

1882

Book "E"

BOOK 1882

FIELD NOTES

OF THE SURVEY OF THE

*Subdivision lines of Township 2
North Range 30 East.*

1882

1882

Of the *Gila and Salt River* Meridian,

Territory of Arizona

AS SURVEYED BY

John D. Nasse, United States Deputy Surveyor,

Under his Contract No. *121*, dated *June 17, 1904*, 189

Survey commenced *August 30-*, 189*4*

Survey completed *Sept 3-*, 189*4*

23
1A

BOOK 1882

NAMES AND DUTIES OF ASSISTANTS.

George W. Cassidy

Chairman

A. A. Snyder

Chairman

W. W. Oliver

Uxman

G. E. Wiswell

Uxman

W. H. Post

Flagman

BOOK 1882

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PRELIMINARY OATHS OF ASSISTANTS.

WE, George W. Cassidy and A. A. Snyder
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision lines of Pp. 2 N. Rg. 30 E.

George W. Cassidy Chainman.
A. A. Snyder Chainman.

Subscribed and sworn to before me this 1st
day of August 1904, 189



John F. Hesse
U. S. Rep. Surveyor

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.
_____, Moundman.

Subscribed and sworn to before me this _____
day of _____, 189



WE, W. W. Oliver and G. E. Wiswell
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the subdivision lines of Pp. 2 N. Rg. 30 E.

W. W. Oliver Axman.
G. E. Wiswell Axman.

Subscribed and sworn to before me this 1st
day of August 1904, 189



John F. Hesse
U. S. Rep. Surveyor

I, W. H. Fort, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the subdivision lines of Pp. 2 N. Rg. 31 E.

W. H. Fort, Flagman.

Subscribed and sworn to before me this 1st
day of August 1904, 189



John F. Hesse
U. S. Rep. Surveyor

No notary available

Subdivisional line in T. 2 N., R. 30 E., Arizona.

Chs.	<p>See boundaries for description of instrument used in this survey, it being adjusted and p. m., and a. m., solar observations having been checked on Polaris On August 28th and 29th, 1904.</p> <p>August 30th, 1904, at 6.30 a. m., 1. m. t., I set off 33° 28' N., on the lat. arc., 9° 05' N., on the decl arc and determine a true meridian with the Solar at the cor. of secs. 1, 2, 35 and 36, heretofore established and described by me (South boundary of T. 2 N., R. 30 E).</p> <p>Thence I run, N. 0° 01' W., on a true line bet. secs. 35 and 36, over rough mountains through scattering timber.</p> <p>Ascending.</p>
5.00	<p>Top of ridge bears S. E. and N. W. and descend. Enter dense timber.</p>
18.76	<p>Gully 10 lks. wide, course N. E.</p>
26.77	<p>Gully 15 lks. wide, course N. E. and ascend through scattering timber.</p>
38.05	<p>Top of spur bears N. E. and S. W. and descend.</p>
40.00	<p>Set a malpais stone, 13 x 14 x 12 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence,</p> <p>A pinon, 7 ins., in diam. brs. S. 37° E., 46 lks. dist. mkd. 1/4 S. 36 B. T.</p> <p>A pinon, 3 ins., in diam. brs. S. 15° W., 22 lks. dist. mkd. 1/4 S. 35 B. T.</p>
49.00	<p>Dry creek, 25 lks. wide, course N. E. and ascend.</p>
55.00	<p>Top of spur bears N. and Southwest and descend.</p>
59.65	<p>Gully, 10 lks. wide, course N. E. and ascend.</p>
68.10	<p>Top of ridge bears N. E. and S. W. and descend.</p>
7985	<p>Gully 10 lks. wide, course N. E.</p>
80.00	<p>Point for the corner of sections 25, 26, 35 and 36, falls in the Blue River 75 lks. wide, running water, course S. 5° E.,</p> <p>Continue the line</p>
80.96	<p>Set a malpais stone, 30 x 12 x 10 ins., ²³ 22 ins., in the ground for witness corner to the corner of secs. 25, 26, 35 and 36, marked W. C. with 1 groove on the S and E. edges; whence,</p> <p>A box elder, 14 ins., in diam. brs. N. 7° E., 68 lks. dist. mkd. W. C. T. 2 N., R. 30 E., S. 25 B.T.</p> <p>An oak, 7 ins., in diam. brs. S. 1° E., 155 lks dist. mkd. T. 2 N., R. 30 E., S. 36 B. T. W. C.</p> <p>A Hackberry, 5 ins., in diam. S. 45' W., 116 lks. dist. mkd. W. C. T. 2 N., R. 30 E., S. 35 B. T.</p> <p>A hackberry, 6 ins., in diam. brs. N. 82° W., 119 lks. dist. mkd. W.C. T. 2 N., R. 30 E., S. 26 BT.</p> <p>Land rough and mountainous. 80. chs.</p> <p>Soil rocky and 4th rate.</p> <p>Timber, juniper, cedar and pinon, 80. chs.</p> <p>Oak underbrush with some scrub cedars.</p>
40.00	<p>----- East, on a random line, bet. secs. 25 and 36, over from Cor. pt. ^{over}</p> <p>rough mountains through scattering timber.</p>
80.16	<p>Set temporary 1/4 sec. cor.</p> <p>Intersect the east boundary of the Tp. 4 lks. S. of the corner of sections 25, 30, 31 and 36, as heretofore established and described by me.</p>
	<p>Thence I run, S. 89° 58 ⁵⁸ W., on a true line bet. secs. 25 and 36.</p>
	<p>Over rough mountainous land, through scattering timber.</p>
	<p>Descending.</p>
.75	<p>Gully, 10 lks. wide, course S. W.</p>
5.65	<p>Gully, 15 lks. wide, course S. W.</p>
21.95	<p>Gully 10 lks. wide, course S. W.</p>
29.75	<p>Top of spur bears S. E. and N. W. and descend.</p>
39.00	<p>Dry creek 35 lks. wide, course S. W.</p>

