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Book "J"  
(Subdivisions)

# FIELD NOTES

BOOK 2986

RE-  
OF THE SURVEY OF PART

of the

SUBDIVISION LINES OF

TOWNSHIP 9 NORTH, RANGE 21 EAST.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Sidney E. Blout,

In the capacity of U. S. Surveyor, under instructions dated December 16, 1914,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 40, which were approved by the Commissioner of the General Land  
Office, January 27, 1914.

Re- Survey commenced July 5, 1914.

Re- Survey completed July 14, 1915.

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1A

BOOK 2986

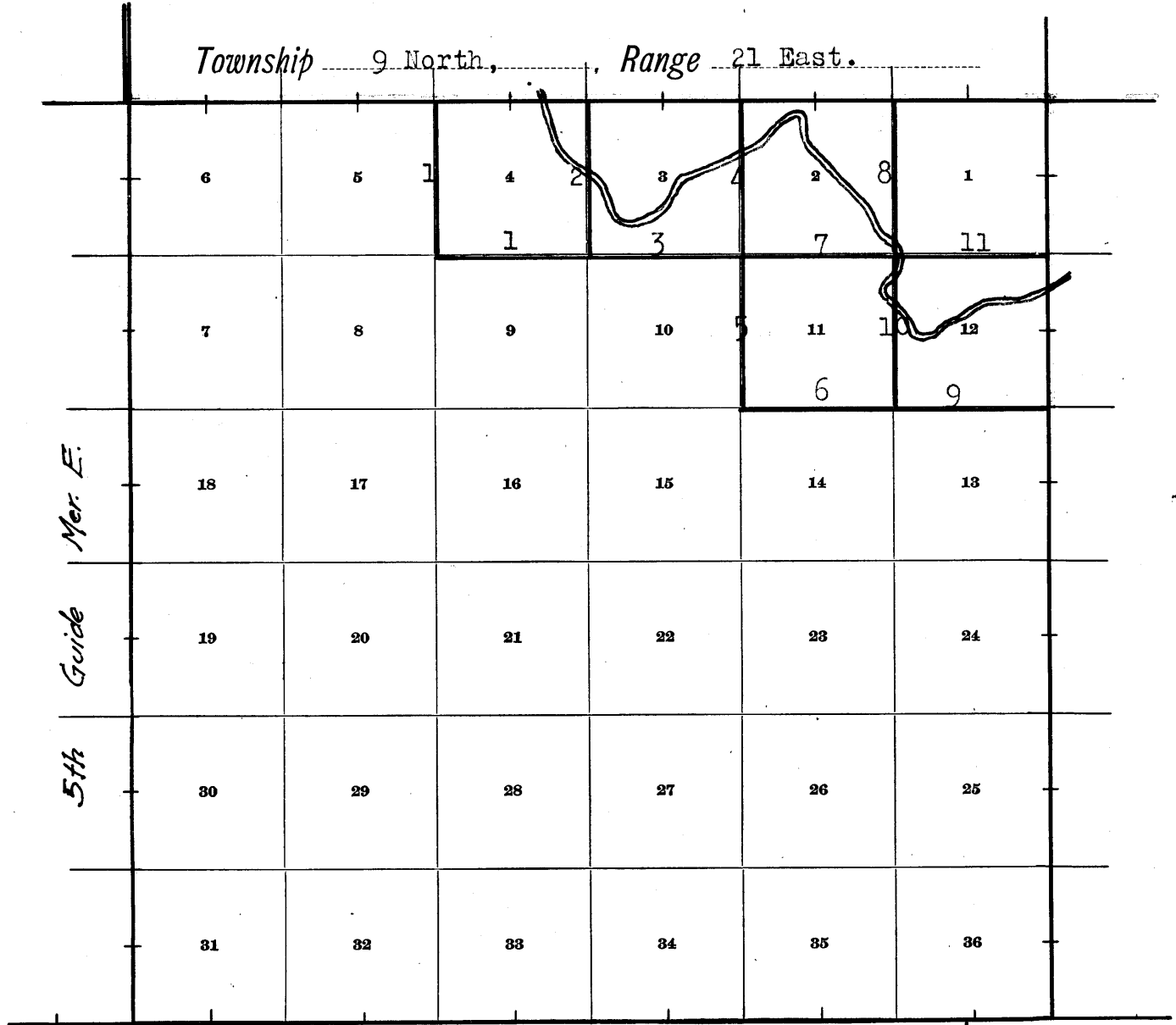
Book "J."

Group 40 - - - Arizona.

Book "J"






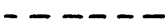
# INDEX DIAGRAM.

Township 9 North, Range 21 East.



2nd Standard Parallel North.

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-  Subdivision lines <sup>re</sup> surveyed. Notes in this book.
-  Tp. bdrs. retraced or resurveyed. Notes in Book "A."
-  Standard lines retraced or resurveyed. Notes in Book "C."
-  North bdy. Ft. Apache Indian Reservation retraced. Notes in Book "B."
-  Accepted surveys.
-  Unsurveyed lines.

Partial Resurvey of subdivision lines of T.9 N., R. 21 East. 18

Chains.

Resurvey commenced July 5, 1915, and executed with a Young and Sons light mountain transit No.10, described in Book "A."

I examine the adjustments of the transit, and find them to be correct, and know from recent tests of the solar apparatus by comparing its indications resulting from solar observations made during a.m. and p.m.hours with a meridian established by observations on Polaris that the instrument is in satisfactory adjustment.

A 5 chain steel tape and clinometer are the instruments employed in the determination of all distances measured in this resurvey.

At the old cor. of secs. 4,5,32 and 33 on N. bdy.of Tp., later reestablished by me as described in Book "A."Latitude 34° 11' 20" N.; longitude, 110°08'W.,

At 10h. 4m. a.m., l.m.t., I set off 34°11'N. on the lat.arc; 22°52'N. on the decl.arc, and determine a meridian with the solar.

Thence, S.0°11'E. on a random line, bet. secs.4 and 5.

40.00 I make a diligent search for the old 1/4 sec.cor., which I fail to find; therefore, continue line and measurement.

80.60 Fall 98 lks.W. of the old cor. of secs.4,5,8 and 9, which is a sandstone 12x12x10 ins. above ground, firmly set, marked and witnessed, as described by the surveyor general.

True course and dist.of line bet. secs.4 and 5 is therefore N.0° 53' W., 80.61 chs.

Thence, N.0° 53' W., on a true line, bet. secs.4 and 5.

Ascend SE.slope, of spur, over stony, mountainous land, through pine, oak, and juniper timber and dense oak and manzanita brush undergrowth 4 to 6 ft.high.

