

2988

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Book "L."  
(Subdivisions)

BOOK 2988

# FIELD NOTES

OF RETRACEMENT AND RESURVEY

OF PART OF THE

SUBDIVISION LINES OF

TOWNSHIP 9 NORTH, RANGE 24 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.

Retracement and Re-Survey commenced August 7, 1915.

Retracement and Re-Survey completed August 10, 1915.

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1A

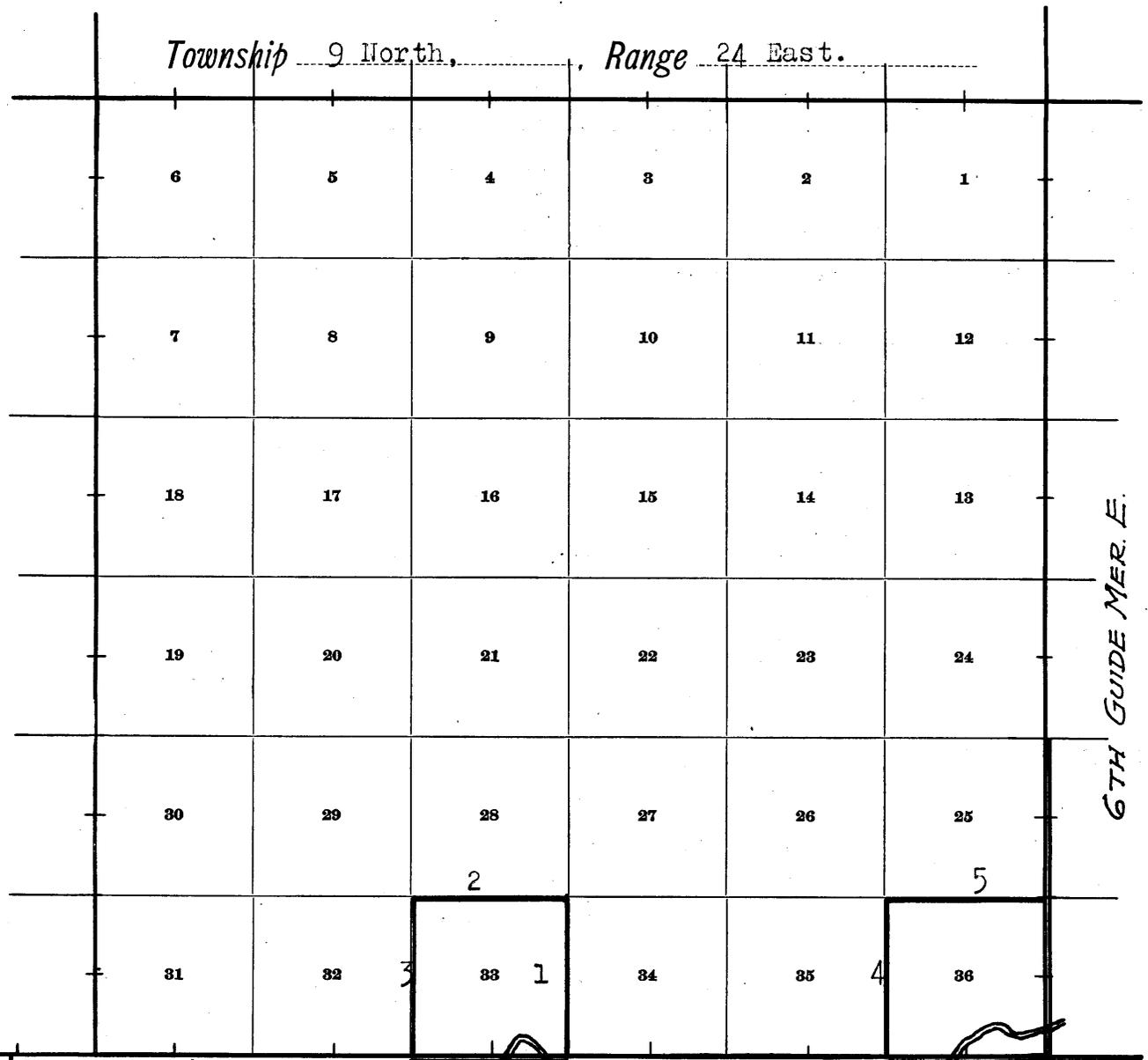
Book "L."