2. Subdivisional lines in T. 2 N., R. 30 E., Continued.

Chs. 40.08	Set a malpais stone, 24 x 12 x 8 ins., 18 ins., in the ground for 1/4 sec. cor., marked 1/4 on the N. face; whence, An oak, 6 ins., in diam. brs. N. 18° E., 23 lks. dist. mkd. 1/4 S. 25 B. T. A pinon, 8 ins., in diam. brs. S. 54 1/2° W., 82 lks. dist. mkd. 1/4 S. 36 B. T. Ascending.
48.55	Top of ridge bears N. E. and S. W. and descend.
27.00	Gully, 10 lks. wide, course S. W.
68.50	Cross Blue River, 70 lks. wide, running water, course Southern, and ascend.
70.82	Cross wagon road from Clifton to Luna Valley course N. and S.
80.16	The corner pt. sections 25, 26, 35 and 36, as heretofre described. Land rough mountains 80.16 chs. Soil, rocky and 4th rate. Timber, scattering juniper, oak and pinon. Oak underbrush.

6.00	From cor. pt. of secs. 25, 26, 35 and 36. N. 0° 01' W., on a true line bet. secs. 25 and 26, over canon bottom land, through dense timber. Cross Blue River, running stream 60 lks. wide, course S. W.
9.65	Cross Blue River, 10 lks. wide, course S. E. and ascend. Land becomes rough mountains.
11.00	Top of ridge, bears E. and W., descend timber becomes scattering.
27.95	Ravine, 30 lks wide, course W. and ascend.
35.00	Top of ridge bears E. and W. and descend.
40.00	Set a malpais stone, 24 x 8 x 8 ins., 18 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, A pinon, 9 ins., in diam. brs. N. 16 1/2° E., 51 lks. dist. marked 1/4 S. 25 B. T. A pinon, 4 ins., in diam. brs. S. 30° W., 32 lks. dist. mkd. 1/4 S. 26 B. T.
44.35	Ravine, 20 lks. wide, course S. W. and ascend.
54.60	recross ravine, 10 lks. wide, course S. E.
69.87	Top of ridge bears N. E. and S. W. and descend.
80.00	Set a malpais stone, 28 x 16 x 14 ins., 21 ins., in the ground for the cor. of secs. 23, 24 25 and 26, marked with 2 grooves on the S. and 2 grooves on the E. edges, whence, A pinon, 12 ins., in diam. brs. N. 80 3/4° E., 107 lks. dist. mkd. T. 2 N., R. 30 E., S. 24 B. T. A pinon, 4 ins., in diam. brs. S. 53 1/2° E., 151 lks. dist. mkd. T. 2 N., R. 30 E., S. 25 B. T. An oak, 4 ins., in diam. brs. S. 81° W., 21 lks. dist. mkd. T. 2 N., R. 30 E., S. 26 B. T. An oak, 8 ins., in diam. brs. N. 4 1/4° W., 22 lks. dist. mkd. T. 2 N., R. 30 E., S. 23 B. T.
	Land rough and broken mountains 70.35 chs. bottom land 9.65 chs. Timber dense corronwood, ash and hackberry in river bottom 9.65 chs. Timber cedar, pinon and juniper 70.35 chs. scattering. Soil sandy in River bottom, rocky and 4th class on mountain slope.

