parallel and South boundary of the township (T. 21 N. R. 9 E.) shows it to be erroneous in both alignment and measurement to such an extent that in order to properly subdivide the township a sectional correction line must be run from the cor. of sec 25, 30, 31, & 36. on the E. bdy. of the Twp. to the corresponding cor. on the W. bdy., throwing the deficiency of measurement on the last half mile to the west.

Sept. 29, 1902. Therefore I begin at the cor. of sec 25, 30, 31, & 36 on the E. bdy. of the Twp. and

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at 4<sup>h</sup> 30<sup>m</sup> a.m., but, set  
off 2° 09½' S. on the <sup>decl.</sup> Cat. arc;  
35° 08' N. on the Cat. arc; and  
determine a true meridian  
with the solar,

Thence I run

N. 89° 52' W.

on a ~~rough~~ line bet.  
Secs. 25 & 36, 26 & 35, 27 & 34, 28 & 33,  
29 & 32, and 30 & 31, parallel  
with the general bearing of  
the south boundary of the  
township, setting ~~the~~ ¼  
sec. and sec. cors, at intervals  
of 40.00 chs; and at 478.35<sup>48</sup><sub>40</sub>  
intersect the W. bdy. of the  
T. 24 lks. N. of the cor. of sec.  
25, 30, 31, & 36, provisionally  
described; the falling ~~across~~



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to a correction of  $0^{\circ}02'$  or  
4 lks. S. per mile, counting <sup>from</sup> the  
cor. on the Eddy. of the tp.

Therefore run  
S.  $89^{\circ}54'E$ .

on a true line bet. sec. 30 & 31.

Overmountainous land through  
heavy cedar and pines,

7.65 Desc. bear N.W. & S.E.

8.65 Ravine 60 ft. deep, course S.E.

11.65 Spur 50 ft high, bear N. & S.

14.00 Ravine, 70 ft deep, course S.E.

22.00 Top ascent of 70 ft. bear N.W. & S.E.

~~38.35~~ <sup>38.48</sup> Set a Limestone  $20 \times 10 \times 10$  ins.

10 ins. in the ground (cannot set

deeper.) and raise a mound of

stone around it, for  $\frac{1}{4}$  sec. cor.

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

a Pinon 6 in's diam. bears  $S. 38^{\circ}45'E$  84

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lks dist, mks.  $\frac{1}{2}$  S. 31 BT

A Pinon 5 in. dia, bears N. 150 E, 247 lks.  
dist, mks.  $\frac{1}{4}$  S 30 BT

44.00 Begin gradual descent bears N.E. & S.W.

48.00 Desc. abruptly into Walnut Canyon  
bears N.E. & S.W.

60.00 Walnut Dam 30ft. high extending  
across canyon bears S. 100 Ch. dist.

62.00 Walnut Canyon, Dry, course N.E.  
foot descent of 400ft, asc,  
also Road & pipe line in bottom  
canyon

69.00 Top ascent of 400ft. bears N.E. & S.W.  
ascend gradually.

~~78.48~~  
78.35 Set a limestone 22 x 14 x 8 in.,  
15 in. in the ground for cor. of  
secs. 29, 30, 31, & 32, marked  
with 1 notch on S. and 5 notches  
on E. edges, from which

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- X A Cedar 6 ins. diam., bears N. 71° 30' E.  
113 lks. dist., mkt. T. 21 N R 9 E S 29 BT
  - A dead Cedar 10 ins. diam., bears S. 60° 30' E. 60  
lks. dist., mkt. T. 21 N R 9 E, S 32 B.T.
  - A Cedar 5 ins. diam., bears S. 45° 40' W. 76<sup>ch.</sup>  
dist., mkt. T. 21 N R 9 E S 31 BT
  - A Piñon 5 ins. diam., bears N. 20° 40' W. 144<sup>ch.</sup>  
dist., mkt. T. 21 N R 9 E S 30 BT
- Land, mountainous.  
Soil, stony & the Rate.  
Timber, cedar and piñon.  
Mts. land covered with heavy  
timber ~~78.35~~<sup>78.48</sup> chs.

S. 89° 05' 4" E.

on a true line bet. sec. 29 and 32.

Over Ints. land covered with heavy  
cedar & piñon timber.

4,000 Set a limestone 24 x 12 x 9 ins.



Subdivision of T. 21 N. R. 9 E. <sup>3</sup>

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10 ins. in the ground (cannot set deeper) and build around stone around it, for  $\frac{1}{4}$  sec. cor. mkt.  $\frac{1}{4}$  on N. face, from which.

A Pinon 6 ins. diam, bears N. 40° 15' E. 83  
lks. dist, mkt.  $\frac{1}{4}$  S. 29 BT

A Pinon 6 ins. diam, bears S 18° 40' E. 39  
lks. dist, mkt.  $\frac{1}{4}$  S 32 BT

60.00 Begin gradual descent bears  
NW, + S. E.

66.00 Foot descent of 35 ft, bears NW, + S. E.

80.00 Set a limestone 28 X 18 X 8 ins., 12  
ins. in the ground (cannot set  
deeper) and build around of  
stone around it, for cor. of sec.  
28, 29, 32, + 33, marked with  
1 notch on S. and 4 notches on E. edge,  
from which

A Pinon 8 ins. diam, bears N. 44° 45' E.



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2 / 3 lks. dist., mksd. T. 21 N R 9 E S 28 BT

A Cedar 6 ins. diam., bears S. 35° 25' E. 114'

dist., mksd. T. 21 N R 9 E S 33 BT

A Cedar 6 ins. diam., bears S. 8° W. 127 lks.

dist., marked T. 21 N R 9 E S 32 BT

A Cedar 12 ins. diam., bears N. 40° 35' W. 82 lks.

dist., mksd. T. 21 N R 9 E S 29 BT

Land, Mts. & rolling.

Soil sandy & stony, 3<sup>rd</sup> & 4<sup>th</sup> Rate.

Timber, cedar & piñon.

Heavy timber 8000 Chs.

Note, - Clouds at noon present  
making obsn. for lat.

S. 89° 54' E.

on a true line bet. sec. 28 & 33.

Over rolling land thro heavy  
cedar & piñon timber & brush.