Group 40 - - - - Arizona.

BOOK 2988

Book "L."

# INDEX DIAGRAM.



2nd Standard Parallel North.

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

Partial Resurvey of Subdivision lines of Township 9 N. R. 24 E. 1 Chains.

Resurvey commenced August 7, 1915, and executed with a Buff light mountain transit No. 9793, described in Book "A."

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

A 5-chain steel tape and clinometer are the instruments employed to determine all distances measured in this survey.

I begin at the original standard cor. of secs. 33 and 34 on S. bdy. of Tp. 9 N., R. 24 E. (2nd. Std. Parallel N.) later reestablished by me, as described in Book "C." Latitude, 34° 06' N.; longitude, 109° 48' W.

August 7, 1915. At 9h. 5.7m. a.m., l.m.t., I set off 34° 06' N. on the lat. arc; 16° 37½' N. on the decl. arc, and determine a meridian with the solar at this cor.

Thence,  
 North, on a random line, bet. secs. 33 and 34.

38.51 Fall 80 lks. E. of the old ¼ sec. cor., which is a malpais stone 6x6x3 ins., loosely set in a mound of stone, marks almost obliterated, and witnessed by the two original bearing trees.

True course and dist. of S. ½ bet. secs. 33 and 34 is therefore S. 1° 11' E., 38.52 chs.

From old ¼ sec. cor. described above,  
 North, on a random line, on N. ½, bet. secs. 33 and 34.

40.80 Fall 4 lks. E. of the old cor. of secs. 27, 28, 33 and 34, which is a lava cinder 12x9x6 ins., loosely set, marks almost obliterated, witnessed by the four original bearing trees.

True course and dist. of N. ½, bet. secs. 33 and 34 is therefore S. 0° 3' E., 40.80 chs.

This cor. being in a dilapidated condition, I destroy and reestablish it in the same place as follows:  
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked on brass cap,  
 T 9 N R 24 E in N., and  
 1915 in S. half;  
 S 28 in NW.,  
 S 27 in NE.,  
 S 34 in SE., and  
 S 33 in SW. quadrant; from which original bearing trees,  
 A pine 24 ins. in diam., brs. N. 34° 45' E., 25 lks. dist., marked T 9 N R 24 E S 27 B T.  
 An oak, 12 ins. in diam., brs. S. 5° E., 25 lks. dist., marked T 9 N R 24 E S 34 B T.  
 Stump of pine, 16 ins. in diam., brs. S. 78½° W., 99 lks. dist., marked T 9 N R 24 E S 33 B T.  
 A pine, 20 ins. in diam., brs. N. 67½° W., 66 lks. dist., marked T 9 N R 24 E S 28 B T.

Establish as new bearing tree,  
 A pine, 36 ins. in diam., brs. S. 18° W., 84 lks. dist., which I mark T 9 N R 24 E S 33 B T.

Thence,  
 S. 0° 3' E., on a true line on N. ½ bet. secs. 33 and 34. Descend SE. slope, 57 ft., over stony, mountainous land, through heavy ome timber and brush.

21.40 Foot of descent; leave mountainous land, brs. N. 70° E. and S. 70° W. Enter flat.

30.00 Leave flat brs. N. 50° E. and S. 30° W. Enter mountainous land; ascend NW. slope of spur, 23 ft.

40.80 Intersect the old ¼ sec. cor., hereinbefore described, which I destroy, and reestablish in the same place as follows:

C. Partial Recovery of Subdivision lines of Township 9 N., R. 24 E.  
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 33 in W.,  
 S 34 in E., and  
 1915 in S. half; from which original bearing trees,  
 A pine, 16 ins. in diam., brs. S. 52° E., 66 lks. dist., marked  $\frac{1}{4}$  S 34 B T., and  
 A pine, 26 ins. in diam., brs. N. 65° 45' W., 53 lks. dist., marked  $\frac{1}{4}$  S 33 B T.
- Thence,  
 S. 1° 11' E. on a true line on S.  $\frac{1}{2}$  bet. secs. 33 and 34. Over mountainous land; ascend.  
 8.52 Top of spur, 31 ft. above  $\frac{1}{4}$  sec. cor., brs. N. 50° E., and S. 30° W.; descend 97 ft.  
 23.22 Dry ravine, 15 lks. wide, course N. 50° W.; ascend 40 ft.  
 31.37 Road from Fort Apache to St. Johns, Arizona, brs. N. 60° E., and S. 60° W.  
 38.52 Intersect the original standard cor. of secs. 33 and 34, on S. bdy. of Tp. (2nd. Std. Parallel N.), later reestablished by me, as described in Book "C."  
 Land, rolling mountains and level bottom.  
 Soil, poor dry, stony clay loam, 3rd rate.  
 Timber, oak, juniper and pine.