August 30th, 1904.

August 31st, 1904, at 7h, 8m, a. m., 1. m. t, I set off 33° 30' N., on the lat. arc., 8° 42' N., on the decl. arc and determine a meridian with the Solar at

3. Subdivisional lines in T. 2 N., R. 30 E., Continued.

Chs.	the corner of sections 23, 24, 25 and 26, thence I run N. 89° 58' E., on a random line, bet. secs. 24 and 25.
40.	Set temp. 1/4 sec. cor.
80.08	Fell 18 lks. S. of the cor. of secs. 19, 24, 25 and 30, on the East bdy. of the Tp. thence I run, S. 89° 50' W., on a true line bet. secs. 24 and 25. Along gentle N. slope of rough mountain through scattering timber. Ascending.
5.52	Top of mountain spur bears N and S. and descend.
11.00	Cross Owl Creek, 35 lks. wide, course S. to the Blue. Dry, and commence rough ascent.
38.49	Top of ridge bears N. E. and S. W. and descend.
40.04	Set a malpais stone, 45 x 24 x 15 ins., 20 ins., in the ground to bed rock, for 1/4 sec. cor. mkd. 1/4 on the N. face, whence, A pinon, 8 ins., in diam. brs. N. 15° E., 39 lks. dist. mkd. 1/4 S. 24 B. T. A pinon, 9 ins., in diam. brs. S. 63 1/2° E., 47 lks. dist. mkd. 1/4 S. 25 B. T.
74.95	Enter dense timber.
78.04	Top of ridge bears S. E. and N. W.
80.08	The cor. of secs. 23, 24, 25 and 26. Land rough mountains 80.08 chs. Soil rocky and 4th rate. Timber, dense and scattering juniper, pinon and pine. Oak underbrush scattering.

	N. 0° 1' W., on a true line, bet. secs. 23 and 24. Over rough mountains through scattering timber.
3.00	Top of ridge bears S. E. and N. W. and descend.
24.15	Dry creek, 45 lks. wide, course W. and ascend.
30.00	Top of spur bears N. E. and S. W. and descend.
35.50	Ravine, 30 lks. wide, course S. W. and ascend.
40.00	Set a malpais stone, 24 x 12 x 10 ins., 18 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, A cedar, 8 ins., in diam. brs. S. 89° E., 31 lks. dist. mkd. 1/4 S. 24 B. T. A Cedar, 5 ins., in diam. brs. S. 36° W., mkd. 1/4 S. 23 B. T. (68 lks. dist.) At this corner, at 12 o'clock, noon, 1. m. t., by my watch which has correct time, I set off 8° 36' 30'' N., on the decl. arc., and observe the Sun on the Meridian, the resulting latitude is 33° 30' N., almost the true latitude or as near as the true latitude can be read on the vernier of the lat. arc.
48.	Top of ridge bears E. and W. and descend.
66.75	Cross Bear Creek, dry, 60 lks. wide, course west and ascend.
73.00	Bluff, about 100 ft. high.
80.00	Set a malpais stone, 36 x 12 x 12 ins., 27 ins., in the ground for the corner of secs. 13, 14, 23 and 24, marked with 3 grooves on the S. and 1 groove on the E. edges, whence, A pinon, 14 ins., in diam. brs. N. 64 1/2° E., 145 lks. dist. mkd. T. 2 N., R. 30 E., S. 13 B. T. A pinon, 7 ins., in diam. brs. S. 55° W., 183 lks. dist. mkd. T. 2 N., R. 30 E., S. 23 B. T. A oak, 6 ins., in diam. brs. N. 15 1/2° W., 177 lks. dist. mkd. T. 2 N., R. 30 E., S. 14 B. T. No other trees within limits. I raise a mound of stone, 3 ft. base, 2 ft. high, W., of the Cor. Pits impracticable. Land mountainous 80.00 chs. very rough. Timber, pinon cedar, oak and juniper. Soil 4th rate.

4.

Subdivisions in T. 2 N., R. 30 E., Continued.