25.00 Begin gradual descent <sup>to S. 1/4</sup>

Subdivision of T. 21 N. R. 9 E. 5  
BOOK 388

- 4000 Set a limestone 22 x 16 x 11 ins, 10 ins,  
in the ground. (cannot set deep)  
and build mound of stone around  
it, for  $\frac{1}{4}$  sec. cor., mald.  $\frac{1}{4}$  on N.  
face; from which  
A Cedar 8 ins. diam, bears S. 12° W. 215 lks.  
dist, marked  $\frac{1}{4}$  S 28 BT
- Pinon 12 ins. diam, bears S. 74° 45' W. 220 lks.  
dist, mald.  $\frac{1}{4}$  S 33 BT
- 54.00 At foot descent of 35 ft. drain,  
course N. E.
- 65.00 Ridge 35 ft. high, bears N. 45.
- 72.00 Foot Ridge, bears N. 45.
- 8000 Set a limestone 16 x 10 x 5 ins, 10 ins,  
in the ground for cor. of sec. 27, 28,  
33 & 34, mald. with 1 notch on S.  
and 3 notches on E. edges; from which  
A Pinon 10 ins. diam, bear N. 60° 40' E. 152 lks.  
dist, mald. T. 21 N. R. 9 E. S 27 BT

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Prison 10 ins. diam., bears S.  $76^{\circ} E$ , 232 lbs.  
dist., mtd. T. 21 N. R. 9 E S. 34 BT

Prison 6 ins. diam., bears  $S. 66^{\circ} W$ , 35 lbs.  
dist., mtd. T. 21 N. R. 9 E S. 38 BT

Prison 9 ins. diam., bears N.  $29^{\circ} 30' W$ , 266 lbs.  
dist., mtd. T. 21 N. R. 9 E S. 28 BT

Land, rolling,

Soil sandy & gravelly & stony,  
3rd & 4th Rate

Timber Cedar & Juniper & brush &

Chafferal brush, \$0.00 Cha.

Sept. 29, 1902.

Sept. 30; at 8:30 am, tent, set off  
 $20^{\circ} 34\frac{1}{2}' S$ , on the decl. arc;  $35^{\circ} 08' N$ ,  
on the lat. arc; and determine  
true meridian with the solar  
at the last December sol.

Thence I run

Subdivision of T21N, R.9E.

BOOK 388

S. 89° 54' E.

on a true line bet. sec. 27 & 34

On rolling land covered with dead  
Cedar & pines & brush brush.

40.00 Set a limestone 20 x 14 x <sup>8</sup>/<sub>11</sub> in. in the  
ground (cannot set deeper) and

build a mound of stone around it, for  
1/4 sec. cor., mtd. 1/2 on N. face, from which

A Pison's in. diam., bears N. 72° 15' E. 178 lks.

dist. mtd. 40 27 BT

A Pison 6 in. diam., bears S. 11° 10' E. 51 lks.

dist. mtd. 40 34 BT

46.00 Drain, corral N.E. & road to  
Wisconsin

50.00 Enter dead timber & dense brush.  
bears N. & S.

80.00 Set limestone 24 x 18 x 12 in. 10  
in. in the ground, (cannot set deeper)  
and build a mound of stone around it  
for cor. sec. 26, 27, 34 & 35, mtd.



Subdivision of T. 21 N. R. 9 E.  
BOOK 388

with 1 notch on S & 2 notches on E  
edges; and raise a mound of  
stone 2 ft. base,  $\frac{1}{2}$  ft. high W of cor.  
Pits impracticable.

Land, rolling.

Soil, sandy, gravelly & stony <sup>33 ft.</sup>

Timber, cedar & pine.

Heavy timber or decal brush  
5000 ch.

S. 89054'E.

on a true line bet. sec. 26 & 35.

Over Rolling land, through dense  
buck & chaffal brush

- 18.00 Second, bear N. & S.  
27.00 Foot descent 30 ft. bear N. & S.  
35.00 Flat Draw, course S, ascend  
40.00 Hit a limestone 22 x 16 x 10 dia, 12 in.  
in the ground, (cannot set deeper)

Subdivision of T. 21 N., R. 9 E. '18

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and build a mound of stone around  
it; for  $\frac{1}{4}$  sec. cor., mkd  $\frac{1}{4}$  on N.  
face; from which

A Plun. 12 ins. diam., bears S.  $15^{\circ}16'W.$  153 lbs.  
dist, mkd.  $\frac{1}{4}$  S 35 BT

A Cedar 12 ins. diam., bears N.  $33^{\circ}W.$  83 lbs.  
dist, mkd.  $\frac{1}{4}$  S 26 BT

Var.  $14^{\circ}40' E.$

At this cor. I set off  $2^{\circ}38\frac{1}{2}' S.$  on the  
decl. arc; and at 11 h. 50 m. a.m.,  
last, observe the sun on the  
meridian; the resulting lat. is  
 $35^{\circ}08'$ ; which is correct.

- 42.00 Top of mesa, 40 ft. high bears N. & S.  
57.00 Descent, bears N. & S.  
62.00 Canyon 100 ft. deep, course N. & S.  
65.00 Top ascent of 100 ft., bears N. & S.  
Then a mesa covered with dead  
cedar & pine timber.

## Subdivision of T21N, R9E.

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80.00 Set a limestone 15x12x6 ins., 10 ins.  
in the ground for cor. of sec. 25,  
26, 35 & 36, mkd. with 1 notch on  
S. & E. edges; from which

A Pinon 8 ins. diam., bears N. 59° 30' E. 24  
ths. dist., mkd. T21NR9E S25 BT

A Pinon 10 ins. diam., bears S. 51° E. 84 ths.  
dist., mkd. T21NR9E S36 BT

A Pinon 6 ins. diam., bears S. 66° 20' W. 71 ths.  
dist., mkd. T2WR9E S35 BT

A Pinon 10 ins. diam., bears N. 51° 20' W. 81 ths.  
dist., mkd. T21NR9E S26 BT

Land. Mts. & rolling.

Soil, stony 3rd & 4th Rate.

Timber, Cedar & Juniper.

Heavy timber or dense brush  
good chs.

Subdivision of T21N. R. 9E.

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S. 89° 54' E.

on a true line bet. sec. 25 & 36.  
Over rolling land, thro heavy cedar  
and fir timber

20.00 Enter burnt timber, and dense  
brush & chaffal brush.

40.00 Set a limestone 15 x 10 x 6 ins, 11  
ins. in the ground for  $\frac{1}{4}$  sec. cor. and  
 $\frac{1}{4}$  on N. face and raise a  
mound of stone 2 ft. base,  $1\frac{1}{2}$  ft.  
high N. of cor. Pits impracticable.

80.00 The cor. to sec. 25, 30, 31, & 36,  
on E. bdy. of the S.

Land, rolling.

Soil, stony & sandy, 3<sup>rd</sup> & 4<sup>th</sup> strata

Timber, heavy cedar & fir.