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 RETRACEMENT.

- From reestablished cor. of secs. 27, 28, 33 and 34,  
 N. 89° 57' W., on a random line, bet. secs. 28 and 33.  
 40.70 Fall 8 lks. S. of the old  $\frac{1}{4}$  sec. cor., which is a pine tree, 26 ins. in diam., marked  $\frac{1}{4}$  S on N. side, and witnessed by two original bearing trees.  
 True course and dist. of E.  $\frac{1}{2}$ , bet. secs. 28 and 33 is therefore S. 89° 50' E., 40.70 chs.  
 From old  $\frac{1}{4}$  sec. cor. described above,  
 N. 89° 57' W., on a random line on W.  $\frac{1}{2}$ , bet. secs. 28 and 33.  
 41.12 Fall 1 link S. of the old cor. of secs. 28, 29, 32 and 33, which is a malpais stone 6x6x6 ins., loosely set in a mound of stone, marks almost obliterated, witnessed by the four original bearing trees.  
 True course and dist. of W.  $\frac{1}{2}$ , bet. secs. 28 and 33 is therefore S. 89° 56' E., 41.12 chs.  
 This cor. being in a dilapidated condition, I destroy and reestablish it in the same place as follows:  
 Set an iron post 3 ft. long, 2 ins. in diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked on brass cap,  
 T 9 N R 24 E in N., and  
 1915 in S. half;  
 S 29 in NW., and  
 S 28 in NE.,  
 S 33 in SE., and  
 S 32 in SW. quadrant; from which original bearing trees,  
 A pine, 14 ins. in diam., brs. N. 71° E., 56 lks. dist., marked T 9 N R 24 E S 28 B T.  
 A pine, 14 ins. in diam., brs. S. 29  $\frac{1}{2}$ ° E., 88 lks. dist., marked T 9 N R 24 E S 33 B T.  
 A pine, 16 ins. in diam., (dead) brs. S. 74° W., 102 lks. dist. marked T 9 N R 24 E S 32 B T.  
 A pine, 18 ins. in diam., brs. N. 40° W., 74 lks. dist., marked T 9 N R 24 E S 29 B T.  
 Establish as new bearing trees  
 A pine, 30 ins. in diam., brs. S. 81° 45' W., 80 lks. dist., which I mark T 9 N R 24 E S 32 B T.
- Thence,  
 S. 89° 56' E., on a true line, on W.  $\frac{1}{2}$ , bet. secs. 28 and 33. Ascend gradually over NW. slope, 29 ft., through heavy pine timber.

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

- Chains.
- 36.00 Top of low malpais ridge, brs.NE. and SW.;descend 15 ft.
- 36.75 Dry ravine, 5 lks.wide, course S.60°W.; ascend 25 ft.,over stony, mountainous land.
- 41.12 Intersect the old  $\frac{1}{4}$  sec.cor. hereinbefore described,from which the original bearing trees,  
  - A pine,12 ins. in diam., brs.N.29°00'E., 37 lks. dist., marked  $\frac{1}{4}$  S B T.
  - A pine, 12 ins. in diam., brs.S.14°00'W.,21 lks. dist., marked  $\frac{1}{4}$  S B T.
 Thence,  
 S.89°50'E., on a true line, on E. $\frac{1}{2}$  bet. secs.28 and 33. Over mountainous land.  
 Continue gradual ascent, over W.slope.
- 40.70 Intersect the reestablished cor.of secs. 27,28,33 and 34, hereinbefore described.  
 At this cor., I set off 16°35'N. on the decl.arc;and at noon, apparent time, observe the sun on the meridian, and obtain a reading of 34°07'N. on the lat.arc.  
 Land, rolling and mountainous.  
 Soil, poor, dry, stony clay loam, on malpais stone,3rd and 4th rate.  
 Timber, oak and pine.  
 Good growth grass.

RESURVEY.

