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1862

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BOOK 1862

FIELD NOTES

OF THE SURVEY OF THE

Of the subdivisional lines of Tp. 33 N., R. 10 E.

1862

1862

Of the Gila and Salt River B. & M. Ariz. ~~Mexican~~

AS SURVEYED BY

Philip contzen, United States Deputy Surveyor,

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

Survey commenced May 5th, 1905, 189

Survey completed May 15th, 1905, 189

NAMES AND DUTIES OF ASSISTANTS.

William S. Keugler,	chairman
Fred Tagles,	chairman
Arthur Pogue,	roundman
Mansel Salazar,	axeman
George A. Hawley,	flagman

BOOK 1862

INDEX DIAGRAM.

Township 23 N., Range 10 E.

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19		18		13		10		6		3
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PRELIMINARY OATHS OF ASSISTANTS.

WE, W. S. Kengla 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. 33 N. R. 10 E

W. S. Kengla, Chainman.
Fred Tagles, Chainman.

Subscribed and sworn to before me this 20th
day of March, 1895

H. 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. 33 N. R. 10 E

Arthur Pogue, Moundman.
Arthur Pogue, Moundman.

Subscribed and sworn to before me this 20th
day of March, 1895

H. G. Power



WE, Manuel Salazar and
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. 33 N. R. 10 E

Manuel Salazar, Axman.
Manuel Salazar, Axman.

Subscribed and sworn to before me this 20th
day of March, 1895

H. G. Power



I, George 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. 33 N. R. 10 E

G. A. Hawley, Flagman.

Subscribed and sworn to before me this 20th
day of March, 1895

H. G. Power



Chs.

Survey commenced May 5th, 1905- and executed with a Young and Sons Light Mountain transit, with Solar attachment, No. 5607 The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the verniers of the declination arc and latitude arc.

The instrument was examined, tested on the meridian at Phoenix, Arizona, and duly approved.

I examine the adjustments of the transit, and correct the level and collimation errors; then to test the Solar apparatus by comparing its indications, resulting from Solar observations made during a. m. and p. m. hours, with a meridian determined by observations on Polaris, I proceed as follows-

May 5th, 1905.- At the Standard Cor. to secs. 35 and 36 of Tp. 33 N., R. 10 E., heretofore established and described by me, I set off 36° 13' N., on the lat. arc; 16° 18' N., on the decl. arc, and at 4 hours, 34 minutes, p. m., l. m. t., determine with the solar a meridian; and mark a point thereof on a stone firmly set in the ground, 5 chs. N. of my station.

May 5th, 1905.

May 6th, 1905. At 4 hours, 26 minutes, a. m., l. m. t. I observe Polaris at Eastern elongation, in accordance with the Manual of Instructions, and mark a point on the line thus determined on a plu driven in the ground 5 chs. N. of my station.

At 6 hours, 30 minutes, a. m., l. m. t., I lay off the azimuth of Polaris 1° 29' to the W., and mark the meridian thus determined, by cutting a small groove in the stone set yesterday, on which the meridian falls .21 ins., west of the mark determined by the Solar.

At 7 hours, 32 minutes, a. m., l. m. t., I set off 16° 28' 1/2' N., on the decl. arc, 36° 13' N., on the latitude arc and determine a meridian with the solar, and mark a point thereof by a cross on the stone already set, 5 chs. N. of my station; this mark falls 0.3 ins., west of the meridian established by the Polaris observation.

From the above results I conclude that the adjustments of the instrument are satisfactory.

The Magnetic bearing of the meridian, at 8 a. m. is 14° 43' E.,

I begin at the Standard Cor. of secs. 35 and 36, Tp. 33 N., R. 10 E. Thence I run,

N. 0° 01' W., on a true line bet. secs., 35 and 36. Over rolling sand.

1.50
40.00

Wood road bears N. W. and S. E. Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.

80.00

Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for the corner to secs., 25, 26, 35 and 36, marked with 1 notch on the S. and E. edges; whence

A cedar, 10 ins., in diam. brs. N. 62 1/2° W., 283 lks. dist. mkd. T 33 N R 10 E S 26° B T; no other trees within limits; dig pits, 18 x 18 x 12 ins., in secs. 25, 35 and 36, 5 1/2 ft. dist., and raise a md. of earth, 4 ft. base, 2 ft. high, W. of the cor.

Land rolling. Soil sandy; 4th rate.

Timber, scattering cedar; undergrowth sage.

Chs.	EAST, on a random line bet. secs. 25 and 36.
40.00	Set temp. 1/4 sec. cor.
80.14	Intersect the E. boundary of the Tp., 9 lks. N. of the corner of secs. 25, 30, 31 and 36, as heretofore described.
	Thence I run,
	N. 89° 56' W., on a true line bet. secs. 25 and 36.
	Over rolling sand.
40.07	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
80.14	The corner to sections 25, 26, 35 and 36.
	Land rolling.
	Soil sandy; 4th rate.
	No timber.
	Undergrowth sage brush; 80.14 chs.
	<hr/>
	N. 0° 01' W., bet. secs. 25 and 36.
	Over rolling sand.
	Through sage brush.
40.00	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground, for 1/4 sec. cor. marked 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.
70.00	Leave sage brush bears easterly and westerly.
80.00	Set a limestone, 18 x 6 x 5 1/2 ins., 12 ins., in the ground for the corner to secs., 23, 24, 25 and 26, marked with 2 notches on the S. and 1 notch on the E. edges; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 1/2 ft. base, 2 1/2 ft. high, W. of the cor.
	Land rolling.
	Soil sandy and rocky; 4th rate.
	No timber; undergrowth sage.
	<hr/>
	S. 89° 56' E., on a random line bet. secs. 24 and 25.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect the E. boundary of the Tp., 5 lks. S. of the corner to sections 19, 24, 25 and 30, as heretofore described; thence I run,
	N. 89° 58' W., on a true line bet. secs., 24 and 25.
	Over rolling sand.
	Through sage brush.
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. N. of the corner. Pits impracticable.
60.75	Leave brush and over close ridges of sandstone.
80.00	The corner of secs. 23, 24, 25 and 26.
	Land rolling and mountainous.
	Soil, sandy and rocky; 4th rate.
	No timber.
	Undergrowth sage brush.
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	N. 0° 01' W., bet. secs. 23 and 24.
	Over rolling sand and sandstone.
40.00	Set a limestone, 18 x 8 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, N. of the Cor. Pits impracticable.
80.00	Set a limestone, 20 x 7 x 5 ins., 15 ins., in the ground for the corner to secs., 13, 14, 23 and 24, marked with 3 notches on the S. and 1 on the E. edges; dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft.

The Subdivisional lines of T. 33 N., R. 10 E.
(Continued).

(3)

Chs.

high, W. of the corner.
Land rolling.
Soil sandy and rocky; 4th rate.
No timber.

40.00
80.00

S. 89° 58' E., on a random line, bet. secs. 13 and 24.
Set temp. 1/4 sec. cor.
Intersect the E. bdy. of the Tp., 5 lks. S. of the
cor. of secs. 13, 18, 19 and 24, as heretofore describ-
ed.
Thence I run,
West on a true line bet. secs. 13 and 24.
Over rolling sand.

