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or
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Book "K"
Subdivisions

BOOK 2987

FIELD NOTES

RE-
OF THE SURVEY OF PART

of the

SUBDIVISION LINES OF

TOWNSHIP 9 NORTH, RANGE 22 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 14, 1915.

Re- Survey completed July 30, 1915.

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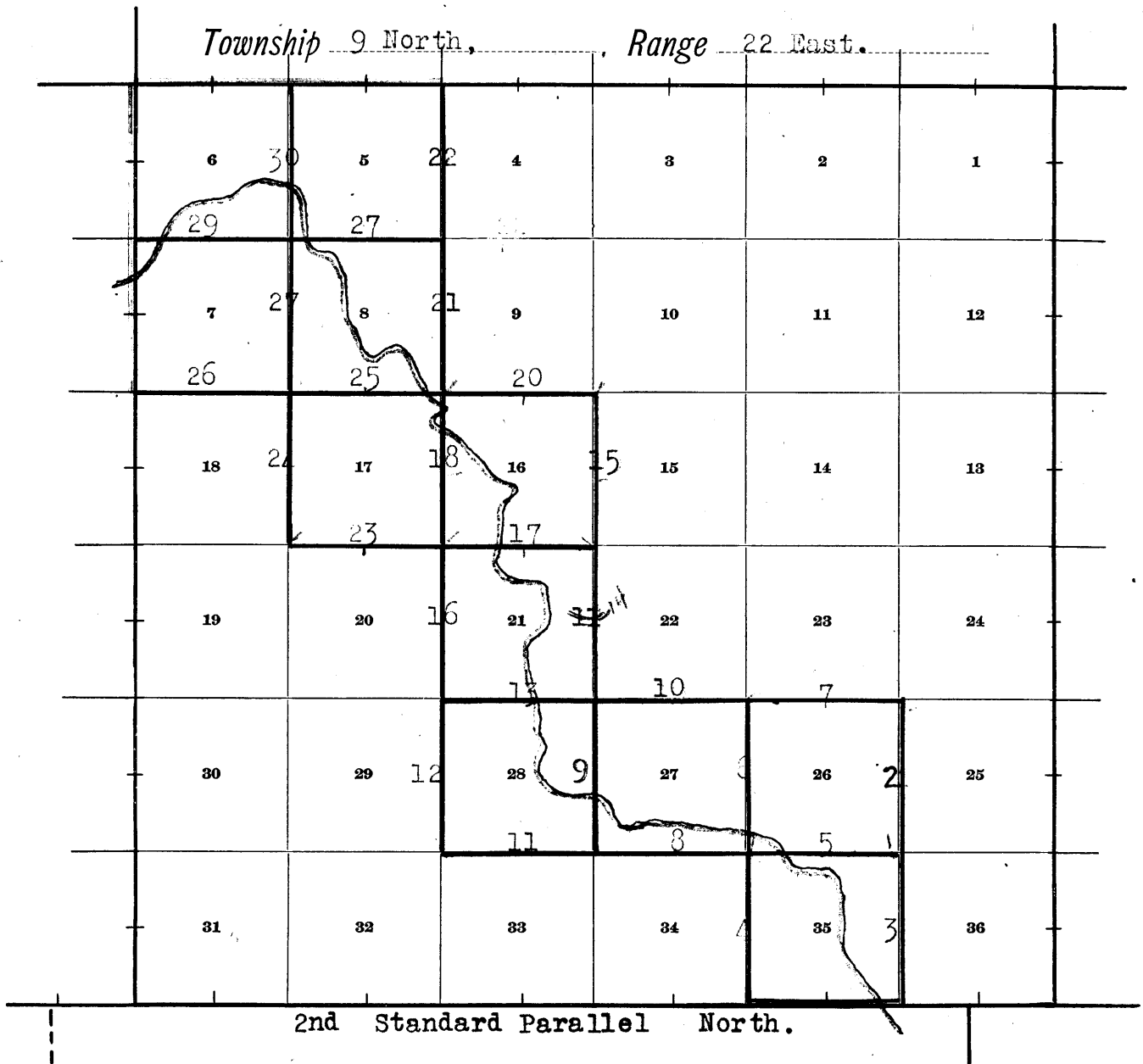
1A

Book "K."

Group 40 - - - Arizona.

BOOK 2987

INDEX DIAGRAM.



- Subdivision lines resurveyed. 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.

6-151

Partial Resurvey of the Subdivision lines of T.9 N., R.22 E. 18

Chains.

Resurvey between July 14, 1915, and July 20, 1915, both inclusive, executed with a Young and Son's solar compass No. 6802, and between July 21, 1915 and July 30, 1915, both inclusive, executed with a new light mountain Buff solar transit No. 9793, both of which instruments are described in Book "A."

Before employing transit No. 9793 to run lines and determine bearings I examine the adjustments, and correct the level and collimation of the transit and a small index error in the latitude arc of the solar; then, to test 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. I proceed as follows:

July 21, 1915: I set the instrument accurately over the tack point in the stake set to mark the south point in the meridian established July 10, 1915, with Young and Son's light mountain transit No. 10, by observations on Polaris, at my camp near the center of sec. 1, T.9 N., R. 21 E., and at 9h. 06.2m. a.m., l.m.t., I set off $34^{\circ}11'$ N. on the lat. arc; and $20^{\circ}37'$ N. on the decl. arc, and determine a meridian with the solar, and mark a point thereof by a tally pin driven in the stake already set about 5 chs. N. of my instrument on the meridian already established by the Polaris observation, on which the solar meridian falls 0.2 ins. west of the meridian established by the Polaris observation.

At 12h. 06.2m. p.m., l.m.t., I set off $20^{\circ}35\frac{1}{2}'$ N. on the decl. arc, and observe the sun on the meridian, and obtain a reading of $34^{\circ}11'$ plus on the lat. arc, which agrees with the latitude previously determined by the stellar observations.

At 4h. 6.2m. p.m., l.m.t., I set off $34^{\circ}11'$ N. on the lat. arc; $20^{\circ}34'$ N. on the decl. arc, and determine a meridian with the solar and mark a point thereof by a tack driven in the stake already set about 5 chs. N. of my instrument. This point falls 0.4 ins. east of the meridian established by the Polaris observation.

The solar apparatus by a.m. and p.m. observations defines positions for meridians respectively about $0' 10''$ W. and $0' 21''$ E. of the meridian established by the Polaris observation; therefore, I conclude that the adjustments of Buff transit No. 9793 are satisfactory.

For complete test of solar compass No. 6802, see book "A."
July 21, 1915.

July 23, 1915. After diligent search, I find the old cor. of secs. 25, 26, 35 and 36, T.9 N., R.22 E., which is a malpais stone $16 \times 10 \times 8$ ins., marked as described by the surveyor general, lying alongside of road, and two of the original bearing trees NE. and SW. of cor.

All evidence of the original location of the old cor. being obliterated by the travel on the road, I reestablish the point of its original position by referring to the bearing trees and

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 25, 26, 35 and 36, marked on brass cap,

T 9 N R 22 E in N., and

1915 in S. half;

S 26 in NW.,

S 25 in NE.,

S 36 in SE., and

S 35 in SW. quadrant; from which the original

2. Partial Resurvey of the Subdivision lines of T.9 N., R.22 E.

Chains.	
	bearing trees, A pine, 24 ins. in diam., brs. N. 22° E., 69 lks. dist., marked T 9 N R 22 E S 25 B T. A pine, 22 ins. in diam., brs. S. 36½° W., 118 lks. dist., marked T 9 N R 22 E S 35 B T. Establish as new bearing trees, A pine, 12 ins. in diam., brs. S. 25½° E., 249 lks. dist., which I mark T 9 N. R 22 E S 36 BT. A pine, 26 ins. in diam., brs. N. 61½° W., 245 lks. dist., which I mark T 9 N R 22 E S 26 BT. The north end gable of deserted house brs. S. 25½° E., 4.00 chs. dist. At 7h. 36m. a.m. l.m.t., I set off 34° 07' N. on the lat. arc; 20° 14½' N. on the decl. arc of the transit, and determine a meridian with the solar at this cor. The unaccepted cor. of secs. 25, 26, 35 and 36 by Deputy Charles E. Perkins, under contract No. 40, brs. east 12 lks. dist.; I destroy all trace of this cor., and the marks on the bearing trees to same.
40.30	Thence, North, on a random line, bet. secs. 25 and 26. Fall 20 lks. E of point formerly occupied by original ¼ sec. cor., which point I locate from the original bearing tree still standing and legibly marked. Can find no trace of the original ¼ sec. cor. True course and dist. of S. ½ bet. secs. 25 and 26 is therefore S. 0° 17' E., 40.30 chs.
40.31	From original ¼ sec. cor. point described above, North, on a random line on N. ½, bet. secs. 25 and 26. Fall 21 lks. W. of the point of original location of sec. cor., which point I locate from original SW. bearing tree, it being the only one remaining. I reestablish the cor. at this point as follows: I set an iron post 3 ft. long, 2 ins. in diam., for cor. of secs. 23, 24, 25 and 26, marked on brass cap, T 9 N R 22 E in N., and 1915 in S. half; S 23 in NW., S 24 in NE., S. 25 in SE., and S 26 in SW. quadrant; from which, the original bearing tree, An oak, 12 ins. in diam., brs. S. 87½° W., 87 lks. dist., marked T 9 N R 22 E S 26 B T. No other trees within limits; raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. True course and dist. of N. ½ bet. secs. 25 and 26 resulting from above noted falling is S. 0° 18' W., 40.31 chs.
.11	Thence, S. 0° 18' W., on a true line on N. ½ bet. secs. 25 and 26.
10.61	Ascend NE. slope, over rolling stony land. Wire fence brs. E. 30 lks. and west about 10.00 chs. dist.
13.30	Wire fence brs. E. 25 lks. and W. about 10.00 chs. dist. Military telegraph line from Fort Apache to Holbrook, Ariz., bears N. 30° W. and S. 30° E.
20.31	Wire fence brs. E. 2.00 chs. and west about 10.00 chs.
21.00	Road to Lakeside, Arizona, brs. N. 60° E. and S. 70° W.
22.90	A point from which a frame house in the town of Lakeside, Arizona, brs. west about 4.00 chs. dist.
25.91	A point from which a frame house in the town of Lakeside, Arizona, brs. west about 450 lks. dist.
30.31	A point 4 chs. E. of frame house in the town of Lakeside, Arizona.
32.16	Wire fence brs. E. and W., 5 lks. W. of SE. cor.
35.00	Main road from Fort Apache to Holbrook, Arizona, brs. N. 70° W. and S. 70° E.
38.91	Another road from Fort Apache to Holbrook, Arizona, brs. N. 20° W. and S. 20° E.
40.31	Intersect the point of original location of ¼ sec. cor., hereinbefore described. Reestablish the ¼ sec. cor. of secs. 25 and 26 at this point as follows:

Partial Resurvey of the Subdivision lines of T.9 N., R.22 E. 3
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,
 $\frac{1}{4}$ S 26 in W.,
 S 25 in E., and
 1915 in S. half; from which the original bearing trees,
 A pine, 24 ins. in diam., brs. S.61°E., 75 lks. dist., marked $\frac{1}{4}$ S 25 B T.
 A pine, 12 ins. in diam., brs. S.83 $\frac{1}{2}$ °W., 250 lks. dist., marked $\frac{1}{4}$ S 26 B T.
- Thence,
 S.0°17'E., on a true line, on S. $\frac{1}{2}$, bet. secs. 25 and 26. Over rolling land.
- 0.31 Fall 20 lks. W. of the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under Contract No. 40. I destroy this cor., and the marks on the bearing trees to same.
- 0.33 Irrigating ditch, 4 lks. wide, course N.60°W., on top of low ridge, brs. NW. and SE.; descend 10 ft., over SW. slope.
- 10.29 Draw 3 chs. wide, course SW.; ascend 15 ft.
- 14.62 A point 5 lks. east of the SE. cor. of wire fence, brs. W. and N.
- 17.29 Top of ridge, brs. N.60°E. and S.60°W.
- 17.60 A point 50 lks. west of NW. cor. of wire fence, brs. E and S.
- 18.10 Road from Fort Apache to Holbrook, Arizona, brs. N.30°E. and S.30°W.
- 30.30 A point 250 lks. W. of frame house.
- 40.30 Intersect the reestablished cor. of secs. 25, 26, 35 and 36, hereinbefore described.
 Land, rolling and stony.
 Soil, poor dry, stony clay loam, 3rd and 4th rate.
 Timber, pine and oak.

July 23, 1915.

- July 24, 1915. At 7h. 19.3m. a.m., l.m.t., I set off 34°07' N. on the lat. arc; 20°02 $\frac{1}{2}$ ' N. on the decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 25, 26, 35 and 36.
- Thence,
 South, on a random line, bet. secs. 35 and 36.
- 40.00 No trace of the old $\frac{1}{4}$ sec. cor. can be found after diligent search; therefore, continue line and measurement.
- 79.90 Fall 46 lks. W. of the old standard cor. of secs. 35 and 36, on S. bdy. of Tp. (2nd Stand. Par. N.) later reestablished by me as described in Book "C."
 True course and dist. of line bet. secs. 35 and 36 is therefore N.0° 20' W., 79.90 chs.
- Thence,
 N.0°20' W. on a true line, bet. secs. 35 and 36.
 Over rolling sandy bottom land, along road from Fort Apache to Holbrook.
- 39.95 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 35 in W.,
 S 36 in E., and
 1915 in S. half; from which
 An oak, 22 ins. in diam., brs. S.35 $\frac{1}{4}$ °W., 228 lks. dist., marked $\frac{1}{4}$ S 35 B T.
 No other trees within limits; dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist., and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
- 72.80 Creek, 20 lks. wide, water clear 18 ins. deep, on stony bottom, course west; ascend 8 ft.
- 79.90 Intersect the reestablished cor. of secs. 25, 26, 35 and 36, hereinbefore described.
 Land, rolling valley.

4. Partial Resurvey of the Subdivision lines of T.9 N., R.22 E.
Chains.

Soil, medium rich black sandy loam, on adobe clay subsoil.
Timber, scattering oak and pine.
Rain at 9 a.m. prevents further work on this day.
July 24, 1915.