Heavy timber or dense brush

80.00 chs.

Sept. 30, 1902.



Subdivision of T2N, R9E.  
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Oct. 1: at 8:30 a.m., left, I set off  
2°58' S, on the decl. arc; 75°18' N,  
on the lat. arc, and determine a  
true meridian with the solar  
at the cor. of sec. 25, 26, 35, & 36.

Thence I run

S. 0°01' E

on a true line bet. sec. 35 & 36.

Over rolling land through heavy  
cedar & pine.

28.00 Leave line & enter burnt timber,  
and clear track & chaffard bush  
bars E. & W.

40.00 Set a sandstone 18 x 8 x 7 in. 1 2 in.  
in the ground for  $\frac{1}{4}$  sec. cor. marked  
 $\frac{1}{4}$  on W. face; and raise a mound  
of stone 2 ft. base, 1 1/2 ft. high,  
W. of cor. Pitts impracticable.

60.00 Leave burnt timber & brush.

Subdivision of T. 21 N., R. 9 E., <sup>2-3</sup>

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and enter line Cedar & Spruce  
beams E. & W.

79.62 Intersect 5<sup>th</sup> Standard Parallel  
and S. ldy. of the T. 66 lks. W.  
of S. C. to Secs. 35 & 36, previously  
described.

Set a sandstone 18 x 12 x 5 ins., 12 ins.  
in the ground for closing cor. to sec.  
35 & 36, mkt. C.C. on N., with 1  
groove on E. & 5-9 grooves on W. faces;  
from which

A Cedar 6<sup>ins</sup> diam., bears N. 68° 50' E. 21 lks.  
dist., mkt. T. 21 N. R. 9 E. S. 36 BT

A Pine 8<sup>ins</sup> diam., bears N. 66° 05' W. 89 lks.  
dist., mkt. T. 21 N. R. 9 E. S. 35 BT

Land, rolling.

Soil, stony & sandy. 3<sup>rd</sup> & 4<sup>th</sup> Rate.

Timber, Cedar & Spruce.

Heavy timber or dense brush 79.62 ch.

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From the cor. of sec. 25, 26, 35 & 36.

Tran

N<sup>0</sup>01'W.

bet. sec. 25 & 26.

Over rolling land through  
heavy cedar & pinon.

5.00 Leave live timber & enter dense  
buck & chaffard brush & scattering  
burnt timber, bears E. & W.

39.00 South brink of canyon, bears N. E. & S. W.

40.00 Set a limestone 20x18x7 in., 15 in. in  
the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  on  
W. face; and raise a mound of  
stone 2 ft. base,  $1\frac{1}{2}$  ft. high. V. 6 of  
cor. pits impracticable from which

A Pine 26 in. diam. bears N 29° 30' E. 341

the dist., mkd.  $\frac{1}{4}$  S 25 BT

42.00 Canyon 75 ft. deep, course N. 30° E. to N.

45.00 Spaw 20 ft. high, bears E. & W. Enter

Subdivision of T. 21 N., R. 9 E. <sup>25</sup>

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- Cedar & pine timber.
- 47.00 Enter same canyon, course from S.E. to N.
- 52.25 Leave canyon course from S. to N. 30° E.
- 57.00 Spur 75 ft. high, bears E. & W.
- 59.01 Ravine 40 ft. deep, course E.
- 61.50 Spur, 50 ft. high, bears E. & W.
- 64.00 Ravine 40 ft. deep, course E. Leave timber & enter dense chaparral brush.
- 68.50 Ridge 40 ft. high, bears E. & W.
- 80.00 Set a limestone 15 X 12 X 5 ins., 10 ins. in the ground for cor. of sec. 23, 24, 25 & 26, marked with 2 notches on S. and 1 notch on E. edges; and raise a mound of stone 2 ft. base, 1½ ft. high W. of cor. Pit impracticable. Land, rolling, and Mts. Soil, sandy, & stony 35 ft. x 14 ft.



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Timber, Pine, Junon, & Cedar  
Heavy timber, Mts. land or  
dense brush, 50,000 chs

S. 89° 54' E.

on a random line bet. sec. 24 & 25.

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

7996 Intersect E. bdy. of the tp. 18 lts. S.  
of the cor. of sec. 19, 24, 25, & 30.

Thence run

S. 89° 58' W.

on a true line bet. sec. 24 & 25.

Over rolling land through dense  
brush & chaparral brush.

23.00 Brink of canyon, bear N.E. & S.W.

35.75 Canyon, 75 ft deep, course N.E.

39.00 Top W. Brink of canyon N.E. & S.W.

39.98 Set a limestone 18x10x5 ins. 12 ins. in  
the ground for  $\frac{1}{4}$  sec & cor, marked  $\frac{1}{2}$  on N.

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face; and raise a mound of stone 2 ft  
base, 1 1/2 ft. high, N. of cor. Pits  
impracticable.

79.96 The cor. of sec. 23, 24, 25, 26.

Land, rolling & dnt.

Soil, stony, 8<sup>th</sup> & 14<sup>th</sup> Rds.

Not timber, some grass.

Dense brush, 79.96 chs

Oct. 1<sup>st</sup>; at this cor. set off 302'

S. on the decl. cor; and at 11<sup>h</sup> 49<sup>m</sup>

am, but, observe the sun on the

meridian; the resulting lat. is

35° 09' 50" which is correct.

---

N. 0° 02' W.

bet. sec. 23 & 24.

Over rolling land, through dense  
buck & chaffal brush.

16.00 Enter dense cedar and fir  
timber, bears E. & W.

Subdivision of T. 21 N, R. 9 E  
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4000 Set a lava stone  $20 \times 20 \times 6$  ins., 15 ins  
in the ground for  $\frac{1}{4}$  sec. cor., mkd.  
 $\frac{1}{4}$  on W. face, from which  
A Pinon 8 ins. diam, bears  $N. 49^{\circ} 03' E. 95$   
lks. dist., mkd.  $\frac{1}{4} S 2 4 BT$

A Pinon 15 ins. diam, bears  $S. 27^{\circ} 55' W. 85$   
lks. dist., mkd.  $\frac{1}{4} S 2 3 BT$

8000 Set a lava stone  $18 \times 8 \times 5$  ins., 12 ins  
in the ground for cor. of secs. 13, 14,  
23, & 24, mkd. with 3 notches on S  
and 1 notch on E. edges, from which  
A Dead Cedar 8 ins. diam, bears  $N. 32^{\circ} 40' E. 181$   
lks. dist., mkd. T21NR9ES13BT

A Pinon 8 ins. diam, bears  $S. 11^{\circ} 17' E. 115$  lks  
dist., mkd. T21NR9ES24BT

A Cedar 8 ins., diam, bears  $S. 30^{\circ} 40' W. 176$  lks.  
dist., mkd. T21NR9ES23BT

A Cedar 12 ins. diam, bears  $N. 63^{\circ} W. 51$  lks. dist.,  
mkd. T21NR9ES14BT

Subdivision of T. 21 N., R. 3 E. <sup>2 2</sup>

BOOK 388

Land rolling,  
Soil stony & gravelly, good & 4<sup>th</sup> Rate.  
Timber, Heavy cedar & Fir.  
Heavy timber or dense brush, 8000 dm.