- From reestablished cor.of secs. 28,29,32 and 33, South, on a random line, bet. secs.32 and 33.
- 40.77 Fall 67 lks.E. of the old  $\frac{1}{4}$  sec.cor., which is a malpais stone 19x8x6 ins., loosely set, marked  $\frac{1}{4}$  on W.face, witnessed by the two original bearing trees.  
 True course and dist. of N. $\frac{1}{2}$ , bet. secs.32 and 33 is therefore N. 0°56'E., 40.78 chs.  
 From old  $\frac{1}{4}$  sec.cor. described above,  
 South, on a random line on S. $\frac{1}{2}$ , bet.secs.32 and 33.
- 38.84 Fall 300 lks.W. of the old standard cor. of secs.32 and 33 on S.bdy.of Tp.(2nd.Standard Parallel N.) later re-established by me, as described in Book "C."  
 True course and dist. of S. $\frac{1}{2}$ , bet. secs.32 and 33 is therefore N.4° 25'W., 38.96 chs.  
 Thence,  
 N.4°25'W., on a true line on S. $\frac{1}{2}$ , bet. secs.32 and 33. Descend gradually NW. slope, 51 ft., over rolling, stony land, through heavy pine and aspen timber.
- 7.52 Old road brs.east and S.70°W.
- 11.15 Wire fence brs.east 3 chs.,and W.40 chs.
- 24.64 Leave timber, brs.E.and W. Enter meadow land.
- 24.70 Wire fence brs.E. 3 chs. and W. about 40 chs.dist.
- 29.84 Gulch, 30 lks.wide,banks 3 ft.high, course west.
- 38.00 Wire fence brs.S. 60°E. 3 chs. and N.60°W., about 40 chs. Leave meadow land, brs.N.60°W. and S.60°E. Enter heavy pine timber.
- 38.96 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 32 in W.,
  - S 33 in E., and
  - 1915 in S.half; from which
  - A pine, 36 ins. in diam., brs.S.89° 45'E., 96 lks.dist., marked  $\frac{1}{4}$  S 33 B T., and
  - A pine, 16 ins. in diam., brs.S.54°W.,38 lks. dist., marked  $\frac{1}{4}$  S 32 B T.
 From this cor., the unaccepted  $\frac{1}{4}$  sec.cor., set by Deputy Charles E.Perkins,and purported to be in the same place occupied by the original  $\frac{1}{4}$  sec.cor. brs.N.67°E., 189 lks.dist., which I destroy, and the marks on the bearing trees to same.  
 Thence,  
 N.0°56'E., on a true line on N. $\frac{1}{2}$ , bet. secs.32 and 33. Over rolling land.

4. Partial Recovery of the Subdivision lines of T. 9 N. R. 24 E.  
Chains.

- 18.83 Ascend gentle SW. slope, over rolling, stony land.  
Top of low stony hill about 6 ft. above  $\frac{1}{4}$  sec. cor., brs. NE. and SW.; descend 12 ft.
- 22.13 Dry ravine, 10 lks. wide, course west; ascend about 15 ft.
- 40.78 Intersect the reestablished cor. of secs. 28, 29, 32 and 33, hereinbefore described.  
Land, rolling, drains to the west.  
Soil of the timbered portion of the mile stony, clay loam, 3rd rate.  
Soil of the meadow land, coarse black loam, 8 to 14 ins. deep on dry stony clay subsoil.  
Timber, pine and aspen.

August 7, 1915.

August 10, 1915. At 1h. 05.3m. p.m., l.m.t., I set off  $34^{\circ}06'N.$  on the lat. arc;  $15^{\circ}43\frac{1}{2}'N.$  on the decl. arc, and determine a meridian with the solar at the reestablished standard cor. of secs. 35 and 36 on S. bdy. of Tp. (2nd. Standard Parallel North) described in Book "C."