Chs. N. 89° 50' E., on a random line, bet. secs. 13 and 24.
 40. Set temp. 1/4 sec. cor.
 79.96 Intersect the east bdy. of the Tp. 25lks. N. of the cor. of secs. 13, 18, 19 and 24, thence I run, N. 89° 59' W., on a true line, bet. secs. 13 and 24, over rough mountains, through scattering timber. Ascending.
 9.95 Top of ridge bears N. E. and S. W. and descend.
 39.98 Set a malpais stone, 40 x 20 x 18 ins., 18 ins., in the ground for 1/4 sec. cor. marked 1/4 S. on the N. face, (this cor. was set to bed rock and surrounded by several rocks.) whence,
 A pinon, 9 ins., in diam. brs. S. 38 1/2° W., 64 lks. dist. mkd. 1/4 S. 24 B. T.
 A pinon, 15 ins., in diam. brs. N. 70° W., 74 lks. dist. mkd. 1/4 S. 13 B. T.
 61.49 Bear Creek, dry, 50 lks. wide, course S. W. and ascend.
 79.96 The corner of sections 13, 14, 23 and 24, as heretofore described.
 Land very rough and precipitous mountains.
 79.96 chains.
 Timber scattering oak, juniper, pinon and cedar. 79.96chs.
 Soil, rocky and 4th rate.
 Underbrush, scrub cedar and oak.

August 31st, 1904.

Sept. 1st, 1904, at 6.30 a.m., l. m. t.
 N. 0° 01' W., on a true line bet. secs. 13 and 14, after setting off 33° 31' N., on the lat arc., and 8° 22' N., on the decl. arc and determining a true meridian with the Solar.
 27.00 Along gentle west slope of rough mountains.
 40.00 Top of ridge bears E. and W. and descend.
 Set a malpais stone, 18 x 12 x 10 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence,
 A pinon, 8 ins., in diam. brs. N. 42° E., 27 lks. dist. mkd. 1/4 S., 13 B. T.
 A pinon, 3 ins., in diam. brs. S. 49 1/4° W., 57 lks. dist. marked 1/4 S. 14 B. T.
 49.65 Dry creek, 60 lks. wide, course west and ascend.
 62.00 Top of ridge bears E. and W. and descend.
 69.15 Dry creek, 35 lks. wide, course W. and ascend.
 74.05 Top of ridge bears E. and W. and descend.
 79.15 Dry creek, 30 lks. wide, course W. and ascend.
 80.00 Set a malpais stone, 30 x 12 x 7 ins., 24 ins., in the ground for the cor. of secs. 11, 12, 13 and 14, marked with 4 grooves on the S. and 1 groove on the E., edges, whence,
 A Cedar, 4 ins., in diam. brs. N. 26 1/2° E., 40 lks. dist. mkd. T. 2 N., R. 30 E., S. 12 B. T.
 A Cedar, 6 ins., in diam. brs. S. 32° E., 52 lks. dist. mkd. T. 2 N., R. 30 E., S. 13 B. T.
 A juniper, 6 ins., in diam. brs. S. 40 1/2° W., 23 lks. dist. mkd. T. 2 N., R. 30 E., S. 14 B. T.
 A juniper, 4 ins., in diam. brs. N. 50° W., 26 lks. dist. mkd. T. 2 N., R. 30 E., S. 11 B. T.
 Land rough and mountainous 80.00 chs.
 Soil, rocky and 4th rate.
 Timber cedar, pinon oak and juniper 80.00 chs.
 Oak and cedar underbrush.

S. 89° 59' E., on a random line bet. secs. 12 and 13.
 40. Set temp. 1/4 sec. cor.
 80.25 Intersect the East boundary of the Tp. ^{2 lks. S of} at the cor. of secs. 7, 12, 13 and 18, thence I run, West East, on a true line, bet. secs. 12 and 13.
 Over rough and mountainous land thr. scat. timber.

5. Subdivisional lines in T. 2 N., R. 30 E., Continued.

Chs. 40.125	Set a malpais stone, 36 x 18 x 6 ins., 27 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence, An oak, 7 ins., in diam. brs. N. 35° E., 13 lks. dist. mkd. 1/4 S. 12 B. T. A juniper, 10 ins., in diam. brs. S. 25 1/2° E., 73 lks. dist. mkd. 1/4 S. 13 B. T.
41.20	Along mountain ridge descending.
75.75	Dry creek, 50 lks. wide, course N. W. and ascend.
80.25	The cor. of secs. 11, 12, 13 and 14. Land rough mountains 80.25 chs. Soil, rocky 2nd to 4th rate. Timber scattering oak, juniper and pinon timber. Some underbrush. Sept. 1st, 1904.

I discontinue the survey of the 1st range of sections to the east at this corner, as the land north becomes more rough and mountainous and the further extension thereof is not necessary to properly include the agricultural and grazing lands or settlers claims lying along or within the Canon of the Blue River.	