N. 89° 58' E.

on a random line bet. sec. 13 & 24

40.50

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

79.86

Intersect E. bdy. of the tp. 12 lks.

N. of the cor. of sec. 13, 18, 19 & 24.

Thence down

N. 89° 57' W.

on a true line bet. sec. 18 & 24.

Over Mts. land, covered with  
heavy cedar & Fir.

9.00

Desc. bears N. 48° E.

28.01

Foot of ridge, bears N. 48° E.

28.45

Santa Fe Pacific R.R. bears N. 52° 25' W.

N. 52° 25' E.



Subdivision of T. 21 N. R. 3 E.  
BOOK 388

- 33.00 Road, bears N.W. & S.E., Entersect-  
ing and dense brush.
- 39.93 Set a lava stone 20x10x6 ins., 15 ins.  
in the ground for  $\frac{1}{4}$  sec. cor., sunk  
 $\frac{1}{4}$  on N. face; dig pits 18x18x12  
ins. E. & W. of stone 3 ft. dist; and  
raise a mound of earth  $3\frac{1}{2}$  ft. base,  
1 $\frac{1}{2}$  ft. high, N. of cor.
- 50.00 Enter dense Cedar & Junon timber  
bears N.W. & S.E.
- 79.86 The cor. of secs. 13, 14, 23 & 24  
Land, Mts. & rolling.  
Soil, stony, 4th Rate  
Timber, Cedar & Junon.  
Heavy timber or dense brush 79.86 chs.

N. 0. 01' W.

bet secs. 13 & 14

Over rolling land, through

Subdivision of T21N, R9E.<sup>31</sup>  
BOOK 388

dense Cedar & piñon.

28.50 Road bears N. 1/4 S. E.

29.55 S. F. P. R. R., bears N.  $57^{\circ}25'W$  &  
S.  $57^{\circ}25'E$ ,

31.00 Ascend. bears N.  $60^{\circ}W$ ,  $86^{\circ}E$ .

40.00 Set a lava stone  $20 \times 10 \times 4$  ins.  $\frac{1}{2}$   
ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
mkd.  $\frac{1}{4}$  on W. face; from which  
A Cedar 10 ins. diam. bears N.  $76^{\circ}30'E$ .

66 lks. dist., mkd.  $\frac{1}{4}$  S 13 BT

A Cedar 8 dia. diam., bears S.  $15^{\circ}35'W$ . 77 lks.  
dist., mkd.  $\frac{1}{4}$  S 14 BT

Also the ruins of ancient stone  
walls bear S.  $26^{\circ}E$ , 315 lks. dist.

51.00 Top of Ridge & ascent of 50 ft.  
bears E. & W.

52.00 Desc. bears E. & W.

70.00 Foot descent of 4 ft. bears E & W

71.00 Asc. gradually. bears E. & W.

## Subdivision of T. 21 N. R. 9 E.

BOOK 388

80.00 Set a lava stone  $30 \times 20 \times 10$  ins., 15  
 ins. in the ground for cor. of sec.  
 11, 12, 13, & 14, mtd. with 4 notches  
 on S. and 1 notch on E. edges; from  
 which

A Cedar 10 ins. diam., bears N.  $28^{\circ} 28' E.$  92  
 lbs. dist., mtd. T. 21 N. R. 9 E. S. 12 BT.

A Cedar 10 ins. diam., bears S.  $82^{\circ} 25' E.$  115  
 lbs. dist., mtd. T. 21 N. R. 9 E. S. 13 BT

A Cedar 6 ins. diam., bears S.  $30^{\circ} 18' W.$  133  
 lbs. dist., mtd. T. 21 N. R. 9 E. S. 14 BT

A Cedar 8 ins. diam., bears N.  $54^{\circ} 45' W.$  115  
 lbs. dist., mtd. T. 21 N. R. 9 E. S. 11 BT

Land. Mts. & rolling.

Soil. stony, & the like.

Timber, Cedar & spruce.

Mts or heavily timbered land  
 80.00 chs.

October 1<sup>st</sup> 1902.

Subdivision of T. 21 N., R. 9 E. <sup>33</sup>

BOOK 388

Oct. 2<sup>nd</sup>; at 8<sup>h</sup> 30<sup>m</sup> a.m., sent, &  
set off 3° 21' S. on the decl. arc;  
35° 10' 40" on the lat. arc, and  
determine a true meridian  
with the solar at the last  
described cor.

Thence I run  
S. 89° 57' E.

on a random line bet. sec. 12 & 13,

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

79.68 Intersect E. bdy. of the tp. 7 lbs.  
N. of the cor. of sec. 7, 12, 13 & 18.

Thence I run  
N. 89° 54' W.

on a true line bet. sec. 12 & 13.

Over Onto. land through heavy  
Cedar & Spruce timber.

39.84 Set a lava stone 25 x 14 x 10 ins.,  
12 ins. in the ground. Can



Subdivision of T. 21 N., R. 9 E.  
BOOK 388

not set deeper) and built a mound of stone around it, for  $\frac{1}{4}$  sec. cor., mkt.  $\frac{1}{4}$  on N. face, from which

A Cedar <sup>8</sup> ~~division~~, bears <sup>15° 15'</sup> S. ~~50° 47'~~ <sup>45</sup> W. ~~42~~

lks. dist., mkt.  $\frac{1}{4}$  S 13 BT

A Cedar <sup>18</sup> ~~division~~, bears <sup>22° E</sup> N. ~~50° 47'~~ <sup>22</sup> W. ~~42~~ 29 lks.

dist., mkt.  $\frac{1}{4}$  S 12 BT

70.00 Ascend gradually, bears N. 75.

79.68 The cor. of sec. 11, 12, 13, & 14.

Land, mts. & rolling.

Soil, stony & volcanic cinders, 4<sup>th</sup> Rate.

Timber, heavy cedar & firs.

79.68 Chs.

N. 0° 01' W.

bet. sec. 11  $\frac{E}{S}$  12.

