

13/09

APR 25 1907
MAY 18 1907

1915

BOOK 1915

FIELD NOTES

OF THE SURVEY OF THE

North, South, East & West boundaries.

of Tp. 23 N., R. 6 W. and W. boundary
of Tp. 22 N., R. 6 W.

1915

of the Gila & Salt River Base Meridian,

AS SURVEYED BY

Edgar C. Dietrich, United States Deputy Surveyor,

Under his Contract No. 140, dated May 2, 1906

Survey commenced September, 1906

Survey completed September, 1906

871A

BOOK 1915

NAMES AND DUTIES OF ASSISTANTS.

Otis A. McCathern Chairman

Clarence M. Poole

Jean Mazarin

Moundman

Charles Gardner

axman

Jim Mahon

Flagman

70
1B

BOOK 1915

Book No. 1915

INDEX DIAGRAM.

Township *Tp 23 N.*, Range *R. 6 E*

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T. 22 N., R. 6 E.

1 To 3. west ldy T22 N R6 E

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BOOK 1915

PRELIMINARY OATHS OF ASSISTANTS.

WE, Otis a. McEathern and Clarence M. Poole
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon 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 North, South, East and West bdy. Tp 23 N., R. 6 W. and West bdy. Tp 22 N., R. 6 W.

Otis a. McEathern, Chainman.

Clarence M. Poole, Chainman.

Subscribed and sworn to before me this 1st
day of September, 1906.

Edgar C. Dietrich
U.S. Deputy Surveyor
No notary available



WE, I, Jean Mazarm
do solemnly swear that ~~we~~ I will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given ^{me} us, to the best of ^{my} our skill and ability, in the survey of N., S., E. & W. bdy. of Tp. 23 N., R. 6 W. and West bdy. Tp 22 N., R. 6 W.

Jean Mazarm, Moundman.

Moundman.

Subscribed and sworn to before me this 1st
day of September, 1906.

Edgar C. Dietrich
U.S. Deputy Surveyor
no notary available



WE, I, Charles Gardner
do solemnly swear that ~~we~~ I will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given ^{me} us, to the best of ^{my} our skill and ability, in the survey of North, South East and West bdy. Tp 23 N., R. 6 W. and West bdy. Tp 22 N., R. 6 W.

Charles Gardner, Axman.

Axman.

Subscribed and sworn to before me this 1st
day of September, 1906.

Edgar C. Dietrich
U.S. Deputy Surveyor
No notary available



I, Jim Mahon, 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 N., S., E. & W. bdy. of Tp 23 N., R. 6 W. and West bdy. Tp 22 N., R. 6 W.

Jim Mahon, Flagman.

Subscribed and sworn to before me this 1st
day of September, 1906.

Edgar C. Dietrich
U.S. Deputy Surveyor
No notary available



Chs.

Survey commenced Sept. 1st, 1906, and executed with A Queen Light Mountain Transit, with Burt's Solar Attachment No. 4607. 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 latitude and declination arcs.

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 an observation on Polaris, I proceed as follows-

At the corner of Tps. 21 and 22 N., Rs. 6 and 7 W., a stone properly set and marked as described by the Surveyor-General in Latitude $35^{\circ} 15' N.$, Lon. $112^{\circ} 56' W.$ At 2 hs. 28 mins., p. m., l. m. t., by my watch, which has correct l. m. t., I set off $35^{\circ} 15' N.$, on the Lat. Arc; $8^{\circ} 23' N.$, on the decl. arc and determine a meridian with the Solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chains N. of the corner.

At 8 hours, 49 mins., P. 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 plug driven in the ground 5. chs. N. of my station.

Sept. 1st, 1906.

Sept. 2nd, At 7 hours, 30 mins., a. m., l. m. t., I lay off the azimuth of Polaris $1^{\circ} 27' W.$ to the W. and mark the meridian thus determined, by cutting a small groove in the stone set yesterday, on which the mer. falls .15 ins. west of the mark determined with the Solar.

At 8hs. 20 mins. a. m., l. m. t., I set off $35^{\circ} 15' N.$, on the Lat. arc, $8^{\circ} 7' N.$, on the Decl. arc and determine a meridian marking a point thereof on the stone already set 5. chs. N. This mark falls .2 ins. E. of the Meridian established by the Polaris observation.

The solar apparatus, by p. m., and a. m. observations defines positions about $10'' E.$ and $13'' W.$ of the meridian established by the Polaris observation. I conclude the adjustments therefore satisfactory.

The magnetic bearing of the meridian at 8 hs. 35 mins. a. m., is $14^{\circ} 28' E.$

I begin at the cor. to Tps. 21 and 22 N., Rs. 6 and 7 W. thence I run N. on the West boundary of Tps bet. secs. 32 and 36.

Over gently rolling land.
Stockade corral 12 chs. East.

2.00

12.00

26.85

40.00

Enter Chino Wash, course SE.
Old road NW.

Set a limestone $21 \times 12 \times 8$ ins., 16 ins. in the ground for $1/4$ sec cor. marked $1/4$ on the West face. Dug pits $18 \times 18 \times 12$ ins., 12 ins. in the ground, N. and S. of stone and raise a mound of earth $3-1/2$ base, $1-1/2$ high, W. of the corner.

78.00

80.00

Leave wash and re-enter gently rolling land.

Set a limestone $24 \times 10 \times 8$ ins., 18 ins. in the ground for the cor. to secs. 25 and 36, 29 and 32, marked with 1 grove on the S. and 5 on the N. edges and raised a mound of stone $2'$ base and $1-1/2$ ft. high W. of the cor. pits imprac.

Level and rolling land.
Sandy and gravelly loam.

2nd, 3rd & 4th rate,
No timber

Chs. West Boundary of Township 22 North Range 6 West.