-
- July 27, 1915. At 8h. 36.3m. a.m., l.m.t., I set off $34^{\circ} 06' N.$ on the lat. arc; $19^{\circ} 23' N.$ on the decl. arc, and determine a meridian with the solar at the reestablished standard cor. of secs. 34 and 35 on S. bdy. of Tp. (2nd Stand. Par. N.) described in Book "C."
- Thence,
North, on a random line, bet. secs. 34 and 35.
- 39.80 Fall 100 lks. E. of the old $\frac{1}{4}$ sec. cor., which is a sandstone $12 \times 10 \times 5$ ins., loosely set, marked and witnessed as described by the surveyor general.
True course and dist., of S. $\frac{1}{2}$ bet. secs. 34 and 35 is therefore $S. 1^{\circ} 26' E.$, 39.80 chs.
- 40.10 North, on a random line on N. $\frac{1}{2}$, bet. secs. 34 and 35.
Fall 7 lks. W. of the old cor. of secs. 26, 27, 34 and 35, which is a sandstone $14 \times 8 \times 6$ ins., loosely set, marked with 2 notches on E. and 1 notch on S. edges, and witnessed by one of the original bearing trees.
True course and dist., of N. $\frac{1}{2}$ bet. secs. 34 and 35 is therefore $S. 0^{\circ} 6' W.$, 40.10' chs.
This cor. being in a dilapidated condition, I reestablish it in same place, as follows:
Reset the same stone 10 ins. in the ground for cor. of secs. 26, 27, 34 and 35, from which original bearing tree,
An oak, 12 ins. in diam., brs. $S. 52^{\circ} E.$, 22 lks. dist., marked T 9 N R 22 E S 35 B T.
Establish a new bearing trees:
A pine, 8 ins. in diam., brs. $N. 81^{\circ} E.$, 32 lks. dist., which I mark T 9 N R 22 E S 26 B T.
An oak, 8 ins. in diam., brs. $S. 19^{\circ} W.$, 88 lks. dist., which I mark T 9 N R 22 E S 34 B T.
No other trees suitable for bearing trees available.
Raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
Pits impracticable.
- Thence I run,
 $S. 0^{\circ} 6' W.$ on a true line on N. half, bet. secs. 34 and 35.
Descend SE. slope, over stony mountainous land, 155 ft., through heavy pine and oak timber and brush/
- 16.30 Dry ravine, 8 lks. wide, course $S. 30^{\circ} W.$; ascend 14 ft.
24.10 Top of spur, brs. $N. 60^{\circ} E.$ and $S. 60^{\circ} W.$; descend 52 ft.
28.20 Road from Lakeside to Forestdale, Arizona, brs. $N. 60^{\circ} E.$ and $S. 60^{\circ} W.$
- 29.10 Dry ravine, 10 lks. wide, course $S. 70^{\circ} W.$; ascend 34 ft.
30.30 Log cabin brs. west 50 lks. dist.
32.10 A spring brs. west 150 lks. dist., 34 ft.
35.10 Top of spur, brs. $N. 40^{\circ} W.$ and $S. 40^{\circ} E.$; descend 50 ft.
39.60 Dry ravine, 6 lks. wide, course $N. 70^{\circ} W.$; ascend 6 ft.
40.10 Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described, which I reestablish in same place, as follows:
Reset the same stone, 8 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face, from which the original bearing trees,
A pine, 12 ins. in diam., brs. $S. 76\frac{1}{2}^{\circ} E.$, 34 lks. dist., marked $\frac{1}{4}$ S 35 B T.
A pine, 20 ins. in diam., brs. $N. 20\frac{1}{2}^{\circ} W.$, 48 lks. dist., marked $\frac{1}{4}$ S 34 B T.
- Thence,
 $S. 1^{\circ} 26' E.$ on a true line on S. $\frac{1}{2}$, bet. secs. 34 and 35.
Over mountainous land; ascend.
- 13.30 Top of spur, brs. $N. 70^{\circ} E.$ and $S. 70^{\circ} W.$, 43 ft. above the $\frac{1}{4}$ sec. cor.; descend 81 ft.
19.75 Dry ravine, 5 lks. wide, course west; ascend 49 ft.
22.80 Top of spur, brs. $N. 50^{\circ} W.$ and $S. 50^{\circ} E.$; descend 48 ft.
25.45 Dry ravine, 5 lks. wide, course $N. 20^{\circ} W.$; ascend 48 ft.
30.80 Top of spur, brs. $N. 50^{\circ} W.$ and $S. 50^{\circ} E.$ descend 81 ft.
38.97 Dry ravine, 8 lks. wide, course SW.; ascend 14 ft.

Book 1987

Partial Resurvey of the Subdivision lines of T.9 N., R.22 E., 5.

Chains.

39.81 Intersect the reestablished cor. of secs. 26, 27, 34 and 35, hereinbefore described.
 Land, mountainous, spurs steep, rocky, covered with heavy brush undergrowth.
 Soil, poor, dry stony clay loam.
 Timber, oak, juniper and pine.
 July 27, 1915.

July 23, 1915. At 3h. 51m. p.m., l.m.t., I set off $34^{\circ} 07' N.$ on the lat. arc; $20^{\circ} 10' N.$ on the decl. arc, and determine a meridian with the solar at the old cor. of secs. 26, 27, 34 and 35.

40.07 Thence, $S. 89^{\circ} 54' E.$, on a random line, bet. secs. 26 and 35.
 Fall 30 lks. S. of the old $\frac{1}{4}$ sec. cor., which is a sandstone $10 \times 10 \times 8$ ins. above ground, marks almost obliterated, with a mound of stone around cor.
 True course and dist. of $W. \frac{1}{2}$ bet. secs. 26 and 35 is therefore $S. 89^{\circ} 40' W.$, 40.07 chs.

40.38 From old $\frac{1}{4}$ sec. cor. described above, $S. 89^{\circ} 54' E.$, on a random line on $E. \frac{1}{2}$, bet. secs. 26 and 35.
 Fall 12 lks. S. of the reestablished cor. of secs. 25, 26, 35 and 36, hereinbefore described.
 True course and dist. of E. half, bet. secs. 26 and 35 is therefore $S. 89^{\circ} 56' W.$, 40.38 chs.

Thence, $S. 89^{\circ} 56' W.$, on a true line on $E. \frac{1}{2}$, bet. secs. 26 and 35.
 Over rolling, stony land, through scattering pine timber.
 Wire fence brs. N. and S.
 11.48 Road from Fort Apache to Holbrook, Arizona, brs. $N. 30^{\circ} W.$, and $S. 30^{\circ} E.$; descend SW. slope, 20 ft.

15.18 Creek, 25 lks. wide, water 18 ins. deep, course $N. 20^{\circ} W.$
 40.38 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 26 in N., and S 35, 1915 in S. half; from which I established as bearing trees,
 A pine, 28 ins. in diam., brs. $N. 77^{\circ} \frac{3}{4} E.$, 75 lks. dist., which I mark $\frac{1}{4}$ S 26 B T.
 A pine, 14 ins. in diam., brs. $S. 91^{\circ} E.$, 109 lks. dist., which I mark $\frac{1}{4}$ S 35 B T.

Thence, $S. 89^{\circ} 40' W.$, on a true line, on $W. \frac{1}{2}$, bet. secs. 26 and 35.
 Over rolling land, along fence.
 2.99 Irrigating ditch, 4 lks. wide, course $N. 10^{\circ} E.$

15.22 Irrigating ditch, course north.
 19.29 Wire fence brs. $N. 40^{\circ} W.$ and $S. 40^{\circ} E.$
 20.09 Wire fence along N. bdy. of the Fort Apache Indian Reservation brs. $N. 40^{\circ} W.$ and $S. 40^{\circ} E.$

20.17 Intersect the N. bdy. of the Fort Apache Indian Reservation 7.57 chs. $N. 60^{\circ} 15' W.$ of Angle Point No. 320, 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. 26 and 35, marked on brass cap,
 T 9 N R 22 E in N., and
 F A I R, 1915 in S. half;
 S 26 in NE., and
 S 35 in SW. sector.

From this cor., the unaccepted closing cor. of secs. 26 and 35 set by Deputy Charles E. Perkins under contract No. 40, brs. $S. 60^{\circ} 15' E.$, 3.17 chs. dist. I destroy all trace of this closing cor., and the marks on the bearing trees to same.

23.22 Wire fence along top of Mogollon Rim brs. $N. 60^{\circ} W.$ and $S. 60^{\circ} E.$; descend SW. slope, 24 ft. over mountainous land.

6. Partial Resurvey of the Subdivision lines of T. 9 N., R. 22 E.

Chains.	
35.57	Dry ravine, 8 lks. wide, course S. 10° W.; ascend 15 ft.
40.07	Intersect the old cor. of secs. 26, 27, 34 and 35, reestablished later as hereinbefore described. Land, rolling and mountainous; soil, medium rich sandy and stony loam. Timber, oak, juniper and pine.
	July 23, 1915.

	July 23, 1915. At lh. 06m. p.m., l.m.t., I set off 34° 08' N. on the lat. arc; 20° 11½' N. on the decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 22, 23, 26 and 27, hereinafter described.
	Thence,
40.00	South, on a random line, bet. secs. 26 and 27. No trace can be found of the old ¼ sec. cor. after diligent search; therefore, continue line and measurement.
80.54	Fall 54 lks. E. of the old cor. of secs. 26, 27, 34 and 35, which is a sandstone 14x8x6 ins., above ground, loosely set, marked with 2 notches on E. and 1 notch on S. edges, witnessed by one of the original bearing trees. True course and dist. of line bet. secs. 26 and 27 is therefore N. 0° 23' E., 80.54 chs.
	Thence,
	N. 0° 23' E. on a true line, bet. secs. 26 and 27. Ascend SE. slope, of the Mogollon Mesa, over mountainous land, through heavy pine, juniper and oak timber and brush.
6.00	Top of ascent on rim of mesa, 18 ft. above the cor., brs. N. 80° W. and S. 80° E.; leave mountainous land, brs. E. and W.; enter rolling land.
10.90	Intersect the N. bdy. of the Fort Apache Indian Reservation, 3.22 chs. N. 78° 06' W. of the 52½ mile Mon., 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. 26 and 27, marked on brass cap,
	C C N of center, T 9 N R 22 E in N. half; F A I R, 1915 in S. half; S 26 in NE., and S 27 in SW. sector.
	From this cor., the unaccepted closing cor. of secs. 26 and 27, set by Deputy Charles E. Perkins, brs. east 2 lks. dist. I destroy all trace of this closing cor., and the marks on the bearing trees to same.
11.24	Road brs. N. 70° W. and S. 70° E.
19.30	Enter road brs. N. and S. 30° E.
21.00	Leave timber, brs. E. and W.
34.65	A point from which a deserted house brs. east 2.00 chs. dist.
40.27	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 27 in W., S 26 in E., and 1915 in S. half; from which A pine, 24 ins. in diam., brs. N. 43¾° E., 79 lks. dist., marked ¼ S 26 B T. A pine, 28 ins. in diam., brs. N. 21¼° W., 148 lks. dist., marked ¼ S 27 B T.
47.84	Draw, course east; ascend 10 ft.
53.64	A point from which a house brs. west, 1.00 chain dist.
65.54	Top of ridge, brs. N. 60° W. and S. 60° E.; descend about 5 ft.
75.54	Dry ravine, 4 lks. wide, course east; ascend about 5 ft.
80.54	Intersect the reestablished cor. of secs. 22, 23, 26 and 27, hereinafter described. Land, rolling and mountainous. Soil, of S. 20 chs. dry, stony clay loam, 12 ins. deep, on dry clay subsoil. B N. 60 chs. sandy clay loam, about 18 ins. deep on stony, clay subsoil.

Partial Resurvey of the Subdivision lines of T.9 N., R.22 W. 7.

Chains

Tinber, oak, juniper and pine.
Mountainous land, 6.00 chs.

July 23, 1915. At 10h. 21m. a.m., l.m.t, I set off 34° 08' N. on the lat. arc; 29° 12½' N. on the decl. arc; and determine a meridian with the solar at the reestablished cor. of secs. 23, 24, 25 and 26.

Thence, N. 89° 50' W. on a random line, bet. secs. 23 and 26.

40.12

I make a diligent search for the old ¼ sec. cor., which I fail to find; therefore continue line and measurement.

44.08

Intersect the east shore of lake, brs. N. and S. Water being too deep for wading, thus rendering chaining across impracticable, I triangulate as follows:

Set flag on random line on W. side of lake.
From 44.08 ch. sta. measure a base N. 0° 10' E., 5.49 chs.

From N. end of base flag brs. S. 75° 48' W.
Included angles are 75° 38', 90° 00' and 14° 22', the sum of which is 180° 00'.

Dist. on random line from S. end of base to flag is obtained by

Tang. 75° 38' x base or 3.90417 x 5.49 = 21.43 chs., which added to 44.08 chs. =

65.51

Flag point on W. side of lake about 2 chs. W. of edge of water. Continue measurement by chaining.

79.95

Fall 58 lks. N. of point formerly occupied by original cor. of secs. 22, 23, 26 and 27, which point I locate by reference to two of the original bearing trees NW. and SW. of point and stump of a third tree NE. of point.

At this point, I reestablish the cor. of said secs., as follows:

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 22, 23, 26 and 27, marked on brass cap,

- T 9 N R 22 E in N., and
- 1915 in S half;
- S 22 in NW.,
- S 23 in NE.,
- S 26 in SE., and
- S 27 in SW. quadrant; from which original bearing trees,

A stump of pine, burned off to ground brs. N. 50° E., 21 lks. dist.

An oak, 10 ins. in diam., brs. S. 9° W., 87 lks. dist., marked T 9 N R 22 E S 27 B T.

This tree is nearly dead.

An oak, 12 ins. in diam., brs. N. 66° W., 23 lks. dist., marked T 9 N R 22 E S 22 B T. This tree is dead.

Establish as new bearing trees:

A juniper, 24 ins. in diam., brs. S. 53¾° W., 179 lks. dist., which I mark T 9 N R 22 E S 27 B T.

A pine, 10 ins. in diam., brs. N. 58½° W., 103 lks. dist., which I mark T 9 N R 22 E S 22 B T.

A pine, 24 ins. in diam., brs. N. 10½° E., 153 lks. dist., which I mark T 9 N R 22 E S 23 B T.

An oak, 12 ins. in diam., brs. S. 7° E., 54 lks. dist., which I mark T 9 N R 22 E S 26 B T.

From this cor., the unaccepted cor. of same secs. set by Deputy Charles E. Perkinsm under contract No. 40, brs. N. 45° E., 21 lks. dist., which cor. I destroy, and marks on bearing trees to same.

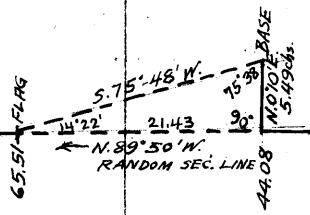
True course & dist. of line bet. secs. 23 and 26, resulting from above notes falling is N. 89° 45' E., 79.95 chs.

Thence, N. 89° 45' E., on a true line, bet. secs. 23 and 26.

Descend E. slope, over rolling, stony land, through scattering pine and oak timber.

.67

Wire fence brs. N. 40° W. and S. 40° E.



8. Partial Resurvey of the Subdivision lines of T.9 N., R.22 E.

Chains.