9.60 Top of spur, 20 ft. above cor. brs.N.20°E. and S.20°W.; descend abrupt NW slope 215 ft.

32.30 Foot of descent in canyon, cross dry ravine, 15 lks.wide, course west; ascend S.slope of spur, 80 ft.

40.20 (Proportional dist.) Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished 1/4 sec.cor., marked on brass cap,

1/4 S 5 in W.,

1/4 S 4 in E., and

1915 in S half; from which

A pine, 10 ins. in diam., brs.N.55°E., 77 lks, dist., marked 1/4 S 4 B T.

A pine, 12 ins. in diam., brs.S 77 1/2°W., 45 lks. dist., marked 1/4 S 5 B T.

At this cor., I set off 22°51'N. on the decl.arc, and at apparent noon, July 5, 1915, observe the sun on the meridian, and obtain a reading of 34°10 1/2'N. on the lat. arc.

52.70 Ledge of rock on top, of spur, brs.NE. and SW.; descend NW. slope, 30 ft. into canyon.

68.35 Bottom of canyon; cross dry ravine, 10 lks.wide, course S. 20°W.; ascend.

80:61 Intersect the old cor.of secs. 4,5,32 and 33 on N.bdy.of Tp., later reestablished by me, as described in Book "A."

Land, mountainous, spurs steep, rocky, washed on slopes to bedrock.

Soil, poor, dry stony clay loam, 2 to 6 ins. deep, on dry clay and stone subsoil.

Timber, oak, juniper and pine.

From old cor. of secs. 4,5,8 and 9, N.89°57'E. on a random line, bet. secs.4 and 9.

39.44 Fall 15 lks.S. of the old 1/4 sec.cor., which is a sandstone 12x10x6 ins. loosely set in a mound of stone, marked

2. Partial Resurvey of the Subdivision lines of T.9 N., R.21 E.  
Chains.

- and witnessed as described by the surveyor general.  
True course and dist. of  $W \frac{1}{2}$ , bet. secs. 4 and 9 is therefore  $S.89^{\circ}44'W.$ , 39.44 chs.  
From old  $\frac{1}{4}$  sec. cor. described above,  
39.54  $N.89^{\circ}57'E.$  on a random line on  $E \frac{1}{2}$ , bet. secs. 4 and 9.  
Fall 13 lks. S. of the old cor. of secs. 3, 4, 9 and 10, which is a sandstone  $24 \times 14 \times 8$  ins. above ground, loosely set, marked and witnessed as described by the surveyor general.  
True course and dist. of  $E \frac{1}{2}$ , bet. secs. 4 and 9 is therefore  $S.89^{\circ}46'W.$ , 39.54 chs.  
This cor. being in a state of dilapidation, I reestablish it in the same place as follows:  
Reset the same stone 18 ins. in the ground for cor. of secs. 3, 4, 9 and 10, marked with 3 notches on E. and 5 notches on S. edges; from which original bearing trees,  
A pine, 30 ins. in diam., brs.  $N.60^{\circ}E.$ , 9 lks. dist., marked T 9 N R 21 E S 3 B T.  
A juniper, 28 ins. in diam., brs.  $S.58^{\circ}E.$ , 55 lks. dist., marked T 9 N R 21 E S 10 B T.  
A juniper, 16 ins. in diam., brs.  $S.76^{\circ}W.$ , 42 lks. dist., marked T 9 N R 21 E S 9 B T.  
A juniper, 12 ins. in diam., brs.  $N.32^{\circ}W.$ , 104 lks. dist., marked T 9 N R 21 E S 4 B T., and  
An oak stump 8 ins. in diam., brs.  $N.36^{\circ}W.$ , 58 lks. dist., marked B T. I destroy the marks on this stump.  
Thence,  
 $S.89^{\circ}46'W.$ , on a true line on  $E \frac{1}{2}$ , bet. secs. 4 and 9. Ascend NE. slope of spur, over stony, mountainous land, through heavy pine and oak timber and brush undergrowth 4 ft. high.  
11.90 Top of spur, 113 ft. above the cor., brs.  $N.10^{\circ}W.$ , and  $S.10^{\circ}E.$ ; descend over SW. slope.  
22.05 Dry ravine, 15 lks. wide, 160 ft. below top of spur, course  $S.20^{\circ}E.$ ; ascend.  
37.35 Top of spur, 134 ft. above ravine, brs.  $N.10^{\circ}E.$  and  $S.30^{\circ}W.$ . Descend.  
39.54 Intersect the old  $\frac{1}{4}$  sec. cor. hereinbefore described, which I reestablish in the same place as follows:  
Reset the same stone, 8 ins. in the ground for  $\frac{1}{4}$  sec. cor., marked  $\frac{1}{4}$  on N. face, from which original bearing trees:  
A pine, 14 ins. in diam., brs.  $N.56\frac{1}{2}^{\circ}W.$ , 18 lks. dist., marked  $\frac{1}{4}$  S 4 B T.  
A pine, 16 ins. in diam., brs.  $S.14^{\circ}E.$ , 78 lks. dist., marked  $\frac{1}{4}$  S 9 B T., and  
A dead pine, 14 ins. in diam., brs.  $S.34\frac{3}{4}^{\circ}W.$ , 24 lks. dist., marked  $\frac{1}{4}$  S B T.  
Thence,  
 $S.89^{\circ}44'W.$  on a true line on  $W$  half; bet. secs. 4 and 9. Over mountainous land; descend.  
26.74 Dry ravine, 10 lks. wide, course  $N.10^{\circ}W.$ , 111 ft., below top of spur; ascend.  
27.74 Top of spur, 30 ft. above ravine, brs.  $N.$  and  $S.$ ; descend.  
32.29 Bottom of canyon, 69 ft. below top of spur; cross dry ravine 20 lks. wide, course  $S.30^{\circ}W.$ ; ascend SE. slope, 139 ft.  
39.44 Intersect the old cor. of secs. 4, 5, 8 and 9, hereinbefore described.  
Land, mountainous, spurs steep, washed on slopes rocky. Soil, poor dry stony clay loam, 6 ins. deep, on dry stony clay subsoil.  
Timber, oak, juniper and pine.  
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From reestablished cor. of secs. 3, 4, 9 and 10,  
40.00  $N.0^{\circ}4'E.$ , on a random line, bet. secs. 3 and 4.  
I make a diligent search for the old  $\frac{1}{4}$  sec. cor., which I fail to find; therefore, continue line and measurement.

