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Book "D."

BOOK 2867

Subdivisions

FIELD NOTES

OF THE SURVEY OF PART

of the

SUBDIVISION LINES OF

TOWNSHIP 15 NORTH, RANGE 5 WEST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse,

U. S. Surveyor,

In the capacity of U. S. Surveyor, under instructions dated Sept. 26, 1914, issued by the United States Surveyor General to govern surveys included in Group No. 37, which were approved by the Commissioner of the General Land Office, Oct. 3, 1914.

Survey commenced January 21, 1915.

Survey completed January 26, 1915.

BOOK 2867

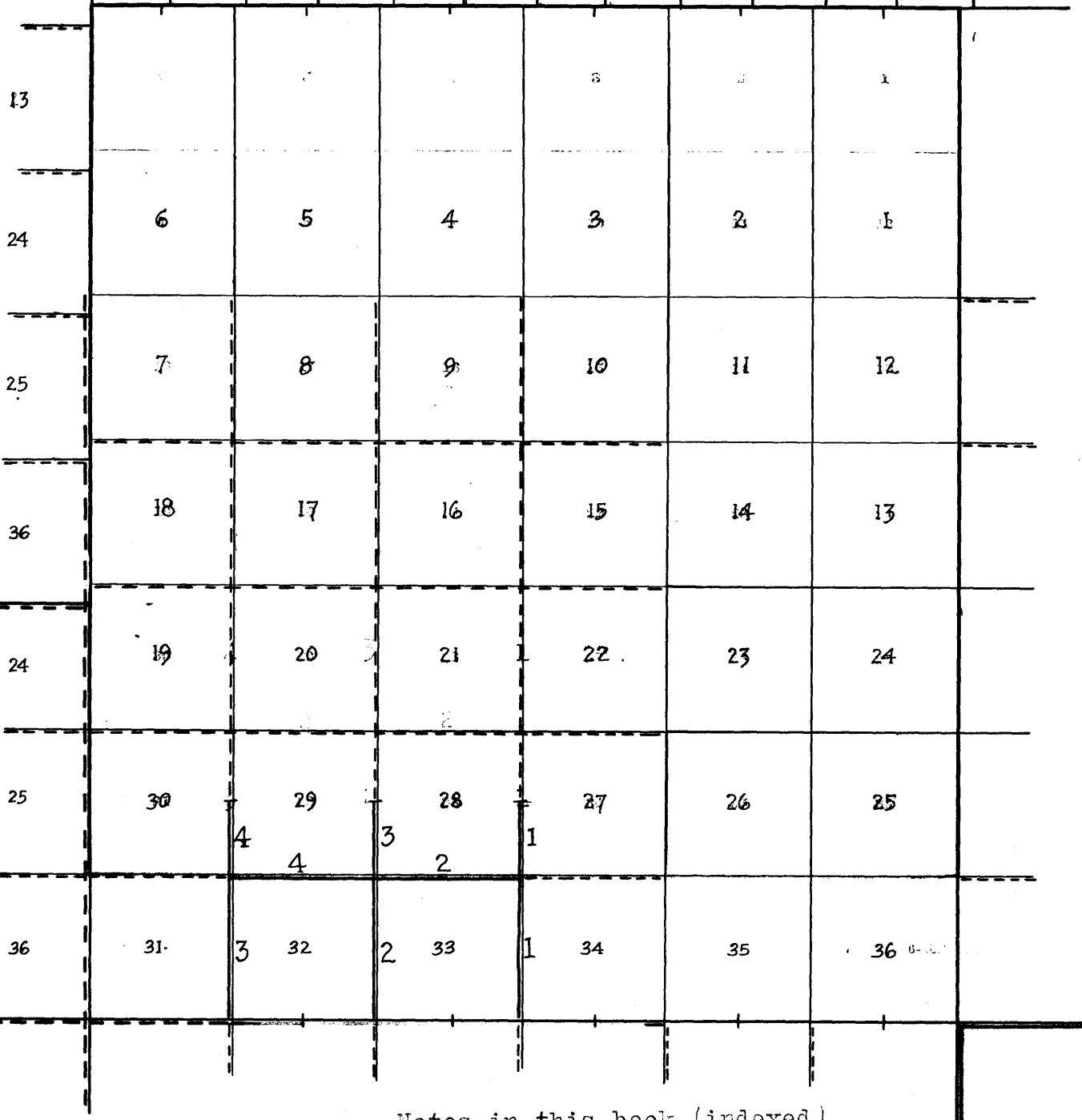
Book "D."