North bet. secs. 25 and 29, over gently rolling land

11.50 Draw 1 ch. wide, course NW:
 13.60 Old road, course E and W.
 40.00 Set a limestone 21x9x7 ins., 16 ins. in the ground for 1/4 sec. cor., marked 1/4 on the W face. Dug pits 18x18-12 ins., N and S of stone 3 ft. dist., and raised a mound of earth 3-1/2 ft. base, 1-1/2 ft. high, W. of the cor.
 54.00 Draw 60 links wide, course W.
 72.00 Draw 140 lks. wide, course W.
 80.00 Set a limestone 24x12x8 ins., 18 ins., in the ground, for the cor. to secs. 20, 24, 25 and 29. Marked with 2 notches on the S and 4 notches on the N edges. Raised a mound of stone 2 ft. base, 1-1/2 ft. high, W. of the Cor. Land gently rolling.
 Soil gravelly and stony. 2nd, 3rd and 4th rate.
 No timber.
 At 12 o'clock noon at this corner I set off 8° 4' N., on the decl. ark and observed the sun on the Meridian, The resulting latitude 35° 17' N. The true latitude.

 North bet. secs. 20 and 24, over gently rolling land.

25.00 Descend steep
 31.00 Draw 160 lks. wide course W. and ascend
 34.30 Top course E and W.
 39.50 As the point for the cor. will fall on steep face of malapai escarpment bearing NE at this point I establish a witness cor. to the 1/4 sec. cor. by marking a cross on a blanket ledge of malapai stone, and raise a mound of stones 2 ft. base, 1-1/2 ft. high W of ledge. Pits imprac. Marked said cor. 1/4 W of cross.
 40.00 Descending
 Point for 1/4 sec. cor. on face of malapai rock and descend abruptly 50 ft.
 50.00 Enter Chino Wash, course SW, thence SE.
 60.60 Old road, course NE
 80.00 Set a malapia stone 21x10x6 ins., 16 ins. in the ground, for the cor. to secs. 17, 13, 20 and 24, marked with 3 notches on the N and S edges. and raised a mound of stones, 2 ft. base, 1-1/2 ft. high, W of the cor. pits imprac. Land rolling and level.
 Soil sandy, gravelly and stony. 2nd and 3rd rate.
 No timber.

 North bet. secs. 13 and 17 over level land.

18.00 Leave Chino Wash, course S and ascend.
 24.05 Top of ascent, course NE, and enter gently rolling land
 40.00 Set a limestone 18x9x6 ins., 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on the W face. Dug pits 18x18-12 ins., N and S of the stone, 3 ft. dist. and raised a mound of earth 3-1/2 ft. base, 1-1/2 ft. high W of the cor. whence,
 A cedar tree 24 ins. in diameter brs. N 15° E., 268 lks. dist., marked 1/4 S. 17 BT.
 Enter scattering cedar, course NW.
 80.00 Set a limestone 18x9x6 ins., 12 ins. in the ground for the cor. to secs. 8, 12, 13 and 17, marked with 4 notches on the S and 2 on the N edges, and raised a mound of stone, 2 ft. base 1-1/2 ft. high/ W of the cor. Land gently rolling.
 Soil sandy and gravelly, 3rd and 4th rate.
 Scattering cedar timber.

Sept. 2, 1906.

94 3.

Chs.

Sept. 3: at 8 hours and 31 minutes a. m. local time I set off $7^{\circ} 45' N.$ on the declination arc, $35^{\circ} 19' N.$ on the latitude arc and determine a meridian with the solar. Thence I run N bet. secs. 8 and 12, over gently rolling lands through scattering cedar timber.

40.00 Set a limestone $18 \times 6 \times 6$ ins., 12 ins. in the ground for $1/4$ sec. cor. marked $1/4$ on the W face and raised a mound of stone 2 ft. base, $1-1/2$ ft. high W of the cor. pits imprac.

48.10 Old road course SW.

61.65 Road, course E and W.

80.00 Set a malapai stone $18 \times 10 \times 8$ ins., 12 ins. in the ground for the cor. to secs. 1, 5, 8 and 12, marked with 5 groves on the S and 1 on the N edges, Whence, A cedar tree 7 ins. in diam. brs. N. $80^{\circ}-1/2$ W. 214 lks. dist. marked T. 22 N., R. 7 W., S. 1 BT. No other trees within limits. Dug pits $18 \times 18 \times 12$ ins., NE and S. of cor. $5-1/2$ ft. dist. and raised a mound of earth $3-1/2$ ft. base 2 ft. high W of the cor. Land, gently rolling. Soil, sandy and gravelly. Timber, scattering cedar.

North bet. secs. 1 and 5, over gently rolling land, through scattering cedar timber.

8.50 Road, course E and W.

10.00 Dry well, 8 chs. E.

20.00 Enter cedar timber, course NE.

40.00 Set a malapai stone $18 \times 8 \times 5$ ins., 12 ins. in the ground for $1/4$ sec. cor. marked $1/4$ on W face. Whence, A cedar 6 ins. in diam. brs. S. $40^{\circ} E.$ 234 lks. dist. marked $1/4$ S. 5 BT.

A cedar 7 ins. in diam. brs. S. $70^{\circ} 45' W.$ 203 lks. dist. marked $1/4$ S. 1 BT.

80.00 Point for the cor. to Tps. 22 and 23 N., Rs. 6 and 7 W. I set a stake at this cor. as per special instructions. Sept. 3, 1906.

At the cor. to Tps. 22 and 23 N., Rs. 5 and 6 W. a stone and mound of stone as described by Surveyor General with marks partly obliterated I reset stone and marked same 23 N. on N. E. 5 W. on S. E., 6 W on N. W., and 22 N. on S. W. faces.