Thence,

- North, on a random line, bet. secs. 35 and 36.
- 39.50 Fall 385 lks. E. of the old  $\frac{1}{4}$  sec. cor., which is a pine 4 ins. in diam.; (nearly dead) marked  $\frac{1}{4}$  S on W. side, witnessed by the two original bearing trees.  
True course and dist. of S.  $\frac{1}{2}$ , bet. secs. 35 and 36 is therefore  $S.5^{\circ}34'E.$ , 39.68 chs.  
From old  $\frac{1}{4}$  sec. cor., described above,
- 40.12 North, on a random line on N.  $\frac{1}{2}$ , bet. secs. 35 and 36.  
Fall 352 lks. W. of the old cor. of secs. 25, 26, 35 and 36, which is a malpais stone 12x8x4 ins., loosely set, marks almost obliterated, witnessed by two or the original bearing trees.  
True course and dist. of N.  $\frac{1}{2}$  bet. secs. 35 and 36 is therefore  $S.5^{\circ}1'W.$ , 40.27 chs.  
This cor. being in a dilapidated condition and insufficiently witnessed, 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. 25, 26, 35 and 36, marked on brass cap,  
T 9 N, R 24 E on 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 original bearing trees,  
A pine, 16 ins. in diam., brs.  $N.53^{\circ}E.$ , 68 lks. dist., marked T 9 N R 24 E S 25 B T.  
A pine, 36 ins. in diam., brs.  $N.51^{\circ}W.$ , 125 lks. dist., marked T 9 N R 24 E S 26 B T.  
Establish new bearing trees as follows:  
A pine, 24 ins. in diam., brs.  $S.12\frac{1}{2}^{\circ}E.$ , 92 lks. dist., which I mark T 9 N R 24 E S 36 B T., &  
A pine, 16 ins. in diam., brs.  $S.74\frac{1}{4}^{\circ}W.$ , 89 lks. dist., which I mark T 9 N R 24 E S 35 B T.
- Thence  
 $S.5^{\circ}01'W.$ , on a true line, on N. half bet. secs. 35 and 36.  
Ascend NE. slope, over mountainous land, through heavy pine timber.
- 25.25 Top of spur, 106 ft. above cor., brs. NW. and SE.; descend gradually, over rolling land.
- 40.27 Intersect the old  $\frac{1}{4}$  sec. cor. hereinbefore described, which I reestablish as follows:  
Alongside of the old tree cor., set an iron post 3 ft.

Partial Resurvey of Subdivision lines of T. 9 N., R. 24 E., S. 5.

Chains.	<p>1 in. in diam., 26 ins. in the ground for <math>\frac{1}{4}</math> sec.cor., marked on brass cap,  <math>\frac{1}{4}</math> S 35 in W.,  S 36 in E., and  1915 in S.half; from which original bearing trees,  A pine, 30ins. in diam., brs.S.42<math>\frac{1}{2}</math>°E., 10 lks. dist., marked <math>\frac{1}{4}</math> S 36 B T., and  A pine, 24 ins. in diam., brs.N.11°W. 09 lks. dist., marked <math>\frac{1}{4}</math> S 35 B T.</p> <p>Thence  S.5°34'E. on a true line on S.<math>\frac{1}{2}</math>, bet. secs.35 and 36. Over mountainous land; descend.</p> <p>5.88 Dry ravine, 20 lks.wide, 33 ft. below top of spur, course S.70°W.; ascend 30 ft.</p> <p>13.68 Top of spur, brs.N. 70°E. and S.70°W.; descend 36 ft.</p> <p>21.83 Dry ravine, 15 lks.wide, course S.70°W., ascend 20 ft.</p> <p>30.73 Top of spur, brs.NE. and SW.; descend 15 ft.</p> <p>39.68 Intersect the reestablished standard cor. of secs.35 and 36, on S. bdy.of Tp.(2nd.Standard Parallel North) described in Book "C."  Land, mountainous.  Soil, poor, dry stony clay loam, 3rd and 4th rate.  Timber, pine and aspen.  Good growth grass.</p>
	<p>From reestablished cor.of secs. 25,26,35 and 36, hereinbefore described,  N.89°54'E., on a random line, bet. secs.25 and 36.</p> <p>39.95 I make a diligent search for the old <math>\frac{1}{4}</math> sec.cor., which I am unable to find; therefore, continue line and measurement.</p> <p>80.92 Fall 11 lks.S. of the temp.cor.of secs.25,30,31 and 36 on E. bdy.of Tp. (6th.Guide Meridian East) August 10, 1915. Aug.11, 1915. In resurvey of this date of the 6th.Guide Meridian East, as described in Book "C" I reestablish this sec.cor. 27 lks.N. of temp.cor., which increases the falling of random line, bet. secs.25 and 36 to 38 lks.S. Therefore, the true course and dist. of line between secs.25 and 36 is S.89° 38'W., 80.92 chs.</p> <p>Thence,  S.89° 38' W., on a true line, bet. secs.25 and 36. Descend W. slope of Pearce Spring Mountain, 117 ft., through heavy pine, fir and aspen timber and brush.</p> <p>9.50 Dry ravine, 10 lks.wide, course N.10°W.; ascend NE.slope of spur, 98 ft.</p> <p>20.00 Top of spur, brs.N.10°W. and S.40°E. Descend SW.slope, 132 ft.</p> <p>36.20 Dry ravine, 16 lks.wide, course N.30°W.; ascend 5 ft.</p> <p>40.46 Set an iron post 3 ft.long, 1 in. in diam., 26 ins. in the ground for reestablished <math>\frac{1}{4}</math> sec.cor., marked on brass cap,  <math>\frac{1}{4}</math> S 25 in N., and  S 36, 1915 in S.half; from which  A pine, 14 ins. in diam., brs.N.11<math>\frac{1}{2}</math>°E., 93 lks. dist., which I mark <math>\frac{1}{4}</math> S 25 B T., and  A pine, 50 ins. in diam., brs.S.58°W., 96 lks. dist., which I mark <math>\frac{1}{4}</math> S 36 B T.</p> <p>42.90 Top of spur, brs.NE. and SW.; descend 20 ft.</p> <p>66.67 Dry ravine, 8 lks.wide, course N.10°E., ascend NE. slope of spur, 42 ft.</p> <p>70.95 Top of spur, brs.N.and S.; descend west slope, 70 ft.</p> <p>78.45 Dry ravine, 10 lks.wide; course N.; ascend 10 ft.</p> <p>80.92 Intersect the reestablished cor. of secs.25,26,35 and 36, hereinbefore described.  Land, mountainous, drains to the northwest.  Soil, stony, 3rd and 4th rate.</p>