Over rolling land, through

Subdivision of T21N, R9E, <sup>35</sup>  
BOOK 388

- heavy cedar & fir on timber
- 40.00 Set a lava stone  $20 \times 14 \times 12$  ins.,  
15 ins. in the ground for  $\frac{1}{4}$  sec.  
cor., mkt.  $\frac{1}{4}$  on W. face from which  
A Cedar 6 ins. diam., bears S  $35^{\circ} 55'$  W. 22  
lks. dist., mkt.  $\frac{1}{4}$  S 11 BT
- A Cedar 6 ins. diam., bears N,  $19^{\circ} 48'$  E. 100 lks.  
dist., mkt.  $\frac{1}{4}$  S 12 BT.
- 80.00 Set a lava stone,  $18 \times 10 \times 8$  ins., 12 ins.  
in the ground for cor. of sec. 1, 2,  
11, & 12, mkt. with 5 notches on S.  
and 1 notch on E. edges; from which  
A Cedar 30 ins. diam., bears N.  $20^{\circ} 02'$  E. 442  
lks. dist., mkt. T21NR $\theta$ ES1BT
- A Fir 10 ins. diam., bears S.  $43^{\circ} 42'$  E. 87 lks. dist.,  
mkt. T21NR $\theta$ ES12BT
- A Cedar 6 ins. diam., bears S.  $70^{\circ}$  W. 29 lks.  
dist., mkt. T21NR $\theta$ ES11BT
- A Fir 10 ins. diam., bears N.  $75^{\circ} 25'$  W. 88 lks.

Subdivision of T. 21 N., R. 9 E.  
BOOK 388

dist. mtd., T. 21 N. R. 9 E. S. 2 B. T.  
Land, rolling,  
Soil, stony volcanic cinders  
4<sup>th</sup> Rate.  
Timber, heavy cedar & Spruce, 8000 cu

S. 89° 34' E.

on a random line bet. sec. 1 & 2,

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

79.94 Intersect E. bdy. of the tp. 14 th.

S. of the cor. of sec. 1, 6, 7, & 12.

Thence I run

West,

on a true line bet. sec. 1 & 2,

Over Mts. land, through heavy  
Cedar & Spruce.

39.97 Set a lava stone 20 x 16 x 6 ins., 15 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., mtd.  $\frac{1}{4}$  on  
N. face; from which

Subdivision of T. 21 N., R. 3 E. <sup>37</sup>

BOOK 388

A Pinon 10 in. dia., diacon, bears S.  $10^{\circ}$  W. 2546.  
dist, mtd.  $\frac{1}{4}$  S I.B.T.

A Pinon 8 in. diacon, bears N.  $10^{\circ}$   $\frac{1}{2}$  W. 62.96.  
dist, mtd.  $\frac{1}{4}$  S I.B.T.

79.94 The cor. of sec. 1, 2, 11, & 12.

Land, rolling & Mts.

Soil, stony & volcanic cinders,  
4<sup>th</sup> Rate,

Timber, heavy cedar & pines,  
79.94 chs.

Oct. 2; At this cor. I set off  
 $3^{\circ} 25' S.$  on the decl. arc; and at  
11<sup>h</sup> 49.5 min., hnt., observe  
the sun on the meridian;  
the resulting lat. is  $35^{\circ} 11' 30''$   
which is correct.

---

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

on a random line bet. sec. 1 & 2.



## Subdivision of T. 21 N., R. 9 E.

BOOK 388

40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.80 Intersect N. Bdy. of the sp. 21<sup>th</sup>.  
E. of the cor. of secs. 1, 2, 35 & 36.

Thecedrun

S. 0° 10' E.

on a true line bet. secs. 1 &amp; 2,

Over rolling land through  
heavy cedar & pines.79.80 Set a sandstone 20 x 20 x 8 ins., 15 ins.  
in the ground for  $\frac{1}{4}$  sec. cor.,mkd.  $\frac{1}{4}$  on W. face, from which

A Prism 8 ins. diam., bears N. 22° 25' E. 195

chs. dist., mkd.  $\frac{1}{4}$  S 1 BT

A Cedar 6 ins. diam., bears S. 8° 20' W. 60 chs.

dist., mkd.  $\frac{1}{4}$  S 2 BT

79.80 The cor. of secs. 2, 2, 11 &amp; 12.

Land, rolling,

Soil, stony &amp; volcanic cinders,

1<sup>st</sup> Rate.

Timber, Cedar &amp; Pines, 79.80 chs. Oct. 2, 1902.

39

Subdivision of T. 21 N., R. 3 E.,  
BOOK 388

Oct. 3, 1902; at 8<sup>h</sup> 4<sup>m</sup> a.m., cont.,  
I set off  $3^{\circ} 43' S.$  on the *ded. arc*,  
 $35^{\circ} 08' N.$  on the *lat. arc*; and  
determine a true meridian with  
the solar at the cor. of secs.  
26, 27, 34, & 35.

Thence I run,

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

on a true line bet. secs. 34 & 35.

Over rolling land, through dense  
buck & chaparral brush.

40.00 Set a sandstone  $18 \times 10 \times 5$  ins.,<sup>12</sup>  
ins. in the ground for  $\frac{1}{4}$  sec. cor.  
mkd.  $\frac{1}{4}$  on W. face; and raise a  
mound of stone 2 ft. base,  $1\frac{1}{2}$  ft.  
high. W. of cor. Pits impracticable.

56.65 Enter Cedar & pinon timber  
bears E. & W.

60.65 Drain, course W. Enter burnt timber

Subdivision of T. 21 N., R. 9 E.  
BOOK 388

- 74.60 Enter heavy timber, bears E & W.  
80.51 Intersect 5<sup>th</sup> Standard Parallel and  
S. bdy. of the tp. 109 lks. W. of the  
S. C. of sec. 34 & 35, previously  
described.

Set a limestone 8 X 12 X 6 ins., 12 ins.  
in the ground for closing cor. of  
secs 34 & 35, mtd. C. C. jun.  
with 2 grooves on E. & 4 grooves  
W. face; from which

A Pinon 14 ins. diam., bears N 1° 5' 0" W. 56  
lks. dist., mtd. T. 21 N. R. 9 E. S. 34 BT

A Cedar 25 ins. diam., bears N. 53° 17' E. 66  
lks. dist., mtd. T. 21 N. R. 9 E. S. 35 BT.

Land, rolling,

Soil, sandy & stony, 3<sup>rd</sup> & 4<sup>th</sup> Secs.

Timber, Cedar & Pinon,

Heavy timber or deced brush 80.51 chs.