40.00

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the
ground for 1/4 sec. cor. marked 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.

80.00

The corner of secs. 13, 14, 23 and 24.
Land rolling!
Soil sandy and 4th rate.
No timber.

N. 0° 01' W., bet. secs. 13 and 14.
Over rolling sand.

40.00

Set a limestone, 18 x 6 1/2 x 5 ins., 12 ins., in the
ground for 1/4 sec. cor. marked 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.

80.00

Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in
the ground for the corner to sections 11, 12, 13 and
14, marked with 4 notches on the S. and 1 on the
E. edges; dig pits, 18 x 18 x 12 ins., in each sec.
5 1/2 ft. dist. and raise a mound of earth, 4 ft.
base, 2 ft. high, W. of the corner.
Land rolling.
Soil sandy and 4th rate.
No timber.

East, on a random line bet. secs. 12 and 13.
Set temp. 1/4 sec. cor.

40.
79.94

Intersect the E. bdy. of the Tp. 10 lks. N. of the
cor. to secs. 7, 12, 13 and 18, as heretofore described;
Thence I run,
N. 89° 56' W., on a true line bet. secs. 12 and 13.
Over rolling sand.

39.97

Through dense sage.
Set a limestone, 18 x 6 x 5 ins., 12 ins., in the
ground for 1/4 sec. cor. marked 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 cor.

55.00
70.00
89.94

Leave brush and enter rolling sandstone.
Leave sandstone and enter sage brush.
The cor. to secs. 11, 12, 13 and 14.
Land rolling.
Soil sandy and rocky; 4th rate.
No timber; undergrowth sage brush. May 6th, 1905.

May. 7th, 1905, at the cor. just previously described,
at 7 hours, 35 minutes, a. m., l. m. t., I set off
16° 45' N., on the decl. arc; 36° 16' N., on the lat.
arc and determine a meridian with the Solar.

40.00

Thence I run,
N. 0° 01' W., on a true line bet. secs. 11 and 12.
Over rolling sand covered with sage brush.
Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground

(4) Subdivisional lines of T. 33 N., R. 10 E. (Continued).

Chs. 80.00	for 1/4 sec. cor marked 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.
80.00	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for the corner to secs. 1, 2, 11 and 12, marked with 5 notches on the S. and 1 notch on the E. edges; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner. Land rolling. Soil sandy and rocky; 4th rate. No timber; undergrowth sage brush.
40. 79.92	S. 89° 56' E., on a random line bet. secs. 1 and 12. Set temp. 1/4 sec. cor. Intersect the E. boundary of the Tp. 10 lks. S. of the corner to sections 1, 6, 7 and 12 as heretofore described. Thence I run,
39.96	WEST on a true line bet. secs. 1 and 12. Over rolling sand through sage brush.
79.92	Set a limestone, 17 x 6 x 5 ins., 11 ins., in the ground for 1/4 sec. cor. marked 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. The Cor. to secs. 1, 2, 11 and 12.
79.92	Land rolling. Soil sandy and 4th rate. No timber. Undergrowth sage brush 79.92 chs.
40.00 79.95	N. 0° 01' W., on a random line bet. secs. 1 and 2. Set temp. 1/4 sec. cor. Intersect the N. boundary of the Tp. 9 lks. E. of the corner of sections, 1, 2, 35 and 36 as heretofore described. Thence I run,
39.95	S. 0° 05' E., on a true line bet. secs. 1 and 2. Over rolling sand through sage brush.
79.95	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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. The cor. to secs. 1, 2, 11 and 12.
79.95	Land rollig. Soil sandy and 4th rate. No timber. Undergrowth sage brush.
May 7th, 1905.	
May 8th, 1905- At the cor. to secs. 34 and 35 on the South boundary of the Tp. as heretofore described, at 7 hours, 17 minutes, a. m., l. m. t., I set off 17° 02' N., on the decl arc; 36° 15' N., on the Lat. arc and determine a meridian with the Solar.	
40.00	Thence I run, N. 0° 01' W., on a random line, bet. secs. 34 and 35. Over rolling sand through sage brush.
51.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
80.00	Wagon road bears N. W. and S. E. Set a limestone, 20 x 7 x 4 1/2 ins., 15 ins., in the ground for the corner to secs. 26, 27, 34 and 35.

(5)

Subdivisional lines of Tp. 33 N., R. 10 E.

(Continued)

Chs. marked with 1 notch on the S. and 2 notches on the E. edges; dig pits, 18 x 18 x 12 ins., in each sec., 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner.
Land rolling.
Soil sandy and 4th rate.
No timber.
Undergrowth sage brush.

40. EAST, on a random line, bet. secs. 26 and 35.
80.04 Set temp. 1/4 sec. cor.
Intersect the N. and S. line, 10 lks. S. of the cor. of secs. 25, 26, 35 and 36, thence I run, S. 89° 56' W., on a true line bet. secs. 26 and 35.
Over rolling sand.
Through sage brush.

40.02 Set a limestone, 18 x 8 x 4 1/2 ins., 12 ins., in the ground for the 1/4 sec. cor. marked 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.
80.04 The corner to sections, 26, 27, 34 and 35.
Land rolling.
Soil sandy and 4th rate.
No timber.
Undergrowth sage.

40.00 N. 0° 01' W., bet. secs. 26 and 27,
Over rolling sand.
Through sage brush.
Set a limestone, 20 x 6 x 4 ins., 15 ins., in the ground for 1/4 sec. cor. marked 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 cor.

80.00 Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for the corner to secs. 22, 23, 26 and 27, marked with 2 notches on the S. and E. edges; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner.
Land rolling.
Soil sandy and 4th rate.
No timber.
Undergrowth sage brush; 80.00 chs.

40. N. 89° 56' E., on a random line, bet. secs. 23 and 26.
79.96 Set temp. 1/4 sec. cor.
Intersect the N. and S. line, 9 lks. N. of the corner to secs. 23, 24, 25 and 26; thence I run, WEST, on a true line, bet. secs. 23 and 26.
Over rolling sand; through sage brush.

39.98 Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground, for 1/4 sec. cor. marked 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.
79.96 The corner to secs. 22, 23, 26 and 27,
Land rolling.
Soil sandy and 4th rate.
No timber.
Undergrowth sage; 79.96 chs.

NOTE- At 12 O' Clock noon at this corner just described I set off 17° 04' N., and observe the Sun on the Meridian; the resulting latitude I found to be 36° 14' N.

(6)

Subdivisional lines of Tp. 33 N., R. 10 E.

(Continued)

Chs.	N. 0° 01' W., bet. secs. 22 and 23. Over rolling sand; through dense sage brush.
40.00	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; and raise a mound of stone, 2 ft. base, 1 1/3 ft. high, W. of the corner. Pits impracticable.
80.00	Set a limestone, 19 x 7 x 5 ins., 14 1/2 ins., in the ground for the corner to sections, 14, 15, 22 and 23, marked with 3 notches on the S. and 2 notches on the E. edges; dig pits, 18 x 18 x 12 ins., in each section 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner. Land rolling. Soil sandy and rocky; 4th rate. No timber. Undergrowth; sage 80.00 chs.