Sept. 2nd, at 7 a m., 1. m. t., by my watch which is correct, at the cor. of secs. 34 and 35 on the South boundary of the Tp. I set off 33° 28' N., on the lat. arc, 7° 59' N., on the decl. arc and determine a meridian with the Solar.	
Thence, I run, N. 0° 01' W., on a true line, bet. secs. 34 and 35, ascending over rough mountains through heavy timber.	
6.00	Top of ridge bears S. E. and N. W. and descend thro. denser timber.
24.40	Gully 10 lks. wide, course S. E. and ascend.
26.01	Top of ridge bears S. E. and N. W. and descend.
40.	Set a malpais stone, 24 x 14 x 12 ins., 18 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, A pinon, 3 ins., in diam. brs. N. 52° E., 23 lks. dist. mkd. 1/4 S. 35 B. T. A pinon, 14 ins., in diam. brs. N. 70 1/2° W., 37 lks. dist. mkd. 1/4 S. 34 B. T.
69.60	Dry creek, 30 lks. wide, course N. E. and ascend.
77.04	Top of ridge bears N. E. and S. W. and descend.
80.00	Set a malpais stone, 20 x 12 x 12 ins., 12 ins., in the ground for the cor. of secs. 26, 27, 34 and 35, marked with 2 grooves on the E. and 1 on the S. edges, whence, A Cedar, 6 ins., in diam. brs. N. 80 1/2° E., 55 lks. dist. mkd. T. 2 N., R. 30 E., S. 26 B. T. A juniper, 4 ins., in diam. brs. S. 14 1/2° E., 72 lks. dist. mkd. T. 2 N., R. 30 E., S. 35 B. T. A pinon, 4 ins., in diam. brs. S. 55 1/2° W., 29 lks. dist. mkd. T. 2 N., R. 30 E., S. 34 B. T. A juniper, 10 ins., in diam. brs. N. 7 1/2° W., 18 lks. dist. mkd. T. 2 N., R. 30 E., S. 27 B. T. Land rough and mountainous 80.00c hs. Soil, rocky and 4th rate. Timber dense cedar, pinon oak and juniper. Oak underbrush.

6.

Subdivisional lines in T. 2 N., R. 30 E., Arizona.

Chs.	East, on a random line bet. secs. 26 and 35,
40.	Set temp. 1/4 sec. cor.
80.35	✓ Fell 106 lks. S., of the Witness Cor. for the cor. of secs. 25, 26, 35 and 36, which would be 10 links, S. of the true cor. point for said section, thence, I run, from true cor. point in river, S. 89° 56' W., on a true line, bet. secs. 26 and 35, Over gentle N. slope of rough mountains, through dense timber.
.40	Leave Blue River, course S. and ascend steep.
3.85	Timber becomes scattering.
12.70	Top of ridge, above river bottom, bears N. E. and S. W., and descend.
18.20	Gully, 10 lks. wide, course N. E. and ascend.
21.65	Top of ridge bears N. E. and S. W. and descend.
25.90	Gully 5 lks. wide, course N. E. and ascend.
28.02	Top of ridge bears N. E. and S. W. and descend.
32.75	Dry creek, 30 lks. wide, course N. E. and ascend.
40.175	✓ Set a malpais stone, 18 x 18 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence, An oak, 5 ins., in diam. brs. N. 35 1/2° E., 15 lks. dist. mkd. 1/4 S. 26 B. T. A pinon, 11 ins., in diam. brs. S. 66° W., 55 lks. dist. mkd. 1/4 S. 35 B. T. Ascending.
41.55	Top of ridge bears N. E. and S. W. and descend.
42.25	Gully, 5 lks. wide, course N. E. and ascend.
44.00	Top of ridge bears N. E. and S. W. and descend.
46.85	Dry creek, 25 lks. wide, course N. E. and ascend.
54.00	Top of ridge bears N. E. and S. W. and descend.
73.50	Gully, 10 lks. wide, course N. E. and ascend.
67.00	Top of ridge bears N. E. and S. W. and descend.
78.18	Top of ridge bears N. E. and S. W. and descend.
80.35	The cor. of secs. 26, 27, 34 and 35. Land rough mountains 80.35 chs. Soil, rocky and 4th rate. Timber scattering pinon, juniper, cedar and oak. Some underbrush of scrub cedar and oak.