Partial Resurvey of the Subdivision lines of T. 9 N. R. 21 E. 3

Chains.  
80.50 Intersect the old cor. of secs. 3,4,33 and 34 on N.bdy. of Tp. later reestablished by me, as described in Bpok"A." True course and dist. of line, bet. secs.3 and 4 is therefore S. 0°4'W., 80.50 chs.  
Thence,  
S 0° 4'W., on a true line, bet. secs. 3 and 4.  
Descend SE.slope, over rolling, stony mountainous land, through heavy pine and juniper timber.  
9.80 Head of dry ravine, 5 lks.wide, 35 ft.below cor., course east; ascend gradually over N. slope.  
35.28 Wire fence along N. bdy. of the Fort Apache Indian Reservation brs.N.60°W. and S 60°E. at top of ascent on the Mogollon Rim, brs.N.60°W. and S.60°E.  
35.36 Intersect the N. bdy. of the Fort Apache Indian Reservation 8.20 chs. S.61°37'E. of Angle Point No.474, described in Book "B."  
At the point of intersection,  
Set an iron post 3 ft.long, 2 ins. in diam., 26'ins. in the ground for reestablished closing cor. of secs.3 and 4, marked on brass cap,  
C C N of center,  
T 9 N R 21 E in N.,  
F A I R, 1915 in S.half;  
S 4 in NW., and  
S 3 in SE.sector.  
From this cor., the unaccepted closing cor. of secs.3 and 4, set by Deputy Charles E.Perkins, under contract No. 40, brs.S 0°4'W., 2 lks.dist.  
I destroy all traces of this cor., and the marks on the bearing trees to same.  
36.00 Descend over SE.slope.  
40.23 (Proportional dist.) Set an iron post, 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished 1/4 sec.cor., marked on brass capp,  
1/4 S 4 in W.,  
S 3 in E., and  
1915 in S.half; from which  
A pine, 12 ins.in diam., brs.N.51 1/4°E., 41 lks. dist., marked 1/4 S 3 B T.; and  
A pine, 22 ins. in diam., brs.S. 78 1/2°W., 110 lks.dist., marked 1/4 S 4 B.T.  
42.45 Intersect the unaccepted 1/4 sec.cor., set by Deputy Charles E.Perkins, under contract No.40.  
I destroy all trace of this cor., and the marks on the bearing trees to the same.  
74.60 Dry ravine, 10 lks.wide, 246 ft. below top of Mogollon rim, course S 30°E.; ascend 7 ft.  
80.50 Intersect the reestablished cor. of secs.3,4,9 and 10, hereinbefore described.  
Land, mountainous, spurs, steep, rocky, covered with dense oak and manzanita brush undergrowth.  
Soil, poor, dry, stony clay loam, about 8 ins. deep, on clay and stone subsoil.  
Timber, oak, juniper and pine.

July 5, 1915.

July 8, 1915. At 10h. 34m., a.m., l.m.t., I set off 34° 10 1/2'N. on the lat.arc; 22°33 1/2'N. on the decl.arc, and determine a meridian with the solar at the reestablished cor. of secs. 3,4,9 and 10.

Thence,  
N.89°50'E., on a random line, bet. secs. 3 and 10.  
40.04 No trace of the old 1/4 sec.cor. can be found after diligent search; therefore, continue line and measurement.  
81.60 Fall 14 lks.N. of the old cor. of secs.2,3,10 and 11, which is a red sandstone 6x6x3 ins., loosely set, in a small mound of stone, marked and witnessed as described by the surveyor general.  
True course and dist.of line, bet. secs.3 and 10 is therefore S 89°56'W., 81.60 chs.

4. Partial Resurvey of the Subdivision lines of T.9 N., R.21 E.  
Chains.

- This cor. being in a dilapidated condition, I destroy and reestablish it in same place, as follows:  
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 2, 3, 10 and 11, marked on brass cap,
- T 9 N., R 21 E in N., and  
1915 in S<sup>h</sup>alf;  
S 3 in NW.,  
S 2 in NE.,  
S 11 in SE., and  
S 10 in SW. quadrant; from which the original bearing trees,
- A juniper, 8 ins. in diam., brs. N. 42° E., 33 lks. dist., marked T 9 N R 21 E S 2 B T.  
A pine, 20 ins. in diam., brs. S. 31<sup>3</sup>/<sub>4</sub>° E., 60 lks. dist., marked T 9 N R 21 E S 11 B T.  
A pine, 14 ins. in diam., brs. S. 32° W., 92 lks. dist., marked T 9 N R 21 E S 10 B T., and  
A pine, 16 ins. in diam., brs. N. 25<sup>1</sup>/<sub>2</sub>° W., 72 lks. dist., marked T 9 N R 21 E S 3 B T.
- Thence,  
S 89° 56' W., on a true line, bet. secs. 3 and 10.  
Ascend E slope of spur, over stony, mountainous land, through heavy pine and juniper timber, and brush undergrowth, 4 to 6 ft. high.
- 26.60 Top of spur, 125 ft. above cor., brs. N. and S.; descend over W. slope, 126 ft.
- 40.80 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished <sup>1</sup>/<sub>4</sub> sec. cor., marked on brass cap,
- <sup>1</sup>/<sub>4</sub> S 3 in N., and  
S 10, 1915 in S<sup>h</sup>alf; from which  
A pine, 12 ins. in diam., brs. N. 17° W., 79 lks. dist., marked <sup>1</sup>/<sub>4</sub> S 3 B T., and  
A juniper, 24 ins. in diam., brs. S. 42<sup>1</sup>/<sub>4</sub>° E., 80 lks. dist., marked <sup>1</sup>/<sub>4</sub> S 10 B T.
- 44.80 Dry ravine, 10 lks. wide, 12 ft. below <sup>1</sup>/<sub>4</sub> sec. cor., course SW.; ascend.
- 61.60 Top of spur, 125 ft. above ravine, brs. N. 20° W. and S. 20° E.; descend over NW. slope.
- 80.30 Dry ravine, 15 lks. wide, 147 ft. below top of spur, course S; ascend E. slope 40 ft.
- 81.60 Intersect the reestablished cor. of secs. 3, 4, 9 and 10, hereinbefore described.  
Land, mountainous, spurs, steep, rocky, covered with a dense undergrowth of juniper and manzanita brush.  
Soil, poor, dry stony clay loam, about 4th rate.  
Timber, oak, juniper and pine.  
At the above described <sup>1</sup>/<sub>4</sub> sec. cor. I set off 22° 23' N. on the decl. arc, and at apparent noon, July 8, 1915, observe the sun on the meridian, the resulting latitude being 34° 10<sup>1</sup>/<sub>2</sub>' N.
- 
- 40.00 From reestablished cor. of secs. 2, 3, 10 and 11, N. 0° 6' W., on a random line, bet. secs. 2 and 3. I make a diligent search for the old <sup>1</sup>/<sub>4</sub> sec. cor., which I am unable to find; therefore, continue line and measurement.
- 81.30 Fall 149 lks. E. of the reestablished cor. of secs. 2, 3, 34 and 35 on N. bdy. of Tp. described in Book "A." True course and dist. of line bet. secs. 2 and 3 is therefore S. 1° 9' E., 81.32 chs.
- Thence,  
S 1° 9' E., on a true line, bet. secs. 2 and 3.  
Ascend NW. slope, over stony, mountainous land, through heavy pine and oak timber and brush undergrowth.
- 26.87 Wire fence along N. bdy. of the Fort Apache Indian Reservation, brs. NE and SW.
- 28.00 Top of ascent on the Mogollon Rim, 37 ft. above cor., brs. NE and SW.; descend.