Sept. 4, at this cor. at 7 hours and 2 Min. a. m. L. M. T., I set off $35^{\circ} 20' N.$, on the latitude arc $7^{\circ} 24' N.$, on the declination arc and determined a meridian with the solar. Thence I run W. on a random line establish temporary $1/4$ sec. cors. at intervals of 40 and 80 chs. and at 5 miles 72.18 chs. I fall 4.98 chs. N. of the temporary cor. to Tps. 22 and 23 N., Rs. 6 and 7 W. At this point I establish a permanent cor. to Tps. 22 and 23 N., Rs. 6 and 7 W., as follows:

Set a limestone $24 \times 8 \times 8$ ins., 18 ins. in the ground marked with 6 groves on the N., E., S. and W. edges, and 23 N. on the N. E., 6 W. on the S. E., 22 N. on S. W., and 7 W. on the N. W. faces, whence,

A cedar 24 ins. in diam. brs. N. $17-1/2$ E. 58 lks. dist. marked T. 23 N. R. 6 W., S. 32 B. T.

A cedar 6 ins. in diam. brs. S. $28^{\circ} E.$ 120 lks. dist., marked T. 22 N. R. 6 W., S. 5 B. T.

A cedar 20 ins. in diam. brs. S. $49^{\circ} 45' W.$ 248 lks dist. marked T. 22 N. R 7 W. S. 1 B. T.

A cedar 6 ins? in diam. brs. N $20^{\circ} W.$ 179 lks. dist., marked T 25 N. R. 7 W. S. 36 B. T.

Sept. 4, 1906.

Chs.

Sept. 5, 1906 at 8 a. m. local mean time, I set off 7° 02' N., on the declination arc 35° 20' N/ on the latitude arc, and determine meridian with solar.

Thence I run E. on a true line on S. bdy. of T. 23 N., R. 6 W. over gently rolling land through heavy cedar timber.

22.83
32.18

Old road, brs. N and S.
Set a sand stone 24x6x5 ins., 18 ins. in the ground for 1/4 sec. cor., marked 1/4 on the N. face, whence A pinon brs. S. 10° W. 18 lks. dist. marked 1/4 S., 5 5 B. T.

57.12
72.18

A Cedar, 7 ins., in diam. bears N. 2 1/2° W., 54 lks. dist. marked 1/4 S. 32 B. T.
Draw 2.00 chs. wide, course S.

Set a malpais stone, 21 x 8 x 6 ins., 16 ins., in the ground for the corner to sections 32 and 33, 4 and 5, marked with 2 grooves on the W and 4 on the E. edges, whence,

A Cedar, 5 ins., in diam. bears N. 6° 45' E., 74 lks. dist. marked T 23 N R 6 W S 33 B E.

A pinon, 12 ins., in diam. bears S. 36 1/2° E., 195 lks. dist. marked T 22 N., R. 6 W., S. 4 B. T.

A Cedar, 6 ins., in diam. bears S. 28 1/4° W., 56 lks. dist. marked T 22 N., R. 6 W., S. 5 B. T.

A Cedar, 6 ins., in diam. bears N. 65 1/2° W., 147 lks. dist. marked T. 23 N., R. 6 W., S. 32 B. T.

Land level and rolling. Soil sandy and gravelly, 3rd and 4th rate.

Timber, cedar and pinon.

Undergrowth cedar-

Heavy timber 72.18 chains.

EAST, on a true line, bet. secs. 4 and 33. Over gently rolling land through heavy cedar timber.

12.60
25.00
28.50
40.00

Road bears N. E. and S. W.

Leave heavy timber thence through scattering timber.

Draw 2.00 chs. wide, course S.

Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence, A Cedar, 5 ins., in diam. bears N. 66° 45' E., 201 lks. dist. marked 1/4 S., 33 B. E.

A Cedar, 7 ins., in diam. bears S. 58 1/2° W., 133 lks. dist. marked 1/4 S., 4 B. T.

74.30
80.00

Draw 80 lks. wide, course S.

Set a malpais stone, 21 x 8 x 6 ins., 16 ins., in the ground for the corner to sections 3, 4, 33 and 34, marked with 2 grooves on the W. and 4 grooves on the E. edges, whence,

A Cedar, 5 ins., in diam. bears S. 38 1/4° W., 203 lks. dist. marked T. 22 N., R. 6 W., S. 4 B. T.

No other trees within limits, pits impracticable. Raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner.

Land gently rolling and level. Soil sandy and gravelly 3rd and 4th rate.

Timber scattering cedar. Heavy timber 25.00 chs.

EAST, on the South boundary of the Tp. bet. secs. 3 and 34.

25.90
40.00

Draw 160 lks. wide, course S.

Set a malpais stone, 20 x 7 x 6 ins., 15 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face; dug pits, 18 x 18 x 12 ins., E. and W. of stone, 3 ft. dist. and raised a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of the corner.

80.00

Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to sections 2, 3, 34 and 35, marked with 2 grooves on the E. and 4 grooves on the W. edges and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner.

Chs.	Pits impracticable. Land gently rolling and level. Soil sandy and gravelly 2nd, 3rd and 4th ate. No timber.

	EAST, bet. secs. 2 and 35. Over gently rolling land.
4.20	Top bears N. E. and S. W. and descend.
5.80	Enter wash (Chino)
29.00	Leave Chino Wash, bears S. W.
40.00	Set a malpais stone, 18 x 8 x 6 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. high, W. of the corner. Pits impracticable.
74.15	Wagon road bears S. W. and N. E.
76.20	Dry wash, 20 lks. wide, course S. Reservoir 8.00 chs. S.
80.00	Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to secs. 1, 2, 35 and 36, marked with 5 grooves on the W. and 1 on the E. edges and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Land level. Soil sandy and rocky, 3rd and 4th rate. No timber.