	At 12, o'clock noon, 1. m. t., I set off 7° 53' N., on the decl. arc, at the cor. of secs. 26, 27, 34 and 35 and observe the sun on the Meridian, the resulting lat. is. 33° 29' N., the true lat. From this cor. I run, N. 0° 01' W., on a true line bet. secs. 26 and 27, descending over rough mountains through dense timber.
12.25	Enter bottom land and scattering timber.
17.60	Cross, Stray Horse Creek, 70 lks. wide, course E. and at
18.50	Leave bottom land and ascend steep.
40.00	✓ Set a malpais stone, 36 x 20 x 12 ins., 27 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, A pinon, 6 ins., in diam. brs. S. 82 1/2° E., 52 lks. dist. mkd. 1/4 S. 26 B. T. A pinon, 12 ins., in diam. brs. S. 16 1/2° W., 35 lks. dist. mkd. 1/4 S. 27 B. T.
43.10	Top of ridge bears E. and W. and descend through dense timber.
54.50	Enter creek, dry, course N. E. and ascend.
57.00	Leave creek, course N. E. and ascend.
69.00	Top of spur bears N. E. and S. W. and descend.
74.25	Cross Tornado Creek, 40 lks. wide, course E. and ascend through scattering timber.
80.00	✓ Set a malpais stone, 26 x 12 x 10 ins., 19 ins., in the ground for the cor. of secs. 22, 23, 26 and 27, marked with 2 grooves on the S. and E. edges, whence

7.

Subdivisional lines in T. 2 N., R. 30 E., Ariz.

Chs.

A pinon, 4 ins., in diam. brs. N. 55° E., 17 lks. dist. mkd. T. 2 N., R. 30 E., S. 23 B. T.
 A pinon, 21 ins., in diam. brs. S. 69 1/2° E., 70 lks. dist. mkd. T. 2 N. R. 30 E., S. 26 B. T.
 An oak, 8 ins., in diam. brs. 520 1/4° W., 31 lks. dist. mkd. T. 2 N., R. 30 E., S. 27 B. T.
 An oak, 9 ins., in diam. brs. N. 78° W., 25 lks. dist. mkd. T. 2 N., R. 30 E., S. 22 B. T.
 Land rough mountains 73.75 chs.
 Bottom land 6.25 chs.
 Scattering oak, juniper and pinon timber. 73.75hs.
 Some oak underbrush.
 Dense oak, juniper and cedar timber 6.25 chs.
 Soil 2nd to 4th rate.

40.
 80.30
 X 40.15
 40.50
 43.05
 46.70
 47.76
 53.50
 54.55
 71.80
 80.30

N. 89° 56' E., on a random line bet. secs. 23 and 26, Set temp. 1/4 sec. cor.
 Fell 10 lks. S. of the cor. of secs. 23, 24, 25 and 26, thence I run, S. 89° 52' W., on a true line bet. secs. 23 and 26, along gentle slope of rough mountain through scattering timber.
 The point for 1/4 sec. cor., falls in Blue River 60 lks. wide, running stream south, I proceed to Set a malpais stone, 20 x 15 x 8 ins., 13 ins., in the ground for witness corner to the 1/4 sec. cor. marked W. C. 1/4 on the N. face, whence,
 A juniper, ^{INS. IN DIAM.} brs. N. 76 1/2° E., 90 lks. dist. mkd. 1/4 S., W. C. 23 B. T.
 A Cottonwood, 6 ins., in diam. brs. S. 40 1/2° W., 87 lks. dist. mkd. 1/4 S. 26 B. T. W. C.
 Road bears N. and S. from Clifton to Luna Valley.
 Fence of barbed wire brs. S. E. and N. W. and enter enclosure and bottom land.
 Fence bears N. E. and S. W. and leave enclosure and bottom land. Ascend.
 Bluff bears N. E. and S. W. 50 ft. high.
 A pt. on line, whence Moors house bears S. 50° E., 30 chs. dist.
 Ravine, 15 lks. wide, course S. and ascend.
 The cor. of secs. 22, 23, 26 and 27.
 Land rough mountains 78. chs.
 Bottom land 2 chs.
 Timber scattering cedar, pinon, oak and juniper. Dense 15 chs. scattering 65.30 chs.
 Some cottonwood and willow in River Bottom.
 Sept. 2nd, 1904.

Sept 3rd 1904.

16.00
 25.50
 39.00
 40.00

At the cor. of secs. 22, 23, 26 and 27, I set off 33° 30' N., on the lat. arc., and 7° 37' 00" N., on the decl arc and at 7h, 5m, a. m., 1. m. t., by my watch which has correct time, I determine a true meridian with the Solar, thence I run, N. 0° 01' W., on a true line bet. secs. 22 and 23. Ascending over rough mountains thro. scattering timber. Top of ridge bears E. and W. and descend.
 Dry creek, 20 lks. wide, course N. E. and ascend. Top of ridge bears E. and W. and descend.
 Set a malpais stone, 36 x 10 x 8 ins., 27 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence,
 A juniper, 9 ins., in diam. brs. S. 10 1/2° E., 16 lks. dist. mkd. 1/4 S. 23 B. T.
 A juniper, 5 ins., in diam. brs. N. 67° W., 58 lks. dist. mkd. 1/4 S. 22 B. T.
 Cross Raspberry Creek, 6 lks. wide, running water, course E. and ascend.