Partial Resurvey of the Subdivision lines of T. 9 N/ R. 21 E. 5.

- Chains.
- 28.18 Intersect N. bdy. of the Fort Apache Indian Reservation, 2.78 chs. N.  $58^{\circ} 34'$  E., of Angle point No. 457, described in Book "B."  
At the point of intersection,  
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished closing cor. of secs. 2 and 3, marked on brass cap,  
C C N of center,  
T 9 N R 21 E in N.,  
F A I R, 1915 in S half;  
S 2 in NE., and  
S 3 in SW. sector.  
From this cor., the unaccepted closing cor. of secs. 2 and 3, set by Deputy Charles E. Perkins, under contract No. 40, brs. N.  $58^{\circ} 35'$  E., 23 lks. dist. I destroy all trace of this cor., and the marks on the bearing trees to same.
  - 40.42 (Proportional dist.) Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor.; marked on brass cap,  
 $\frac{1}{4}$  S 3 in W.,  
S 2 in E., and  
1915 in S half; from which,  
A juniper, 8 ins. in diam., brs. S  $86^{\circ}$  E., 61 lks. dist., marked  $\frac{1}{4}$  S 2 B T., and  
A cedar, 14 ins. in diam., brs. S  $50^{\circ}$  W., 72 lks. dist., marked  $\frac{1}{4}$  S 3 B T.
  - 41.30 Intersect the unaccepted  $\frac{1}{4}$  sec. cor., set by Deputy Charles E. Perkins, under contract No. 40.  
I destroy all trace of this cor., and the marks on the bearing trees to same.
  - 56.70 Dry ravine, 10 lks. wide, 166 ft. below top of mountain, course S.  $60^{\circ}$  E.; ascend NE. slope.
  - 63.30 Top of spur, 40 ft. above ravine, brs. N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.; descend over SW. slope.
  - 72.90 Dry ravine, 60 lks. wide, 92 ft. below top of spur, course S.  $60^{\circ}$  E.; ascend NE. slope, 72 ft.
  - 81.32 Intersect the reestablished cor. of secs. 2, 3, 10 and 11, hereinbefore described.  
Land, mountainous, spurs steep, rocky, covered with dense manzanita and juniper brush undergrowth.  
Soil, dry, yellow, clay loam, about 6 ins. deep, on clay and loose stone subsoil.  
Timber, oak, juniper, cedar and pine.

July 13, 1915. At 7h. 35m., a.m., 1.m.t., I set off  $34^{\circ} 10\frac{1}{2}'$  N. on the lat. arc;  $21^{\circ} 57\frac{1}{2}'$  N. on the decl. arc; and determine a meridian with the solar at the reestablished cor. of secs. 2, 3, 10 and 11.

- 39.78 Thence,  
South, on a random line, bet. secs. 10 and 11.  
Fall 25 lks. E. of the old  $\frac{1}{4}$  sec. cor., which is a sandstone  $12 \times 12 \times 6$  ins. above ground, loosely set, marks almost obliterated, witnessed as described by the surveyor general.  
True course and dist. of N.  $\frac{1}{2}$ , bet. secs. 10 and 11 is therefore N.  $0^{\circ} 21'$  E., 39.78 chs.  
From old  $\frac{1}{4}$  sec. cor. described above,  
South, on a random line on S  $\frac{1}{2}$ , bet. secs. 10 and 11.
- 39.60 Fall 16 lks. E. of the old cor. of secs. 10, 11, 14 and 15, which is a sandstone  $18 \times 12 \times 8$  ins. above ground, loosely set, marked and witnessed, as described by the surveyor general.  
True course and dist., of S  $\frac{1}{2}$ , bet. secs. 10 and 11 is therefore N.  $0^{\circ} 14'$  E., 39.60 chs.  
This cor. being in a dilapidated condition, I destroy and reestablish it in same place as follows:  
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 10, 11, 14 and 15, marked on brass cap,

## 6 Partial Resurvey of Subdivision lines of T.9 N., R.21 E.

Chains.	
	<p>T 9 N, R 21 E in N., and            1915 in S. half;            S 10 in NW.,            S 11 in NE.,            S 14 in SE., and            S 15 in SW. sector; from which the original            bearing trees,</p> <p>A pine, 28 ins. in diam., brs. N. <math>63\frac{1}{2}^{\circ}</math> E., 42 lks.            dist., marked T 9 N R 21 E S 11 BT.            A pine, 16 ins. in diam., brs. S. <math>41\frac{3}{4}^{\circ}</math> E., 110 lks.            dist., marked T 9 N R 21 E S 14 B T., and            A pine, 26 ins. in diam., brs. S. <math>59\frac{1}{2}^{\circ}</math> W., 35 lks.            dist., marked T 9 N R 21 E S 15 B T., and            A pine, 28 ins. in diam., brs. N. <math>13\frac{1}{4}^{\circ}</math> W., 334            lks. dist., marked T 9 N R 21 E S 10 B T.</p>
	<p>Thence,            N. <math>0^{\circ}14'E.</math>, on a true line, on S. <math>\frac{1}{2}</math>, bet. secs. 10 and 11.            Ascend S. slope of spur, over stony, mountainous land,            through heavy pine timber and brush undergrowth.</p>
10.00	Top of spur, 103 ft. above cor. brs. E. and W.; descend N. slope, 32 ft.
15.20	Dry ravine, 6 lks. wide, course east; ascend S slope.
18.00	Top of spur, 32 ft. above ravine, brs. E. and W.; descend N. slope, 15 ft.
20.85	Dry ravine, 15 lks. wide, course S $60^{\circ}$ E.; ascend SW. slope, 105 ft.
37.00	Top of spur, brs. N. $60^{\circ}$ W. and S $60^{\circ}$ E.; descend NE slope, 33 ft.
39.60	Intersect the old $\frac{1}{4}$ sec. cor., hereinbefore described, which I destroy and reestablish in same place as follows: Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, $\frac{1}{4}$ S 10 in W., $\frac{1}{4}$ S 11 in E., and 1915 in S. half; from which the old bearing trees, An oak, 8 ins. in diam., brs. S. $89\frac{1}{2}^{\circ}$ E., 51 lks. dist., marked $\frac{1}{4}$ S 11 BT., and A pine, 16 ins. in diam., brs. N. $81^{\circ}$ W., 41 lks. dist., marked $\frac{1}{4}$ S 10 B T.
	<p>Thence,            N. <math>0^{\circ}21'E.</math>, on a true line on N. <math>\frac{1}{2}</math>, bet. secs. 10 and 11.            Over mountainous land; descend.</p>
2.34	Dry ravine, 47 ft. below top of spur, 10 lks. wide, course east; ascend S slope.
10.00	Top of spur, 62 ft. above ravine, brs. E. and W.; descend N. slope.
12.80	Dry ravine, 5 lks. wide, course E.; ascend.
25.00	Top of spur, 124 ft. above ravine, brs. N. $60^{\circ}$ W. and S. $60^{\circ}$ E.; descend over NE. slope.
39.78	Intersect the reestablished cor. of secs. 2, 3, 10 and 11, hereinbefore described. Land, mountainous, spurs steep, washed on slopes rocky. Soil, stony, clay loam, 3 to 6 ins. deep on stony clay subsoil. Timber, oak, juniper, cedar and pine.
	-----
39.90	From reestablished cor. of secs. 10, 11, 14 and 15, S $89^{\circ}48'E.$ , on a random line, bet. secs. 11 and 14. Fall 70 lks. N. of the old $\frac{1}{4}$ sec. cor., which is a sandstone 6x6x3 ins. above ground, loosely set, marks almost obliterated, witnessed as described by the surveyor general. True course and dist. of W $\frac{1}{2}$ , bet. secs. 11 and 14 is therefore N. $88^{\circ}48'W.$ , 39.91 chs.
40.67	From old $\frac{1}{4}$ sec. cor. 1, described above, S $89^{\circ}48'E.$ on a random line on E $\frac{1}{2}$ , bet. secs. 11 and 14. Fall 70 lks. S. of the reestablished cor. of secs. 11, 12, 13 and 14, hereinafter described.