	EAST, on a random line bet. secs. 14 and 23.
40.	Set temp. 1/4 sec. cor.
80.04	Intersect the N. and S. line, 6 lks. S. of the cor. to secs. 13, 14, 23 and 24; thence I run, S. 89° 57' W., on a true line, bet. secs. 14 and 23. Over rolling sand.
40.02	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in ground for 1/4 sec. cor. marked 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.
80.04	The corner to secs. 14, 15, 22 and 23. Land rolling. Soil, sandy and 4th rate. No timber. Sage underbrush; 80.04 chs.

	N. 0° 01' W., bet. secs. 14 and 15.
8.00	Over rolling land through dense sage brush. Leave sage bears easterly and westerly.
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
80.00	Set a limestone, 20 x 7 1/2 x 5 ins., 15 ins., in the ground for the corner to secs., 10, 11, 14 and 15, marked with 4 notches on the S. and 2 notches on the E. edges; raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Land rolling. Soil sandy and 4th rate. No timber. Undergrowth; sage 80.00 chs.

	N. 89° 57' E., on a random line, bet. secs. 11 and 14.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect the N. and S. line at the corner to secs. 11, 12, 13 and 14; thence I run, S. 89° 57' W., on a true line bet. secs. 11 and 14. Over rolling sand through sage brush.
40.00	Set a limestone, 18 x 8 x 4 ins., 12 ins., in the ground, for 1/4 sec. cor. marked 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.
80.00	The corner to secs. 10, 11, 14 and 15. Land rolling, soil sandy and 4th rate. No timber. Undergrowth sage brush; 80.00 chs.

May 8th, 1905.

(7)

Subdivisional lines of Tp. 33 N., R. 10 E.

(Continued).

Chs.	At the corner just previously described on May 9th, 1905, at 7 hours, 36 minutes, a. m. l. m. t.; I set off 17° 18' N., on the decl. arc; and 36° 16' N. on the lat. arc and determine a meridian with the Solar.
	Thence I run,
	N. 0° 01' W., on a true line, bet. secs. 10 and 11.
	Over rolling sand through sage brush.
30.00	Leave sage brush bears E. and W.
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
62.00	Re-enter sage brush bears E. and W.
80.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for the corner to secs. 2, 3, 10 and 11, marked, with 5 notches on the S. and 2 notches on the E. edges; whence,
	A Cedar, 30 ins., in diam. brs. N. 29° W., 397 lks. dist. mkd. T 33 N R 10 E S 3 B T.; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner.
	Land rolling.
	Soil sandy and rocky; 4th rate.
	Timber scattering cedar.
	Undergrowth; sage brush.

40.00	N. 89° 57' E., on a random line, bet. secs. 2 and 11.
79.92	Set temp. 1/4 sec. cor.
	Intersect the N. and S. line, 6 lks. N. of the cor. to secs. 1, 2, 11 and 12; thence I run,
	WEST, on a true line, bet. secs. 2 and 11.
	Over rolling sand.
39.96	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
79.92	The corner to secs., 2, 3, 10 and 11.
	Land rolling.
	Soil sandy and 4th rate.
	No timber.

40.	N. 0° 01' W., on a random line bet. secs. 2 and 3.
80.00	Set temp. 1/4 sec. cor.
	Intersect the N. boundary of the Tp., at the corner to secs. 2, 3, 34 and 35, as heretofore established and described by me; thence I run,
	S. 0° 01' E., on a true line, bet. secs. 2 and 3.
	Over rolling sand through sage brush.
40.00	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
80.00	Cor. to secs. 2, 3 10 & 11.
	Soil sandy and 4th rate. Land rolling.
	No timber.
	Undergrowth; sage 80. chs.

May 9th, 1905.

Chs.	May 10th, 1905- At the corner to secs. 33 and 34 on the south boundary of the Tp. At 7 hours, 34 1/2 minutes, a. m., l. m. t., I set off 36° 13' N., on the Lat. arc; 17° 34' N., on the decl. arc and determine a meridian with the Solar; thence I run, N. 0° 02' W., bet. secs. 33 and 34. Over rolling sand through sage brush.
33.50	Wood road bears easterly and westerly.
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
80.00	Set a limestone, 20 x 7 1/2 x 5 ins., 15 ins., in the ground for the corner to secs. 27, 28, 33 and 34, marked with 1 notch on the S. and 3 notches on the E. edges; whence, A cedar, 24 ins., in diam. brs. N. 75 1/4° E., 120 lks. dist. mkd. T 33 N R 10 E S 27 B T.; no other trees within limits, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Land rolling. Soil sandy and rocky; 4th rate. Timber scattering cedar. Undergrowth sage brush.
40.	EAST, on a random line, bet. secs. 27 and 34. Set temp. 1/4 sec. cor.
80.00	Intersect the N. and S. line, at 18 lks. S. of the corner to secs. 26, 27, 34 and 35; thence I run, S. 89° 52' W., on a true line, bet. secs. 27 and 34. Over rolling sand through dense sage brush.
22.29	Wood road bears northwesterly and southeasterly.
40.00	Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for the 1/4 sec. cor. marked 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.
80.00	The corner to secs. 27, 28, 33 and 34. Land rolling. Soil sandy and 4th rate. No timber; undergrowth sage brush.
40.00	N. 0° 02' W., bet. secs. 27 and 28. Over rolling sand through sage brush. Set a limestone, 18 x 6 x 5 1/2 ins., 12 ins., in the ground for the 1/4 sec. cor. marked 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.
62.50	Wood road bears N. W. and S. E.
80.00	Set a limestone, 19 x 9 x 5 ins., 14 1/2 ins., in the ground, for the corner to secs. 21, 22, 27 and 28, marked with 2 notches on the S. and 3 notches on the E. edges; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner. Land rolling. Soil sandy and 4th rate. No timber. Undergrowth; sage brush.
40.	N. 89° 52' E., on a random line, bet. secs. 22 and 27. Set temp. 1/4 sec. cor.
79.96	Intersect the N. and S. line, 14 lks. N. of the cor. to secs. 22, 23, 26 and 27, thence I run, S. 89° 58' W., on a true line, bet. secs. 22 and 27.

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Subdivisional lines of T. 33 N., R. 10 E.

(Continued)

- Chs. 39.98
 Over rolling sand through sage brush.
 Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
- 79.96
 The corner to secs. 21, 22, 27 and 28.
 Land rolling.
 Soil sandy and 4th rate.
 No timber.
 Undergrowth: sage brush.

- 40.00
 N. 0° 02' W., bet. secs. 21 and 22.
 Over rolling sand through dense sage.
 Set a limestone, 20 x 6 x 4 1/2 ins., 15 ins., in the ground for 1/4 sec. cor. marked 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.
- 80.00
 Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for the corner to secs. 15, 16, 21 and 22, marked with 3 notches on the N. and S. edges; marked, T 33 N on the N E R 10 E on the S E, and dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the cor.
 Land rolling.
 Soil sandy and 4th rate.
 No timber.
 Undergrowth: sage brush.