	EAST, bet. secs. 1 and 36. Over nearly level land.
31.98	Enter railroad yards of the A. T. and S. F. R. R. at Seligman.
40.00	Point for 1/4 sec. cor. falls in R. R. Yard where corner would be liable to destruction.
46.96	Leave R. R. Yard.
50.00	At 78 lks. N. of line, at this point, set a witness cor. for the 1/4 sec. cor. A Malpais stone, 20 x 8 x 6 ins. 15 ins., in the ground, marked W. C. 1/4 on the N. face; and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. The line at this point lies along the S. side of the Town of Seligman, and corner was not placed on line, as it would be subject to destruction on account of traffic.
60.75	Frame house 1.00 chain S. 22 1/2 31/4.
80.00	The corner to Tps. 23 and 24 S., Rs. 5 and 6 W. Land nearly level. Soil rocky and sandy 3rd and 4th rate. No timber.
	Sept. 5th, 1906.

	Sept. 6th, 1906-- At the corner to Tps. 22 and 23 N., Rs. 5 and 6, W previously established and described by me, at 8 hours, 2mins. a. m., 1. m. t., I set off 35° 20' ✓ N., on the Lat. Arc; 6° 39' N., on the decl. arc and determine a meridian with the Solar; thence I run, North, on a true line, on the E. Bdy. of Tp' 23 N., R. 6 W., bet. secs. 32 and 36. Over level land along the W. side of fence, bearing N. and S.
33.22	Frame cabin bears 25 lks. W.
40.00	Set a malpais stone, 20 x 8 x 5 ins., 15 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dug 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.
	Wire fence bears E. and W.
70.80	Shack bears 60 lks. E.
71.12	Wire fence bears E. and W.
80.00	Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for the corner to sections 25, 30, 31 and 36, marked with 1 groove on the S. and 5 grooves on the N. edges, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable. Land level. Soil 2nd and 3rd rate. Gravelly. No timber.

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- North bet. secs. 25 and 30.
Over level land.
- .50 Dry wash, 30 lks. wide, course W.
19.90 Begin gradual ascent slopes to the west.
40.00 Set a malpais stone, 18 x 14 x 12 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, W. of the cor. Pits impract.
- 65.50 Top of low ridge S. E. and N. W. and descend gradually.
80.00 Malpais stone, 18 x 8 x 5 ins., 12 ins., in the ground for the corner to sections 19, 25, 24 and 30, marked with 2 grooves on the S. and 4 on the N. edges; whence, A Cedar, 6 ins., in diam. bears N. 39 1/4° W., 244 lks. dist. marked T. 23 N., R. 6 W., S. 24 B. T. and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
Land rolling and level.
Soil sandy loam rocky and stony, 1st, 2nd and 4th rate.
Timber a few cedars.
-
- North bet. secs. 19 and 24.
Over rolling land descending.
- 5.00 Enter drain bears to the west.
8.90 Leave " "
39.81 Wire fence bears East. & West. "
40.00 Set a malpais stone, 18 x 12 x 12 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, W. of the corner. Pits impracticable.
- 61.85 Enter Chino Wash bears westerly.
67.32 Leave Chino Wash.
78.09 Wire fence bears East. & West.
80.00 Set a limestone, 18 x 10 x 5 ins., 12 ins., in the ground for the corner to secs. 13, 18, 19 and 24, marked with 3 grooves on the N. and S. edges, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. Pits impract.
Land rolling and level.
Soil sandy and gravelly; 3rd and 4th rate.
Stony, 2nd and 3rd rate.
Timber a few cedars.
-
- North bet. secs. 13 and 18.
Over gently rolling land.
- 31.10 Chino Wash, 60 lks. wide, bears S. E.
35.00 Dry wash, 30 lks. wide, course S. E.
40.00 Set a synite stone, 18 x 8 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the W. face; dug 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.
- 42.60 Road bears N. W. and ascend gradually.
50.10 Enter scattering cedar timber and oak brush bears E. & W.
80.00 Set a sandstone, 18 x 10 x 10 ins., 12 ins., in the ground for the corner to sections 7, 12, 13 and 18, marked with 4 grooves on the S. and 2 on the N. edges, whence, A Cedar, 8 ins., in diam. bears N. 35° W., 430 lks. dist. mkd. T. 23 N., R. 5 W., S. 7 B. T. No other trees and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
Land gently rolling. Soil sandy loam and gravelly 2nd, and 3rd rate. No timber. A few scattering cedars.
Undergrowth oak.

Sept. 6, 1906.

Sept. 7- At the corner to secs. 7, 12, 13 and 18, at 7 hrs. 28 mins. a. m., l. m. t., I set off 6° 18' N., on the Decl. arc; 35° 24' N., on the lat. arc, and determine a meridian with the Solar; thence I run, N. bet. secs. 7 and 12.
Over rolling land ascending gradually.

4.90 Begin steep ascent along the E. slope of rocky spur.
 22.00 Top of limestone escarpment 40 ft. high, bears E. and W.
 Enter heavy cedar timber.
 40.00 Set a limestone, 18 x 8 x 6 ins., 12 ins., in the ground
 for 1/4 sec. cor. marked 1/4 on the W. face; whence
 A cedar, 5 ins., in diam. bears S. 32° W., 37 lks.
 dist. mkd. 1/4 S. 12 B. T.
 A cedar, 6 ins., in diam. bears S. 21° 45' E., 15
 lks. dist. mkd. 1/4 S. 7 B. T.
 43.00 Ridge 500 ft. above corner of sections 7, 12, 13 and 18.
 Ridge bears E. and W.
 45.05 Descend.
 48.07 Draw 2.00 chs. wide, course N. E. and ascend.
 62.00 Top of E. slope of ridge bearing N. and S. and descend
 along the E. slope.
 76.00 Leave heavy timber bearing to the N. E.
 80.00 Set a limestone, 18 x 8 x 6 ins., 12 ins., in the
 ground for the corner to sections, 1, 6, 7 and 12,
 marked with 5 grooves on the S. and 1 on the N. edges,
 and raise a mound of stones, 2 ft. base, 1 1/2 ft. high,
 W. of the corner. Pits impracticable.
 Land mountainous.
 Gravelly stony and rocky 3rd and 4th rate.
 Timber cedar and scattering pinon.
 Undergrowth cedar, oak and cactus.
 Mountainous or land covered with heavy timber and dif-
 ficult to survey 80.00 chains.