Partial Resurvey of Subdivision lines of T. 9 N. R. 21 E. 7.

Chains	True course and dist. of E. $\frac{1}{2}$ , bet. secs. 11 and 14 is therefore S <sup>89°13'</sup> W., 40.67 chs.
	Thence, S. 89°13'W. on a true line, on E $\frac{1}{2}$ , bet. secs. 11 and 14. Descend SW. slope, over stony, mountainous land, through heavy pine and oak timber.
6.60	Dry ravine, 6 lks. wide, 32 ft. below cor., course S. 10°E.; thence east.
16.00	Top of spur, 102 ft. above ravine, brs. N. 20°E. and S. 20°W.; descend.
20.30	Dry ravine, 5 lks. wide, 44 ft. below top of spur, course N. 70°W.
25.80	Same ravine, 6 lks. wide, course S. 60°W.; ascend 30 ft.
28.00	Top of spur, 30 ft. above ravine, brs. NE. and SW.; descend.
32.40	Head of ravine, 150 lks. wide, 30 ft. below top of spur, course S. 30°W.; ascend 27 ft.
40.67	Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described, which I destroy, and reestablish in same place as follows: Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap, S 11 in N., and S 14, 1915 in S. half; from which the original bearing trees, A pine, 24 ins. in diam., brs. N. 44 $\frac{3}{4}$ °W., 77 lks. dist., marked $\frac{1}{4}$ S 11 B T., and A dead pine, 12 ins. in diam., brs. S 75°W., 26 lks. dist., marked $\frac{1}{4}$ S B T. I destroy the marks on this tree, and establish new bearing tree, A pine, 16 ins. in diam., brs. S. 17°W., 11 lks. dist., which I mark $\frac{1}{4}$ S 14 B T.
	Thence, N. 88°48'W., on a true line, on W $\frac{1}{2}$ , bet. secs. 11 and 14. Over mountainous land; ascend.
1.00	Top of spur, brs. N. 20°E. and S. 20°W.; descend.
7.33	Dry ravine, 5 lks. wide, 38 ft. below top of spur, course S.; ascend.
16.00	Top of spur, 34 ft. above ravine, brs. N. 30°W., and S 30°E.; descend over SW. slope.
21.20	Dry ravine, 8 lks. wide, 60 ft. below top of spur, course N. 20°W.; ascend.
24.00	Top of spur, 56 ft. above ravine, bears NW. and SE.; descend.
36.48	Dry ravine, 20 lks. wide, 56 ft below top of spur, course S. 10°W.; ascend.
39.91	Intersect the reestablished cor. of secs. 10, 11, 14 and 15, hereinbefore described. At this cor. I set off 21°55'N. on the decl. arc; and at noon, apparent time observe the sun on the meridian; the resulting lat. being 34°09' N. Land, mountainous, spurs steep, washed on slopes rocky. S oil, poor, dry, stony and sandy loam, 3 to 6 ins. deep on clay and decomposed sandstone subsoil. Timber, oak, juniper, cedar and pine.
39.90	From reestablished cor. of secs. 2, 3, 10 and 11, S 89°38'E., on a random line, bet. secs. 2 and 11. Fall 16 lks. S. of the point formerly occupied by the original $\frac{1}{4}$ sec. cor., which point I locate from the bearing and dist. to the SW. bearing tree, which I find. The old $\frac{1}{4}$ sec. cor., and the NE bearing tree cannot be found.
	True course and dist. of W. $\frac{1}{2}$ bet. secs. 2 and 11 is therefore N. 89° 52' W., 39.90 chs.
39.90	From point for $\frac{1}{4}$ sec. cor. described above, S. 89°38'E., on a random line, on E $\frac{1}{2}$ , bet. secs. 2 and 11. Fall 50 lks. S. of the reestablished cor. of secs. 1, 2, 11 and 12, hereinafter described.
	True course and dist. of E. $\frac{1}{2}$ , bet. secs. 2 and 11 is therefore S. 89° 39' W., 39.90 chs.