53.25

8.

Subdivisional lines in T. 2 N., R. 30 E. Continued.

64.40 Chs. 80.00	<p>Top of spur bears S. E. and N. W. and descend. 7110 Dry creek, 30 lks. wide, course S. E. and ascend. Set a malpais stone, 18 x 12 x 12 ins., 12 ins., in the ground for the cor. of secs. 14, 15, 22 and 23, marked with 3 grooves on the S. and 2 grooves on the E., edges, whence, A pinon, 14 ins., in diam. brs. N. 75° E., 104 lks. dist. mkd. T. 2 N., R. 30 E., S. 14 B. T. A pinon, 5 ins., in diam. brs. S. 55° E., 99 lks. dist. mkd. T. 2 N., R. 30 E., S. 23 B. T. A pinon, 9 ins., in diam. brs. S. 4 1/2° W., 102 lks. dist. mkd. T. 2 N., R. 30 E., S. 22 B. T. A pinon, 4 ins., in diam. brs. N. 53 1/2° W., 260 lks. dist. mkd. T. 2 N., R. 30 E., S. 15 B. T. Land rough and mountainous 80 chs. Soil rocky 2nd to 4th rate. Timber scattering cedar, oak pinon and juniper 80. chs.</p>
40. 80.24	<p style="text-align: center;">----- <i>Random</i> -----</p> <p>N. 89° 52' E., on a true line, bet. secs. 14 and 23, Set temp. 1/4 sec. cor. Fall 35 lks. N. of the cor. of secs. 13, 14, 23 and 24 thence I run, N. 89° 53' W., on a true line bet. secs. 14 and 23, Along gentle S. slope of rough mountains, through scattering timber.</p>
24.50 26.24	<p>Enter low bottom land. Cross Blue River, running stream 45 lks. wide, course Southerly.</p>
31.14 33.49 40.12	<p>Cross road bears N. and S., from Clifton to Luna Valley. Leave bottom land and ascend. Set a malpais stone, 30 x 14 x 10 ins., 22 ins., in the ground for 1/4 sec. cor marked 1/4 on the N. face, whence, A juniper, 14 ins., in diam. brs. S. 12 1/4° W., 43 lks. dist. marked 1/4 S., 23 B. T. A pine, 11 ins., in diam. brs. N. 63 1/2° W., 93 lks. dist. mkd. 1/4 S. 14 B. T.</p>
52.50 59.95 77.24 80.24	<p>Top of ridge bears S. E. and N. W. Gully, 10 lks. wide, course S. and ascend. Top of spur bears N. and S. and descend. The cor. of secs. 14, 15, 22 and 23. Land rough mts. 71.01, Bottom land 8.99 chs. Dense River timber and underbrush 8.99 chs. Scattering pine, pinon, oak and juniper 71.01 chs. Soil 1st rate in bott, 4th rate on mt.</p>
6.00 16.25 19.04 25.15 28.60 39.85	<p>Ø. 0° 01' W., on a true line bet. secs. 14 and 15. Ascending over rough mountains thro. scattering timber. Top of ridge bears S. E. and N. W. and descend. Gully, 10 lks. wide, course N. E. and ascend. Top of spur bears N. E. and S. W. and descend. Gully, 10 lks. wide, course N. E. and ascend. Top of spur bears N. E. and S. W. and descend. Cross Mc Kittrick Creek, running stream 2 lks. wide, course S. E.</p>
40.	<p>Set a malpais stone, 18 x 10 x 10 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, An oak, 17 ins., in diam. brs. N. 50° E., 52 lks. dist. mkd. 1/4 S. 14 B. T. An oak, 9 ins., in diam. brs. N. 22° W., 9 lks. dist. mkd. 1/4 S. 15 B. T.</p>
42.00 74.00 80.	<p>Gully, 10 lks. wide, course S. W. and ascend. Top of ridge bears E. and W. and descend. Set a malpais stone, 28 x 14 x 12 ins., 21 ins., in the ground for the cor. of secs. 10, 11, 14 and 15,</p>

9.

Subdivisional lines in T. 2 N., R. 30 E., Continued.

marked with 4 grooves on the S. and 2 grooves on the E. edges, whence,

An oak, 6 ins., in diam. brs. N. $26\frac{1}{4}^{\circ}$ E., 61 lks. dist. mkd. T. 2 N., R. 30 E., S. 11 B. T.

A pinon, 6 ins., in diam. brs. S. $27\frac{1}{2}^{\circ}$ E., 208 lks. dist. mkd. T. 2 N., R. 30 E., S. 14 B. T.