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

6. Chains.

Timber, oak, aspen, fir and pine.  
Good growth grass.

August 11, 1915.

GENERAL DESCRIPTION

That portion of this township which I resurveyed is of a rolling, mountainous character of volcanic formation, the soil being mostly volcanic ash and of little value for agricultural purposes. Near the west boundary of sec. 33 there is some very good land, and is covered with an abundant growth of nutritious grasses. The township is heavily timbered with aspen, oak, spruce, fir and pine timber, many of the trees being suitable for lumbering purposes. The township is poorly watered, no living water being found in any of the sections, which I visited in the resurvey. The only settlers in the township reside in the sections which were not resurveyed.

Resurveyed portion of Township 9 North, Range 24 East.  
Latitudes, departures and closing errors

SEC. 33.

Line designated.	True course.	Dist.	Latitudes.				Departures.
			N.	S.	E.	W.	
S. bdy. of Tp.	N. 89° 44' W.	40.30	.19				40.30
(2nd. Std. Par. N)	S. 89° 31' W.	40.02		.34			40.02
	N. 4° 25' W.	38.96	38.84				3.00
	N. 0° 56' E.	40.78	40.77		.67		
Subdivisional	S. 89° 56' E.	41.12		.05	41.12		
Boundary	S. 89° 50' E.	40.70		.12	40.70		
	S. 0° 3' E.	40.80		40.80	.04		
	S. 1° 11' E.	38.52		38.51	.80		
Convergency,					.01		
	Totals,		79.80	79.82	83.34		83.32
				79.80	83.32		
	Error in latitude,				0.02		
	Error in departure,						-0.02

SEC. 36.

South bdy. of Tp.	N. 89° 52' W.	40.16	.09				40.16
(2nd. Std. Par. N)	S. 89° 50' W.	40.43		.12			40.43
	N. 5° 34' W.	39.68	39.50				3.85
Subdivisional bdy	N. 5° 1' E.	40.27	40.12		3.52		
	N. 89° 38' E.	80.92	.52		80.92		
East bdy. of Tp.	S. 0° 1' W.	80.27		80.27			.02
(6th. Guide Mer. E)							
Convergency,					.01		
	Totals,		80.23	80.39	84.45		84.46
				80.23			84.45
	Error in latitude,			0.16			
	Error in departure,						0.01

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CERTIFICATE  
For ~~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.

The foregoing field notes of the retracement and resurvey of part of the  
Subdivision Lines of

TOWNSHIP 9 NORTH, RANGE 24 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 retracements and 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!~~