## 8. Partial Resurvey of Subdivision lines of T.9 N., R.21 E.

Chains

- Thence, at former sec. cor., described above,  
 $S^{\circ}89^{\circ}39'W.$ , on a true line, on  $E\frac{1}{2}$ , bet. secs. 2 and 11.  
 Descend SW. slope, over stony mountainous land, through heavy pine timber and manzanita, and juniper brush underbrush.
- 4.45 Dry ravine, 5 lks. wide, 17 ft. below cor., course  $S.30^{\circ}W.$ ; ascend over SE. slope, 13 ft.
- 11.90 Top of spur, brs.  $N.20^{\circ}E.$  and  $S.20^{\circ}W.$ ; descend over NW. slope, 110 ft.
- 23.55 Dry ravine, 5 lks. wide, course  $N.20^{\circ}W.$ ; ascend 7 ft.
- 24.90 Top of spur, brs.  $N.$  and  $S.$ ; descend.
- 39.90 Intersect the point formerly occupied by original  $\frac{1}{4}$  sec. cor., at which point,  
 Set an iron post  $\frac{3}{4}$  ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 2 in N., and  
 $S$  11, 1915 in S half; from which the old bearing tree,  
 An oak, 10 ins. in diam., brs.  $S.45^{\circ}W.$ , 42 lks. dist., marked  $\frac{1}{4}$  S 11 B T.  
 Establish a new bearing tree,  
 A pine, 10 ins. in diam., brs.  $N.23^{\circ}E.$ , 32 lks. dist., which I mark  $\frac{1}{4}$  S 2 B T.
- Thence,  
 $N.89^{\circ}52'W.$ , on a true line, on  $W\frac{1}{2}$ , bet. secs. 2 and 11.  
 Over mountainous land; descend.
- 7.25 Dry ravine, 5 lks. wide, course  $S.40^{\circ}W.$ ; ascend 20 ft.
- 9.90 Top of spur, brs.  $NE.$  and  $SW.$ ; descend 15 ft.
- 10.75 Dry ravine, 20 lks. wide, course  $S.10^{\circ}W.$ ; ascend over SE. slope, 30 ft.
- 19.90 Top of spur, brs.  $N.$  and  $S.$ ; descend.
- 32.15 Dry ravine, 6 lks. wide, 14 ft. below top of spur, course  $S.30^{\circ}E.$ ; ascend NE. slope.
- 39.90 Intersect the reestablished cor. of secs. 2, 3, 10 and 11, hereinbefore described.  
 Land, mountainous, drains to the south.  
 Soil, dry, sandy loam about 8 ins. deep on dry clay and decomposing sandstone subsoil.  
 Timber. oak, juniper, cedar and pine.
- 
- From reestablished cor. of secs. 1, 2, 11 and 12,  
 $N.0^{\circ}23'W.$ , on a random line, bet. secs. 1 and 2.
- 40.20 Fall 74 lks. W. of the old  $\frac{1}{4}$  sec. cor., which is an oak post, 3 ft. long, 3 ins. sq., greatly decayed, marks almost obliterated. No cor. accessories visible.  
 True course and dist. of  $S.\frac{1}{2}$ , bet. secs. 1 and 2 is therefore  $S^{\circ}0^{\circ}40'W.$ , 40.20 chs.  
 From old  $\frac{1}{4}$  sec. cor. described above,  
 $N.0^{\circ}23'W.$ , on a random line on  $N.\frac{1}{2}$ , bet. secs. 1 and 2.
- 41.10 Fall 103 lks. E. of the reestablished cor. of secs. 1, 2, 35 and 36 on N. bdy. of Tp., described in Book "A."  
 True course and dist. of  $N.\frac{1}{2}$  bet. secs. 1 and 2 is therefore  $S.1^{\circ}49'E.$ , 41.11 chs.
- Thence,  
 $S.1^{\circ}49'E.$ , on a true line, on  $N.\frac{1}{2}$ , bet. secs. 1 and 2.  
 Descend gradually SE. slope, over rolling, mountainous land, through pine timber.
- .60 Wire fence brs.  $E.$  and  $W.$
- 10.76 Wire fence brs.  $E.$  and  $W.$
- 14.75 Dry ravine, 5 lks. wide, 70 ft. below cor., course east; ascend.
- 21.10 Top of spur, 10 ft. above ravine, brs.  $E.$  and  $W.$ ; descend.
- 27.60 Dry ravine, 8 lks. wide, course  $N.20^{\circ}E.$ ; ascend gradually 10 ft. to
- 40.10 Top of spur, brs.  $N.20^{\circ}E.$  and  $S.20^{\circ}W.$ ; descend.
- 41.11 Intersect the old  $\frac{1}{4}$  sec. cor., hereinbefore described, which I destroy, and reestablish in the same place as follows:

Partial Resurvey of the Subdivision lines of T.9 N. R.21 E. 9

Chains

Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{2}$  S 2 in W.,  
 S 1 in E., and  
 1915 in S half; from which,  
 A pine, 12 ins. in diam., brs. S. 15° E., 68 lks. dist., marked  $\frac{1}{4}$  S 1 B T.  
 A pine, 16 ins. in diam., brs. N. 88° W., 53 lks. dist., marked  $\frac{1}{2}$  S 2 B T.

Thence,  
 S 30° 40' W., on a true line, on S  $\frac{1}{2}$ , bet. secs. 1 and 2.  
 Over mountainous land; descend.  
 2.94 Head of ravine, 6 lks. wide, course N. 40° E.; ascend 15 ft.  
 33.24 Old road to Forestdale, Arizona, brs. N. 10° W. and S. 10° E.  
 36.39 Top of Mogollon rim, brs. NW. and SE.; thence along top of rim.  
 36.66 Wire fence along the N. bdy. of the Fort Apache Indian Reservation, brs. NW. and SE.  
 36.70 Intersect the N. bdy. of the Fort Apache Indian Reservation 2.76 chs. S. 60° 41' E., of Angle point No. 436, described in Book "B."

At point of intersection,  
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished cor. of secs. 1 and 2, marked on brass cap,  
 C C N of center,  
 T 9 N R 21 E in N., and  
 FAIR, 1915 in S half;  
 S 2 in NW., and  
 S 1 in NE sector.

From this cor., the unaccepted closing cor. of secs. 1 and 2, set by Deputy Charles E. Perkins, under Contract No. 40, brs. N. 0° 40' E., 2 lks. dist. I destroy all trace of this closing cor., and the marks on the bearing trees to same.

40.20 Intersect the reestablished cor. of secs. 1, 2, 11 and 12, hereinafter described.  
 Land, mountainous, drains to the NE.  
 Soil, sandy and stony clay loam, 4 to 8 ins. deep, on stony clay subsoil.  
 Timber, oak, juniper and pine.

July 13, 1915.

July 12, 1915. At 1h. 5m. p.m., l.m.t., I set off 34° 09  $\frac{1}{2}$ ' N. on the lat. arc; 22° 03' N. on the decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 7, 12, 13 and 18, on E. bdy. of Tp., described in Book "A."  
 Thence,  
 S 89° 56' W., on a random line, bet. secs. 12 and 13.

40.00 I make diligent search for the old  $\frac{1}{4}$  sec. cor., which I fail to find; therefore, continue line and measurement.

79.54 Intersect the old cor. of secs. 11, 12, 13 and 14, which is a sandstone 12x8x6 ins. above ground, loosely set, marks almost obliterated, witnessed as described by the surveyor general.

True course and dist. of line, bet. secs. 12 and 13 is therefore N. 89° 56' E., 79.54 chs.  
 This cor. being in a dilapidated condition, I destroy, and reestablish it in the same place as follows:  
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 11, 12, 13 and 14, marked on brass cap,  
 T 9 N R 21 E in N., and  
 1915 in S half;  
 S 11 in NW.,  
 S 12 in NE.,  
 S 13 in SE., and  
 S 14 in SW. quadrant; from which the original bearing trees:

## 10. Partial Resurvey of Subdivision lines of T.9 N., R.21 E.

Chains

- An oak, 12 ins. in diam., brs. N. 22° E., 49 lks. dist., marked T 9 N R 21 E S 12 B T.  
 A pine, 16 ins. in diam., brs. S. 61½° E., 36 lks. dist., marked T 9 N R 21 E S 13 B T.  
 A pine, 24 ins. in diam., brs. S. 58½° W., 90 lks. dist., marked T 9 N R 21 E S 14 B T., and  
 A pine, 14 ins. in diam., brs. N. 61° W., 120 lks. dist., marked T 9 N R 21 E S 11 B T.
- Thence,  
 N. 89° 56' E., on a true line, bet. secs. 12 and 13.  
 Ascend NW slope of spur, 65 ft., over mountainous land, through heavy pine timber and oak and manzanita brush undergrowth.
- 7.55 Top of spur, brs. N. 40° E. and south; descend 168 ft.  
 25.55 Bottom of draw, 300 lks. wide, course S. 10° E.; ascend NW slope 78 ft.
- 34.50 Top of spur, brs. N. and S.; descend E. slope, 42 ft.  
 39.77 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished ¼ sec. cor., marked on brass cap,  
 ¼ S 12 in N., and  
 S 13, 1915 in S half; from which,  
 A juniper, 24 ins. in diam., brs. N. 44½° E., 73 lks. dist., marked ¼ S 12 B T.  
 A cedar, 1½ ins. in diam., brs. S. 52° W., 75 lks. dist., marked ¼ S 13 B T.  
 A dead pine, 12 ins. in diam., not given in the original field notes, brs. S. 19° W., 40 lks. dist., marked ¼ S B T.
- 42.96 Center of draw, 100 lks. wide, course south; ascend W slope 71 ft.
- 55.54 Top of spur, brs. N. 10° E. and S. 10° W.; descend SE slope, 134 ft.
- 70.55 Dry ravine, 50 lks. wide, course S. 20° E.; ascend 46 ft.  
 79.54 Intersect the reestablished cor. of secs. 7, 12, 13 and 18, on E bdy. of Tp. described in Book "A."  
 Land, mountainous, drains to the southwest; spurs steep, rocky, covered with oak, juniper, and manzanita brush. Soil, poor, dry, sandy and stony clay loam, 4 to 8 ins. deep, on stony, clay subsoil.  
 Timber, oak, juniper and pine.
- 
- From reestablished cor. of secs. 11, 12, 13 and 14,  
 North, on a random line, bet. secs. 11 and 12.
- 40.00 I make diligent search for the old ¼ sec. cor., which I am unable to find; therefore, continue line and measurement.
- 79.82 Fall 32 lks. E. of the old cor. of secs. 1, 2, 11 and 12, which is a sandstone 14x14x10 ins., loosely set in a mound of stone, marked as described by the surveyor general. No trace of the original bearing trees can be found. True course and dist. of line, bet. secs. 11 and 12 is therefore S. 0° 14' E., 79.82 chs.  
 This cor. being in a dilapidated condition, I reestablish it in same place, as follows:  
 Reset the same stone, 9 ins. in the ground for cor. of secs. 1, 2, 11 and 12, marked with 1 notch on E. and 5 notches on S edges; from which,  
 A juniper, 10 ins. in diam., brs. N. 59½° E., 18 lks. dist., marked T 9 N R 21 E S 1 B T.  
 A pine, 10 ins. in diam., brs. S. 19° E., 47 lks. dist., marked T 9 N R 21 E S 12 B T.  
 A pine, 8 ins. in diam., brs. S. 53½° W., 55 lks. dist., marked T 9 N R 21 E S 11 B T. and  
 A pine, 10 ins. in diam., brs. N. 36½° W., 18 lks. dist., marked T 9 N R 21 E S 2 B T.
- Thence,  
 S. 0° 14' E., on a true line, bet. secs. 11 and 12.  
 Over stony, mountainous land on top of rim of the Mogollon

## Partial Resurvey of the Subdivision lines of T 9 N R 21 E 11

Chains.

- Mesa, through heavy oak, juniper, cedar and pine timber, and brush undergrowth, ascending NE. slope.
- 11.83 Intersect N. bdy. of the Fort Apache Indian Reservation 32 lks. S.  $29^{\circ} 53'$  W., of Angle point No. 432, described in Book "B."
- At point of intersection,  
Set an iron post, 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished closing cor. of secs. 11 and 12, marked on brass cap,  
C C S of center,  
T 9 N R 21 E in N., and  
1915 in S. half;  
FAIR in NW.,  
S 12 in NE., and  
S 11 in SW. sector.
- From this cor., the unaccepted closing cor. of secs. 11 and 12, set by Deputy Charles E. Perkins, under contract No. 40, brs. S.  $29^{\circ} 53'$  W., 100 lks. dist. I destroy all trace of this closing cor., and the marks on the bearing trees to it.
- 11.85 Wire fence along N. bdy. of Indian Reservation, brs. N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.
- 24.11 Intersect N. bdy. of the Fort Apache Indian Reservation 306 lks. N.  $58^{\circ} 47'$  W. of Angle point No. 429, described in Book "B."
- At point of intersection,  
Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for reestablished closing cor. of secs. 11 and 12, marked on brass cap,  
C C N of center,  
T 9 N, R 21 E in N.,  
FAIR, 1915 in S. half;  
S 11 in NW., and  
S 12 in SE. sector.
- From this cor. the unaccepted closing cor. of secs. 11 and 12, set by Deputy Charles E. Perkins, under contract No. 40, brs. N.  $58^{\circ} 47'$  W., 72 lks. dist. I destroy all trace of this cor., and the marks on the bearing trees to same.
- 24.42 Wire fence along N. bdy. of the Indian Reservation, brs. N.  $58^{\circ} 47'$  W., and S.  $58^{\circ} 47'$  E.
- 26.00 Begin descent over SE. slope, 38 ft.
- 29.80 Enter dense manzanita brush undergrowth, brs. E. and W.
- 37.02 Dry ravine, 6 lks. wide, course S.  $10^{\circ}$  W.; ascend 10 ft.
- 39.91 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec. cor., marked on brass cap,  
 $\frac{1}{4}$  S 11 in W.,  
S 12 in E., and  
1915 in S. half; from which  
A pine, 13 ins. in diam., brs. S.  $54^{\circ}$  E., 65 lks. dist., marked  $\frac{1}{4}$  S 12 B T., and  
A pine, 14 ins. in diam., brs. N.  $34^{\circ}$  W., 16 lks. dist., marked  $\frac{1}{4}$  S 11 B T.
- This cor. is on point of spur, brs. NW. and SE.; descend 17 ft.
- 58.47 Dry ravine, 50 lks. wide, course S.  $60^{\circ}$  W.; ascend 45 ft.
- 79.82 Intersect the reestablished cor. of secs. 11, 12, 13 and 14, hereinbefore described.
- Land, mountainous.  
Soil, poor, dry, stony clay loam.  
Timber, oak, juniper, cedar and pine.

July 12, 1915.

July 14, 1915. At 7h. 5 $\frac{1}{2}$ m., a.m., l.m.t., I set off  $34^{\circ} 10\frac{1}{2}'$  N. on the lat. arc;  $21^{\circ} 49'$  N. on the decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 1, 2, 11 and 12,

Thence,  
S  $89^{\circ} 53'$  E., on a random line, bet. secs. 1 and 12.

