

1881

BOOK 1881

Book "D"

FIELD NOTES

OF THE SURVEY OF THE

*Subdivision lines of Township 2 North
Range 31 East.*

1881

1881

Of the *Gila and Salt River* Meridian,

Territory of Arizona

AS SURVEYED BY

John P. Hesse, United States Deputy Surveyor,

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

Survey commenced *Sept. 12-*, *1904*

Survey completed *Sept. 12-*, *1904*

NAMES AND DUTIES OF ASSISTANTS.

George W. Cassidy	Chairman
U. A. Snyder	Chairman
W. W. Oliver	Uxman
G. E. Wiswell	Uxman
W. N. Fort	Flagman

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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 Twp. 2 N. Rg. 31 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. Dep. 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 Twp. 2 N. Rg. 31 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. Dep. Surveyor

I, W. H. Post, 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 Twp. 2 N. Rg. 31 E.

W. H. Post, Flagman.

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



John F. Hesse
U. S. Dep. Surveyor

No notary available

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1. Subdivisional lines in Tp. 2 N., R. 31 E., Arizona.

Chs.	Section 31, only.
	<p>As the instrument was only recently examined and the a. m., and p. m., meridian defined by the solar; checked, and described in detail in book of boundaries of T. 2 N., R. 31 E., and the subdivisional lines herewith consisting of two miles, only, I deemed it unnecessary to again recheck the instrument.</p> <p>Survey commenced Sept. 12th, 1904, at the cor. of Secs. 31 and 32 on the S. boundary of Tp. 2 N., R. 31 E., at 8 hours, 10 minutes, a. m., l. m. t., I set off 33° 28' N., on the lat. arc and 4° 12½' N., on the decl. arc and determine a true meridian with the Solar, thence I run, N. 0° 03' W., on a true line bet. secs. 31 and 32.</p> <p>Over rough mountains through heavy timber.</p>
33.00	Ravine, 15 lks. wide, course S. W. and ascend.
36.00	Gully, 10 lks. wide, course S. E.
40.00	Set a malpais stone, 20 x 14 x 10 ins., 15 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence,
	A pinon, 12 ins., in diam. brs. N. 79 3/4° E., 56 lks. dist. mkd. 1/4 S. 37 B. T.
	A pinon, 15 ins., in diam. brs. S. 20° W., 37 lks. dist. mkd. 1/4 S. 31 B. T.
65.00	Top of ridge bears N. E. and S. W. and descend.
80.00	Set a malpais stone, 22 x 12 x 10 ins., 16½ ins., in the ground for the cor. of secs. 29, 30 31 and 32, marked with 1 groove on the S. and 5 grooves on the E. edges, whence,
	A pinon, 5 ins., in diam. brs. N. 61° E., 82 lks. dist. mkd. T. 2 N., R. 31 E., S. 29 B. T.
	A pinon, 7 ins., in diam. brs. S. 23 1/2° E., 10, lks. dist. mkd. T. 2 N., R. 31 E., S. 32 B. T.
	A pinon, 17 ins., in diam. brs. S. 3° W., 35 lks. dist. mkd. T. 2 N., R. 31 E., S. 31 B. T.
	A pinon, 12 ins., in diam. brs. N. 30° W., 38 lks. dist. mkd. T. 2 N., R. 31 E., S. 30 B. T.
	Land rough and broken mountains 80. chs.
	Soil, rocky and 4th rate.
	Timber, heavy cedar, oak, juniper and pinon.

40.	S. 89° 50' W., on a random line, bet. secs. 30 and 31.
80.76	Set temp. 1/4 sec. cor.
	Intersect the west boundary of the Tp. at 7 lks. N. of the cor. of secs. 25, 30, 31 and 36, as heretofore established and described by me, thence I run,
	N. 89° 47' E., on a true line, bet. secs. 30 and 31, over rough mountains through heavy timber of pine, juniper and cedar.
2.05	Dry creek, 40 lks. wide, course S. W. and ascend.
40.76	Mark a cross (X) at exact cor. point, on a limestone rock in place, 3 x 5 x 2 ft. above ground, for 1/4 sec. cor. and 1/4 N. of cross, whence,
	A juniper, 5 ins., in diam. brs. N. 48° E., 56 lks. dist. mkd. 1/4 S. 30 B. T.
	A Cedar, 3 ins., in diam. brs. S. 3 1/2° W., 53 lks. dist. mkd. 1/4 S. 31 B. T.
43.00	Ravine, 30 lks. wide, course S. W. and ascend.
52.76	Top of spur bears N. E. and S. W. and descend.
69.60	Dry creek, 75 lks. wide, course S. W. and ascend.
79.70	Gully, 10 lks. wide, course S. W. and ascend.
80.76	The cor. of secs. 29, 30, 31 and 32.
	Land rough mountains 80.76 chains.
	Soil rocky and 4th rate.
	Timber, pinon, juniper, pine and cedar dense 80.76 chs.
	Some scrub cedar and oak underbrush.
	Sept. 12th 1904.

2. Subdivisional lines in T. 2 N., R. 31 E., Continued.

At the 1/4 sec. cor. bet. secs. 30 and 31, T. 2 N., R. 31 E., just previously described on page 1, at 12 o'clock noon, l. m. t., I set off $4^{\circ} 8' N.$, on the decl. arc and observe the Sun on the meridian, the resulting latitude is $33^{\circ} 29' N.$

The subdivisional lines in this township, outside of the lines herewith described were not run, owing to the extreme roughness of the country as well as to the fact that the further subdividing of this township was not necessary to properly include all the agricultural and grazing lands lying along or within the Canon of the Blue River or to properly include the claim of any settler residing within the Canon.

General Description.

Tp. 2 N., R. 31 E., is rough and mountainous and only fit for grazing purposes.

The township is covered with a good growth of pine, pinon, juniper and cedar timber.

There are no settlers in this township.

John D. Nesse
U. S. Deputy Surveyor.

Sept. 12th, 1904.

LIST OF NAMES.

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

....., 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, Chainman.

A. A. Snyder, Chainman.

....., Moundman.

....., Moundman.

W. W. Oliver, Axman.

G. E. Wiswell, Axman.

W. H. Fort, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John F. Nessel

....., United States Deputy Surveyor, in surveying all those parts or portions of the the subdivision lines of Twp. 2 N. Rg. 31 E.

..... of the Gila and 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, Chainman.

A. A. Snyder, Chainman.

....., Moundman.

....., Moundman.

W. W. Oliver, Axman.

G. E. Wiswell, Axman.

W. H. Fort, Flagman.

Subscribed and sworn to before me this 12th day of September, 1804.

John F. Nessel
U. S. Dep. Surveyor



No notary available

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John F. 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 June, 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 Pp. 2 N. Rg. 31 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 F. Hesse
United States Deputy Surveyor.

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

Frank S. Ingalls
U.S. Sur Genl.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, Mar. 22nd, 1895.

The foregoing field notes of the survey of subdivisional lines of tract 7 2 N R 21 E, of the Gila and Salt River Base and Meridian, in the territory of Arizona

executed by John F. Hesse, U.S. Deputy Surveyor 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.