INDEX DIAGRAM.

Township 15 North, Range 5 West.

T. 15 N.-R. 6 W.

T. 14 1/2 N.-R. 6 W.



- Notes in this book (indexed)
- Notes in Book "A."
- Notes in Book "C."
- Accepted surveys.
- Unsurveyed lines.

Partial Subdivision of ... Tp. 15 N. Rg. 5 W.

Chains

Survey commenced January 21, 1915, and executed with an A. Lietz light mountain transit, No. 6166, with solar attachment. For description of instrument, certificate of approval and field test for adjustments of transit and solar, see notes of the survey of the S. bdy. of Tp. 15 N. Rg. 5 W. in Book "A."

January 21, 1915; At 8h. 00m. a.m., l.m.t., I set off $34^{\circ} 35\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 59\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the Tp. established by meas described in Book "A."

Thence I run N. $0^{\circ} 02'$ W. bet. secs. 33 and 34. Ascend over huge granite boulders, through scattering timber and dense brush.

3.05
10.00
17.80
20.45
21.00
34.00
40.00

48.69
76.50
80.00

Ridge bears N. W. and S. E. descend. Along W. slope. Spur, bds. W. descend steep N. slope. Leave boulders. Road bears E. and W. Wash 125 lks. wide course W. ascend steep S. slope. Wash 10 lks. wide course S. W. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S33 in W. and S34 in E. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Road bears E. and W. on top of high ridge bears E. and W. descend gradual N. slope. Enter huge granite boulders. Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 27, 28, 33 and 34, marked on brass cap 1915 on S. rim; T15NR5W in N. half; S28 in N. W. S27 in N. E. S34 in S. E. and S33 in S. W. quadrant; from which

- A pinon 12 ins. diam., bears N. $87\frac{1}{2}^{\circ}$ W. 57 lks. dist., marked T15NR5WS28BT.
- A pinon 8 ins. diam., bears N. 26° E. 58 lks. dist., marked T15NR5WS27BT.
- An oak 12 ins. diam., bears S. 64° E. 42 lks. dist., marked T15NR5WS34BT.
- An oak 8 ins. diam., bears S. 50° W. 56 lks. dist., marked T15NR5WS33BT.

January 21; At this cor. I set off $19^{\circ} 59\frac{1}{2}'$ S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ} 36'$ N. Land, mountainous. Soil, rocky, 4th rate. Timber, scattering pine and oak. Dense brush.

2.20
18.40

33.53
40.00

N. $0^{\circ} 02'$ W. bet. secs. 27 and 28. Over huge granite boulders, through dense brush and scattering timber. Descend steep N. slope. Draper Creek, 6 lks. wide course W. Clear running water 3 ins. deep. Ascend. Spur, bds. SW. descend. Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; $\frac{1}{4}$ S28 in W. and S27 in E. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky; 4th. rate. Timber, a few cedars. Undergrowth, oak and manzanita.

2 Partial Subdivision of Tp. 15 N. Rg. 5 W.

Chains.

January 21, 1915.

January 23, 1915; At 8h. 00m. a.m., l.m.t., I set off $34^{\circ} 35\frac{1}{2}'$ N. on the lat. arc; $19^{\circ} 32\frac{1}{2}'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the Tp., established by me, as described in Book "A."

Thence I run
N. $0^{\circ} 02'$ W. bet. secs. 32 and 33.
Descend N. slope.

12.80 Wash 12 lks. wide course N. E.
15.20 Enter dense timber.
27.27 Wash 20 lks. wide course N. E.
36.20 F. Lajeunesse house bears N. $26^{\circ} 30'$ E.
37.94 Road bears N. W. and timber becomes scattering.
40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ S32 in W. and
S33 in E. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

43.00 Wash 10 lks. wide course N. E.
44.25 Wash 10 lks. wide course N. E.
60.00 Enter dense sycamore timber and over level valley.
62.14 Sycamore Creek 8 lks. wide course N. W. clear running water 3 ins. deep.
63.34 Fence bears N. W. and S. E. leave timber. Ascend.
63.54 Road bears N. W. and S. E.
71.00 Spur, br. W.
74.85 Fence bears N. E. and S. W.
80.00 Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the ground for cor. of secs. 28, 29, 32 and 33, marked on brass cap
1915 on S. rim;
T15NR5W in N. half;
S29 in N. W.
S28 in N. E.
S33 in S. E. and
S32 in S. W. quadrant; dig pits 18 x 18 x 12 ins. in each sec. $5\frac{1}{2}$ ft. dist., and raise a mound of earth 4 ft. base 2 ft. high, W. of cor.
Land, mountainous and level.
Soil, rocky; 4th. rate; except across valley which is a rich sandy loam, dry, medium texture; 1st. rate.
Timber, cedar and sycamore.
Poor grass.

