

1865
Book "E"

BOOK 1865

FIELD NOTES

OF THE SURVEY OF THE

A PORTION OF

THE SUBDIVISIONAL LINES OF T. 31 N., R. 10 E.

1865

1865

Of the Gila and Salt River Base & Meridian,

AS SURVEYED BY

PHILIP CONTZEN, United States Deputy Surveyor,

Under his Contract No. 124, dated Dec. 12, 1904., 189

Survey commenced June 1st, 1905., 189

Survey completed June 1st, 1905., 189

<i>W. S. Kengle,</i>	<i>chainman</i>
<i>Fred Tague,</i>	<i>chainman</i>
<i>Arthur Poque,</i>	<i>moundman</i>
<i>Manuel Salazar,</i>	<i>axeman</i>
<i>G. A. Hawley,</i>	<i>flagman</i>

BOOK 1865

INDEX DIAGRAM.

Township 31 N., Range 10 E.

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PRELIMINARY OATHS OF ASSISTANTS.

WE, W. S. Keugla and Fred Tagles
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 subdivisional lines of T. 31 N. R. 10 E
W. S. Keugla, Chainman.
Fred Tagles, Chainman.

Subscribed and sworn to before me this 20th
day of March, 1895 }
W. G. Power



WE, Arthur Pogue 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

the subdivisional lines of T. 31 N. R. 10 E
Arthur Pogue, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 20th
day of March, 1895 }
W. G. Power



WE, Manuel Salazar
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 subdivisional lines of T. 31 N. R. 10 E
Manuel Salazar, Axman.
_____, Axman.

Subscribed and sworn to before me this 20th
day of March, 1895 }
W. G. Power



I, G. A. Hawley, 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 subdivisional lines of T. 31 N. R. 10 E
G. A. Hawley, Flagman.

Subscribed and sworn to before me this 20th
day of March, 1895 }
W. G. Power



Chs.	<p>At the urgent request of certain settlers who have some cultivated land in sec. 1 and 2, Tp. 31 N., R. 10 E., and the same being the only agricultural land in said township. I survey enough lines to include the agricultural lands. Not having authority for the survey of this township, or lines within the same, I hereby submit the same for the favorable consideration of the Hon. Commissioner of the General Land Office and the Surveyor-General for Arizona.</p> <p>Survey commenced June 1st, 1905, and executed with a Young and Son's Light Mountain Transit, with Solar attachment, No. 5607. The same instrument used in the survey of the balance of the surveys so far executed under my Contract No. 24.</p> <p>I examine the adjustments of the instrument, and find them satisfactory.</p> <p>June 1st, 1905. At the cor. to secs. 1, 6, 7 and 12, on the East boundary of the Tp. At 7 hours, 32 minutes, a. m., l. m. t., I set off 36° 07' N., on the Lat. arc; 22° 02' N., on the Decl arc, and determine a meridian with the Solar; thence I run, WEST, (Mag. Decl. 14° 28' E), on a true line, bet. secs. 1 and 12.</p>
18.45	Over mountainous land descending.
21.58	Descend abruptly, 30 ft.
28.00	Descend abruptly, 80 ft. Spring branch in deep, gulch, 10 lks. wide, course northerly and ascend.
37.00	Top of bank and ascend.
40.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. mkd. 1/4 on the N. face; dig pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of the corner.
45.00	Top of ridge bears northerly and southerly, and descend.
58.75	Begin steep descent.
60.00	Foot, and ascend.
62.70	Top, brs. northwesterly and southeasterly.
78.80	Begin steep descent of the S. bank of Moencopie Wash, brs. northeasterly and southwesterly.
80.00	Set a limestone, 20 x 7 x 5 ins., 15 ins., in the ground for the cor. to secs. 1, 2, 11 and 12, mkd. with 5 notches on the S. and 1 on the E. edges; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner.
	Land mountainous and level. Soil sandy and rocky; 4th rate. No timber.
	Mountainous land; 64.00 chs.
40.	N. 0° 01' W., on a random line, bet. secs. 1 and 2. Set temp. 1/4 sec. cor.
79.90	Intersect the N. boundary of the Tp. at the cor. to secs. 1, 2, 35 and 36, as heretofore described. Thence I run,
	S. 0° 01' E., on a true line, bet. secs. 1 and 2. Over level land.
20.30	Road brs. N. easterly and S. westerly.
31.50	Wire fence bears easterly and westerly.
38.70	Begin descent over low ridges.
39.90	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. mkd. 1/4 on the W. face; dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3 ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of the corner.
43.15	Foot of descent. Irrigating ditch, 10 lks. wide, course westerly and enter alfalfa field.
57.57	Irrigating ditch, 10 lks. wide, course westerly and

Chs.
59.50
60.55
72.80
79.90

leave alfalfa field.
Right bank of Mencopie Wash, 25 ft. high, bears east-
erly and westerly.
Left bank of Moencopie Wash.
Leave Moencopie Canon, and begin steep ascent of S
bank.
The cor. of secs. 1, 2, 11 and 12.
Land level and mountainous.
Soil sandy loam; rocky and gravelly; 3rd and 4th rate.
No timber.
Mountainous land, 11.45 chs.

40.00

WEST, on a true line, bet. secs. 2 and 11.
Along the South bank of Moencopie Canon.
Descending over sandstone boulders.
Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in
the ground for 1/4 sec. cor. mkd. 1/4 on the N. face;
and raise a mound of stones, 2 ft. base, 1 1/2 ft.
high, N. of the corner. Pits impracticable.
At this point I discontinue the line owing to
high bluffs and deep canons.
Land mountainous.
Soil rocky and 4th rate.
No timber.
Mountainous land 40. chs.

June 1st, 1905.

x

General Description.

This township is sandy and rock desert, traversed
by sandstone ledges and high bluffs and cut by many
deep canons and gulches.

The only settlers living on the township are in
sections 1 and 2. The only agricultural land lying
in the township is embraced in these two secs.

Philip Coulter
U. S. Deputy Surveyor.

x At this Cor. I set off 22° 3' N. on the decl. arc,
and observe the sun on the meridian at noon; the re-
sulting lat. is 36° 7' N. ✓

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen
....., 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
subdivisional lines of T. 31 N. R. 10 E
showing the respective capacities in which they acted:

W. S. Kengla, Chainman.

Fred Tagler, Chainman.

Arthur Pogue, Moundman.

Manuel Salazar, Axman.

G. A. Hawley, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Philip Contzen
....., United States Deputy Surveyor, in surveying all

those parts or portions of the subdivisional lines of
T. 31 N. R. 10 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

W. S. Kengla, Chainman.

Fred Tagler, Chainman.

Arthur Pogue, Moundman.

Manuel Salazar, Axman.

G. A. Hawley, Flagman.

Subscribed and sworn to before me this 10th
day of June, 1895

H. G. Power



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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Philip Coutzen, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Frank S. Sugalls United States Surveyor General for Arizona, bearing date of the 12th day of December, 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 subdivisional lines of T. 31 N. R. 10 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.

Philip Coutzen
United States Deputy Surveyor.

Subscribed by said Philip Coutzen, and sworn to before me }
this 16th day of June, 1895

Frank S. Sugalls
U. S. Surveyor General
for Arizona



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A. T., July 26th 1905

The foregoing field notes of the survey of the subdivisional lines of T. 31 N., R. 10 E., of the Gila and Salt River Base and Meridian, in the territory of Arizona

executed by Philip Coutzen U. S. deputy surveyor under his contract No. 124, dated December 12th 1904, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank Sugalls
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.~~