- 40.06
 N. 89° 58' E., on a random line bet. secs. 15 and 22.
 Set temp. 1/4 sec. cor.
 Intersect the N. and S. line, 5 lks. N. of the cor. to secs. 14, 15, 22 and 23; thence I run, WEST, on a true line, bet. secs. 15 and 22.
- 40.03
 Over rolling sand through sage brush.
 Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
- 80.06
 The corner of secs. 15, 16, 21 and 22.
 Land rolling.
 Soil sandy and rocky; 3rd and 4th rate.
 No timber; undergrowth, sage brush.

- 40.00
 N. 0° 02' W., bet. secs. 15 and 16.
 Over rolling sand through sage brush.
 Set a limestone, 18 x 6 x 5 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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 cor.
- 80.00
 Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for the corner to secs. 9, 10, 15 and 16, marked with 4 notches on the S. and 3 notches on the E. edges; whence,
 A cedar, 36 ins., in diam. brs. S. 12° W., 100 lks. dist. mkd. T 33 N R 10 E., S 16 B T.
 No other trees within limits; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner.
 Land rolling.
 Soil sandy and 4th rate.
 Timber scattering cedar.
 Undergrowth: sage brush.

- Chs. EAST, on a random line, bet. secs. 10 and 15.
 40. Set temp. 1/4 sec. cor.
 80.06 Intersect the N. and S. line, 5 lks. S. of the cor. to secs. 10, 11, 14 and 15.
 Thence I run,
 S. 89° 58' W., on a true line, bet. secs. 10 and 15.
 Over rolling sand through sage brush.
- 40.03 Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
- 80.06 The corner to secs. 9, 10, 15 and 16.
 Land rolling.
 Soil sandy and 4th rate.
 No timber.
 Undergrowth; sage brush.
- May 10th, 1905.
-
- May 11th, 1905- At the corner previously described, at 7 hours, 35 minutes, a. m., 1. m. t., I set off 17° 50' N. on the decl. arc; 36° 17' N. on the lat arc and determine a meridian with the Solar.
 Thence I run,
 N. 0° 02' W., bet. secs. 9 and 10.
 Over rolling sand through sage brush.
- 40.00 Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dig pits, 18 x 18 x 12 ins., N. and S. of stone, 3ft. dist. and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, W. of the corner.
- 80.00 Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for the corner to secs. 3, 4, 9 and 10, marked with 5 notches on the S. and 3 notches, on the E. edges; dig pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner.
 Land rolling.
 Soil sandy and 4th rate.
 No timber.
 Undergrowth sage brush.
-
- N. 89° 58' E., on a random line bet. secs. 3 and 10.
 Over rolling land.
40. Set temp. 1/4 sec. cor.
 79.94 Intersect the N. and S. line, at 8 lks. S. of the corner to secs. 2, 3, 10 and 11.
 Thence I run,
 S. 89° 55' W., on a true line, bet. secs. 3 and 10.
 Over rolling land through sage brush.
- 39.97 Set a limestone, 18 x 6 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.
- 79.94 The corner to secs. 3, 4, 9 and 10.
 Land rolling.
 Soil sandy and 4th rate.
 No timber.
 Undergrowth sage brush.
-
- N. 0° 02' W., on a random line, bet. secs. 3 and 4.
 40. Set temp. 1/4 sec. cor.
 80.04 Intersect the N. bdy. of the Tp. at 1 1/4 lks. E. of the cor. to secs. 3, 4, 33 and 34; thence I run,
 S. 0° 08' E., on a true line, bet. secs. 3 and 4.
 Over rolling sand through sage brush.
- 40.04 Set a limestone, 18 x 6 x 5 1/2 ins., 12 ins., in the

(11)

Subdivisional lines of Tp. 33 N., R. 10 E.

(Continued).

<p>Chs.</p> <p>80.04</p> <p>6.00</p> <p>21.54</p> <p>24.00</p> <p>40.00</p> <p>80.00</p> <p>40.00</p> <p>79.90</p> <p>39.95</p> <p>79.90</p>	<p>ground for 1/4 sec. cor. marked 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 cor.</p> <p>The corner to secs. 3, 4, 9 and 10.</p> <p>Land rolling.</p> <p>Soil sandy and 4th rate.</p> <p>No timber.</p> <p>Undergrowth, sage brush; 80.04 chs.</p> <p>-----</p> <p>May 12th, 1905-- At the cor. to secs. 32 and 33, on the South bdy. of the Tp. I set off 35° 13' N., on the Lat arc; 18° 04' N., on the decl arc, and at 8 hours, 4 minutes, a. m., 1. m. t., determine a mer. with the Solar.</p> <p>Thence I run,</p> <p>N. 0° 03' W., bet. secs. 32 and 33.</p> <p>Over rolling sand.</p> <p>Through sage brush.</p> <p>Enter cedar timber bears easterly and westerly.</p> <p>Indian hut, bears 4 chs. W.</p> <p>Wood road bears easterly and westerly.</p> <p>Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; whence,</p> <p>A Cedar, 40 ins., in diam. brs. S. 46 1/2° W., 8 lks. dist. mkd. 1/4 S 32° B T. No other trees within limits; 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 cor.</p> <p>Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for the corner to secs. 28, 29, 32 and 33, marked with 1 notch on the S., and 4 notches on the E. edges; whence,</p> <p>A Cedar, 30 ins., in diam. brs. N. 9 3/4° E., 52 lks. dist. mkd. T 33 N., R 10 E S 28° B T.</p> <p>A cedar, 24 ins., in diam. brs. S. 43 3/4° E., 225 lks. dist. mkd. T 33 N R 10 E, S 33° B T.</p> <p>A cedar, 12 ins., in diam. brs. S. 15 3/4° W., 181 lks. dist. mkd. T 33 N R 10 E S 32° B T.</p> <p>A cedar, 12 ins., in diam. brs. N. 75° W., 121 lks. dist. mkd. T 33 N R 10 E S 29° B T.</p> <p>Land rolling.</p> <p>Soil sandy; 4th rate.</p> <p>Timber, cedar; Undergrowth sage brush.</p> <p>-----</p> <p>EAST, on a random line, bet. secs. 28 and 33.</p> <p>Set temp. 1/4 sec. cor.</p> <p>Intersect the N. and S. line, 12 lks. S. of the corner to secs. 27, 28, 33 and 34.</p> <p>Thence I run,</p> <p>S. 89° 55' W., on a true line, bet. secs. 28 and 33.</p> <p>Over rolling sand.</p> <p>Through sage brush.</p> <p>Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence,</p> <p>A cedar, 20 ins., in diam. brs. N. 82 1/4° E., 61 lks. dist. marked 1/4 S 28° B T.</p> <p>A cedar, 8 ins., in diam. brs. S. 40 1/2° W., 76 lks. dist. mkd. 1/4 S. 33° B T.</p> <p>The corner to secs. 28, 29, 32 and 33.</p> <p>Land rolling.</p> <p>Soil sandy, rocky and 4th rate.</p> <p>Timber cedar; undergrowth sage brush.</p> <p>-----</p> <p>N. 0° 03' W., on a true line bet. secs. 28 and 29.</p>	<p>May 11th, 1905.</p>
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Chs. 40.00	<p>Over rolling sand through sage brush. Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; whence, A cedar, 28 ins., in diam. brs. S. 28 1/2° E., 111 lks. dist. mkd. 1/4 S 28° B T. A cedar, 30 ins., in diam. brs. S. 62 1/4° W., 140 lks. dist. mkd. 1/4 S. 29° B T.</p>
80.00	<p>Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for the corner to secs. 20, 21, 28 and 29, marked with 2 notches on the S. and 4 notches on the E. edges; whence, A cedar, 24 ins., in diam. brs. N. 45° E., 5 lks. dist. mkd. T 33 N R 10 E S 21° B T. A cedar, 30 ins., in diam. brs. S. 58° E., 83 lks. dist. mkd. T 33 N R 10 E S 28° B T. A cedar, 36 ins., in diam. brs. S. 48 1/2° W., 136 lks. dist. mkd. T 33 N., R. 10, E., S 29° B T. No other trees within limits; dug pits, 18 x 18 x 12 ins., in each sec. 5 1/2 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of the corner. Land rolling. Soil sandy, 4th rate. Timber cedar. Undergrowth sage brush; 80.00 chs.</p>
40. 79.84	<p>N. 89° 55' E., on a random line, bet. secs. 21 and 28. Set temp. 1/4 sec. cor. Intersect the N. and S. line, 8 lks. S. of the cor. of secs. 21, 22, 27 and 28. Thence I run, S. 89° 52' W., on a true line, bet. secs. 21 and 28. Over rolling sand. Through sage brush.</p>
11.00 39.92	<p>Wood road bears N. W. and S. E. Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence, A cedar, 12 ins., in diam. brs. N. 16 1/2° E., 198 lks. dist. mkd. 1/4 S 21° B T.; no other trees within limits, and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of the cor., dig pits 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist.</p>
79.84	<p>The corner to sections 20, 21, 28 and 29. Land rolling. Soil sandy; 4th rate. Timber, cedar, undergrowth sage.</p>
40.00	<p>N. 0° 03' W., bet. secs. 20 and 21. Over rolling sand and sandstone. Through heavy cedar timber. Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, A cedar, 30 ins., in diam. brs. S. 52° E., 28 lks. dist. mkd. 1/4 S. 21° B T. A cedar, 18 ins., in diam. brs. S 61 1/4° W., 218 lks. dist. mkd. 1/4 S 20° B T.</p>
57.50 80.00	<p>Wood road bears N. W. and S. E. Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for the corner to secs. 16, 17, 20 and 21, marked with 3 notches on the S. and 4 notches on the E. edges, whence A cedar, 24 ins., in diam. brs. N. 56° E., 130 lks. dist. mkd. T 33 N R 10 E S 16° B T. A cedar, 30 ins., in diam. brs. S. 64° E., 125 lks. dist. mkd. T 33 N R 10 E S 21° B T. A cedar, 24 ins., in diam. brs. S. 25° W., 198 lks.</p>