## 12. Partial Resurvey of Subdivision lines of T 9 N. R 21 E

- Chains.
- 40.00 I make a diligent search for the old  $\frac{1}{4}$  sec.cor., but am unable to find any trace of the same; therefore, continue line and measurement.
- 79.50 Fall 70 lks.S.of the reestablished cor. of secs.1,6,7 and 12 on E<sup>r</sup> bdy. described in Book "A."  
True course and dist.of line bet.secs.1 and 12 is therefore S.89° 37'W., 79.50 chs.  
Thence I run,  
S 89°37'W., on a true line,bet. secs.1 and 12.  
Descend W slope of spur,over stony, mountainous land, through heavy pine and oak timber,15 ft.
- 3.20 Dry ravine, 8 lks.wide, course N.10°W., ascend NE<sup>r</sup> slope 10 ft.
- 14.50 Top of spur, brs.N.10°E. and S.10°W.; descend over NW slope, 71 ft.
- 33.90 Dry ravine, 15 lks.wide, course N.60°W.; ascend 10 ft.
- 36.00 Point of spur, brs.NW. and SE.; descend.
- 37.00 Dry ravine, 8 lks.wide, course N.30°W.; ascend.
- 39.75 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished  $\frac{1}{4}$  sec.cor., marked on brass cap,  
 $\frac{1}{4}$  S 1 in N., and  
S 12, 1915 in S.half; from which  
A pine, 12 ins. in diam., brs.N.6 $\frac{1}{2}$ °E., 141 lks. dist., marked  $\frac{1}{4}$  S 1 B T., and  
A pine,12 ins. in diam., brs.S.31°E.,120 lks. dist., marked  $\frac{1}{4}$  S 12 B T.  
From this cor., the unaccepted  $\frac{1}{4}$  sec.cor., set by Deputy Charles E.Perkins, under contract No.40,brs.S.28°W., 16 lks.dist.,  
I destroy all trace of this cor., and the marks on the bearing trees to same.
- 40.50 Top of ascent on bank of ravine, 5 ft. above cor.brs.NW. and SE. Descend SW. slope, 16 ft.
- 58.80 Dry ravine 10 lks.wide, course N.10°W.; ascend.
- 73.90 Dry ravine, 5 lks.wide, 5 ft. deep, course N.20°W.; ascend 10 ft.
- 77.86 Intersect N. bdy.of the Fort Apache Indian Reservation, 2.86 chs.S. 8° 42'E. of the 62 mile mon, described in Book "B."  
At point of intersection,  
Set an iron post 3 ft.long, 2 ins. in diam., 24 ins. in the ground for reestablished closing cor.of secs.1 and 12, marked on brass cap,  
C & E of center,  
T 9 N R 21 E in N., and  
1915 in S.half;  
S 1 in NE., and  
S 12 FAIR in SW.sector.
- 77.90 Intersect the unaccepted closing cor.of secs.1 and 12, set by Deputy Charles E.Perkins, under contract No.40. I destroy all trace of this cor.,and the marks on the bearing trees to same.
- 78.10 Wire fence along N. bdy. of Indian Reservation, brs.N.8° W. and S.8°E. on top of the Mogollon rim.
- 79.50 Intersect the reestablished cor.of secs. 1,2,11 and 12, hereinbefore described.  
Land, mountainous, drains to the north.  
Soil, stony and sandy clay loam, 8 ins. deep, on clay and sandstone subsoil.  
Timber, oak, juniper, cedar and pine.
- July 14, 1915.

GENERAL DESCRIPTION.

That portion of this township resurveyed by me includes only those sections traversed by the north bdy.of the Fort Apache Indian Reservation, which follows the rim of the Mogollon Mesa.  
The land of the resurveyed sections is mostly all of a

Partial Resurvey of the Subdivision lines of T. 9 N., R. 21 E. 13.

Chains.

mountainous character. South of the Mesa rim the land is very rough, being traversed by high rocky spurs and deep canyons having a southwesterly trend towards White river into which the water courses discharge. North of the rim, the land is of a more rolling character, sloping in a northerly direction towards the Little Colorado river, which drains practically all of the country lying north of the Mogollon Rim.

The soil of the resurveyed portion of the township is generally a stony clay loam, and can nearly all be classed as second and third rate, is covered with a good growth of bunch and other varieties of grass, which affords excellent pasture for stock.

The resurveyed sections are well timbered with cedar, oak, juniper and pine, much of which is large enough for lumbering purposes.

The only water in this part of the township is obtained from a well in section 1.

There is one settler in sec. 1.

Boundaries of resurveyed portion of T. 9 N., R. 21 East.  
Latitudes, departures, and closing errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
Subdivisional boundary.	S. 89° 56' W.	79.54		.09		79.54
	S. 89° 13' W.	40.67		.56		40.67
	N. 88° 48' W.	39.91	.83			39.90
	N. 0° 14' E.	39.60	39.60		.16	
	N. 0° 22' E.	39.78	39.78		.25	
	S. 89° 56' W.	81.60		.09		81.60
	S. 89° 46' W.	39.54		.16		39.54
	S. 89° 44' W.	39.44		.18		39.44
	N. 0° 53' W.	80.61	80.60			1.24
North Tp. bdy.	N. 89° 57' E.	40.22	.03			40.22
	N. 89° 40' E.	40.22	.23			40.22
	N. 89° 12' E.	40.20	.56			40.20
	N. 89° 32' E.	39.76	.32			39.76
	N. 89° 39' E.	40.42	.25			40.42
	S. 89° 57' E.	40.24		.03		40.24
	N. 89° 58' E.	40.22	.02			40.22
	M. 89° 36' E.	40.10	.28			40.10
East Tp. bdy.	S. 0° 3' E.	40.86		40.86	.03	
	S. 0° 1' E.	40.12		40.12	.01	
	S. 0° 13' E.	40.20		40.20	.15	
	South,	40.22		40.22		
Convergency,					.08	
Totals,		162.50	162.51	322.06	321.93	
Error in latitude,			0.01			
Error in departure,				0.13		

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BOOK 2986 26 14

CERTIFICATE  
~~FINAL OATH~~ OF UNITED STATES SURVEYOR.


For

See Book "D" of this Group.

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

\_\_\_\_\_  
U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 191\_\_\_\_



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, Sept. 19\_\_\_\_, 191\_\_\_\_.

The foregoing field notes of the <sup>re-</sup> survey of \_\_\_\_\_ part of the \_\_\_\_\_

SUBDIVISION LINES OF

TOWNSHIP 9 NORTH, RANGE 21 EAST,

of the Gila and Salt River Base and Meridian, State of Arizona, executed by \_\_\_\_\_ Sidney E. Blout, U. S. Surveyor, under his special instructions dated December 16, 1914, for Group 40\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the resurveys they describe, are hereby approved.

  
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_ Book "J" of Group 40\_\_\_\_, has been correctly copied from the original notes on file in this office.