 North bet. secs. 1 and 6.

Over mountainous land descending through scattering
 cedar timber.

25.50 Draw 30 lks. wide, course S. E. and ascend.
 27.54 Top of ridge bears W. N. W. and enter mesa.
 40.00 Set a malpais stone, 21 x 8 x 6 ins., 16 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,
 W. of the corner. Pits impracticable.
 62.00 Begin steep rocky descent from mesa.
 80.00 Enter draw course E. N. E. Set a limestone, 18 x 10 x
 10 ins., 12 ins., in the ground for the cor. to Tps.
 23 and 24 N., Rs. 5 and 6 W., marked with 6 grooves on
 the N. E. S. and W. edges, whence,
 A Cedar, 24 ins., in diam. bears S. 21° E.,
 246 lks. dist. marked T. 23 N., R. 6 W., S. 1 B. T.
 No other trees within limits, and raise a md. of stones
 2 ft. base, 2 ft. high, S. of the corner.
 Pits, Impract.

Cor. is also, marked 24 N., on the N. E. 6 W., on
 the N. W. 23 N., on the S. E. and 5 W., on the S. W.

Land mountainous and nearly level.
 Soil gravelly loam stony and rocky 2nd 3rd and 4th rate.
 Timber scattering cedars.
 Undergrowth cedar.
 Mts. land 45.50 chs.

Sept. 7th, 1906.

 I return to the corner of Tps. 22 and 23 N., Rs. 6 and
 7 W., previously set and described by me.

Sept. 8th, at 8 hours, 5 mins., a.m., 1. m. t., I
 set off 5° 55' N., on the decl. arc. 35° 20' N., on the
 lat. arc and determine a meridian with the Solar; thence
 I run N. on a true line on the WEST boundary of Tp. 23
 N. R. 6 W. bet. secs. 32 and 36.

Over gently rolling land, through cedar timber.

16.00 Enter pinon timber bears E. and W.

40.00 Set a cedar post, 2 ft long, 4 ins., ins. square, 24 ins.
 in the ground for 1/4 sec. cor. marked 1/4 S., on the
 W. face, whence,

A pinon, 18 ins., in diam. bears S. 59 1/2° E., 100 lks.
 lks. dist. marked 1/4 S. 32 B. T.

A cedar, 6 ins., in diam. bears S. 11° 45' W., 154
 lks. dist. mkd. 1/4 S. 36 B. T.

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70.10	Leave heavy timber bears E. and W.
77.80	Road bears E. and W.
80.00	Set a sandstone, 21 x 14 x 5 ins., 16 ins., in the ground for the corner to secs. 29, 32, 25 and 36, marked with 1 groove on the S. and 5 grooves on the N. edges, whence, A Cedar, 7 ins., in diam. brs. N. 85° 15' E., 230 lks. dist. mkd. T. 23 N., R. 6 W., S. 29 B. T. A Cedar, 6 ins., in diam. bears S. 38 1/4° W., 90 lks. dist. mkd. T. 23 N., R. 7 W., S. 36 B. T. A Cedar, 6 ins., in diam. bears N. 40° W., 275 lks. dist. marked T. 23 N., R. 7 W., S. 25 B. T. Raised a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. Pits impract. No other trees. Land gently rolling. Soil loam and gravelly 2nd & 3rd rate. Timber cedar and pinon. Undergrowth cedar. Heavy timber, 70.10 chains.
	NORTH, bet. secs. 25 and 29. Over nearly level land through heavy cedar timber.
3.85	Wire fence bears N. 60° W.
4.20	Telegraph line bears N. 60° W. and S. 60° E.
5.40	Middle of Single track of the A. T. & S. F. R. R. bears N. 60° W., and S. 60° E.
6.25	Telegraph line, bears, N. 60° W., and S. 60° E.
7.20	Wire fence bears N. 60° W., and S. 60° E.
19.90	Enter gently rolling land and pinon timber bears N. W.
32.50	Leave heavy timber and begin steep ascent over sandstone rocks.
38.40	Top of sandstone escarpment 50 ft. high, bears N. W. Thence ascend along W. slope of a red mesa.
40.00	Set a sandstone in place, 18 x 16 x 14 ins., above ground, marked 1/4 on the W. face; & cross (x) for exact cor. point. A Cedar, 18 ins., in diam. bears S. 71° E., 44 lks. dist. marked 1/4 S. 29 B. T. A pinon, 9 ins., in diam. bears S. 67° W., 65 lks. dist. marked 1/4 S., 25 B. T. and raise a md. of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner.
62.25	Gulch 30 lks. wide, course W.
75.00	Leave pinon timber bears to the N. E.
80.00	Set a sandstone, 21 x 8 x 6 ins., in a mound of stone impossible to set in ground on account of bed rock, marked with 2 grooves on the S. and 4 on the N. edges, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of th cor. Pits impract. Land mountainous gently rolling and level. gravelly stony and rocky; 3rd and 4th rate. Timber cedar and pinon. Undergrowth cedar and oak. Mountainous or land covered with dense timber and exceptionally difficult to survey 80.00 chas.
	North bet. secs. 20 and 24. Over mountainous land ascending through scattering cedar timber along W. slpe of Mesa.
4.90	Spur of ridge extends W. N. W. and descend.
15.70	Gulch 40 lks. wide, course W. and ascend steep.
31.00	Spur extends S. W. and descend.
36.00	Gulch 15 lks. wide, course S. W. and ascend.
40.00	On a sandstone in place, 20 x 20 x 6 ins., above ground, marked cross at exact cor. point and 1/4 W. of cross, and raise a md. of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. Pits impractl
43.40	Spur extends W. S. W. and descend.
50.00	Gulch 20 lks. wide, course W. and ascend.
55.00	Spur extends to the W. and descend.
66.10	Gulch 45 lks. wide, course Westerly and begin steep ascent.
72.00	Along the W. side of a limestone terrace.
80.00	Falls on the Side of a terrace, impossible to set corner.
86.00	Top of terrace, 50 ft. high, runs N. W. A limestone rock 10 x 6 x 5 ft. above ground in place, mark W. C. and a cross at exact cor. point, 3 grooves N. and S. of cross.

and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. point. Pits impract.
 Land This Witness corner stands 700 ft. above Aubrey Valley.
 Land mountainous.
 Soil gravelly stony and rocky 3rd nd 4th rate.
 Cedar and pinon timber.
 Undergrowth cedar and oak.
 Mescal. Spanish Bayonet and cactus.
 Mts and land exception difficult to survey 80. chs.
 Sept. 8th, 1906.