- .95 Ranch road brs.N.40°W. and S.40°E.
 1.51 Wire fence brs.N.40°W. and S.40°E.; leave timber brs. NW. and SE.; enter open land in old field.
 16.45 Intersect west shore of lake, brs.N.20°E., and south.
 35.87 East shore of lake, brs.N. and S. Enter scattering pine timber, brs.N. and S.
 39.97½ 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 23 in N., and S 26, 1915 in S. half; from which
 A pine, 8 ins. in diam., brs.N.58½°W., 151 lks. dist., marked $\frac{1}{4}$ S 23 B T.
 A pine, 48 ins. in diam., brs.S.61½°W., 69 lks. dist., marked $\frac{1}{4}$ S 26 B T.
 40.95 Leave timber, brs.N. and S. Enter cultivated land, extends N. about 8 chs., and south 15 chs. dist.; ascend gradually W. slope, about 20 ft.
 58.43 Wire fence brs.N. and S., extends N. about 10 chs. and S. 20 chs. dist. Leave cultivated land; enter road.
 58.60 Irrigating ditch, 5 lks. wide, course N.
 59.95 Top of ascent; thence over rolling, stony land.
 60.30 Road from Fort Apache to Holbrook, brs.N.10°W. and S.70°E.
 67.65 Irrigating ditch, 8 lks. wide, course N.
 67.90 Road brs.N. and S. Enter town of Lakeside, Arizona.
 68.40 A frame house brs.N. 4.00 chs. dist.
 69.10 A frame house brs.S. 150 lks. dist.
 70.10 Military telegraph line from Fort Apache to Holbrook, Arizona, brs.N.20°W. and S.20°E.
 71.50 A carpenter shop on line. At this point, leave road, brs.S.; descend NE. slope, 13 ft. along wire fence, brs.E. and W.
 79.95 Intersect the reestablished cor. of secs. 23, 24, 25 and 26 hereinbefore described.
 Land, rolling.
 Soil, sandy and stony loam, 4 to 12 ins. deep on stony clay subsoil.
 Timber, scattering pine and oak.

July 23, 1915.

July 27, 1915. At 11h. 6.3m. a.m., l.m.t., I set off 34°8' N. on the lat. arc; 19°21½' N. on the decl. arc, and determine a meridian with the solar at the reestablished cor. of secs. 26, 27, 34 and 35.

Thence,

- 39.96 N.89°36'W., on a random line, bet. secs. 27 and 34. I make a diligent search for the old $\frac{1}{4}$ sec. cor., which I fail to find; therefore, continue line and measurement.
 79.14 Fall 2 lks. N. of the old cor. of secs. 27, 28, 33 and 34, which is a sandstone 12x10x6 ins. above ground, loosely set, marks almost obliterated, witnessed by the three original bearing trees.
 True course and dist. of line, bet. secs. 27 and 34 is therefore S.89°37'E., 79.14 chs.
 This cor. being in a dilapidated condition, I destroy and reestablish it in original position as follows:
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap, T 9 N R 22 E in N.,
 1915 in S. half;
 S 28 in NW.,
 S 27 in NE.,
 S 34 in SE., and
 S 33 in SW. quadrant; from which the original bearing trees,
 An oak, 14 ins. in diam., brs.S.5°E., 26 lks. dist., marked T 9 N R 22 E S 34 B T.
 A juniper, 30 ins. in diam., brs.S.43°W., 62 lks. dist., marked T 9 N R 22 E S 33 B T.
 An oak, 12 ins. in diam., brs.N.61½°W., 64 lks. dist., marked T 9 N R 22 E S 28 B T.

Partial Resurvey of Subdivision lines of T.9 N. R.22 E. 9.

Chains.

No other trees suitable for bearing trees available; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Thence,
S. 89° 37' E., on a true line, bet. secs. 27 and 34.
Descend NE. slope, over stony, mountainous land, through pine and oak timber and brush.

3.50 Draw, 30 lks. wide, course S. 30° E., 26 ft. below cor.; ascend 131 ft.

17.50 Top of spur, brs. N. and S.; descend 137 ft.

31.20 Dry ravine, 100 lks. wide, course S. 10° W.; ascend 101 ft.

39.50 Top of spur, brs. N. and S.; descend 25 ft.

39.57 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 27 in N., and
S 34, 1915 in S. half; from which
A pine, 16 ins. in diam., brs. N. 30 1/2° W., 119 lks. dist., marked 1/4 S 27 B T.
A juniper, 36 ins. in diam., brs. S. 42° W., 93 lks. dist., marked 1/4 S 34 B T.

At this cor., I set off 19° 21' N. on the decl. arc; and at noon, apparent time, observe the sun on the meridian, the resulting latitude being 34° 07' N.

56.64 Dry ravine, 3 chs. wide, 214 ft. below cor., course S. 30° E.; ascend spur, 43 ft.

64.15 Top of spur, brs. N. and S.; descend 79 ft.

69.20 Dry ravine, 150 lks. wide, course S. 20° W.; ascend 88 ft.

76.15 Top of spur, brs. N. 20° E. and S. 20° W.; descend 45 ft.

79.14 Intersect the reestablished cor. of secs. 26, 27, 34 and 35, hereinbefore described.

Land, mountainous, spurs with abrupt slopes, covered with brush and loose stone.
Soil, poor, dry stony clay loam, 3 to 6 ins. deep on dry clay subsoil.
Timber, oak, juniper and pine.

From reestablished cor. of secs. 27, 28, 33 and 34,
North, on a random line, bet. secs. 27 and 28.

40.20 Fall 20 lks. E. of the old 1/4 sec. cor., which is an oak post 4 ins. sq., greatly decayed standing in a mound of earth, marks almost obliterated, witnessed by the two original bearing trees.
True course and dist. of S. 1/2, bet. secs. 27 and 28 is therefore S. 0° 17' E., 40.20 chs.
From old 1/4 sec. cor., described above,
North, on a random line on N. 1/2, bet. secs. 27 and 28.

40.16 Fall 38 lks. E. of the old cor. of secs. 21, 22, 27 and 28, which is a granite stone 12x10x6 ins. above ground, firmly set, marked with 3 notches on E. and 2 notches on S. edges; from which original bearing trees,
A pine, 24 ins. in diam., brs. N. 22° 15' E., 99 lks. dist., marked T 9 N R 22 E S 22 B T.
A pine, 30 ins. in diam., brs. S. 32 1/2° W., 71 lks. dist., marked T 9 N R 22 E S 28 B T.

Establish as new bearing trees,
A pine, 20 ins. in diam., bears S. 11° E., 156 lks. dist., which I mark T 9 N R 22 E S 27 B T.
A pine 14 ins. in diam., brs. N. 0° 30' W., 162 lks. dist., which I mark T 9 N R 22 E S 21 B T.

True course and dist. of N. 1/2 bet. secs. 27 and 28 is therefore S. 0° 15' E., 40.16 chs.

Thence,
S. 0° 15' E., on a true line, on N. 1/2, bet. secs. 27 and 28.
Ascend about 15 ft., over rolling, sandy land, slopes to the north, through heavy pine and juniper timber and brush.

2.96 Old road, brs. N. 70° E. and S. 70° W.

40.16 Intersect the old 1/4 sec. cor., hereinbefore described, which

10. Partial Resurvey of the Subdivision lines of T.9 N., R.22 E.

Chains.	I destroy, and reestablish in the 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 28 in W., S 27 in E., and 1915 in S half; from which the original bearing trees, A pine, 12 ins. in diam., brs. S. 36° E., 49 lks. dist., marked $\frac{1}{4}$ S 27 B T. An oak, 6 ins. in diam., brs. S. 54° W., 35 lks. dist., marked $\frac{1}{4}$ S 28 B T.
7.28	Thence S $0^{\circ}17'$ E. on a true line, on S. $\frac{1}{2}$, bet. secs. 27 and 28. Over mountainous land; ascend. Intersect N. bdy. of the Fort Apache Indian Reservation 1.53 chs. N. $56^{\circ}00'$ W. of Angle point No. 332, 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 closing cor. of secs. 27 and 28, marked on brass cap, C C N of center, T 9 N, R 22 E in N., and F A I R, 1915 in S. half; S 27 in NE., and S 28 in SW. sector.
7.59	From this point the closing cor. of secs. 27 and 28 set by Deputy Charles E. Perkins, under contract No. 40, brs. N. 56° W., 168 lks. dist. I destroy all trace of this closing cor., and the marks on the bearing trees to same.
35.70	Top of rim of the Mogollon Mesa, brs. NW. and SE.; descend SE. slope, 136 ft., over stony, mountainous land.
40.20	Leave timber, brs. E. and W. Intersect the reestablished cor. of secs. 27, 28, 33 and 34, hereinbefore described. Land, rolling and mountainous. Soil, sandy and stony clay loam, 6 to 12 ins. deep, on stony clay subsoil. Timber, oak, juniper and pine.
	July 27, 1915.

	July 28, 1915: At 4h. 06.3m. p.m., l.m.t., I set off $34^{\circ}08'$ N. on the lat. arc; $19^{\circ}05\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar at the old cor. of secs. 21, 22, 27 and 28.
39.81	Thence S. $89^{\circ}57'$ E., on a random line, bet. secs. 22 and 27. Fall 27 lks. N. of the old $\frac{1}{4}$ sec. cor. which is a sandstone 12x12x6 ins., loosely set, marked $\frac{1}{4}$ on N. face, witnessed by the two original bearing trees. True course and dist. of W. $\frac{1}{2}$, bet. secs. 22 and 27 is therefore N. $89^{\circ}34'$ W., 39.81 chs. From old $\frac{1}{4}$ sec. cor. described above, S. $89^{\circ}57'$ E. on a random line, on E. $\frac{1}{2}$, bet. secs. 22 and 27.
40.18	Fall 19 lks. N. of the reestablished cor. of secs. 22, 23, 26 and 27, hereinbefore described. True course and dist. of E. $\frac{1}{2}$ bet. secs. 22 and 27 is therefore N. $89^{\circ}41'$ W., 40.18 chs. Thence, N. $89^{\circ}41'$ W., on a true line on E. $\frac{1}{2}$, bet. secs. 22 and 27. Over rolling, stony land, through oak, juniper and pine timber and brush.
.08	Wire fence brs. N. and S.
.58	Road to Lakeside, Arizona, brs. N. and S.
20.00	Top of low hill about 8 ft. above cor., brs. NE. and SW.; descend gradually over NW. slope.
32.88	Old wood road, brs. N. 50° E. and S. 30° W.
40.18	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 22 E 11

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,
 $\frac{1}{4}$ S 22 in N., and
 S 27 1915 in S. half; from which the original bearing trees,
 A pine, 14 ins. in diam., brs. N. $13\frac{1}{2}^{\circ}$ W., 117 lks. dist., marked $\frac{1}{4}$ S 22 B T.
 A pine, 12 ins. in diam., brs. S. $30\frac{1}{2}^{\circ}$ E., 67 lks. dist., marked $\frac{1}{4}$ S 27 B T.

Thence
 N. $89^{\circ} 34'$ W., on a true line on W. $\frac{1}{2}$, bet. secs. 22 and 27. Over rolling land.
 10.31 Wash, 10 lks. wide, course north; ascend about 7 ft.
 24.82 Top of low hill, brs. N. and S.; descend 10 ft.
 28.82 Dry ravine, 10 lks. wide, course N. 10° W.; ascend 4 ft.
 31.41 Old wood road, brs. N. 70° E., and S. 70° W.
 39.81 Intersect the old cor. of secs. 21, 22, 27 and 28, hereinbefore described.
 Land, rolling, stony mesa.
 Soil, sandy and stony loam, 4 to 12 ins. deep on dry stony clay subsoil.
 Timber, oak, juniper and pine.
 July 28, 1915.

July 28, 1915. At 7h. 36.3m., a.m., l.m.t., I set off $34^{\circ} 07'$ N. on the lat. arc; $19^{\circ} 10\frac{1}{2}'$ N. on the decl. arc, and determine a meridian with the solar, at the reestablished cor. of secs. 27, 28, 33 and 34.

Thence,
 N. $89^{\circ} 52'$ W., on a random line, bet. secs. 28 and 33.
 41.22 Fall 54 lks. S. of the old $\frac{1}{4}$ sec. cor., which is a sandstone 12x10x10 ins., marked $\frac{1}{4}$ on N. face, witnessed by the two original bearing trees.
 True course and dist. of E. $\frac{1}{2}$, bet. secs. 28 and 33 is therefore S. $89^{\circ} 07'$ E., 41.23 chs.
 From old $\frac{1}{4}$ sec. cor. described above,
 N. $89^{\circ} 52'$ W., on a random line on W. $\frac{1}{2}$, bet. secs. 28 and 33.
 39.97 Fall 74 lks. S. of the old cor. of secs. 28, 29, 32 and 33, which is a sandstone 12x12x12 ins. loosely set, with marks almost obliterated and witnessed by two of the original bearing trees.
 True course and dist. of W. $\frac{1}{2}$ bet. secs. 28 and 33 is therefore S. $88^{\circ} 48'$ E., 39.98 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. 28, 29, 32 and 33, marked on brass cap,
 T 9 N, R 22 E in N., and
 1915 in S half;
 S 29 in NW.,
 S 28 in NE.,
 S 33 in SE., and
 S 32 in SW. quadrant; from which original bearing trees,
 An oak, 14 ins. in diam., brs. S. $68\frac{1}{2}^{\circ}$ W., 55 lks. dist., marked T 9 N R 22 E S 32 B T.
 An oak, 12 ins. in diam., brs. N. $62\frac{1}{2}^{\circ}$ E., 24 lks. dist., marked T 9 N R 22 E S 28 B T. Establish as new bearing trees:
 A pine, 30 ins. in diam., brs. S. $72\frac{1}{2}^{\circ}$ E., 136 lks. dist., which I mark T 9 N R 22 E S 33 B T.
 An oak, 12 ins. in diam., brs. N. $82\frac{1}{2}^{\circ}$ W., 138 lks. dist., which I mark T 9 N R 22 E S 29 B T.

Thence
 S. $88^{\circ} 48'$ E., on a true line on W. $\frac{1}{2}$, bet. secs. 28 and 33. Over stony, mountainous land, through heavy pine and juniper timber.
 9.97 Dry ravine, 100 lks. wide, course S. 70° W.; ascend 6 ft.
 12.00 Point of spur brs. SE.; descend 10 ft.

12. Partial Resurvey of the Subdivision lines of T. 9 N. R. 22 E.

Chains.	
15.00	Same ravine, 100 lks. wide, course N. 70° W.; ascend 17 ft.
32.00	Top of spur, brs. NW. and SE.; descend 11 ft.
32.22	Dry ravine, 5 lks. wide, course S. 30° W.; ascend 57 ft.
39.98	Intersect the old $\frac{1}{4}$ sec. cor., hereinbefore described, which I destroy, and reestablish in the 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 28 in N., and $\frac{1}{4}$ S 33, 1915 in S. half; from which the original bearing trees, A pine, 14 ins. in diam., brs. N. 22° E., 15 lks. dist., marked $\frac{1}{4}$ S 28 B T A pine, 20 ins. in diam., brs. S. 14 $\frac{1}{2}$ ° W., 19 lks. dist., marked $\frac{1}{4}$ S 33 B T.
	Thence, S. 89° 07' E. on a true line, on E. $\frac{1}{2}$, bet. secs. 28 and 33. Over mountainous land; ascend 33 ft.
11.23	Top of spur, brs. N. 20° E. and S. 20° W.; descend 52 ft.
15.08	Dry ravine, 5 lks. wide, course S. 10° W.; ascend 41 ft.
24.23	Top of spur, brs. N. 20° E. and S. 20° W.; descend 20 ft.
25.37	Dry ravine, 6 lks. wide, course S. 20° W.; ascend 90 ft.
34.23	Top of spur, brs. N. 20° E. and S. 20° W.; descend 79 ft.
41.23	Intersect the reestablished cor. of secs. 27, 28, 33 and 34, hereinbefore described. Land, mountainous, spurs steep, rocky, covered with dense juniper and oak brush undergrowth. Soil, poor, dry stony clay loam, about 8 ins. deep on stony clay subsoil. Timber, oak, juniper, and pine.