A pinon, 7 ins., in diam. brs. S. $33\frac{1}{2}^{\circ}$ W., 168 lks. dist. mkd. T. 2 N., R. 30 E., S. 15 B. T.

A pinon, 13 ins., in diam. brs. N. $74\frac{1}{4}^{\circ}$ W., 183 lks. dist. mkd. T. 2 N., R. 30 E., S. 10 B. T.

Land rough and mountainous 80. chs.

Timber ~~scattering~~ pinon, cedar oak and juniper 80. Soil, rocky and 4th rate.

40.
80.36

S. $89^{\circ} 53' \frac{E.}{W.}$, on a random line bet. secs. 11 and 14. Set temp. $\frac{1}{4}$ sec. cor.

Fall ~~5~~ lks. S. of the Cor. of secs. 11, 12, 13 and 14, thence I run S. $89^{\circ} 53' W.$, on a true line bet. secs. 11 and 14.

Over rough mountains thro. scattering timber.

2.21

Dry creek, 35 lks. wide, course N.W. and ascend.

4.04

Top of ridge bears S. E. and N. W. and descend.

11.06

Cross Blue River 50 lks. wide, running water, course S. and thence over bottom land through River timber dense of cottonwood willow and hackberry.

14.00

Fence N. E. and S. W. Wire.

15.71

Wagon road, Clifton to Luna N. and S.

17.36

Leave bottom land and ascend Mountain side.

21.50

Top of mountain spr and descend.

29.00

Dry creek, 20 lks. wide, course E. and ascend.

40.18

Set a malpais stone, 30 x 22 x 15 ins., ~~32~~ ins., in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on the N. face, whence,

A juniper, 5 ins., in diam. brs. N. $18\frac{1}{2}^{\circ}$ E., 192 lks. dist. mkd. $\frac{1}{4}$ S. 11 B. T.

A juniper, 12 ins., in diam. brs. S. $1\frac{1}{2}^{\circ}$ W., 417 lks. dist. mkd. $\frac{1}{4}$ S. 14 B. T.

Over mountain slope.

80.36

The cor. of secs. 10, 11, 14 and 15.

Land rough mountains 74.06 chs. Bottom land 6.30

chs. Dense River timber and underbrush 6.30 chs.

Scattering pinon, juniper and cedar timber 74.06

chs.

Sept. 3rd, 1904.

I discontinue the survey of the second range of section in this tp. at this cor. as it was not necessary to carry it further north, or survey the balance of the Tp. west, in order to embrace all the agricultuaral and grazing lands lying along or within the Canon of the Blue River or the claims of any settlers resident thereupon.

The Unsurveyed portion of the Tp. is rough and mountainous traversed with high and rough mountains and deep canons and ravines which ultimately reach the Canon of the Blue River. *Moor's house is located in sec. 26.*

John D. Hesse
U. S. Deputy Surveyor.

Subdivisions of T. 2 N., R. 30 E., Concluded.

LIST OF NAMES.

BOOK 1882

A list of the names of the individuals employed by John F. Hesse

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the subdivision lines of Twp 2 N. Rg. 30 E. showing the respective capacities in which they acted:

George W. Cassidy, Chairman.

A. A. Snyder, Chairman.

....., Moundman.

....., Moundman.

W. W. Oliver, Axman.

G. E. Wiswell, Axman.

W. H. Post, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John F. Hesse

....., United States Deputy Surveyor, in surveying all those parts or portions of the subdivision lines of Twp. 2 N. Rg. 30 E.

..... of the Gila Salt River meridian, Territory of Arizona, which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for Arizona.

George W. Cassidy, Chairman.

A. A. Snyder, Chairman.

....., Moundman.

....., Moundman.

W. W. Oliver, Axman.

G. E. Wiswell, Axman.

W. H. Post, Flagman.

Subscribed and sworn to before me this 3rd day of September, 1894



John F. Hesse
U. S. Dep. Surveyor

36
11
BOOK 1882

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John P. Hesse United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Ingalls United States Surveyor General for Arizona, bearing date of the 17 day of August, 1894, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Arizona, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision lines of T. 2 N. R. 30 E.

of the Gila and Salt River meridian, in the Territory of Arizona, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

John P. Hesse
United States Deputy Surveyor.

Subscribed by said John P. Hesse and sworn to before me }
this 17th day of Aug, 1894 }

Frank S. Ingalls
U. S. Sur. Genl.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A. T., April 21, 1895

The foregoing field notes of the survey of the Subdivisional lines of T. 2 N. R. 30 E. of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

executed by John P. Hesse under his contract No. 121, dated June 17, 1904, 1894, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank S. Ingalls
United States 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.~~

~~United States Surveyor General.~~