Sept. 9th, At the witness cor. to the cor. to secs. 13, 17, 20 and 24, at 7 hs. 28 mins., a. m., 1. m. t., I set off 5° 33' N. on the Decl arc; 35° 23' N., on the Lat. arc. and determine a meridian with the Solar; thence I run, North bet. secs. 17 and 13. counting from cor. point.
 Over mts. land. Ascending steep.
 W. C.
 Top of spur of mesa extends to the W. and enter heavy cedar and juniper timber bearing E. and W.
 Descend steep.
 Gulch 30 lks. wide, course W. and leave heavy timber & ascend.
 Top of spur extends west & descend.
 As it will be impracticable to set cor. at true point, at this station on a sandstone ledge, which bears N. and S. I mark a cross, W. C. 1/4 W. of cross, for witness corner to the 1/4 sec. cor. and raise a md. of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. point.
 A Small gulch bears W. & ascend.
 Spur extends to the W. and descend.
 Gulch, 30 lks. wide, course W. and ascend steep.
 Falls on steep face of a limestone terrace, N. W. and S. E. Impract to set corner.
 At this point establish a witness corner on a limestone rock, 3 x 3 x 3 ft. above ground, marked W. C. and cross (x) 4 grooves S. and 2 grooves N. of cross for witness corner to the corner of sections 8, 12, 13 and 17, and raise a md. of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor. pt.
 Pits impract.
 Land mountainous. Soil gravelly stony and rocky, 3rd and 4th rate. Timber cedar and pinon.
 Undergrowth cedar oak and mesacal.
 Land mountainous and exceptionally difficult to survey 80.00 chs.

From the cor. point of secs. 8, 12, 13 and 17, I run, N. bet. secs. 8 and 12.
 Ascending along W. slope of mesa Over limestone ledges through scattering timber.
 Witness corner.
 Top of spur of mesa extends to the W.
 Enter heavy timber bears to the N. W.
 Red Butte 8.00 chs. E.
 Begin steep descent.
 Gulch 30 lks. wide, course W.
 Ascend steep over limestone rocks.
 Point falls on a limestone ledge bearing N. W. 10 ft. above ground, mark a cross for cor. pt. and 1/4 W. of cross, whence,
 A Cedar, 7 ins., in diam. bears N. 47 1/4° E., 53 lks. dist. mkd. 1/4 S. 8 B. T.
 A Cedar, 9 ins., in diam. bears S. 79 1/4° W., 20 lks. dist. mkd. 1/4 S. 12 B. T. and raise a md. of stones, 2 ft. base, 1 1/2 ft. high, W. of cross and cor. point.
 Spur of mesa extends W. and descend.
 Set a limestone, 21 x 8 x 6 ins., 16 ins., in the ground for the corner to secs. 5, 8, 1 and 12, mkd. with 5 grooves on the S. and 1 on the N. edges, whence,

6.00
 10.00
 12.00
 15.00
 25.00
 39.80
 40.00
 62.95
 73.20
 80.00
 81.70
 1.70
 8.00
 21.00
 32.00
 38.00
 40.00
 70.00
 80.00

(X)

Chs.

Whence,

A pinon, 7 ins., in diam. bears N. 50° E., 74 lks. dist. mkd. T. 23 N., R. 6 W., S. 5 B. T. ✓

A pinon, 9 ins., in diam. bears S. 36° 45' E., 65 lks. dist. mkd. T. 23 N., R. 6 W., S. 8 B. T. ✓

A pinon, 9 ins., in diam. bears S. 9° W., 36 lks. dist. mkd. T. 23 N., R. 7 W., S. 12 B. T. ✓

A Cedar, 6 ins., in diam. bears N. 67° 34' W., 55 lks. dist. mkd. T. 23 N., R. 7 W., S. 1 B. T. ✓

Land mountainous.

Soil gravelly stony and rocky 3rd and 4th rate.

Timber cedar and pinon.

Undergrowth, oak cedar, mescal etc.

Mts. or land covered with heavy timber and exceptionally difficult to survey 80.00 chs.

North bet. secs. 1 and 5.

Descending along W. slope of mesa through heavy timber. Gulch 30 lks. wide, course W. and ascend.

9.70

28.00

Top of mesa N. W. and S. E. thence over gently rolling land.

37.00

40.00

Enter dense brush bears N. E.

Set a malpais stone, 20 x 8 x 8 ins., 15 ins., in the ground for 1/4 sec. cor. mkd. 1/4 on the W face; whence,

A Cedar, 9 ins., in diam. bears N. 52° E., 51 lk dist. marked 1/4 S. 5 B. T. ✓

A Cedar, 7 ins., in diam. bears N. 9 1/4° W., 142 lks. dist. marked 1/4 S. 1 B. T. ✓

71.00

80.00

Leave heavy timber bears to the N. W.