	<p>Chs. dist. mkd. T 33 N R 10 E S 20 B T. A cedar, 18 ins., in diam. brs. N. 71 1/2° W., 50 lks. dist. mkd. T 33 N R 10 E S 17 B T. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar; undergrowth sage brush. Heavily timbered land 80. chs. NOTE- At the cor. just previously described, at 12 O'clock noon, I set off 18° 06' N., on the decl arc, and observe the Sun on the meridian; the resulting latitude is 36° 15 1/2' N.</p> <hr/> <p>N. 89° 52' E., on a random line, bet. secs. 16 and 21. 40.00 Set temp. 1/4 sec. cor. 80.02 Intersect the N. and S. line, 14 lks. N. of the cor. of secs. 15, 16, 21 and 22; thence I run, S. 89° 58' W., on a true line, bet. secs. 16 and 21. Over rolling sand and sandstone. 20.00 Enter heavy cedar timber bears northerly and southerly. 40.01 Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence, A cedar, 8 ins., in diam. brs. S. 34° W., 103 lks. dist. mkd. 1/4 S. 21 B. T; no other trees within limits, and dig pits, 18 x 18 x 12 ins., E. and W. of stone, and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of the corner. 80.02 The corner to secs. 16, 17, 20 and 21. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar; undergrowth sage. Heavily timbered land; 60.02 chs.</p> <hr/> <p>N. 0° 03' W., bet. secs. 16 and 17. Over rolling sand and sandstone. Through heavy cedar timber. 40.00 Set a limestone, 18 x 6 x 5 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; whence, A cedar, 16 ins., in diam. brs. N. 70° E., 75 lks. dist. mkd. 1/4 S., 16 B.T. A cedar, 30 ins., in diam. brs. N. 42 3/4° W., 150 lks. dist. mkd. 1/4 S 17 B T. 80.00 Set a limestone, 20 x 7 x 4 1/2 ins., 15 ins., in the ground for the corner to secs. 8, 9, 16 and 17, marked with 4 notches on the S. and E. edges, whence A cedar, 24 ins., in diam. brs. N. 81° E., 81 lks. dist. mkd. T 33 N., R. 10 E, S 9 B T. A cedar, 36 ins., in diam. brs. S. 72° E., 165 lks. dist. mkd. T 33 N., R 10 E S 16 B T. A cedar, 24 ins., in diam. brs. S. 9 1/2° W., 203 lks. dist. mkd. T 33 N R 10 E S 17 B T. A cedar, 24 ins., in diam. brs. N. 23 1/4° W., 169 lks. dist. mkd. T 33 N R 10 E S 8 B T. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar. Heavily timbered land 80. chs.</p> <hr/> <p>N. 89° 58' E., on a random line, bet. secs. 9 and 16. 40. Set temp. 1/4 sec. cor. 80.04 Intersect the N. and S. line, at 5 lks. S. of the cor. of secs. 9, 10, 15 and 16; thence I run, S. 89° 56' W., on a true line, bet. secs. 9 and 16. Over rolling sand and sandstone through sage brush. 20.00 Leave sage brush bears northerly and southerly. 30.00 Enter scattering cedar timber.</p>
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<p>Chs. 40.02 <i>R</i></p>	<p>Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of the corner. Pits impracticable.</p>
<p>60.00 80.04</p>	<p>Enter heavy cedar timber bears N. and S. The corner to secs. 8, 9, 16 and 17. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar; undergrowth sage brush. Heavily timbered land or land covered with dense undergrowth, 80.04 chs.</p>

<p>40.00</p>	<p>N. 0° 03' W., bet. secs. 8 and 9. Over rolling sand and sandstone, through heavy cedar timber. Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence, A cedar, 24 ins., in diam. brs. N. 83 1/4° W., 127 lks. dist. mkd. 1/4 S 9° B T. A cedar, 8 ins., in diam. brs. N. 82 1/4° W., 8 lks. dist. mkd. 1/4 S. 8° B T.</p>
<p>80.00</p>	<p>Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for the corner to secs. 4, 5, 8 and 9, marked with 5 notches on the S., and 4 notches on the E edges; whence A cedar, 10 ins., in diam brs. N 70 1/4° E., 57 lks. dist. mkd. T 33 N R 10 E S 4° B T. A cedar, 10 ins., in diam. brs. S 56 1/4° E., 86 lks. dist. mkd. T 33 N R 10 E S 9° B T. A cedar, 24 ins., in diam. brs. S. 7° W., 175 lks. dist. mkd. T 33 N R 10 E S 8° B T. A cedar, 30 ins., in diam. brs. N 72 1/4° W., 174 lks. dist. mkd. T 33 N., R. 10 E S 5° B T. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar. Heavily timbered land 80. chs.</p>