40.00 East on a random line bet. secs. 28 and 33.
Set temp. $\frac{1}{4}$ sec. cor.
79.98 Intersect N. and S. line 2 lks. S. of the cor. of secs. 27, 28, 33 and 34.
Thence I run
S. $89^{\circ} 59'$ W. on a true line bet. secs. 28 and 33.
Ascend over huge granite boulders, through scattering timber and dense brush.
3.80 Leave boulders and timber.
11.00 Ridge bears N. W. and S. E. descend S. W. slope.
19.90 Wash 10 lks. wide course S. ascend S. E. slope.
39.99 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for $\frac{1}{4}$ sec. cor., marked on brass cap
1915 on S. rim;
 $\frac{1}{4}$ S28 in N. and
S33 in S. half; and raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
48.00 Ridge bears N. E. and S. W. descend steep W. slope.

Chains.	
64.89	Wash 100 lks. wide course N. W. ascend.
70.10	Ridge bears N. and S. descend.
78.45	Fence bears N. and S.
79.98	The cor. of secs. 28, 29, 32 and 33.
	Land, mountainous. Soil, rocky; 4th. rate. Timber, a few cedars. Undergrowth, oak and manzanita. Poor grass.
	N. 0° 02' W. bet. secs. 28 and 29.
	Over level valley, through dense brush.
3.67	Road bears N. E. and S. W.
4.82	Draper Creek 8 lks. wide course S. W. clear running water
	4 ins. deep. Leave brush and across plowed land.
10.00	Leave plowed land, ascend steep S. slope through dense
	brush.
11.55	Fence bears N. E. and S. W.
14.44	J. Wood house bears N. 84° 20' E. 16.80 chs. dist.,
39.75	Brush fence bears E. and W.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
	ground for $\frac{1}{4}$ sec. cor., marked on brass cap
	1915 on S. rim;
	$\frac{1}{4}$ S29 in W. and
	S28 in E. half; and raise a mound of stone 2 ft.
	base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, rocky; 4th. rate, except S. 10.00 chs. which is a
	rich sandy loam, dry, medium texture; 1st. rate.
	Timber, sycamores along creek.
	Undergrowth, oak and manzanita.
	Poor grass.
	January 23, 1915.
	January 24, 1915: From cor. of secs. 5, 6, 31 and 32 on
	S. bdy. of Tp., established by me, as described in Book
	N. 0° 05' W. bet. secs. 31 and 32.
	Descend through scattering brush.
5.73	Wash 20 lks. wide course N. W.
8.00	Ascend S. W. slope.
16.88	Road bears N. E. and S. W.
20.00	Ridge bears E. and W. descend.
40.00	Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
	ground for $\frac{1}{4}$ sec. cor., marked on brass cap
	1915 on S. rim;
	$\frac{1}{4}$ S31 in W. and
	S32 in E. half; from which
	A cedar 8 ins. diam., bears S. 41° E. 87
	lks. dist., marked $\frac{1}{4}$ S32BT.
	No other bearings available. Raise a mound of stone
	2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	Through dense brush.
58.27	Spur, hrs. NE.
59.80	Wash 20 lks. wide course N. E.
62.65	Spur, hrs. NE. and through dense timber.
70.00	Timber becomes scattering.
74.00	Wash 30 lks. wide course N. W.
77.60	Sycamore Creek 8 lks. wide course W. clear running water
	3 ins. deep.
78.00	Ascend, leave timber.
80.00	Set an iron post 3 ft. long, 2 ins. diam., 24 ins. in the
	ground for cor. of secs. 29, 30, 31 and 32, marked on
	brass cap
	1915 on S. rim;
	T15NR5W in N. half;