Set a cedar post, 4 ft. logg, 5 ins., aquare, 12 ins., in the ground, marked with 6 notches on the N. S. E. and W. edges, and T 24 N S 32 on the N. E.; R 6 W S 5 on the S. E.; T 23 N S 1 on the S. W. and R. 7 W S. 36 on the N.W. faces, whence,

A Cedar, 6 ins., in diam. bears S. 25° E., 80 lks. dist. mkd. T 23 N., R. 6 W., S. 5 B. T. ✓

A Cedar, 14 ins., in diam. bears S. 80° W., 134 lks. dist. mkd. T. 23 N., R. 7 W., S. 1 B. T. ✓

No other trees and raised a mound of stones, 4 ft. base, 2 ft. high, S. of the corner. Pits impract. Land mts. and rolling.

Gravelly stony and rocky soil 3rd and 4th rate.

Cedar and pinon timber.

Undergrowth cedar oak and cactus.

Mts. or lad covered with heavy timber or dense brush and exceptionally difficult to survey 80.00 chs.

Sept. 9. 1906.

N. Bdy. of Tp. 23 N., R. 6 W.

At the corner to Tps. 23 and 24 N., Rs. 5 and 6 W., previously established and described by me, on Sept. 10, 1906, at 7 hs. 30 mins., a. m., 1. m. t., I set off 5° 10' N., on the Decl. arc; 35° 25' N., on the Lat. arc; and determine a meridian with the Solar; thence I run,

WEST, on a random line, on the N. bdy. of Tp. 23 N., R. 6 W., setting temp. 1/4 and sec. cor. at 40 chs. and at 391.80 chs. fall 23 lks. N. of the corner to Tps. 23 and 24 N., Rs. 6 and 7 W., prev. estab. and des. by me. The falling answers to a correction of 4 lks. S. per mile, the true course will therefore be N. 89° 58' E.

Thence I run, on said course bet. secs. 5 and 32.

Over gently rolling land through scattering timber.

Draw, 70 lks. wide, course northerly.

Enter heavy cedar timber bears N. E.

2.70

16.00

31.80

Set a malpais stone, 18 x 8 x 6 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence,

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North Room

57.05 A Cedar, 18 ins., in diam. bears S. 47° W., 49 lks. dist. marked 1/4 S. 5 B. T.
 66.30 A Cedar, 7 ins., in diam. bears N. 55° W., 227 lks. dist. marked 1/4 S. 32 B. T.
 71.80 Leave heavy timber to the N. W.
 Draw, 8.00 chs. wide, course S. E.
 Set a malpais stone, 18 x 6 x 6 ins., 12 ins., in the ground for the corner to sections 4, 5, 32 and 33, marked with 4 grooves on the E. and 2 on the W. edges, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
 Land gently rolling.
 Soil sandy stony and gravelly; 3rd and 4th rate.
 Timber cedar and juniper.
 Undergrowth cedar.
 Heavy timber 41.00 chs.

Sept. 10. 1906.

Sept. 11- At the corner to secs. 4, 5, 32 and 33, at 8 a. m., 1. m. t., I set off 4° 47' N., on the Decl. arc, 35° 25' N., on the Lat. arc and determine a meridian with the Solar; thence N. 89° 58' E. bet. secs. 4 and 33.
 Over rolling land through scattering cedar timber.
 3.00 Enter draw bears E.
 9.00 Leave draw bears S. E.
 18.11 Same draw 80 lks. wide, course N. thence N. E.
 30.85 Draw 1.00 chain wide, course N.
 Enter heavy cedar timber bearing to the N. E.
 40.00 Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground for 1/4 sec. cor. marked 1/4 on the N. face, whence,
 A Juniper, 18 ins., in diam. bears S. 284 lks. dist. marked 1/4 S. 4 B. T.
 A Cedar, 20 ins., in diam. bears N. 28 1/2° W., 182 lks. dist. marked 1/4 S. 33 B. T.
 49.42 Draw, 60 lks. wide, course N.
 67.10 Draw 60 lks. wide, course N. and leave heavy timber.
 80.00 Set a limestone, 21 x 10 x 8 ins., 16 ins., in the ground for the corner to sections 3, 4, 33 and 34, marked with 3 grooves on the E. and W. edges, and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W. of the corner. Pits impracticable.
 Land heavy rolling.
 Gravelly soil; stony, 3rd and 4th rate.
 Cedar and pinon timber.
 Undergrowth cedar.
 Heavy timber 36.00 chains.

N. 89° 58' E., bet. secs. 3 and 34.
 Over rolling land through scattering timber.
 1.00 Draw, 40 lks. wide, course N. E.
 7.72 Enter heavy timber.
 30.65 Draw, 80 lks. wide, course N. E.
 40.00 Set a limestone, 18 x 8 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. bears S. 30 1/2° W., 132 lks. dist. marked 1/4 S. 3 B. T.
 A Cedar, 8 ins., in diam. bears N. 72 1/4° W., 184 lks. dist. marked 1/4 S. 34 B. T. and raise a md. of stones 2 ft. base, 1 1/2 ft. high, N. of the corner.
 42.20 Draw, 45 lks. wide, course N.
 67.00 Leave heavy cedar timber bears N. and S.
 80.00 Set a malpais stone, 18 x 8 x 8 ins., 12 ins., in the ground for the corner to sections 2, 3, 34 and 35, marked with 2 grooves on the E. and 4 on the W. edges, whence,
 A Cedar, 7 ins., in diam. bears S. 59° E., 143 lks. dist. marked T 23 N., R. 6 W., S. 2 B. T.
 A Cedar, 24 ins., in diam. bears N. 73 1/2° W., 251 lks. dist. marked T. 24 N., R. 6 W., S. 3 B. T. and raise a mound of stones, 2 ft. base, 1 1/2 ft. high, W of the cor. Pits impract.

Land heavy rolling.
 Soil gravelly and stony; 3rd and 4th rate.
 Cedar timber. and Cedar undergrowth.
 Heavy timber 59.30 chs. Difficult to survey.
 Sept. 11th-1906.