<p>40.00 80.20</p>	<p>N. 89° 56' E., on a random line bet. secs. 4 and 9. Set temp. 1/4 sec. cor. <i>2th. 20 of</i> Intersect N. and S. line <i>at</i> the corner to secs. 3, 4, 9 and 10; thence I run, S. 89° 57' W., on a true line, bet. secs. 4 and 9. Over rolling sand.</p>
<p>40.10</p>	<p>Set a limestone, 18 x 8 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.</p>
<p>45.00 80.20</p>	<p>Enter heavy cedar timber bears N. and S. The corner to secs. 4, 5, 8 and 9. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar. Heavily timbered land 35.20 chs.</p>

<p>40.00 80.10</p>	<p>N. 0° 03' W., on a random line bet. secs. 4 and 5. Set temp. 1/4 sec. cor. Intersect the north boundary of the Tp. at E. <i>at</i> the corner to secs. 4, 5, 32 and 33. Thence I run, S. 0° 03' E., on a true line bet. secs. 4 and 5. Over rolling land through heavy cedar timber.</p>
<p>40.10</p>	<p>Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in</p>

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Subdivisional lines of T. 33 N., R. 10 E.

(Continued).

Chs.

the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence

A cedar, 14 ins., in diam. brs. N. 39° E., 46 lks. dist. mkd. 1/4 S 4 B T. No other trees within limits; 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.

80.10

The corner to secs. 4, 5, 8 and 9.
Land rolling.
Soil sandy and 4th rate.
Timber cedar.
Heavily timbered land 80.10 chs.

May 12th, 1905.

May 13th, 1905- At the corner to secs. 31 and 32 on the south boundary of the Tp. at 7 hours, 34 minutes, a. m., l. m. t., I set off 36° 13' N on the lat. arc; 18° 20' N. on the decl arc and determine a meridian with the solar; thence I run, N. 0° 03' W., bet. secs. 31 and 32.

15.00

Over rolling land.
Begin descent along N. E. slope of Heward's Knoll.

40.00

Set a limestone, 18 x 6 1/2 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 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.

51.00

Wood road bears easterly and westerly.

65.00

Foot; thence over rolling sand.

76.00

Enter sage brush.

80.00

Set a limestone, 20 x 7 1/2 x 5 ins., 15 ins., in the ground for the cor. to secs. 29, 30, 31 and 32, marked with 1 notch on the S. and 5 notches on the E. edges; whence

A cedar, 30 ins., in diam. brs. N. 37 1/2° E., 100 lks. dist. mkd. T 33 N R 10 E S 29 B T.

A cedar, 36 ins., in diam. brs. S. 17° E., 18 lks. dist. mkd. T 33 N R 10 E S 32 B T.

A cedar, 36 ins., in diam. brs. S. 77° W., 100 lks. dist. mkd. T 33 N R 10 E S 31 B T.

A cedar, 15 ins., in diam. brs. N. 69° W., 9 lks. dist. mkd. T 33 N., R. 10 E S 30 B T.

Land mountainous and rolling.

Soil sandy and rocky; 4th rate.

Timber cedar; undergrowth sage brush.

Mts. or land covered with undergrowth 54.00 chs.

EAST, on a random line, bet. secs. 29 and 32.

40.00

Set temp. 1/4 sec. cor.

80.08

Intersect N. and S. line, 10 lks. N. of the cor. of secs. 28, 29, 32 and 33.

Thence I run,

N. 89° 56' W., on a true line, bet. secs. 29 and 32.

Over rolling sandstone.

40.04

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence

A cedar, 10 ins., in diam. brs. S. 72 1/2° W., 114 lks. dist. mkd. 1/4 S 32 B T.

A cedar, 12 ins., in diam. brs. N. 69° W., 145 lks. dist. mkd. 1/4 S 29 B T.

60.00

Leave sandstone and enter sage brush brs. N. and S.

80.08

The cor. to secs. 29, 30, 31 and 32.

Land rolling. Soil sandy and rocky; 4th rate.

Timber cedar; undergrowth sage brush.

WEST, on a random line, bet. secs. 30 and 31.

40.

Set temp. 1/4 sec. cor.

Chs. 79.95	Intersect the W. boundary of the Tp. at 10 lks. S. of the cor. to secs. 25, 30, 31 and 36., as heretofore described; thence I run, S. 89° 56' E., on a true line, bet. secs. 30 and 31. Over rolling land.
39.95	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence A cedar, 16 ins., in diam. brs. S. 52° W., 110 lks. dist. mkd. 1/4 S 31 B T. A cedar, 10 ins., in diam. brs. N. 8 1/4° W., 124 lks. dist. mkd. 1/4 S. 30 B T.
64.00	Enter sage brush bears northerly and southerly.
79.95	The corner to secs. 29, 30, 31 and 32. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar; undergrowth sage brush.
40.00	N. 0° 03' W., bet. secs. 29 and 30. Over rolling land through sage brush. Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; whence, A cedar, 10 ins., in diam. brs. S. 73 1/4° W., 116 lks. dist. mkd. 1/4 S 30 B T. A cedar, 36 ins., in diam. brs. S. 4 1/2° E., 80 lks. dist. mkd. 1/4 S 29 B T.
46.00	Leave sage brush bears easterly and westerly; thence over sandstone ridges.
80.00	Set a limestone, 18 x 7 x 5 1/2 ins., 12 ins., in the ground for the corner to secs. 19, 20, 29 and 30, marked with 2 notches on the S. and 5 notches on the E. edges, whence A cedar, 8 ins., in diam. brs. N. 8° E., 32 lks. dist. mkd. T 33 N R 10 E S 20 B T. A cedar, 44 ins., in diam. brs. S. 18° E., 272 lks. dist. mkd. T 33 N R 10 E S 29 B T. A cedar, 14 ins., in diam. brs. S 51 1/2° W., 18 lks. dist. mkd. T 33 N R 10 E S 30 B T. A cedar, 15 ins., in diam. brs. N 44 1/4° W., 50 lks. dist. mkd. T 33 N R 10 E S 19 B T. Land rolling and mountainous. Soil sandy and rocky; 4th rate. Timber cedar; undergrowth sage brush. Mts. or land covered with dense undergrowth 80.00 chs. May 13th, 05.
40. 80.04	May 14th, 1905- At the corner just previously described at 7 hours, 33 minutes, a. m., 1. m. t., I set off 18° 35' N., on the decl arc and 36° 14' N., on the lat. arc and determine a meridian with the Solar; thence I run, S. 89° 56' E., on a random line, bet. secs. 20 and 29. Set temp. 1/4 sec cor. Intersect the N. and S. line, at 29 lks. S. of the corner to secs. 20, 21, 28 and 29. Thence, I run, S. 89° 52' W., on a true line, bet. secs. 20 and 29. Over rolling sand through sage brush.
40.02	Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence A cedar, 24 ins., in diam. brs. N. 66 3/4° E., 73 lks. dist. mkd. 1/4 S 20 B T. A cedar, 24 ins., in diam. brs. S. 30 1/4° E., 73 lks. dist. mkd. 1/4 S 29 B T. Leave sage brush bears northerly and southerly and

17/
(16)

Subdivisional lines of T 33 N R 10 E.