	From reestablished cor. of secs. 28, 29, 32 and 33, North, on a random line, bet. secs. 28 and 29.
40.16	Fall 24 lks. W. of the old $\frac{1}{4}$ sec. cor., which is a sandstone 12x12x4 ins., loosely set, marked $\frac{1}{4}$ on W face, witnessed by the two original bearing trees. True course and dist. of S. $\frac{1}{2}$, bet. secs. 28 and 29 is therefore S. 0° 21' W., 40.16 chs.
	From old $\frac{1}{4}$ sec. cor., described above, North, on a random line on N. $\frac{1}{2}$, bet. secs. 28 and 29.
39.58	Fall 28 lks. W. of the old cor. of secs. 20, 21, 28 and 29, which is a sandstone 16x12x8 ins. above ground, loosely set, marked as described by the surveyor general. True course and dist. of N. $\frac{1}{2}$, bet. secs. 28 and 29 is therefore S. 0° 24' W., 39.58 chs. This cor. being in a dilapidated condition and insufficiently witnessed, I reestablish it in the same place, as follows: Reset the same stone, 12 ins. in the ground for cor. of secs. 20, 21, 28 and 29, marked with 4 notches on E. and 2 notches on S. edges, from which I establish as bearing trees, A pine, 10 ins. in diam., brs. N. 9 $\frac{3}{4}$ ° E., 77 lks. dist., which I mark T 9 N R 22 E S 21 B T. A juniper, 16 ins. in diam., brs. S. 25 $\frac{1}{2}$ ° E., 30 lks. dist., which I mark T 9 N R 22 E S 28 B T. A pine, 6 ins. in diam., brs. S. 20° W., 27 lks. dist., which I mark T 9 N R 22 E S 29 B T. A juniper, 40 ins. in diam., brs. N. 20 $\frac{1}{2}$ ° W., 54 lks. dist., which I mark T 9 N R 22 E S 20 B T. At this cor., I set off 19° 07 $\frac{1}{2}$ ' N. on the decl. arc; and at noon, apparent time observe the sun on the meridian; the resulting lat. being 34° 08' N. Thence S. 0° 24' W., on a true line, on N. $\frac{1}{2}$ bet. secs. 28 and 29. Descend SE. slope of spur, over stony, mountainous land, through heavy pine and juniper timber and brush.
31.68	Dry ravine, 10 lks. wide, course S. 20° E., 360 ft. below cor.; ascend NE. slope 9 ft.

Partial Resurvey of the Subdivision lines of T 9 N. R 22 E. 13.

- Chains.
- 33.88 Top of ascent on spur, brs. NW. and SE.; descend 10 ft.
- 39.25 Dry ravine, 10 lks. wide, course S. 70° E.; ascend 15 ft.
- 39.58 Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described, which I reestablish in the same place, as follows:
Reset the same stone, 9 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S on W. face from which the original bearing trees,
A pine, 24 ins. indiam., bears N. 19 $\frac{1}{2}$ ° E., 11 lks. dist., marked $\frac{1}{4}$ S 28 B T.
A pine, 20 ins. in diam., brs. N. 47 $\frac{1}{2}$ ° W., 64 lks. dist., marked $\frac{1}{4}$ S 29 B T.
- Thence,
S. 0° 21' W., on a true line, on S. $\frac{1}{2}$ bet. secs. 28 and 29. Over mountainous land; ascend.
- 3.67 Top of ascent on point of spur NW.; descend 4 ft.
- 8.96 Dry ravine, 10 lks. wide, banks 6 ft. high, course east. Ascend 45 ft.
- 9.89 Wire fence brs. N. 60° E. and S. 60° W.
- 12.17 Top of spur, brs. NW. and SE.; descend 122 ft.
- 33.42 Dry ravine, 10 lks. wide, course S. 20° W.; ascend 7 ft.
- 35.17 Top of spur, brs. NE. and SW.; descend 19 ft.
- 40.16 Intersect the reestablished cor. of secs. 28, 29, 32 and 33, hereinbefore described.
Land, mountainous, spurs with steep slopes, covered with brush and loose stone.
Soil, poor, dry stony clay loam, 3rd rate.
Timber, oak, juniper and pine.
-
- 40.00 From reestablished cor. of secs. 20, 21, 28 and 29, S. 89° 53' E., on a random line, bet. secs. 21 and 28. No trace of the old $\frac{1}{4}$ sec. cor. can be found after diligent search; therefore, continue line and measurement.
- 80.28 Fall 68 lks. N. of the old cor. of secs. 21, 22, 27 and 28, hereinbefore described.
True course and dist. of line between secs. 21 and 28 is therefore N. 89° 24' W., 80.28 chs.
- Thence,
N. 89° 24' W. on a true line, bet. secs. 21 and 28. Ascend NE. slope, 102 ft. over rolling, mesa land, through pine, oak and juniper timber and brush.
- 29.15 Intersect the N. bdy. of the Fort Apache Indian Reservation 7 lks. N. 44° 35' W., of Angle point No. 344, 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. 21 and 28, marked on brass cap,
C C E of center,
T 9 N, R 22 E in N., and
F A I R, 1915 in S. half;
S 21 in NE., and
S 28 in SW. sector.
- From this cor. the unaccepted closing cor. of secs. 21 and 28, set by Deputy Charles E. Perkins, under contract No. 40 brs. N. 44° 35' W., 83 lks. dist.; I destroy all trace of this closing cor., and the marks on the old bearing trees to same.
- 29.50 Top of ascent on the rim of the Mogollon Mesa, brs. NW. and SE. Leave rolling, mesa land, brs. NW and SE. Enter mountainous land; descend SW. slope of rim 25 ft.
- 40.14 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 21 in N., and
S 28, 1915 in S. half; from which,
A juniper 12 ins. in diam., brs. N. 40 $\frac{3}{4}$ ° W., 14 lks. dist., marked $\frac{1}{4}$ S 21 B T.
A juniper, 8 ins. in diam., brs. S. 23 $\frac{3}{4}$ ° E., 56 lks. dist., marked $\frac{1}{4}$ S 28 B T.
- From this cor., the unaccepted $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins under contract No. 40 brs. S. 68° W.,

14. Partial Resurvey of Subdivision lines of T.9 N., R.22 E.

Chains.

56 lks. dist. I destroy all trace of this $\frac{1}{4}$ sec. cor., and the marks on the bearing trees to same.

52.98 Dry ravine, 10 lks. wide, course S. 10° W.; ascend 75 ft.

68.28 Top of spur, brs. N. and S.; descend 51 ft.

75.38 Dry ravine, 5 lks. wide, course south; ascend 23 ft.

80.28 Intersect the reestablished cor. of secs. 20, 21, 28 and 29, hereinbefore described.

Land, rolling and mountainous.

Soil, sandy and stony clay loam, 2nd and 3rd rate.

Timber, oak, juniper and pine.

Mountainous land, 61.28 chs.

Good grass.

July 28, 1915.

July 29, 1915. At 7h. 21.3m. a.m., l.m.t., I set off $34^{\circ}08'$ N. on the lat. arc; $18^{\circ}56\frac{1}{2}'$ N. on the decl. arc; and determine a meridian with the solar at the old cor. of secs. 21, 22, 27 and 28.

Thence

40.22 North, on a random line, bet. secs. 21 and 22.

Fall 7 lks. E. of the old $\frac{1}{4}$ sec. cor., which is a sandstone $14 \times 12 \times 10$ ins. above ground, loosely set, marks almost obliterated, witnessed by the two old bearing trees.

True course and dist. of S. $\frac{1}{2}$, bet. secs. 21 and 22 is therefore S. $0^{\circ}6'$ E., 40.22 chs.

From old $\frac{1}{4}$ sec. cor., described above,

40.15 North, on a random line, on N. $\frac{1}{2}$, bet. secs. 21 and 22.

Fall 16 lks. E. of point formerly occupied by stone marking, the original cor. of secs. 15, 16, 21 and 22. The original stone I found lying on the ground. I locate the point of its original position by reference to the 3 original bearing trees, all of which I find legibly marked. At this point, I reestablish the sec. cor. as follows:

Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 15, 16, 21 and 22, marked on brass cap,

T 9 N R 22 E in N., and

1915 in S. half;

S 16 in NW.,

S 15 in NE.,

S 22 in SE., and

S 21 in SW. quadrant; from which original

bearing trees,

An oak, 12 ins. in diam., brs. N. $42\frac{1}{2}^{\circ}$ E., 54 lks. dist., marked T 9 N R 22 E S 15 B T, which marks are nearly effaced by decay.

An oak, 6 ins. in diam., brs. S. 39° E., 79 lks. dist., marked T 9 N R 22 E S 22 B T.

An oak, 8 ins. in diam., brs. S. $58\frac{1}{2}^{\circ}$ W., 74 lks. dist., marked T 9 N R 22 E S 21 B T.

Establish as new bearing trees,

A juniper, 12 ins. in diam., brs. N. $55\frac{1}{2}^{\circ}$ E., 57 lks. dist., which I mark T 9 N R 22 E S 15 B T.

An oak, 10 ins. in diam., brs. S. $39\frac{1}{2}^{\circ}$ E., 82 lks. dist., which I mark T 9 N R 22 E S 22 B T.

A pine, 10 ins. in diam., brs. N. $45\frac{1}{2}^{\circ}$ W., 128 lks. dist., which I mark T 9 N R 22 E S 16 B T.

From the falling of the random line at the above described cor., the resulting true course and dist. of N. $\frac{1}{2}$, bet. secs. 21 and 22 is S. $0^{\circ}14'$ E., 40.15 chs.

Thence,

S. $0^{\circ}14'$ E., on a true line, bet. secs. 21 and 22.

Ascend NE. slope, 46 ft., over rolling, mountainous land, through heavy pine and juniper timber and brush.

2.00 A farm house brs. east 4.00 chs. dist.

4.91 Irrigating ditch, 10 lks. wide, flows N. 70° E.

16.15 Top of spur, brs. N. 50° E. and S. 60° W.; descend 70 ft.

Partial Resurvey of the Subdivision lines of T.9 N.R.22 E. 15

Chains.
 17.45 Wire fence brs.N.20°E. and S.20°W.
 32.35 Draw at foot of descent, 10 lks.wide, course east; ascend gradually, over rolling land.
 40.15 Intersect the ¼ sec.cor., hereinbefore described, which I destroy, and reestablish in the same place as follows: Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for ¼ sec.cor., marked on brass cap,
 ¼ S 21 in W.,
 S 22 in E., and
 1915 in S.half; from which original bearing
 frees,
 An oak, (dead) 6 ins. in diam., brs.N.36½°E., 18 lks.dist., marked ¼ S B T.
 A pine, 24 ins. in diam., brs.N.60½°W., 52 lks. dist., marked ¼ S 21 B T.
 Establish as new bearing tree,
 A pine, 14 ins. in diam., brs.N.79½°E., 78 lks. dist., which I mark ¼ S 22 B T.
 Thence,
 S.0°06' E., on a true line, on S.½, bet. secs.21 and 22. Over rolling land.
 0.13 The NW.cor.of wire fence; thence along fence line.
 31.58 The SW.cor.of wire fence.
 40.22 Intersect the cor.of secs. 21, 22, 27 and 28. Land, rolling mountains.
 Soil, sandy and stony loam, 6 to 12 ins. deep on stony clay subsoil.
 Timber, oak, juniper and pine.
 Good growth grass.

July 29, 1915.

July 30, 1915: At 4h. 06.3m.p.m., 1.m.t., I set off 34° 09' N. on the lat. arc; 18° 37½' N. on the decl.arc; and determine a meridian with the solar at the reestablished cor. of secs.9,10,15 and 16, hereinafter described.
 Thence,
 39.66 South, on a random line, bet. secs.15 and 16. Fall 42 lks.E. of the old ¼ sec.cor., which is a sandstone 10x10x6 ins., loosely set in a mound of stone, marked ¼ S on W face, witnessed by the two original bearing trees.
 True course and dist. of N.½ bet. secs.15 and 16 is therefore N.0°36'E., 39.66 chs.
 From old ¼ sec.cor. described above,
 38.84 South, on a random line on S.½, bet. secs.15 and 16. Fall 19 lks.E. of the reestablished cor.of secs.15,16, 21 and 22, hereinbefore described.
 True course and dist.of S.½, bet. secs.15 and 16 is therefore N.0°17' E.; 38.84 chs.
 Thence,
 N.0°17'E., on a true line, on S.½, bet. secs.15 and 16. Descend gradually about 15 ft., over rolling stony land, through heavy pine and oak timber.
 29.74 Dry rocky ravine, 20 lks.wide, course N.60°W.; ascend SW. slope of stony hill, 10 ft.
 31.95 Road from Fort Apache to Holbrook, Arizona, brs.N.30°W., and S.30°E.
 32.64 Military telegraph line from Fort Apache to Holbrook, Arizona, brs.N.30°W. and S.30°E.
 35.54 Top of hill brs.NW. and SE.; descend gradually 10 ft.
 38:84 Intersect the old ¼ sec.cor. hereinbefore described. I reestablish in the same place as follows:
 Reset the same stone, 7 ins. in the ground for ¼ sec.cor., marked ¼ S on W.face, from which the original bearing trees,
 A pine, 10 ins. in diam., brs.N.63¾°E., 58 lks.dist., marked ¼ S 15 B T.
 A pine, 10 ins. in diam., brs.N.33½°W., 45 lks. dist., marked ¼ S 16 B T.

16. Partial Resurvey of the Subdivision lines of T.9 N. R.22 E.

Chains.	
	Thence, N.0° 36' E., on a true line, on N.½, bet. secs.15 and 16. Over rolling land.
9.27	Wire fence brs.E.and W. Leave timber, brs.E.and W.; enter cultivated land brs.east 2.00 chs. and west 1.00 ch. dist.
11.65	A farm house brs.east 350 lks.dist.
12.85	Wire fence brs.E and W.; leave cultivated land brs.east 1.50 chs. and west 1.25 chs.dist.; enter heavy pine timber.
13.80	Dry rocky ravine, 20 lks.wide, course N.60° E.; thence over rolling land.
24.01	Wire fence brs.N.70°W. and S.70°E., joins N.and S.fence line about 20 lks.W.of line.
24.40	Rocky ravine, 20 lks.wide, water 4 ins. deep, course N.30°W.; ascend SW. slope, over stony malpais land.
39.66	Intersect the reestablished cor. of secs. 9,10,15 and 16, hereinbefore described. Land, rolling and hilly, slopes to the north and northwest. Soil, dry sandy and stony loam, 6 to 10 ins.deep on dry stony clay subsoil. Timber, oak, juniper and pine. July 30, 1915.