Sept. 12- At the corner of secs. 2, 3, 34 and 35, at
 7 hours, 35 mins. a. m., l. m. t., I set off 4° 25' N.,
 on the Decl. arc; 35° 25' N., on the Lat. arc and determine
 a meridian with the Solar; thence I run,
 N. 89° 58' E., bet. secs. 2 and 35.
 Over rolling land descending through scattering cedar timber.
 Enter heavy cedar timber bears to the N. E.
 9.00 Enter draw, E. and W.
 37.00 Set a limestone, 21 x 10 x 5 ins., 16 ins., in the ground
 40.00 for 1/4 sec. cor. marked 1/4 on the N. face; whence,
 A Cedar, 30 ins., in diam. bears S. 43 1/2° W., 176 lks.
 dist. marked 1/4 S. 2 B. T.
 A Cedar, 7 ins., in diam. bears N. 75° W., 149 lks.
 dist. marked 1/4 S. 35 B. T.
 43.00 Leave draw and ascend.
 54.00 Top of mesa bears E. N. E.
 63.00 Leave heavy timber to the N. E.
 80.00 Set a malpais stone, 18 x 10 x 5 ins., 12 ins., in the
 ground for the cor. to secs. 1, 2, 35 and 36, marked with
 5 nothches on the W. and 1 on the E. edges; whence,
 A Cedar, 30 ins., in diam. bears N. 44° E., 153 lks.
 dist. mkd. T. 23 N., R. 6 W., S. 36 B. T. and raise a md.
 of stones, 2 ft. base, 1 1/2 ft. high, W. of the cor.
 Pits impracticable.
 Land rolling and nearly level.
 Soil gravelly loam and stony; 2nd, 3rd and 4th rate.
 Timber cedar and juniper.
 Undergrowth cedar.
 Heavy timber 52.00 chs, and exceptionally difficult to
 survey.

N. 89° 58' E., bet. secs. 1 and 36.
 Over mesa land through scattering cedar timber.
 35.41 Begin steep descent over malpais rock.
 40.00 Set a malpais stone, 18 x 8 x 6 ins., in a mound of stones,
 impracticable to set stone in the ground, marked 1/4 S.
 on the N. face; whence,
 A Cedar, 14 ins., in diam. bears N. 5° W., 90 lks. dist.
 marked 1/4 S. 36 B. T. Raised a mound of stones, 2 ft.,
 base, 1 1/2 ft. high, N. of the corner. Pits impracticable.
 46.00 Enter heavy cedar timber bears N. and S.
 70.10 Leave heavy timber running to the N. W. and enter draw
 E. N. E.
 80.00 The corner to Tps. 23 and 24 N., Rs. 5 and 6 W., heretofore
 established and described by me.
 Land nearly level and mountainous.
 Soil sandy and gravelly loam; stony and rocky; 3rd and 4th
 rate. Cedar timber. Undergrowth cedar and palo verde.
 Mts or land covered with heavy timber 34.60 chs.
 Sept. 12.1906.

GENERAL DESCRIPTION.

Township 23 N., R. 6 W., generally embraces a rolling
 mesa country. Water is only available in pools during the
 rainy season. The soil is adapted to grazing of cattle,
 horses and sheep. Cedar, juniper and pinon timber cover
 the township.

The town of Seligman, on the Santa Fe Railroad is
 situate in the S. E. portion, Sec. 36.

Edgar C. Dietrich
 U. S. Deputy Surveyor.

Tp. 23 N., R. 6 W.

Table of latitudes, departures and closing errors.

Line.	Courses.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
N.Bdy.	N. 89° 58' W.	391.80	0.23		391.80	
E.Bdy.	South,	480.00		480.00		
S.Bdy.	West,	392.18				392.18
W.Bdy.	North,	480.00	480.00			
Convergency,					0.42	
			<u>482.23</u>	480.00	<u>392.22</u>	392.18
			480.00		392.18	
Error in lat.			0.23		0.04	
					Error in dep.	

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES

A list of the names of the individuals employed by

Edgar C. Dietrich

....., 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

North, South, East & West boundaries Tp 23 N., R. 6 E. and 7 E. bdy. Tp 22 N., R. 6 W.

showing the respective capacities in which they acted:

Orin A. McLaughlin, Chairman.

Clarence M. Poole, Chairman.

Jean Magarin, Moundman.

Charles Gardner, Moundman.

Jim Mahon, Azman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

Edgar C. Dietrich

....., United States Deputy Surveyor, in surveying all

those parts or portions of the *North, South, East & West boundaries Tp 23 N., R. 6 E. and West bdy Tp 22 N., R. 6 W.*

..... of the *Gila Salt*
River Base 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*

Orin A. McLaughlin ✓, Chairman.

Clarence M. Poole ✓, Chairman.

Jean Magarin ✓, Moundman.

Charles Gardner ✓, Moundman.

Jim Mahon ✓, Azman.

W. L. Mahoney ✓, Flagman.

Subscribed and sworn to before me this

30th

day of *September*, 190*6*

Edgar C. Dietrich
U.S. Deputy Surveyor
No notary available



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Edgar C. Dietrich, 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 2 day of May, 1906, 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 North South East and West bdy of Tp 23 N., R 6 W. and West bdy Tp 22 N., R. 6 W.

of the Gila & Salt River Base 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.

Edgar C. Dietrich
United States Deputy Surveyor.

Subscribed by said Edgar C. Dietrich, and sworn to before me }
this 24th day of April, 1907

[Signature]

U. S. Commissioner, First Judicial District
Territory of Arizona, residing at Tucson.



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ar., June 19, 1907

The foregoing field notes of the survey of the North East, South and West boundaries of T. 23 N. R 6 W. and the West boundary of T 22 N. R 6 W of the Gila and Salt River Base and Meridian, in the territory of Arizona.

executed by Edgar C. Dietrich, D. S.
under his contract No. 740, dated May 2nd, 1906, 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.~~