(Continued).

Chs.
80.04 enter rolling sandstone.
The corner to secs. 19, 20, 29 and 30.
Land rolling.
Soil sandy and rocky; 4th rate.
Timber cedar; undergrowth sage 40.02 chs.

40.00 N. 89° 56' W., on a random line, bet. secs. 19 and
79.90 30.
Set temp. 1/4 sec. cor.
Intersect the W. boundary of the Tp. at 10 lks. N.
of the corner to secs. 19, 24, 25 and 30, as here-
tofore described; thence I run,
EAST, on a true line, bet. secs. 19 and 30.
Over rolling sand and sandstone through heavy cedar
timber.

39.90 Set a limestone, 18 x 7 x 5 ins., 12 ins., in the
ground for 1/4 sec. cor. marked 1/4 on the N. face;
whence
A cedar, 12 ins., in diam. brs. S. 80 1/4° E.,
94 lks. dist. mkd. 1/4 S 30° B T.
A cedar, 10 ins., in diam. brs. N. 51° W., 104
lks. dist. mkd. 1/4 S 19° B T.

79.90 The corner to secs. 19, 20, 29 and 30.
Land rolling.
Soil sandy and rocky; 4th rate.
Timber cedar.
Heavily timbered land 79.90 chs.

40.00 N. 0° 03' W., bet. secs. 19 and 20.
Over rolling sand and sandstone and sand through
heavy cedar timber.
Set a limestone, 18 x 6 x ~~4~~^{5 1/2} ins., 12 ins., in
the ground for 1/4 sec. cor. marked 1/4 on the W.
face, whence
A cedar, 30 ins., in diam. brs. S. 18° E.,
210 lks. dist. mkd. 1/4 S 20° B T.
A cedar, 12 ins., in diam. brs. S. 14 1/2° W.,
260 lks. dist. mkd. 1/4 S 19° B T.

80.00 Set a limestone, 20 x 8 x 5 ins., 15 ins., in the
ground for the corner to secs. 17, 18, 19 and 20,
marked with 3 notches on the S. and 5 notches on the
E. edges, whence
A cedar, 20 ins., in diam. brs. N. 72° E., 116
lks. dist. mkd. T 33 N R 10 E S 17° B T.
A cedar, 18 ins., in diam. brs. S. 65° E.,
63 lks. dist. mkd. T 33 N R 10 E S 20° B T.
A cedar, 10 ins., in diam. brs. S. 71° W.,
64 lks. dist. mkd. T 33 N R. 10 E S 19° B T.
A cedar, 12 ins., in diam. brs. N. 17 1/4° W.,
28 lks. dist. mkd. T 33 N R 10 E S 18° B T.
Land rolling.
Soil sandy and rocky; 4th rate.
Timber cedar, (heavy) 80.00 chs.

40. S. 89° 52' E., on a random line, bet. secs. 17 and 20.
80.03 Set temp. 1/4 sec. cor.
Intersect the N. and S. line, 24 lks. S. of the cor.
to secs. 16, 17, 20 and 21.
Thence I run,
S. 89° 58' W., on a true line bet. secs. 17 and 20.
Over rolling sand through sage brush.

40.01 Set a limestone, 18 x 7 x 5 1/2 ins., 12 ins., in
the ground for 1/4 sec. cor. marked 1/4 on the N. face,
whence
A cedar, 20 ins., in diam. brs. N. 21 1/4° E.,
92 lks. dist. mkd. 1/4 S 17° B T.
A cedar, 18 ins., in diam. brs. S. 10° E., 263
lks. dist. mkd. 1/4 S 20° B T.

Chs.	
69.00	Leave sage brush; thence over sandstone ledges; through heavy cedar timber.
80.03	The corner to secs. 17, 18, 19 and 20. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar; undergrowth sage brush. Heavily timbered or land covered with undergrowth; 80.03 chs.

40.	WEST, on a random line, bet. secs. 18 and 19.
79.82	Set temp. 1/4 sec. cor. Intersect the W. boundary of the Tp. at 10 lks. S. of the corner to secs. 13, 18, 19 and 24. Thence I run, S. 89° 56' E., on a true line, bet. secs. 18 and 19. Over rolling sand and sandstone through heavy cedar timber.
39.82	Set a limestone, 18 x 8 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence, A cedar, 30 ins., in diam. brs. S. 8 1/2° E., 116 lks. dist. mkd. 1/4 S 19° B T. A cedar, 12 ins., in diam. brs. N. 34 1/2° W., 315 lks. dist. mkd. 1/4 S 18° B T.
79.82	The corner to sections, 17, 18, 19 and 20. Land rolling and broken. Soil sandy and rocky; 4th rate. Timber cedar. Heavily timbered land 79.82 chs.

	N. 0° 03' W., bet. secs. 17 and 18. Over rolling sand and sandstone through heavy cedar timber.
40.00	Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; whence, A cedar, 14 ins., diam. brs. S. 84 1/2° E., 112 lks. dist. mkd. 1/4 S 17° B T. A cedar, 12 ins., in diam. brs. S. 65 1/2° W., 93 lks. dist. mkd. 1/4 S 18° B T.
80.00	Set a limestone, 20 x 9 x 5 ins., 15 ins., in the ground for the corner to secs. 7, 8, 17 and 18, marked with 4 notches on the S. and 5 notches on the E. edges; whence A cedar, 14 ins., in diam. brs. N. 52 1/4° E., 171 lks. dist. mkd. T 33 N R 10 E S 8° B T. A cedar 30 ins., in diam. brs. S. 55 3/4° E., 175 lks. dist. mkd. T 33 N R 10 E S 17° B T. A cedar, 30 ins., in diam. brs. S. 59 3/4° W., 50 lks. dist. mkd. T 33 N R 10 E S 18° B T. A cedar, 24 ins., in diam. brs. N. 22 3/4° W., 90 lks. dist. mkd. T 33 N R 10 E S 7° B T. Land rolling. Soil sandy and rocky; 4th rate. Timber cedar. Heavily timbered land 80. chs.

40.00	N. 89° 58' E., on a random line, bet. secs. 8 and 17.
80.06	Set temp. 1/4 sec. cor. Intersect the N. and S. line, 12 lks. N. of the cor. to secs. 8, 9, 16 and 17. Thence I run, N. 89° 57' W., on a true line bet. secs. 8 and 17. Over rolling sandstone. Through heavy cedar timber.

Subdivisional lines of T. 33 N., R. 10 E.

(continued)

Chs.
40.03
49.00
80.06

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence,

A cedar, 24 ins., in diam. brs. N. 44 1/4° E., 175 lks. dist. mkd. 1/4 S 8° B T.

A cedar, 12 ins., in diam. brs. S. 5° E., 93 lks. dist. marked 1/4 S 17° B T.

Indian hut bears about 7 chs. S.
The corner to secs. 7, 8, 17 and 18.

Land rolling.
Soil sandy and rocky 4th rate.
Timber cedar.
Heavily timbered land, 80.06 chains.

May 14th, 1905.