	July 30, 1915. At 7h. 21.3m., a.m., l.m.t., I set off 34° 08' N. on the lat.arc; 18° 43' N. on the decl.arc; and determine a meridian with the solar at the reestablished cor.of secs. 20, 21, 28 and 29.
	Thence, North, on a random line, bet. secs.20 and 21.
39.65	Fall 2 lks.E. of the old ¼ sec.cor., which is a post 3 ins. sq., 2 ft. above ground, marks almost obliterated, witnessed by the two original bearing trees. True course and dist. of S.½ bet. Secs.20 and 21 is therefore S.0°2'E., 39.65 chs.
	From old ¼ sec.cor. described above, North, on a random line on N.½, bet. secs.20 and 21.
39.63	Fall 4 lks.E. of the old cor.of secs.16,17,20 and 21, later reestablished by me as hereinafter described. True course and dist. of N.½, bet. secs.20 and 21 is therefore S.0°3'E., 39.63 chs.
	Thence, S.0° 3' E. on a true line on N.½, bet. secs.20 and 21. Ascend NW. slope of spur over stony, mountainous land, through heavy pine and juniper timber and brush undergrowth.
9.63	Top of spur, 75 ft. above cor. brs.N.70°E. and S.70°W.; descend 258 ft.
26.63	Leave timber, brs.east and S.50°W.
31.90	Head of ravine, course S.70°W.; ascend 10 ft.
34.63	Point of spur, brs.E. and W. Enter timber, brs.E. and W. Descend 10 ft.
35.73	Dry ravine, 10 lks.wide, course N.60°W.; asc. 198 ft.
39.63	Intersect the old ¼ 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 ¼ sec.cor., marked on brass cap, ¼ S 20 in W., S 21 in E., and 1915 in S.half; from which original bearing trees, A dead oak, 14 ins, in diam., brs. S.43°E., 59 lks.dist., marked ¼ S B T. A pine, 24 ins. in diam., brs.S.30°W., 60 lks. dist., marked ¼ S 20 B T. Establish as new bearing tree, A pine, 30 ins. in diam., brs.N.57¼°E., 124 lks. dist., which I mark ¼ S 21 B T.
	Thence,

See page 20

Partial Resurvey of the Subdivision lines of T.9 N., R.22 E. 17

Chains.

- S. $0^{\circ} 02' E.$, on a true line, on S. $\frac{1}{2}$, bet. secs. 20 and 21. Over mountainous land; ascend.
- 34.65 Top of spur, brs. N. $60^{\circ} E.$ and S. $60^{\circ} W.$; descend 39 ft.
- 39.65 Intersect the reestablished cor. of secs. 20, 21, 28 and 29, hereinbefore described.
- Land, mountainous, spurs with abrupt slopes covered with brush and loose stone.
- Soil, poor, dry stony clay loam, mostly 3rd rate.
- Timber, oak, juniper and pine.
- July 30, 1915.
-
- July 29, 1915.
- From reestablished cor. of secs. 15, 16, 21 and 22, S. $89^{\circ} 51' W.$, on a random line, bet. secs. 16 and 21.
- 40.12 Fall 2 lks. S. of the old $\frac{1}{4}$ sec. cor., which is a cedar post, 4 ins. sq., 3 ft. above ground, greatly decayed with marks almost obliterated, witnessed by the stumps of the two original bearing trees.
- True course and dist. of E. $\frac{1}{2}$ bet. secs. 16 and 21 is therefore N. $89^{\circ} 53' E.$, 40.12 chs.
- From old $\frac{1}{4}$ sec. cor., described above,
- 39.90 S. $89^{\circ} 51' W.$, on a random line on W. $\frac{1}{2}$, bet. secs. 16 and 21. Fall 3 lks. S. of the old cor. of secs. 16, 17, 20 and 21, which is a granite stone 12x10x8 ins., loosely set in a mound of stone, marked and witnessed as described by the surveyor general.
- True course and dist. of W. $\frac{1}{2}$, bet. secs. 16 and 21 is therefore N. $89^{\circ} 54' E.$, 39.90 chs.
- This cor. being in a dilapidated condition, I reestablish it in the same place, as follows:
- Reset the same stone 9 ins. in the ground for cor. of secs. 16, 17, 20 and 21, from which original bearing trees,
- A stump of oak, 10 ins. in diam., brs. N. $84\frac{1}{2}^{\circ} E.$, 22 lks. dist., marked B T.
 - A pine, (dead) brs. S. $43\frac{1}{2}^{\circ} W.$, 51 lks. dist., marked T 9 N R 22 E S 20 B T.
 - A dead oak, 8 ins. in diam., brs. N. $85\frac{1}{2}^{\circ} W.$, 24 lks. dist., marked T 9 N R 22 E S 17 B T. Establish as new bearing trees:
 - A fir, 12 ins. in diam., brs. N. $60\frac{3}{4}^{\circ} W.$, 44 lks. dist., which I mark T 9 N R 22 E S 17 B T.
 - A pine, 10 ins. in diam., brs. N. $23\frac{1}{2}^{\circ} E.$, 93 lks. dist., which I mark T 9 N R 22 E S 16 B T.
 - A pine, 16 ins. in diam., brs. S. $62\frac{1}{2}^{\circ} E.$, 82 lks. dist., which I mark T 9 N R 22 E S 21 B T.
 - A juniper 24 ins. in diam., brs. S. $3\frac{1}{2}^{\circ} W.$, 67 lks. dist., which I mark T 9 N R 22 E S 20 B T.
- Thence,
- N. $89^{\circ} 54' E.$, on a true line, on W. $\frac{1}{2}$, bet. secs. 16 and 21. Ascend NW. slope of spur, over stony mountainous land, through heavy pine and oak timber and brush.
- 3.90 Top of spur, 20 ft. above cor., brs. NW. and SE.; descend 96 ft.
- 11.00 Dry ravine, 10 lks. wide, course N. $10^{\circ} W.$; ascend 161 ft.
- 28.00 Top of ascent on the Mogollon Rim, brs. N. and S.; descend over SE. slope, 52 ft.
- 28.52 Wire fence along N. bdy. of the Fort Apache Indian Reservation, brs. N. and S.
- 28.98 Intersect the N. bdy. of the Fort Apache Indian Reservation 3.01 chs. N. $18^{\circ} 12' E.$ of the 56 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. 16 and 21, marked on brass cap,
- C C E of center,
 - T 9 N, R 22 E in N.,
 - 1915 in S., and
 - F A I R in W. half;
 - S 16 in NE., and

18. Partial Resurvey of the Subdivision lines of T. 9 N., R. 22 E.

Chains.

- S 21 in SW. sector.
From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40 brs. S. $18^{\circ}12'W.$, .01 lk. dist., which I destroy, and the marks on the bearing trees to same.
- 39.90 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 16 in N., and
S 21, 1915 in S. half; from which original bearing trees,
A stump of pine, 16 ins. in diam., brs. N. $37^{\circ}E.$, 18 lks. dist., marked B T.
Stump of oak, 6 ins. in diam., brs. S. $5^{\circ}W.$, 33 lks. dist., marked B T. Other marks destroyed. Establish as new bearing trees,
A juniper, 14 ins. in diam., brs. S. $30\frac{1}{2}^{\circ}W.$, 78 lks. dist., which I mark $\frac{1}{4}$ S 21 B T.
A juniper, 12 ins. in diam., brs. N. $22^{\circ}W.$, 237 lks. dist., which I mark $\frac{1}{4}$ S 16 B T.
- Thence,
N. $89^{\circ}53'E.$, on a true line on E. $\frac{1}{2}$, bet. secs. 16 and 21. Over mountainous land; descend.
- 2.72 Irrigating ditch, 10 lks. wide, 2 ft. deep, course N. $10^{\circ}W.$
- 7.32 Head of dry ravine, 5 lks. wide, course N. $10^{\circ}E.$; ascend 10 ft.
- 23.12 Top of spur, brs. N. $10^{\circ}E.$ and S. $10^{\circ}W.$; descend 12 ft.
- 27.62 Head of ravine, 6 lks. wide, course N. $10^{\circ}E.$; ascend over NW. slope, 5 ft.
- 40.12 Intersect the reestablished cor. of secs. 15, 16, 21 and 22 hereinbefore described.
Land, mountainous.
Soil, stony clay loam, 8 ins. deep, on stony clay subsoil.
Timber, oak, juniper and pine.
-
- 39.08 From reestablished cor. of secs. 16, 17, 20 and 21, North, on a random line, bet. secs. 16 and 17.
Fall 62 lks. W. of the old $\frac{1}{4}$ sec. cor., which is a sandstone $24 \times 12 \times 6$ ins. loosely set in a mound of stone, marked $\frac{1}{4}$ on W. face. No trace can be found of the original bearing tree.
True course and dist. of S. $\frac{1}{2}$ bet. secs. 16 and 17 is therefore S. $9^{\circ}55'W.$, 39.09 chs.
At this cor., I set off $18^{\circ}39\frac{1}{2}'N.$ on the decl. arc; and at noon, apparent time, observe the sun on the meridian, and obtain a reading of $34^{\circ}10'N.$ on the lat. arc.
From old $\frac{1}{4}$ sec. cor., described above,
- 39.50 North, on a random line on N. $\frac{1}{2}$, bet. secs. 16 and 17.
Fall 10 lks. E. of the cor. of secs. 8, 9, 16 and 17, reestablished by me, as hereinafter described.
True course and dist. of N. $\frac{1}{2}$ bet. secs. 16 and 17 is therefore S. $0^{\circ}9'E.$, 39.50 chs.
- Thence,
S. $0^{\circ}09'E.$, on a true line, on N. half, bet. secs. 16 and 17. Over rolling, stony, mountainous land on rim of Mogollon Mesa, through heavy pine and juniper timber and brush.
- 2.33 Intersect the North bdy. of the Fort Apache Indian Reservation 24 lks. N. $31^{\circ}34'W.$ of Angle point No. 371, 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. 16 and 17, marked on brass cap,
C. C N of center,
T 9 N R 22 E in N., and
F A I R, 1915 in S. half;
S 16 in NE., and
S 17 in SW. sector.

Partial Resurvey of the Subdivision lines of T.9 N. R.22 E. 19.

Chains.

- From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40, brs. N. 31° 34' W., 6 lks. dist., which I destroy, and the marks on the bearing trees to same.
- 3.47 Intersect the North bdy. of the Fort Apache Indian Reservation, 95 lks. S. 8° W. of Angle point No. 371, 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. 16 and 17, marked on brass cap,
C C S of center,
T 9 N R 22 E in N.,
1915 in S., and
FAIR in W half;
S 16 in NE., and
S 17 in SW. sector.
- From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40, brs. N. 8° E., 1 lk. dist., which I destroy, and the marks on the bearing trees to same.
- 4.85 Intersect the N. bdy. of the Fort Apache Indian Reservation 21 lks. S. 53° 54' E. of Angle point No. 370, 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. 16 and 17, marked on brass cap,
C C N of center,
T 9 N R 22 E in N., and
F A I R, 1915 in S. half;
S 16 in NE., and
S 17 in SW. sector.
- From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40, brs. S. 53° 54' E., 6 lks. dist., which I destroy, and the marks on the bearing trees to same.
- 7.64 Wire fence along N. bdy. of Indian Reservation, brs. N. 30° W. and S. 30° E.
- 8.00 Top of the rim of the Mogollon Mesa, brs. N. 30° W. and S. 30° E.; descend SW. slope, 35 ft.
- 16.80 Head of dry ravine, 10 lks. wide, course S. 60° W. Leave timber brs. E. and W.; ascend NW. slope 13 ft.
- 18.70 Enter timber, brs. E. and W.
- 24.50 Top of spur, brs. N. 50° E. and S. 50° W.; descend SE. slope, 72 ft.
- 39.50 Intersect the old 1/4 sec. cor., hereinbefore described. This cor. being in a dilapidated condition, I reestablish it in the same place as follows:
Reset the same stone, 18 ins. in the ground for 1/4 sec. cor., marked 1/4 S on W. face, from which establish new bearing trees as follows:
A juniper, 24 ins. in diam., brs. S. 51° E., 134 lks. dist., which I mark 1/4 S 16 B T.
A pine, 18 ins. in diam., brs. N. 67° W., 15 lks. dist., which I mark 1/4 S 17 B T.
- Thence,
S. 0° 55' W., on a true line on S. 1/2, bet. secs. 16 and 17. Over mountainous land; descend.
- 10.08 Dry ravine, 10 lks. wide, course SW.; ascend 6 ft.
- 11.08 Top of spur, brs. NW, and SE.; descend 6 ft.
- 11.98 Dry ravine, 10 lks. wide, course N. 40° W.; ascend 20 ft.
- 17.10 Top of spur, brs. west; descend 44 ft.
- 23.80 Dry ravine, 10 lks. wide, course W.; ascend 83 ft.
- 39.09 Intersect the reestablished cor. of secs. 16, 17, 20 and 21, hereinbefore described.
- Land, mountainous.
- Soil, poor, dry stony clay loam, 4 to 12 ins. deep, on clay and stone subsoil.
- Timber, oak, juniper and pine.