Subdivisions of T. 21 N. R. 9 E.

BOOK 388

From the cor. of sec. 26, 27, 34, & 35.

Drum

N. 0° 01' W.

bet. sec. 26 and 27.

Over Rolling land through  
dense buck & chaparral brush.

38.00 Drain, course, S.E.

40.00 Set a sandstone 14 X 12 X 8 ins,  
10 ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
mkd.  $\frac{1}{4}$  on W. face; and raise a  
mound of stone 2 ft. base,  $1\frac{1}{2}$  ft.  
high W. of cor. Pits impracticable; from which  
a Pinon 10 ins. diam., bears S 61° 56' W.  
142 lbs. diet., mkd.  $\frac{1}{4}$  & 27 BT  
No other tree near.

43.00 Enter dense cedar & fir on ridge  
beard E. & W.

57.00 Drain, course S.E.

80.00 Set a limestone 20 X 18 X 4 ins., 15 ins.



Subdivision of T. 21 N., R. 9 E.  
BOOK 388

in the ground for cor. of sec  
22, 23, 26, & 27, mkd. with 2  
notches on S. & E. edges; from which  
A Cedar 14 ins. diam., bears N. 25° 07' E. 43

lks dist, mkd. T 21 N R 9 E S 23 BT

A Pinon 6 ins. diam., bears S. 79° 04' E. 26 lks.

dist, mkd T 21 N R 9 E S 26 BT

A Pinon 10 ins. diam., bears S. 74° 49' W. 84 lks.

dist, mkd T 21 N R 9 E S 27 BT

A Pinon 11 ins diam., bears N. 29° 02' 5" W. 106 lks.

dist, mkd T 21 N R 9 E S 22 BT

Land, rolling.

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

Timber, Cedar & Pinon.

Heavy timber or dense brush. 8000 ac.

S. 89° 54' E.

on a random line bet. sec. 23 & 26.

4000

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

Subdivision of T21N, R3E,  
BOOK 388

43

50.08 Intersect N. 40. line 4 lks N. of the  
Cor. of sec. 23, 24, 25 & 26.  
Thence S run  
N. 89° 52' W.

on a true line bet. sec. 23 & 26.

Over rolling land thro dense brush.

22.00 Entered heavy cedar & pine timber  
bears N. E. & S. W.

40.04 Set a limestone 14 x 10 x 8 ins. 10 ins.  
in the ground for  $\frac{1}{4}$  sec. cor. mtd.  $\frac{1}{4}$  on N.  
face; from which

A Pinon 14 ins. diam bears N. 51° 35' E. 71 lks.  
dist, mtd.  $\frac{1}{4}$  S 23 BT

A Pinon 6 ins. diam, bears S. 26° 15' E. 50 lks. dist.  
mtd  $\frac{1}{4}$  S 26 BT

50.08 The cor. of sec. 22, 23, 26, & 27,  
Level, level & Rolling.  
Soil, sandy & stony, 3  $\frac{1}{2}$  to 4 th. Rate.  
Timber, Cedar & pine, brush 50.08 chs.

Subdivision of T. 21 N. R. 9 E.  
BOOK 388

Oct. 3<sup>rd</sup>, at this cor. I set off  $3048.5'$   
on the decl. arc, and at 11<sup>h</sup> 49<sup>m</sup>  
a.m., but, observe the sun on  
the meridian; the resulting  
lat. is  $35^{\circ} 09'$ ; which is about  
 $0.1'$  greater than the proper lat.

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

bet. sec. 22 & 23.

Over rolling land through heavy  
cedar & piñon timber, along  
W. slope of low ridge.

29.50 Foot of N. end ridge, bears E. & W.

Leave heavy timber & enter  
dense brush.

31.75 Road to Winona, bears N. E. & S. W.

34.00 Enter timber, bears E. & W.

40.00 Set a limestone  $15 \times 10 \times 6$  ins., 10  
ins. in the ground for  $\frac{1}{4}$  sec. cor.

Subdivision of T. 21 N., R. 9 E.  
E. OK 388

mkd.  $\frac{1}{4}$  on W. face; from which  
A Pinon 12 ins. diam., bears N. 46° 46' E.

171 lbs. dist., mkd.  $\frac{1}{4}$  S 23 BT

A Pinon 8 ins. diam., bears N. 62° 20' W. 57 lbs.

dist., mkd.  $\frac{1}{4}$  S 22 BT

+ 63.50 Leave timber bears E. & W. Then  
across open flat covered with  
dense chick undergrowth.

74.50 Road to Winona, bears N. 20° W. & S 20° E.

80.00 Set a Malpais 20 x 10 x 8 ins., 15 ins. in  
the ground for cor. of sec. 14, 15, 22,  
and 23, marked with 3 notches  
on S, and 2 notches on E. edges;  
dig pits 18 x 18 x 12 ins. in each sec.  
5 $\frac{1}{2}$  ft. dist.; and raise a mound of  
earth 4 ft. base, 2 ft. high W. of cor.  
Land, rolling & level.

Soil, sandy loam & clay 2 A & 4 B. Rate.

Timber cedar & pine

Heavy timber or dense brush 80,000 chs.



## Subdivision of T. 21 N. R. 9 E.

S. 89° 52' E.

on a random line bet. sec. 14 &amp; 23.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.80.12 Intersect N. & S. line at the cor. of  
secs. 13, 14, 23 & 24.

Thence a run

N. 89° 52' W.

on a true line bet. secs. 14 &amp; 23.

Over rolling land through dense  
Cedar & Fir timber.

30.00 Drain, course N. E. ascend.

39.00 Ridge 175 ft. high, bears N. &amp; S.

40.06 Set a Malpais 13 x 8 x 7 ins., 8 ins. in the  
ground for  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face,  
from which a Pinus 5 in. diam., bears  
N. 26° 55' E. 61 ch. dist., mkd.  $\frac{1}{4}$  S 14 BTA Pinus 6 in. diam., bears <sup>530'</sup> S. 14° 20' E. 31 ch. dist.  
mkd.  $\frac{1}{4}$  S 23 BT

41.00 Desc., bears N. &amp; S.

BOOK 388  
Subdivision of T. 21 N., R. 9 E. 47

68.80 Road, bears N. 30° E. vs. 30° W,  
70.00 Foot of Ridge & descent of 225 ft.  
bears N. vs. Lean timber and  
entire dense chie & chaffinal brush.

80.12 The cor. of secs. 14, 15, 22, & 23.

Land, Mts, & Rolling.