May 15th, 1905. At the corner to secs. 7, 8, 17 and 18, at 7 hours, 20 minutes, a. m., 1. m. t. I set off 36° 16' N., on the lat. arc; 18° 49' N., on the decl arc and determine a meridian with the Solar.

Thence I run, N. 89° 56' W., on a random line, bet. secs. 7 and 18.

40.00
79.71

Set temp. 1/4 sec. cor. Intersect the W. boundary of the Tp. 5 lks. S. of the corner to secs. 7, 12, 13 and 18, as heretofore described; thence I run,

S. 29° 54' E., on a true line, bet. secs. 7 and 18. Over rolling sand and sandstone.

Through heavy cedar timber.

39.71

Set a limestone, 18 x 6 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence,

A cedar, 16 ins., in diam. brs. S 39 1/2° E., 243 lks. dist. mkd. 1/4 S 18° B T.

A cedar, 24 ins., in diam. brs. N. 22° W., 110 lks. dist. mkd. 1/4 S 7° B T.

79.71

The corner to sections 7, 8, 17 and 18.

Land rolling.
Soil sandy and rocky; 4th rate.
Timber cedar.
Heavily timbered land, 79.71 chs.

N. 0° 03' W. bet. secs. 7 and 18.

Over rolling sand and sandstone.

Through heavy cedar timber.

40.00

Set a limestone, 18 x 7 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face, whence

A cedar, 30 ins., in diam. brs. N. 44° E., 44 lks. dist. mkd. 1/4 S 8° B T.

A cedar, 36 ins., in diam. brs. N. 45 1/2° W., 95 lks. dist. mkd. 1/4 S 7° B T.

80.00

Set a limestone, 20 x 8 x 5 ins., 15 ins., in the ground for the corner to secs. 5, 6, 7 and 8 marked with 5 notches on the S. and E., edges, whence

A cedar, 24 ins., in diam. brs. N. 41 3/4° E., 62 lks. dist. mkd. T 33 N R 10 E S 5° B T.

A cedar, 40 ins., in diam. brs. S. 24 1/2° E., 24 lks. dist. mkd. T 33 N R 10 E S 8° B T.

A cedar, 23 ins., in diam. brs. S. 64° W., 44 lks. dist. mkd. T 33 N R 10 E S 7° B T.

A cedar, 20 ins., in diam. brs. N 20° W., 108 lks. dist. mkd. T 33 N R 10 E S 6° B T.

Land rolling.
Soil sandy and rocky; 3rd and 4th rate.
Timber cedar.
Heavily timbered land 80.00 chs.

Subdivisional lines of Tp. 33 N., R. 10 E.
(Continued).

Chs. S. 89° 57' E., on a random line, bet. secs. 5 and 8.
40. Set temp. 1/4 sec. cor.
80.00 Intersect the N. and S. line, 8 lks. S. of the cor. of secs. 4, 5, 8 and 9.
Thence I run,
WEST, on a true line, bet. secs. 5 and 8.
Over rolling sand and sandstone.
Through heavy cedar timber.
40.00 Set a limestone, 18 x 7 x 5 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence,
91
A cedar, 24 ins., in diam. brs. N. 27 1/2° E., 216 lks. dist. mkd. 1/4 S 5° B T.
A cedar, 10 ins., in diam. brs. S. 7° W., 124 lks. dist. mkd. 1/4 S 8° B T.
80.00 *The cor. of secs. 5 & 6. 7 x 8.*
Soil sandy and rocky; 3rd and 4th rate. *Sand rolling*
Timber cedar.
Heavily timbered land 80. chs.

40. N. 89° 54' W., on a random line bet. secs. 6 and 7.
79.60 Set temp. 1/4 sec. cor.
Intersect the W. boundary of the Tp. at the cor. to secs. 1, 6, 7 and 12, as heretofore described; thence I run,
S. 89° 54' E., on a true line, bet. secs. 6 and 7.
Over rolling sand and sandstone.
Through heavy cedar timber.
39.60 Set a limestone, 18 x 8 x 4 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; whence,
A cedar, 24 ins., in diam. brs. S. 28° E., 191 lks. dist. mkd. 1/4 S 7° B T.
A cedar, 23 ins., in diam. brs. N. 158 lks. dist. mkd. 1/4 S 6° B T.
79.60 The corner to secs. 5, 6, 7 and 8.
Land rolling.
Soil sandy and rocky; 4th rate.
Timber cedar.
Heavily timbered land, 79.60 chs.

40.00 N. 0° 03' W., on a random line, bet. secs. 5 and 6.
80.03 Set temp. 1/4 sec. cor.
Intersect the N. boundary of the Tp. at 13 lks. W. of the corner to secs. 5, 6, 31 and 32, as heretofore described.
Thence I run,
South, on a true line, bet. secs. 5 and 6.
Over rolling sand; through heavy cedar timber.
18.50 Indian Wickiup bears about 8.00 chs. W.
40.03 Set a limestone, 18 x 6 x 5 1/2 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; whence
A cedar, 34 ins., in diam. brs. S. 25 1/2° E., 51 lks. dist. mkd. 1/4 S 5° B T.
A cedar, 18 ins., in diam. brs. S. 54° W., 73 lks. dist. mkd. 1/4 S 6° B T.
80.03 The corner to sections, 5, 6, 7 and 8.
Land rolling.
Soil sandy and rocky; 4th rate.
Timber cedar.
Heavily timbered land, 80.03 chs.

May 15th, 1905.

General Description.

The eastern part of this township is a sandy desert, while the western part is mostly sandstone ridges. There is no running water in the Tp.

Subdivisional lines of T. 33 N., R. 10 E.

(Concluded)

Chs.

Water can be obtained, however, in the hollows, sinks, and basins between the sand ridges at a shallow depth, ranging from one to ten feet. There is a great deal of cedar timber in the western half of the Tp. There are numerous Indian huts scattered over the Tp. an evidence that at one time it was settled by Indians. At present there are no white settlers living within the township.

The only value, therefore, attached to the lands embraced within this Tp. is the cedar timber.

Philip Coutzen
U. S. Deputy Surveyor.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Conzera

....., 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. 33 N. R. 10 E showing the respective capacities in which they acted:

W. S. Kengla....., Chainman.

Fred Taylor....., Chainman.

Arthur Pogue....., Moundman.

Manuel Salazar....., Axman.

G. A. Hawley....., Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Philip Conzera

....., United States Deputy Surveyor, in surveying all those parts or portions of the subdivisional lines of T. 33 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 Taylor, Chainman.

....., Moundman.

Arthur Pogue Moundman.

....., Axman.

Manuel Salazar Axman.

G. A. Hawley Flagman.

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

H. G. Power



I, Philip Cortzen, 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 12th day of December, 1904, 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. 33 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 Cortzen
United States Deputy Surveyor.

Subscribed by said Philip Cortzen and sworn to before me }
this 16th day of June, 1905

Frank S. Ingalls
U. S. Surveyor for Arizona.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, A. T. July 26th 1905, 189

The foregoing field notes of the survey of the subdivisional lines of T. 33 N. R. 10 E. of the Gila and Salt River Base and Meridian, in the territory of Arizona.

executed by Philip Cortzen, U. S. deputy surveyor under his contract No. 124, dated December 12th 1904, 180, 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.~~