20. Partial Resurvey of the Subdivision lines of T.9 N.R.22 E.

Chains.	
40.17	From reestablished cor. of secs. 8, 9, 16 and 17, S. 89° 46' E., on a random line, bet. secs. 9 and 16. Fall 27 lks. S of point of original location of $\frac{1}{4}$ sec. cor., which point I locate by reference to the original bearing trees, which I find remaining. Can find no trace of the post which originally marked this cor. True course and dist. of W. $\frac{1}{2}$, bet. secs. 9 and 16 is therefore S. 89° 51' W., 40.17 chs.
40.07	From old $\frac{1}{4}$ sec. cor. point described above, S. 89° 46' E., on a random line on E. half; bet. secs. 9 and 16. Fall 10 lks. S. of the old cor. of secs. 9, 10, 15 and 16, which is a malpais stone 12x12x12 ins. loosely set, marked as described by the surveyor general, and witnessed by two of the original bearing trees. True course and dist. of E. $\frac{1}{2}$ bet. secs. 9 and 16 is therefore N. 89° 55' W., 40.07 chs. This cor. being poorly set and insufficiently witnessed, I reestablish it in same place as follows: Reset the same stone, 8 ins. in the ground for cor. of secs. 9, 10, 15 and 16, marked with 3 notches on E. and 4 notches on S. edges, from which original bearing trees, A pine, 14 ins. in diam., brs. S. 20 $\frac{1}{2}$ ° E., 133 lks. dist., marked T 9 N R 22 E S 15 B T. A pine, 12 ins. in diam., brs. S. 11 $\frac{1}{2}$ ° W., 137 lks. dist., marked T 9 N R 22 E S 16 B T. Established as new bearing trees: A pine, 8 ins. in diam., brs. N. 31° W., 67 lks. dist., which I mark T 9 N R 22 E S 9 B T. and A pine, 6 ins. in diam., brs. N. 61° E., 72 lks. dist., which I mark T 9 N R 22 E S 10 B T. From this cor., the unaccepted cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40, brs. S. 71 lks. dist., which I destroy, and the marks on the bearing trees to same. Thence, N. 89° 55' W. on a true line on E. $\frac{1}{2}$, bet. secs. 9 and 16. Descend SW. slope, 4 ft., over rolling, stony land, through pine and cedar timber and brush.
.08	Wire fence brs. N. and S.
1.37	Rocky ravine, 20 lks. wide, course N. 30° W.; ascend gradually about 15 ft.
5.42	Old abandoned road brs. N. 10° E. and S. 10° W.
11.57 ⁿ	Military telegraph line from Fort Apache to Holbrook, Arizona, brs. N. 10° W. and S. 10° E.
39.35	Wire fence brs. N. 60° W. and S. 60° E.; enter road.
39.97	Road from Fort Apache to Holbrook, Arizona, brs. north and S. 60° E.
40.07	Intersect the point of original location of $\frac{1}{4}$ sec. cor., hereinbefore described, at which point, I 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 9 in N., and S 16 1915 in S. half; from which original bearing trees, A pine, 12 ins. in diam., brs. N. 50° W., 62 lks. dist., marked $\frac{1}{4}$ S 9 B T. and Stump of oak, brs. S. 8° E., 8 lks. dist. No marks visible. Establish as new bearing tree, A pine, 24 ins. in diam., brs. S. 64 $\frac{1}{2}$ ° E., 135 lks. dist., which I mark $\frac{1}{4}$ S 16 B T. Thence, S. 89° 51' W., on a true line, on W. $\frac{1}{2}$, bet. secs. 9 and 16, over rolling land in lane, along N. side of road.
38.17	Irrigating ditch, 10 lks. wide, 1 $\frac{1}{2}$ ft. deep, course N. 60° W. and S. 20° E.
38.33	A point in road brs. N. 80° W. and S. 80° E., from which a farm house brs. N. 150 lks. dist.
40.17	Intersect the reestablished cor. of secs. 8, 9, 16 and 17, hereinafter described. Land, rolling and hilly.

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Partial Resurvey of the Subdivision lines of T. 9 N., R. 22 E., 21

Chains.

Soil of east 40 chs. mostly sandy loam, 4 to 12 ins. deep on stone and clay subsoil. West 40 chs. medium rich, stony clay loam, about 8 ins. deep on dry, stony clay subsoil.

Timber, oak, juniper and pine.

July 30, 1915.

July 16, 1915. At 2h. 5.8m. p.m., l.m.t., I set off $34^{\circ} 10\frac{1}{2}' N.$ on the lat. arc; $21^{\circ} 27\frac{1}{2}' N.$ on the decl. arc of the solar compass No. 6802, and determine a meridian at the reestablished cor. of secs. 4, 5, 8 and 9, hereinafter described.

Thence,

40.16 South, on a random line, bet. secs. 8 and 9. Fall 28 lks. W. of the old $\frac{1}{4}$ sec. cor., which is a post greatly decayed, with marks almost obliterated, with two bearing trees marked by Deputy Charles E. Perkins, under contract No. 40.

True course and dist. of $N. \frac{1}{2}$, bet. secs. 8 and 9 is therefore $N. 0^{\circ} 24' W.$, 40.16 chs.

From old $\frac{1}{4}$ sec. cor. described above,

39.26 South, on a random line on $S. \frac{1}{2}$, bet. secs. 8 and 9. Fall 27 lks. W. of the old cor. of secs. 8, 9, 16 and 17, which is a sandstone $14 \times 10 \times 6$ ins., loosely set in a mound of stone, marked with 4 notches on E. and S. edges. No trace can be found of the old bearing trees.

True course and dist. of $S. \frac{1}{2}$, bet. secs. 8 and 9 is therefore

$N. 0^{\circ} 24' W.$, 39.26 chs. This cor. being poorly set & insufficiently witnessed, I reestablish it in same place as follows: Reset stone 10 ins. in ground, from which estab. new bearing trees:

A pine, 10 ins. in diam., brs. $N. 22^{\circ} E.$, 102 lks. dist., which I mark T 9 N R 22 E S 9 B T.

A pine 8 ins. in diam., brs. $S. 81^{\circ} E.$, 104 lks.

dist., which I mark T 9 N R 22 E S 16 B T.

A pine, 8 ins. in diam., brs. $S. 29^{\circ} W.$, 75 lks.

dist., which I mark T 9 N R 22 E S 17 B T.

A pine, 12 ins. in diam., brs. $N. 63^{\circ} W.$, 41 lks.

dist., which I mark T 9 N R 22 E S 8 B T.

Thence,

$N. 0^{\circ} 24' W.$, on a true line, on $S. \frac{1}{2}$, bet. secs. 8 and 9.

Over rolling, sandy and stony land, through heavy pine and juniper timber and brush.

Descend NE. slope, 17 ft.

1.26 Irrigating ditch, 10 lks. wide, 1 ft. deep, course $N. 30^{\circ} W.$

29.25 Dry ravine, 8 lks. wide, course $N. 70^{\circ} E.$ and ascend 17 ft.

31.35 A point from which a farm house brs. east about 4.00 chs. dist.

34.25 Top of low hill brs. E. and W.; descend 17 ft.

39.00 A point 4 lks. W. of the NW. cor. of wire fence, brs. E. and S.

39.26 Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described, which I destroy, and reestablish in the 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 8 in W.,

S 9 in E., and

1915 in S. half; from which

A pine, 8 ins. in diam., brs. $S. 68\frac{1}{2}^{\circ} E.$, 37 lks. dist., which I mark $\frac{1}{4}$ S 9 B T.

A pine, 12 ins. in diam., brs. $S. 45\frac{1}{2}^{\circ} W.$, 10 lks. dist., marked by Deputy Charles E. Perkins

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

A pine, 8 ins. in diam., brs. $N. 71\frac{1}{2}^{\circ} W.$, 23 lks.

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

Thence,

$N. 0^{\circ} 24' W.$ on true line on $N. \frac{1}{2}$, bet. secs. 8 and 9.

Over rolling land.

Descend 40 ft.

0.30 Wire fence brs. E. and W.

22. Partial Resurvey of Subdivision lines of T. 9 N., R. 22 E.

Chains.	
17.16	Dry wash, 10 lks. wide, course N. 50° E.; ascend 23 ft.
20.00	Wire fence, brs. E. and W. 30 lks. west of intersection with fence, brs. north.
25.14	Top of hill, brs. E. and W.; descend 15 ft.
35.36	Dry wash, 15 lks. wide, course S. 50° E.; ascend 23 ft.
40.16	Intersect the reestablished cor. of secs. 4, 5, 8 and 9, hereinafter described.
	Land, rolling and hilly.
	Soil, dry, sandy loam, 4 to 12 ins. deep on stony clay subsoil.
	Timber, oak, juniper and pine.
	July 16, 1915.

	July 16, 1915. At 11h. 20.8m., a.m., l.m.t., I set off 34° 11' N. on the lat. arc; 21° 28' N. on the decl. arc, and determine a meridian with the solar compass at the reestablished cor. of secs. 4, 5, 32 and 33 on N. bdy. of Tp., described in Book "A."
	Thence, S. 0° 15' W., on a random line, bet. secs. 4 and 5.
41.59	Fall 121 lks. W. of the old $\frac{1}{4}$ sec. cor., which is a sandstone 18x14x6 ins., loosely set in a mound of stone, marked and witnessed as desc. by the surveyor general. True course and dist. of N. $\frac{1}{2}$ bet. secs. 4 and 5 is therefore N. 1° 25' W., 41.60 chs.
	From old $\frac{1}{4}$ sec. cor., described above, S. 0° 15' W., on a random line on S. $\frac{1}{2}$, bet. secs. 4 and 5.
41.63	Fall 162 lks. west of the reestablished cor. of secs. 4, 5, 8 and 9, hereinafter described.
	True course and dist. of S. $\frac{1}{2}$, bet. secs. 4 and 5 is therefore N. 1° 59' W., 41.65 chs.
	Thence, N. 1° 59' W., on a true line on S. $\frac{1}{2}$ bet. secs. 4 and 5.
	Over rolling, sandy and stony land, through heavy pine timber.
.59	Irrigating ditch 8 lks. wide, course N. 10° E.
2.19	Same ditch 8 lks. wide, course N. 30° W.
16.65	Ridge brs. N. 60° E. and S. 20° W.; descend 95 ft., over hilly land.
17.39	Irrigating ditch 8 lks. wide, 1 ft. deep, course N. 60° E.
19.99	Wire fence brs. E. and W.
41.65	Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described. This cor. being loosely set, I reestablish it in the same place, as follows: Reset the same stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S on W. face, from which, original bearing trees, A dead oak, 3 ins. in diam., brs. N. 55° E., 45 lks. dist., marked $\frac{1}{4}$ S B T. An oak, 10 ins. in diam., brs. N. 86° W., 13 lks. dist., marked $\frac{1}{4}$ S B T. A pine 12 ins. in diam., brs. S. 9° E., 73 lks. dist., marked By Deputy Charles E. Perkins, $\frac{1}{4}$ S 4 B T. A pine, 12 ins. in diam., brs. N. 18 $\frac{1}{2}$ ° W., 36 lks. dist., which I mark $\frac{1}{4}$ S 5 B T.
	At this $\frac{1}{4}$ sec. cor., I set off 21° 28' N. on the decl. arc, and at noon, apparent time July 16, observe the sun on the meridian, and obtain a reading of 34° 11' N. on the lat. arc.
	Thence, N. 1° 25' W., on a true line on N. $\frac{1}{2}$, bet. secs. 4 and 5.
	Over rolling land.
	Continue descent, 32 ft.
8.05	Dry ravine, 5 lks. wide, course west; ascend 18 ft.
10.15	Road from Fort Apache to Holbrook, Arizona, brs. N. 50° W. and S. 30° E.
16.59	Top of spur, brs. N. 50° W. and S. 50° E.; descend 80 ft.
17.00	Road from Fort Apache to Holbrook, Arizona, brs. N. 50° W., and S. 50° E.
38.60	Military telegraph line from Fort Apache to Holbrook,

Partial Resurvey of the Subdivision lines of T.9 N., R.22 E., 23

Chains.	
41.60	<p>Arizona, brs. N.20° W. and S.20° E. Intersect the reestablished cor. of secs. 4, 5, 32 and 33 on N. bdy. of Tp., described in Book "A." Land, rolling and hilly. Soil, dry, sandy clay loam, 6 to 12 ins. deep on stone and clay subsoil. Timber, oak, juniper and pine. July 16, 1915.</p>
39.96	<p>July 29, 1915. From reestablished cor. of secs. 16, 17, 20 and 21, N.89° 57' W., on a random line, bet. secs. 17 and 20. Fall 8 lks. N. of the old $\frac{1}{4}$ sec. cor., which is a sandstone 30x14x6 ins., above ground, loosely set, marked $\frac{1}{4}$ on N. face, witnessed by the two original bearing trees. True course and dist. of E. $\frac{1}{2}$, bet. secs. 17 and 20 is therefore N.89° 56' E., 39.96 chs. At this cor., I set off 18° 53$\frac{1}{2}$' N., on the decl. arc; and at noon, apparent time observe the sun on the meridian, and obtain a reading of 34° 09' N. on the lat. arc.</p>
40.12	<p>From old $\frac{1}{4}$ sec. cor. described above, N.89° 57' W., on a random line on W. $\frac{1}{2}$, bet. secs. 17 and 20. Fall 13 lks. N. of the old cor. of secs. 17, 18, 19 and 20, which is a sandstone 12x10x6 ins., loosely set in a mound of stone, marked and witnessed as described by the surveyor general. True course and dist. of W. $\frac{1}{2}$, bet. secs. 17 and 20 is therefore N. 89° 52' E., 40.12 chs. This cor. being poorly set, and insufficiently witnessed I reestablish it in the same place as follows: Reset the same stone 10 insl in the ground for cor. of secs. 17, 18, 19 and 20, marked with 5 notches on E., and 3 notches on S. edges, from which original bearing trees, A pine, 24 ins. in diam., brs. N.26$\frac{3}{4}$° E., 42 lks. dist., marked T 9 N R 22 E S 17 B T. A pine, 16 ins. in diam., brs. S.60$\frac{1}{4}$° W., 15 lks. dist., marked T 9 N R 22 E, S 19 B T. and A pine, 24 ins. in diam., brs. N.65$\frac{3}{4}$° W., 26 lks. dist., marked T 9 N R 22 E, S 18 B T. Establish as new bearing tree, A pine, 30 ins. in diam., brs. S.65° E., 45 lks. dist., which I mark T 9 N R 22 E S 20 B T.</p>
1.92 6.12 16.92 20.15 23.02	<p>Thence N.89° 52' E., on a true line on W. $\frac{1}{2}$, bet. secs. 17 and 20. Descend E. slope of spur, over stony, mountainous land, 15 ft., through heavy pine timber. Dry ravine, 8 lks. wide, course S. 30° W.; ascend 33 ft. Top of spur, brs. N.30° E., and S.30° W.; descend 42 ft. Dry ravine, 6 lks. wide, course S.20° W.; ascend 20 ft. Top of spur, brs. NE and SW.; descend 21 ft. Center of dry sand wash, 120 lks. wide, course S.60° W.; ascend 52 ft.</p>
40.12	<p>Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described. This cor. being in a dilapidated condition, I reestablish it in same place as follows: Reset the same stone, 22 ins. in the ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ S on N. face, from which the original bearing trees, A pine, 24 ins. in diam., brs. N.21$\frac{1}{2}$° E., 38 lks. dist., marked $\frac{1}{4}$ S 17 B T. A pine, 16 ins. in diam., brs. S.10$\frac{1}{4}$° W., 43 lks. dist., marked $\frac{1}{4}$ S 20 B T.</p>
4.96	<p>Thence, N.89° 56' E., on a true line on E. $\frac{1}{2}$, bet. secs. 17 and 20. Over mountainous land; ascend. Top of spur, 17 ft. above $\frac{1}{4}$ sec. cor., brs. NW. and SE.; descend 21 ft.</p>
8.88	<p>Dry ravine, 10 lks. wide, course N.30° W., ascend 25 ft.</p>

24. Partial Resurvey of the Subdivision lines of T.9 N.R.22 E.

Chains.

1

- 12.96 Top of spur, brs.NW. and SE.; descend 15 ft.
 14.76 Dry ravine, 10 lks.wide, course N.70°W.; ascend 68 ftg
 39.96 Intersect the reestablished cor.of secs. 16,17,20 and 21,
 hereinbefore described.
 Land, mountainous.
 Soil, poor dry, stony clay loam, 3rd and 4th rate.
 Timber, oak, juniper and pine.
 Good growth grass.