4 Partial Subdivision of Twp. 15 N. Rg. 5 W.

Chains.	<p>S30 in N. W. S29 in N. E. S32 in S. E. and S31 in S. W. quadrant; from which An ash 12 ins. diam., bears S. $12\frac{3}{4}^{\circ}$ E. 109 lks. dist., marked T15NR5WS32BT. A sycamore 30 ins. diam., bears S. $5\frac{1}{4}^{\circ}$ W. 134 lks. dist., marked T15NR5WS31BT. No other bearings available. Raise a mound of stone 2 ft. base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, rocky; 4th. rate. Timber, pine, cedar and sycamore. Undergrowth, oak and manzanita. Poor grass.</p> <p style="text-align: right;">January 24, 1915.</p>
	<p>January 26, 1915; At 8h 30m. a.m., l.m.t., I set off 34° $36'$ N. on the lat. arc; $18^{\circ} 50'$ S. on the decl. arc; and determine a meridian with the solar at the cor. of secs. 29, 30, 31 and 32. Thence I run East on a random line bet. secs. 29 and 32. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.04 Intersect N. and S. line 9 lks. S. of the cor. of secs. 28, 29, 32 and 33. Thence I run S. $89^{\circ} 56'$ W. on a true line bet. secs. 29 and 32. Over rolling land, through dense brush. 1.23 Road bears N. and S. 5.35 Draper Creek 12 lks. wide course SW. clear running water 3 ins. deep. 10.19 Fence brs. N. and S. Leave brush and timber. 20.00 Enter dense brush and timber. 37.02 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap 1915 on S. rim; WC $\frac{1}{4}$ in W. half; S29 in N. W. and S32 in S. W. quadrant; from which A sycamore 7 ins. diam., bears N. 15° W. 104 lks. dist., marked WC $\frac{1}{4}$ S29BT. A sycamore 10 ins. diam., bears S. 79° W. 96 lks. dist., marked WC $\frac{1}{4}$ S32BT.</p> <p>40.02 Point for $\frac{1}{4}$ sec. cor. falls on ground subject to overflow during high water. 47.79 Sycamore Creek 8 lks. wide course W., bears S. E. and along same to 67.30 Sycamore Creek 8 lks. wide course S. W. clear running water 3 ins. deep. 71.50 Ascend along S. E. slope. Leave timber. 74.00 Along S. slope. 80.04 The cor. of secs. 29, 30, 31 and 32. January 26: At this cor. I set off $18^{\circ} 49'$ S. on the decl. arc; and observe the sun on the meridian at noon; the resulting lat. is $34^{\circ} 36'$ N. Land, rolling and nearly level. Along bottom of deep canyon. Soil, rocky; 4th. rate. Timber, sycamore and oak. Undergrowth, oak. Poor grass.</p>
	<p>N. $0^{\circ} 03'$ W. bet. secs. 29 and 30. Ascend steep S. slope through dense brush. 17.25 Wash 10 lks. wide course S. W. 29.67 Spur, brs. SW. descend. 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the</p>

Chains.

ground for $\frac{1}{4}$ sec. cor., marked on brass cap
 1915 on S. rim;
 $\frac{1}{4}$ S30 in W. and
 S29 in E. half; and raise a mound of stone 2 ft.
 base $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, rocky; 4th. rate.
 No timber.
 Undergrowth, oak and catclaw.

January 26, 1915.

GENERAL DESCRIPTION.

The part of this township surveyed covers all the land necessary to include the claims of all the settlers in the township. The township is rough and mountainous, and the soil is rocky and worthless, excepting small tracts along Sycamore and Draper Creeks, which is very rich and produces abundantly with cultivation, and is particularly adapted to fruit growing. The timber is very scattering, except sycamores along the creeks and a small patch of cedars in sec. 32.
 There is one settler in Sec 28 and one in sec. 33.

John P. Hesse
 U. S. Surveyor.

BOOK 2867

For FINAL OATH OF UNITED STATES SURVEYOR.
(See Book "B" 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, FEB 18, 1916.

The foregoing field notes of the survey of _____ part of the _____
Subdivision Lines of Township 15 North, Range 5 West,
of the Gila and Salt River Base and Meridian, Arizona.

executed by John F. Hesse, U. S. Surveyor,
under his special instructions dated September 26, 1914, for Group 37, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank P. Brock
Surveyor General
of Arizona.

~~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.~~