Soil stony & sandy loam, 3<sup>rd</sup> & 4<sup>th</sup> Rate.  
Timber, Cedar & Spruce.

Heavy timber, or dense brush 80.12 obs.

Oct. 3<sup>rd</sup>, 1902.

Oct. 4<sup>th</sup>, 1902. At 8<sup>th</sup> Ave., cont., Set  
off 4° 07' S. on the decl. an.; 35° 09' 40"  
on the Lat. an.; and determine a  
true meridian with the solar at  
the last described cor.

Thence Draw

N. 0° 01' W.

bet. secs. 14 & 15.

- Over level land through chico  
and chaffaral brush.
- 11.00 Enter Cedar & Pinon timber,  
and ascend, bears E. & W.
- 15.00 Ridge, 20ft high, bears E. & W.  
Descend,
- 20.00 Foot of ridge & descent of 40ft.  
bears N.W. & S.W., ascend.
- 22.00 Ridge 50ft. high, bears E. & W.  
Thence along W. side of ridge.
- 40.00 Set a lava stone 4 x 8 x 6 ins. 10 ins.  
in the ground for  $\frac{1}{4}$  sec. cor.  
mkd.  $\frac{1}{4}$  on W. face, from which  
a Pinon 14 ins. diam., bears N. 35° 35' E.  
4 lks. dist., marked  $\frac{1}{2}$  S 14 BT
- A Pinon 10 ins. diam., bears S. 15° 30' E. 20  
lks. dist., mkd.  $\frac{1}{2}$  S 15 BT
- 43.00 Ravine, course N. E. & Road <sup>bears.</sup> N. E. & S. W.
- 45.00 Santa Fe R.R. Pipe line, bears N. 30° E.

Subdivisions of I. Q. N. R. 9 E. 49

BOOK 388

- 47.00 Road, bears N. E. 45 W. Leave timber & enter chapparal & buck brush.
- 51.00 Road, bears N. E. 45 W.
- 56.00 Road, bears N. E. 45 W.
- 62.82 S. F. P. R. R. bears N. 71° W. 73 7/10° E. <sup>Exp</sup>  
 Winona Station bears S. 74° 18' E.  
 4.26 chs. dist.
- 70.00 Walnut Canyon, 4 ft. deep, course N. E.
- 75.50 Walnut Canyon, 4 ft. deep course W. to N. W.
- 80.00 Set a lava stone 20 X 10 X 5 ins., 15 ins. in the ground for cor. of sec. 10, 11, 14, & 15, marked with 4 notches on S. and 2 notches on E. edges; dig pits 18 X 18 X 2 ins. in each sec., 5 1/2 ft. dist., and raise mound of earth 4 ft. base, 2 ft. high W. of cor.
- Land, Rolling, rough & broken,  
 Soil, stony & sandy loam, 2<sup>nd</sup> & 4<sup>th</sup> Rate  
 Timber, Cedar & spruce.  
 Mts, heavy timber & brush land 8000 chs



## Subdivision of T. 21 N., R. 9 E.

BOOK 385

BOOK 388

S.  $89^{\circ}52'E$ .

on a random line bet. sec. 11 &amp; 14.

110.00 Set temp.  $\frac{1}{4}$  sec. cor.80.12 Intersect N. & S. line 30 lbs. S. of  
the cor. of sec. 11, 12, 13 & 14.

Thence run

S.  $89^{\circ}55'W$ .

on a true line bet. sec. 11 &amp; 14.

Over rolling land through  
Cedar & Pinon timber.15.00 Ridge, bears N. & S. (Var.  $13^{\circ}55'E$ )

24.00 Ravine, course, S.

35.00 Ridge, bears N. &amp; S.

40.06 Set a lava stone  $20 \times 12 \times 8$  ins.  $15$  ins.  
in the ground for  $\frac{1}{4}$  sec. cor., mkd.  
 $\frac{1}{4}$  on N. face; from whichA Pinon 16 ins. diam., bears N.  $83^{\circ}30' 228$ lbs. dist., mkd.  $\frac{1}{4}$  S 11 BTA Pinon 12 ins. diam., bears S.  $72^{\circ}E$ . 2/3 lbs.

Subdivision of T. 21 N., R. 9 E.

BOOK 388

81

- dist. mhd.  $\frac{1}{4}$  S 14 BT. (Var. 16° 00' E)
- 58.00 Leave Cedar & pinon & enter chie  
& Chapparal brush bears N.W. & S.E.
- 74.00 Road bears NW, & S.E.
- 80.12 The cor. of sec. 10, 11, 14 & 15.  
Land, Mts, Rolling & level.  
Soil, stony & sandy loam, 2<sup>nd</sup> & 3<sup>rd</sup> Rate.  
Timber, Cedar & pinon.  
Mts. heavy timber or brush land  
80.12 Chs.

✓

N. 0° 01' W.

bet. sec. 10 & 11.

Over nearly level land, covered  
with chie's brush.

- 5.00 Road bears NW, & S.E.
- 20.00 Road, bears NW, & S.E.
- 39.00 Walnut Canyon 25 ft. deep, coarse & s.
- 40.00 Set a lava stone 14 x 10 x 8 ins., 10 ins.

## Subdivision of T. 21N, R. 9E.

BOOK 388

in the ground for  $\frac{1}{4}$  sec. cor., marked  
 $\frac{1}{4}$  on W. face; dig pits 18X18X12  
 ins. N. & S. of stone 3 ft. diet; and  
 raise a mound of earth  $3\frac{1}{2}$  ft.  
 base,  $1\frac{1}{2}$  ft. high W. of cor.

80.00

Set a limestone 16X14X6 ins., 10  
 ins. in the ground for cor. of sec.  
 2, 3, 10, & 11, marked with 5  
 notches on S. and 2 notches on E.  
 edges; dig pits 18X18X12 ins.,  
 in each sec.  $5\frac{1}{2}$  ft. diet; and  
 raise a mound of earth 4 ft. base,  
 2 ft. high W. of cor.

Land, level, &amp; Rolling.

Soil, sandy loam & clay, 2<sup>nd</sup> &  
 3<sup>rd</sup> rate.

No timber. Chis brush 80.00 chs

Oct. 4; at this cor. I set off

4° 11' 30" S. on the decl. cor; and at

## Subdivision of T. 21 N., R. 9 E.

11<sup>h</sup> 49<sup>m</sup> a.m., but, observe the  
sun on the meridian; the resulting  
lat. is  $35^{\circ} 11' 30''$ ; which is correct.

N.  $89^{\circ} 55' E.$

on a random line bet. sec. 2 & 11.