-
- 40.00 From reestablished cor.of secs. 17,18,19 and 20,
 North, on a random line, bet. secs.17 and 18.
 No trace of the old $\frac{1}{4}$ sec.cor. can be found after diligent
 search; therefore, continue line and measurement.
 79.20 Fall 153 lks.W. of the reestablished cor.of secs.7,8,17
 and 18, hereinafter described. True course and dist.
 of line bet. secs.17 and 18 is therefore S. 1°06'W.,
 79.21 chs.
 Thence,
 S.1° 06' W., on a true line, bet. secs.17 and 18.
 Descend SE.slope, 190 ft., over stony, mountainous land,
 through heavy pine timber.
 39.60 $\frac{1}{2}$ At this point, I find it impracticable to set an iron
 post; therefore, set a granite stone 20x10x6 ins., 15
 ins. in the ground for reestablished $\frac{1}{4}$ sec.cor., marked
 $\frac{1}{4}$ S 18 on W., and S 17 on E.faces; from which,
 A pine, 22 ins. in diam., brs.N.69 $\frac{1}{2}$ °E., 9 lks.
 dist., which I mark $\frac{1}{4}$ S 17 B T., and
 A pine, 18 ins. in diam., brs.N.69 $\frac{1}{2}$ °W., 161 lks.
 dist., which I mark $\frac{1}{4}$ S 18 B T.
 42.40 Dry ravine, 30 lks.wide, course S.20°W.; ascend 8 ft.
 43.20 Top of spur, brs.E. and W.; descend 8 ft.
 48.20 Dry ravine, 10 lks.wide, course west; ascend 12 ft.
 49.20 Top of spur, brs.NE. and SW.; descend 49 ft.
 54.50 Dry ravine, 15 lks.wide, course west; ascend 36 ft.
 73.25 Top of spur, brs.N.40°E. and S.40°W.; descend 67 ft.
 79.21 Intersect the reestablished cor. of secs.17,18,19 and 20,
 hereinbefore described.
 Land, mountainous, drains to the west.
 Soil, poor, dry, stony clay loam, 4 to 10 ins. deep, on
 stones and clay subsoil.
 Timber, oak, juniper and pine.

July 29, 1915.

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- July 16, 1915. From reestablished cor.of secs. 8,9,16
 and 17,
 N.89°53'W., on a random line, bet. secs.8 and 17.
 39.24 Fall 18 lks.S. of the old $\frac{1}{4}$ sec.cor., which is a sand-
 stone 10x6x2 ins., loosely set, marks almost oblit-
 erated, witnessed by one of the original bearing
 trees.
 True course and dist. of E.half, bet. secs.8 and 17 is
 therefore S.89° 37'E., 39.24 chs.
 From old $\frac{1}{4}$ sec.cor. described above,
 N.89°53'W., on a random line on W. $\frac{1}{2}$ bet. secs. 8 and 17.
 39.70 Fall, 8 lks.S. of the reestablished cor.of secs. 7,8,17
 and 18, hereinafter described.
 True course and dist.of W $\frac{1}{2}$ bet. secs.8 and 17 is there-
 fore S.89° 46'E., 39.70 chs.
 Thence
 S.89°46'E. on a true line, on W.half, bet. secs.8 and 17,
 marking and blazing line.
 Descend E.slope of spur, 49 ft.
 10.15 Dry ravine, 6 lks.wide, course south; ascend 22 ft.
 32.70 Top of spur, brs.NW. and SE.; descend 8 ft.
 35.30 Dry ravine, 15 lks.wide, course S.10°W.; ascend 60 ft.
 39.70 Intersect the old $\frac{1}{4}$ sec.cor. hereinbefore described,
 which I destroy, and reestablish in the same place

Partial Resurvey of the Subdivision lines of T.9 N., R.22 E. 25

Chains

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 8 in N., and

S 17, 1915 in S half; from which, the original bearing tree, a juniper (reported as a pine), brs. N. $61\frac{1}{2}^{\circ}$ E., 36 lks. dist., marked $\frac{1}{4}$ S 8 B T.

Establish a new bearing tree,

A cedar, 8 ins. in diam., brs. S. $26\frac{1}{4}^{\circ}$ W., 25 lks. dist., which I mark $\frac{1}{4}$ S 17 B T.

Thence,

S. $89^{\circ} 37'$ E., on a true line, on E. $\frac{1}{2}$, bet. secs. 8 and 17.

Over mountainous land; ascend.

7.24 Top of spur, brs. NW. and SE.; descend SE. slope, 44 ft.

16.89 Dry ravine, 150 lks. wide, course south; ascend W. slope, 25 ft.

19.30 Top of spur, brs. N. and S.; descend E. slope, 57 ft.

28.09 Dry ravine, 10 lks. wide, course S. 40° W.; ascend 29 ft.

37.00 Wire fence along N. bdy. of the Fort Apache Indian Reservation brs. N. 30° W. and S. 30° E.

37.30 Top of ascent on the Mogollon Rim, brs. NW. and SW.; thence over rolling, stony land.

37.80 Intersect the North bdy. of the Fort Apache Indian Reservation 180 lks. S. $31^{\circ} 34'$ E. of Angle Point No. 372, 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. 8 and 17, marked on brass cap,

C C E of center,
T 9 N R 22 E in N., and
FAIR, 1915 in S half;
S 8 in NE., and
S 17 in SW. sector.

From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E. Perkins under contract No. 40, bears N. $31^{\circ} 34'$ W., 01 lk. dist., which I destroy, and the marks on bearing trees to same.

39.24 Intersect the reestablished cor. of secs. 8, 9, 16 and 17, hereinbefore described.

Land, mountainous; spurs, steep, rocky, covered with heavy juniper and cedar brush undergrowth.

Soil, poor, dry stony clay loam, on sandstone ledges and clay subsoil.

Timber, oak, juniper, cedar and pine.

July 16, 1915.

July 15, 1915. At 8h. 35.6m. a.m., 1.m.t., I set off $34^{\circ} 09\frac{1}{2}'$ N. on the lat. arc; $21^{\circ} 39'$ N. on the decl. arc of the solar compass No. 6802, and determine a meridian at the reestablished cor. of secs. 7, 12, 13 and 18 on W. bdy. of Tp., described in Book "A."

Thence,

N. $89^{\circ} 46'$ E. on a random line, bet. secs. 7 and 18.

41.30 Fall 119 lks. S. of the old $\frac{1}{4}$ sec. cor., which is a sandstone $6 \times 5 \times 4$ ins., loosely set in a mound of stone, marks almost obliterated, witnessed by one of the original bearing trees.

True course and dist. of W. $\frac{1}{2}$, bet. secs. 7 and 18 is therefore S. $88^{\circ} 07'$ W., 41.32 chs.

From old $\frac{1}{4}$ sec. cor. described above,

39.96 N. $89^{\circ} 46'$ E., on a random line, on E. $\frac{1}{2}$, bet. secs. 7 and 18.

Fall 2 lks. N. of the old cor. of secs. 7, 8, 17 and 18, which is a sandstone $8 \times 7 \times 6$ ins., loosely set in a mound of stone, marks almost obliterated, witnessed by three of the original bearing trees.

True course and dist. of E. $\frac{1}{2}$ bet. secs. 7 and 18 is therefore S. $89^{\circ} 47'$ W., 39.96 chs.

26. Partial Resurvey of the Subdivision lines of T.9 N., R.22 E.

Chains.	
	<p>This cor. being loosely set and insufficiently witnessed, I destroy, and reestablish it in the same place as follows:</p> <p>Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in ground, for cor. of secs. 7, 8, 17 and 18, marked on brass cap, T 9 N R 22 E in N., and 1915 in S. half; S 7 in NW., S 8 in NE., S 17 in SE., and S 18 in SW. quadrant; from which original bearing tree, A pine, 12 ins. in diam., brs. N. $28\frac{1}{2}^{\circ}$ E., 5 lks. dist., marked T 9 N R 22 E S 8 B T. An oak, 14 ins. in diam., brs. S 49° W., 30 lks. dist., marked T 9 N R 22 E S 18 B T. A pine, 12 ins. in diam., brs. N. 71° W., 19 lks. dist., marked T 9 N R 22 E S 7 B T. A pine, 12 ins. in diam., brs. S $42\frac{1}{2}^{\circ}$ E., 98 lks. dist., which I mark T 9 N R 22 E S 17 B T.</p>
	<p>Thence, S. $89^{\circ}47'$ W., on a true line on E. $\frac{1}{2}$, bet. secs. 7 and 18. Ascend SE. slope of spur, over stony, mountainous land, through heavy pine and juniper timber.</p>
3.00	<p>Top of spur, 18 ft. above cor. brs. N. 10° E. and S. 10° W.; descend NW slope, 121 ft.</p>
14.86	<p>Dry ravine, 10 lks. wide, course S. 10° W.; ascend 36 ft.</p>
35.00	<p>Top of spur, brs. NE. and SW.; descend NW slope, 40 ft.</p>
39.96	<p>Intersect the old $\frac{1}{4}$ sec. cor. hereinbefore described, which I destroy, and reestablish in the same place as follows:</p> <p>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 7 in N., and S 18, 1915 in S. half; from which The original bearing tree, a pine, 15 ins. in diam., brs. N. $31\frac{1}{4}^{\circ}$ E., 99 lks. dist., marked $\frac{1}{4}$ S 7 B T., and A pine, 26 ins. in diam., brs. S. $30\frac{1}{2}^{\circ}$ E., 95 lks. dist., which I mark $\frac{1}{4}$ S 18 B T.</p>
	<p>Thence, S. $88^{\circ}07'$ W., on a true line, on W. $\frac{1}{2}$, bet. secs. 7 and 18, continuing descent over NW. slope, 69 ft.</p>
10.55	<p>Dry gulch, 15 lks. wide, banks 10 ft. high, course south; ascend SE. slope, 63 ft.</p>
10;75	<p>Road from Showlow to Forestdale, Arizona, brs. N. and S.</p>
41.32	<p>Intersect the reestablished cor. of secs. 7, 12, 13 and 18, on W bdy. of Tp., described in Book "A." Land, mountainous, slopes to the southwest. Soil, dry, sandy and stony loam, 4 to 12 ins. deep on stone and clay subsoil. Timber, pine, oak, and juniper. Good growth grass.</p>

	<p>From reestablished cor. of secs. 7, 8, 17 and 18, North, on a random line, bet. secs. 7 and 8.</p>
40.00	<p>I make a diligent search for the old $\frac{1}{4}$ sec. cor., which I fail to find; therefore, continue line and measurement.</p>
78.62	<p>Fall 173 lks. E. of the old cor. of secs. 5, 6, 7 and 8, hereinafter described. True course and dist. of a line bet. secs. 7 and 8 is therefore S. $1^{\circ}16'$ E., 78.64 chs. At this cor., I set off $21^{\circ}37\frac{1}{2}'$ N. on the decl. arc, and at noon, apparent time July 15, 1915, observe the sun on the meridian, the resulting lat. being $34^{\circ}10\frac{1}{2}'$ N.</p>
	<p>Thence, S. $1^{\circ}16'$ E., on a true line, bet. secs. 7 and 8. Descend SE. slope, 174 ft., over stony, mountainous land, through pine and juniper timber and brush.</p>

Partial Resurvey of the Subdivision lines of T. 9 N. R. 22 E. 27

Chains.

8.00 At this point, the slope changes from gradual to steep.

12.52 Old road from Showlow to Forestdale, Arizona, brs. N. 50° E. and S. 50° W.

16.27 Head of dry ravine, 5 lks. wide, course SE.; ascend NE. slope of spur 6 ft.

18.60 Top of spur, brs. NW. and SE.; descend SW. slope, 12 ft.

39.32 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 7 in W., S 8 in E., and 1915 in S. half; from which
 An oak, 24 ins. in diam., brs. N. 46 $\frac{3}{4}$ ° E., 50 lks. dist., which I mark $\frac{1}{4}$ S 8 B T., and
 An oak, 14 ins. in diam., brs. S 78 $\frac{1}{2}$ ° W., 54 lks. dist., which I mark $\frac{1}{4}$ S 7 B T.

39.69 Dry gulch, 40 lks. wide, 15 ft. deep, course S. 10° W.

53.31 Dry ravine, 5 lks. wide, 50 ft. below the $\frac{1}{4}$ sec. cor., course S. 60° W.; ascend 12 ft.

73.70 Top of spur, brs. N. 10° E. and S. 10° W.; descend.

78.64 Intersect the reestablished cor. of secs. 7, 8, 17 and 18, hereinbefore described.
 Land, mountainous.
 Soil, dry, sandy and stony clay loam, about 6 ins. deep on stone and clay subsoil.
 Timber, oak, juniper and pine.

39.92 From old cor. of secs. 5, 6, 7 and 8, hereinafter described, S 89° 43' E. on a random line, bet. secs. 5 and 8.
 Fall 15 lks. S. of the old $\frac{1}{4}$ sec. cor., which is a sandstone 12x12x4 ins., loosely set, marks almost obliterated, witnessed by the two original bearing trees.
 True course and dist. of W. $\frac{1}{2}$ bet. secs. 5 and 8 is therefore S. 89° 54' W., 39.92 chs.
 From old $\frac{1}{4}$ sec. cor. described above,
 S. 89° 43' E. on a random line on E. half; bet. secs. 5 and 8.

40.25 Fall 20 lks. S. of the old cor. of secs. 4, 5, 8 and 9, which is a juniper post greatly decayed, marks almost obliterated, witnessed by the three original bearing trees.
 True course and dist. of E. $\frac{1}{2}$ bet. secs. 5 and 8, is therefore west 40.25 chs.
 This cor. being almost obliterated, 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. 4, 5, 8 and 9, marked on brass cap,
 T 9 N R 22 E in N.,
 1915 in S half;
 S 5 in NW.,
 S 4 in NE.,
 S 9 in SE., and
 S 8 in SW. quadrant; from which original bearing trees,
 A dead oak, 6 ins. in diam., brs. N. 62° E., 50 lks. dist., marked T 9 N R 22 E S 4 B T.
 An oak, 10 ins. in diam., brs. S. 59° E., 33 lks. dist., marked T 9 N R 22 E S 9 B T., and
 A pine, 12 ins. in diam., brs. N. 64° W., 14 lks. dist., marked T 9 N R 22 E S 5 B T.

Establish as new bearing trees,
 A juniper, 8 ins. in diam., brs. N. 46 $\frac{3}{4}$ ° E., 50 lks. dist., which I mark T 9 N R 22 E S 4 B T., and
 An oak, 8 ins. in diam., brs. S. 34° W., 111 lks. dist., which I mark T 9 N R 22 E S 8 B T.
 A farm house brs. N. 83° E., 350 lks. dist.