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

80.16 Intersect N. & S. line 2 lks. S.  
of the cor. of sec. 1, 2, 11, & 12.

Thence I run

S.  $89^{\circ} 54' W.$

on a true line bet. sec. 2 & 11.

Over Mts. land through heavy  
Cedar & Pinon timber.

18.00 Ascend steep E. slope of Cinder Mtn.

34.00 Top of Cinder Mtn. 600 ft. high,  
bears N. & S. Thence across top.

36.00 Descend W. slope of Mtn.

40.08 About 100 ft. below top.



## Subdivision of T. 21 N, R. 9 E.

Set a land stone 20x12x8 ins. 15  
ins. in the ground for  $\frac{1}{4}$  sec. cor.  
mkd.  $\frac{1}{4}$  on N. face; from which  
A. Pinon 10 ins. diam., bears N. 20° E. 61  
llcs. dist., mkd.  $\frac{1}{4}$  S 2 BT

A. Pinon 8 ins. diam., bears S. 89° W. 70 llcs.  
dist., mkd.  $\frac{1}{4}$  S 11 BT.

- 60.00 Foot descent of 600 ft. bears N. 35  
Leave timber & enter chert brush
- 73.00 Walnut Canyon 40 ft. deep Course N. 35  
Ascent gradually to
- 80.16 The cor. of secs. 2, 3, 10, & 11.  
Land. Mts. & rolling.  
Soil, sandy, stony, (volcanic  
cinders), 300 & 400 ft. Rate  
Timber, Cedar & Pinon.  
Mts. heavily timbered or brush  
land. S. 0. 16 Chs.

Subdivision of T<sub>2</sub>N., R. 9 E.

N. 0° 0' 1" W.

on a random line bet. sec. 2 &amp; 3.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.79.78 Intersect N. bdy. of the tp. 37<sup>th</sup> Sec.  
E. of the cor. of sec. 2, 3, 34 & 35.

Thence I run

S. 0° 17' E.

on a true line bet. sec. 2 &amp; 3.

Over Mts. land. through heavy  
cedar & pine timber.

13.00 Descend, bears N.E. &amp; S.W.

36.00 Walnut canyon 4 ft. deep. course N.W.  
Same timber enter this land.39.78 Set a lava stone 18 X 10 X 8 ins, 12 ins. in  
the ground for  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W  
face; dig pits 18 X 18 X 12 ins, N. & S. of  
stone 3 ft. dist; and raise a mound of  
earth 3  $\frac{1}{2}$  ft. base, 1  $\frac{1}{2}$  ft. high. W. of cor.

79.78 The cor. of sec. 2, 3, 10, &amp; 11.

Land, Mts. and Rolling.

## Subdivision of T. 21 N., R. 9 E.

Soil, stony, & sandy & clay loam;  
2<sup>nd</sup> & 4<sup>th</sup> Rate.

Timber, Cedar & pinon.  
Mts, heavily timber or  
brush land, 79, 78 chs.  
Oct. 4, 1902.

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Oct. 6: at 8<sup>h</sup> 03<sup>m</sup> A.M., but, set  
off  $4^{\circ}54' S.$  on the decl. arc;  
 $35^{\circ}08' N.$  on the lat. arc; and  
determine a true meridian  
with the solar, at the cor. of sec.  
27, 28, 33, & 34.

Thence I run  
 $S. 0^{\circ}02' E.$

on a true line bet. sec. 33 & 34,  
Over Rolling land, through  
Cedar & pinon timber &  
Chapparal brush.

## Subdivision of T. 21 N., R. 9 E.

- 9.50 Ridge, 30 ft. high, bears E. & W.
- 24.00 Descent, bears E. & W.
- 33.50 Road, bears E. & W.
- 34.50 Foot descent of 35 ft. bears E. & W.
- 37.00 Ridge, bears E. & W.
- 40.00 Set a limestone 18 X 12 X 7 ins., 12  
ins. in the ground for  $\frac{1}{4}$  sec. cor.,  
mkd.  $\frac{1}{4}$  on W. face; from which  
A Pinon 8 ins. diam., bears N. 82° E. 94 lbs.  
dist., mkd.  $\frac{1}{4}$  S 34 BT
- A Pinon 8 ins. diam., bears S. 60° 30' W. 39 lbs.  
dist., mkd.  $\frac{1}{4}$  S 33 BT.
- 80.81 Intersect 5<sup>th</sup> Standard Parallel  
and S. bdy. of the tp. 80 lbs. W.  
of the S. C. of sec. 33 & 34, previously  
described.  
Set a limestone 16 X 12 X 5 ins., 10 ins.  
in the ground for closing cor. of  
secs. 33 & 34, mkd. C.C. on W.



## Subdivision of T. 21 N., R. 9 E.

with 3 grooves on E. & W. face;  
from which

A Pinon 8 ins. diam., bears N. 30° 45' E. 84  
lks. dist., mkt. T21NR9ES34BT

A Pinon 9 ins. diam., bears N. 37° 50' W. 19 lks.  
dist., mkt. T21NR9ES33BT

Land, rolling.

Soil, stony, 3<sup>rd</sup> & 4<sup>th</sup> Rate.

Timber, Cedar & Pinon.

Heavy timber, 80, 81 cho.

From the cor. of sec. 27, 28, 33, & 34,

Run

N. 0° 02' W.

bet. sec. 27 & 28.

Over rolling land through  
Cedar & Pinon timber.

40.00 Set a limestone 16 x 10 x 4 ins., 10  
ins. in the ground for  $\frac{1}{4}$  sec.

## Subdivision of T. 21N, R. 9E.

cor., mkd.  $\frac{1}{4}$  on W. face; from which  
A Pinon 5 ins. diam., bears S. 77° 35' W. 13 1/2 lbs.

dist., mkd.  $\frac{1}{4}$  S 28 BT

A Pinon 5 ins. diam., bears S. 81° 30' E. 15 1/2 lbs.

dist., mkd.  $\frac{1}{4}$  S 27 BT

5000 Enter scattering timber & dense  
Chapparal & Chico brush bears E 4 W

8000 Set a limestone 15 X 14 X 5 ins., 10 ins.

in the ground for cor. of secs. 21, 22,

27 & 28, mkd. with 2 notches on S.

and 3 notches on E. edges; dig pits

18 X 18 X 12 ins., in each sec. 5 1/2 ft.

dist.; and raise a mound of earth

4 ft. base, 2 ft. high. W. of cor.

from which

A Pinon 9 ins. diam., bears S. 85° E. 220 lbs.

dist., mkd. T. 21N R 9E S 27 BT

No other trees near.

Land rolling.