Thence,
 West, on a true line on E. $\frac{1}{2}$, bet. secs. 5 and 8.
 Ascend NE. slope, about 20 ft., over rolling, mountainous land, through heavy pine timber.

20.25 Wire fence, brs. N. and S.

23.25 Top of low spur, brs. NE. and SW.; descend 61 ft.

28. Partial Resurvey of Subdivision lines of T.9 N., R.22 E.

- Chains.
- 23.55 Irrigating ditch 8 lks. wide, course N.20°E.
 24.05 Ranch road brs.N.10°E. and S.10°W.
 33.70 Dry ravine, 10 lks.wide, course N.20°E.; ascend 24 ft.
 35.25 Top of spur, brs.N.20°E. and S.20°W.; descend 22 ft.
 38.10 Dry ravine, 10 lks.wide, course N.60°E.; ascend SE.slope, 22 ft.
 40.25 Intersect the old $\frac{1}{4}$ sec.cor. hereinbefore described, which I destroy, and reestablish in the 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 5 in N., and
 S 8 1915 in S.half; from which the original bearing trees,
 A pine, 12 ins. in diam., brs.N.1°E., 37 lks. dist., marked $\frac{1}{4}$ S 5 B T., and
 A pine, 14 ins. in diam., brs.S.14° E., 30 lks. dist., marked $\frac{1}{4}$ S 8 B T.
 Thence,
 S.89° 54' W. on a true line on W. $\frac{1}{2}$, bet. secs.5 and 8. Over mountainous land.
 Continue ascent over SE. slope, 83 ft.
 34.31 Wire fence along N. bdy. of the Fort Apache Indian Reservation brs.N.10°W. and S 10°E.
 34.75 Top of the rim of the Mogollon Mesa, brs.N.10°W. and S.10° E.; thence over rolling land on top of rim.
 35.70 Intersect the N. bdy.of the Fort Apache Indian Reservation 1.95 chs.N.8°05'W..of Angle Point No.388, described in Book "B."
 At point of intersection,
 Set an iron post 3 ft.long, 2 ins. in diam., for reestablished closing cor.of secs. 5 and 8, marked on brass cap,
 C C E of center,
 T 9 N, R 22 E in N., and
 F A I R, 1915 in S.half;
 S 5 in NE., and
 S 8 in SW. sector.
 From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E.Perkins, under contract No.40, brs.S.8° 05'E., 134 lks.dist., which I destroy, and the marks on the bearing trees to same.
 39.92 Intersect the old cor.of secs. 5,6,7 and 8, hereinafter described.
 Land, rolling, mountainous.
 Soil, poor, dry, stony and sandy clay loam, 4 to 8 ins.deep on sandstone and clay subsoil.
 Timber, oak, juniper, cedar and pine.
 Good growth grass.
 July 15, 1915.
-
- July 14, 1915. At 11h. 5.5m. a.m., l.m.t., I set off 34° 10 $\frac{1}{2}$ 'N. on the lat.arc; 21°47'N. on the decl.arc of the solar compass, and determine a meridian at the re-established cor.of secs.1,6,7 and 12 on W. bdy.of Tp., described in Book "A."
 Thence S. 89° 54'E., on a random line, bet. secs.6 and 7.
 39.86 Fall 5 lks.S. of the old $\frac{1}{4}$ sec.cor., which is a sandstone 12x6x4 ins. above ground, loosely set, marks almost obliterated, witnessed by the two original bearing trees.
 True course and dist.of W. $\frac{1}{2}$ bet. secs.6 and 7 is therefore N.89° 58' W., 39.86 chs.
 At this cor., I set off 21°46 $\frac{1}{2}$ 'N. on the decl.arc, and at noon, apparent time July 14, 1915, observe the sun on the meridian, and obtain a reading of 34° 11'N. on the latitude arc, which is a little higher than the latitude given by the instrument on former days.
 Thence
 S.89° 54'E. on a random line on E. $\frac{1}{2}$ bet. secs.6 and 7.
 39.75 Fall 3 lks.N. of the old cor.of secs. 5,6,7 and 8, which is a granite stone 20x12x10 ins. above ground, firmly set, marked with 5 notches on E. and S.edges, from

Chains.

which original bearing trees,

A juniper 18 ins. in diam., brs.N.13 1/4° E., 24 lks.dist., marked T 9 N R 22 E S 5 B T.

A juniper, 12 ins. in diam., brs.S.14° E., 45 lks.dist., marked T 9 N R 22 E S 8 B T., and

A dead pine, 16 ins. indiam., brs. S.48 1/2° W., 60 lks.dist., marked T 9 N R 22 E S 7 B T.

Establish as new bearing trees,

A pinon pine, 10 ins. in diam., brs.S.66 3/4°W. 84 lks.dist., which I mark T 9 N R 22 E S 7 B T., and

A pine, 14 ins. in diam., brs.N.35 1/4°W., 84 lks. dist., which I mark T 9 N R 22 E S 6 B T.

True course and dist. of E. 1/2 bet. secs.6 and 7 is therefore N.89° 51'W., 39.75 chs.

Thence

N.89°51' W. on a true line on E. 1/2 bet. secs.6 and 7.

Descend W.slope 247 ft. over stony, mountainous land, through pine and juniper timber and dense oak and manzanita brush 4 to 6 ft. high.

18.65 Old road from Showlow to Forestdale, Arizona, brs.N. and S.

20.65 Dry ravine, 10 lks.wide, 15 ft. deep, course south; ascend 9 ft.

23.45 Road from Showlow to Forestdale, Arizona, brs.N. and S.

29.95 Top of low spur, brs.NW.; descend 9 ft.

36.85 Dry ravine, 5 lks.wide, course S.50°E.; ascend NE. slope 12 ft.

39.75 Intersect the old 1/4 sec.cor. hereinbefore described, which I destroy, and reestablish in the same place as follows:

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

1/4 S 6 in N., and

S 7, 1915 in S.half; from which the original bearing trees,

An oak, 10 ins. in diam., brs.N.25 3/4° W. 36 lks.dist., marked 1/4 S 6 B T.

An oak, 10 ins. in diam., brs.S.78 1/2°W., 51 lks. dist., marked 1/4 S 7 B T.

Thence,

N.89°58'W., on a true line, on W. 1/2, bet. secs.6 and 7. Over mountainous land.

Continue ascent over NE. slope, 94 ft.

11.86 Top of spur, brs.N.30°W. and S.30° E.; descend SW. slope 58 ft.

17.26 Dry ravine, 10 lks.wide, course S.40° E.; ascend 128 ft.

31.77 Wire fence along N. bdy. of the Fort Apache Indian Reservation, brs.N.20°E. and S.20°W.

31.85 Top of rim of the Mogollon Mesa brs.N.15°E. and S.15°W. Descend NW. slope 2 ft.

31.93 Intersect the N. bdy. of the Fort Apache Indian Reservation 2.61 chs.N.23°28'E. of Angle Point No.409, 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.6 and 7, marked on brass cap,

C C W of center,

T 9 N, R 22 E in N., and

F A I R, 1915 in S.half;

S 6 in NW., and

S 7 in SE.sector.

From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E.Perkins, brs.S.23°28'W., 55 lks. dist., which I destroy, and the marks on the bearing trees to same.

Continue descent over NW. slope, 87 ft.

39.86 Intersect the reestablished cor. of secs.1,6,7 and 12 on

30. Partial Resurvey of the Subdivision line of T.9 N., R.22 E.

Chains.

W. bdy. of Tp., described in Book "A."
 Land, rough mountains.
 Soil, poor, stony clay loam on stone and clay subsoil.
 Timber, oak, juniper and pine.
 Good growth bunch grass.

- From old cor. of secs. 5, 6, 7 and 8, hereinbefore described, N.0° 22'E., on a random line, bet. secs. 5 and 6.
- 40.00 No trace of the old $\frac{1}{4}$ sec. cor. can be found after diligent search; therefore, continue line and measurement.
- 82.46 Fall 309 lks. E. of the old cor. of secs. 5, 6, 31 and 32 on N. bdy. of Tp., later reestablished by me as described in Book "A."
 True course and dist. of line bet. secs. 5 and 6 is therefore S.1° 47' E., 82.50 chs.
 Thence,
 S.1° 47' E., on a true line bet. secs. 5 and 6.
 Descend SE. slope, over stony mountainous land, through heavy pine and juniper timber and brush.
- 14.86 Dry ravine, 15 lks. wide, 131 ft. below cor., course east; ascend N. slope, 68 ft.
- 22.46 Top of spur, brs. N.50° E. and S.50° W.; descend 49 ft.
- 34.71 Dry ravine, 6 lks. wide, course N.50° E.; ascend 55 ft.
- 41.16 (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 6 in W.,
 S 5 in E., and
 1915 in S. half; from which
 A pine, 10 ins. in diam., brs. S.58° E., 32 lks. dist., which I mark $\frac{1}{4}$ S 5 B T. and
 A pine, 18 ins. in diam., brs. S.31 $\frac{1}{2}$ ° W., 90 lks. dist., which I mark $\frac{1}{4}$ S 6 B T.
- From this cor., the $\frac{1}{4}$ sec. cor. set by Deputy Charles E. Perkins, under contract No. 40, brs. S.12° 30' W., 132 lks. dist., which I destroy, and the marks on the bearing trees to same.
- 49.71 Continue ascent from $\frac{1}{4}$ sec. cor.; over NE. slope, 62 ft. Intersect N. bdy. of the Fort Apache Indian Reservation 95 lks. S. 82° 28' W. of Angle Point No. 393, 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. 5 and 6, marked on brass cap,
 C C N of center,
 T 9 N R 22 E in N., and
 F A I R, 1915 in S. half;
 S 6 in NW., and
 S 5 in SE. sector.
- From this cor., the unaccepted closing cor. of same secs. set by Deputy Charles E. Perkins, under contract No. 40 brs. S.82° 28' W., 107 lks. dist., I destroy all trace of this cor., and the marks on the bearing trees to same.
- 50.00 Top of ascent on rim of the Mogollon Mesa, brs. E. and W.; descend over SE. slope, 91 ft.
- 50.25 Wire fence along N. bdy. of the Indian Reservation, brs. N.80° W. and S.80° E.
- 57.90 Road from Showlow to Forestdale, Arizona, brs. N.60° E., and S.60° W.
- 59.35 Dry ravine, 8 lks. wide, course S.40° W.; ascend NW. slope, 57 ft.
- 79.55 Top of spur, brs. NE. and SW. Descend 7 ft., over rolling land.
- 82.50 Intersect old cor. of secs. 5, 6, 7 and 8, hereinbefore described.

Land, mountainous.
 Soil, poor dry, stony clay loam, mostly 3rd and 4th rate.
 Timber, pine, oak and juniper.
 Good growth bunch grass.

July 14, 1915.

GENERAL DESCRIPTION.

That portion of this township, resurveyed by me includes those sections traversed by the north boundary of the Fort Apache Indian Reservation, which follows the Mogollon Mesa Rim.

The land south and west of the Reservation boundary in these sections is rough and mountainous, traversed by high spurs and ridges and deep canyons having a southwesterly trend towards White River, into which all of the country south of the Mogollin Rim in this township drains. The soil of this portion of the township is nearly all a poor stony clay loam of little value for agricultural purposes. The land in the sections north of the Reservation line is nearly all high rolling mesa, which slopes gradually in a northeasterly direction towards the Little Colorado river, into which the country north of the Mogollon Rim drains. The soil over this portion of the township is generally a sandy loam with some stone; and produces good crops of different kinds of cereals, to which it is being farmed at the present time by the settlers, without the aid of irrigation.

With the exception of the land which has been cleared for agricultural purposes, the township is covered with a good growth of oak, juniper, cedar, and pine timber, many of the trees being suitable for lumbering purposes.

The entire township is covered with a good growth of nutritious grasses, which furnishes excellent summer range for large bands of sheep and cattle.

The township is watered by the waters of Showlow Creek, which are impounded in a reservoir of about 30 acres in area situated in the north central part of sec. 26.

Lakeside, a small Mormon town in sec. 26, contains a post-office, one hotel, one store, one school house, a small sawmill, and about fifteen dwelling houses; its estimated population is 125.

There are many settlers residing in the township.

32. Boundaries of resurveyed portion of Township 9 N., R. 22 E.

Latitudes, departures and closing errors.						
Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South bdy.	S.89°46'W.	40.14		.16		40.14
(2nd.Std.Par.N)	S.89°48'W.	39.94		.14		39.94
	N. 1°26'W.	39.81	39.80			1.00
	N. 0° 6'E.	40.10	40.10		.07	
	N.89°37'W.	79.14	.54			79.14
	N.89°07'W.	41.23	.64			41.22
	N.88°48'W.	39.98	.84			39.97
	N. 0°21'E.	40.16	40.16		.24	
Subdivisional Bdy.	N.0° 24'E.	39.58	39.58		.28	
	N. 0° 2'W.	39.65	39.65			.02
	N. 0° 3'W.	39.63	39.63			.04
	S.89°46'W.	39.96		.05		39.96
	S.89°51'W.	40.12		.09		40.12
	N. 1°06'E.	79.21	79.20		1.53	
	S.89°47'W.	39.96		.15		39.96
	S.88°07'W.	41.32		1.36		41.30
	North,	40.22	40.22			
West bdy.	N.0° 13'W.	40.20	40.20			.15
	N.0° 1' W.	40.12	40.12			.01
	N.0° 3' W.	40.86	40.86			.04
	N.89°01'E.	37.10	.64		37.09	
North bdy.	N.89°02'E.	40.01	.67		40.00	
	N.88°59'E.	39.89	.71		39.88	
	N.89°38'E.	40.10	.26		40.10	
	S.1° 25'E.	41.60		41.59	1.03	
	S.1° 59'E.	41.65		41.63	1.44	
	S.0° 24'E.	79.42		79.42	.56	
	N.89°51'E.	40.17	.11		40.17	
	S.89°55'E.	40.07		.06	40.07	
	S.0° 36'W.	39.66		39.66		.42
	S.0° 17'W.	38.84		38.84		.19
Subdivisional bdy.	S,0° 14'E.	40.15		40.15	.16	
	S.0° 6'E.	40.22		40.22	.07	
	S.89°34'E.	39.81		.30	39.81	
	S.89°41'E.	40.18		.22	40.18	
	N.89°45'E.	79.95	.35		79.95	
	S. 0°18'W.	40.31		40.31		.21
	S.0° 17'E.	40.30		40.30	.20	
	S.0° 20'E.	79.90		79.90	.46	
Convergency,					.16	
	Totals,		484.28	484.55	403.45	403.83
				484.28		403.45
	Error in latitude,			0.27		
	Error in departure,					0.38

For list of Assistants see Book "A"

34 33

CERTIFICATE
~~FINAL OATH~~ OF UNITED STATES SURVEYOR.
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 _____, 1917 .

re-
The foregoing field notes of the survey of _____ part of the _____

Subdivision Lines of

TOWNSHIP 9 NORTH, RANGE 22 EAST,

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.

Sidney E. Blout
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in _____, has been correctly copied from the original notes on file in this office.