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FIELD NOTES

Re
OF THE SURVEY OF THE

BOOK 1829

North and East Boundaries
of

Township No. 9 S, Range No. 26 East

1829

-1829-

Of the Gila and Salt River Meridian,
In the Territory of Arizona.

AS SURVEYED BY

Philip Conzen

, United States Deputy Surveyor,

Under his Contract No. 110, dated February 10, 189-1904.

Survey commenced April 30, 189-1904

Survey completed May 2, 189-1904

NAMES AND DUTIES OF ASSISTANTS.

John M. Sawyer, Chairman

E. L. Dietrich, Chairman

Buck Cash, Managers

Richard Martiny, Assn

Charles Lee, Assn

Charles R. Gould, Stagnant

BOOK 1829

INDEX DIAGRAM.

Township 9 S, Range 16 26 E.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.


WE, John M. Trayer and E. C. Dietrich
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 ^{re} survey of

the North and East boundaries of S 9 S, R 26 E

John M. Trayer, Chainman.
Edgar C. Dietrich, Chainman.

Subscribed and sworn to before me this 30 }
day of April, 1891904 }

Philip Coutzen
U. S. Deputy Surveyor
(no notary available)


WE, Buck Cash 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 ^{my} skill and ability, in the ^{re} survey of

the North and East boundaries of S 9 S, R 26 E

Buck Cash, Moundman.
_____, Moundman.

Subscribed and sworn to before me this 30 }
day of April, 1891904 }

Philip Coutzen
U. S. Deputy Surveyor
(no notary available)
Rafael Martinez


WE, Claude Lee 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 ^{re} survey of

the North and East boundaries of S 9 S, R 26 E

Claude Lee, Axman.
Rafael Martinez, Axman.

Subscribed and sworn to before me this 30 }
day of April, 1891904 }

Philip Coutzen
U. S. Deputy Surveyor
(no notary available)


I, Charles R. Gould

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 ^{re} survey of

the North and East boundaries of S 9 S, R 26 E

Charles R. Gould, Flagman.

Subscribed and sworn to before me this 31 }
day of April, 1891904 }

Philip Coutzen
U. S. Deputy Surveyor
(no notary available)



As the closing of the West boundary of this township showed shortage, it is evident that some defects exist in the North and East boundaries, therefore I proposed to resurvey the same. Survey commenced April 30, 1904, and executed with a N. and E. E. Survey light mountain transit No. 9007, with solar attachment. The horizontal limb is perpendicular with two spirit levels vertical placed opposite to each other, reaching to single minutes of arc, which is also the best count of the removal of the latitude and declination arcs.

The instrument was examined before on the top of mountain at Shuning, found correct, and was approved by the surgeon general for Arizona, April 24, 1904.

I examined 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 proposed to the old cor. of Sps S & S, P 25 and 26 E, which is a decayed stake and a scattered mound of stone, which I reestablished at the same point as follows:

Set a sandstone, 20 x 6 x 6 in, ¹⁵/_{25 x 26} in in the ground, for cor. of Sps S & S, P 25, E, marked with 6 notches on N. E. and N. sides, and raise a mound of stone, 2 ft base, 10 ft high, N. of cor. It is impracticable. At this cor. latitude 32° 40' N. longitude 109° 20' W. I set off 32° 40' N. on the lat. and 109° 20' W. on the decl. arc, and at 4^h 5^m p.m., l.m.t., determined with the solar a meridian and mark a point thereof, on a stone firmly set in the ground, 5 ch. N. of the cor.

April 30, 1904.

May 1: At 4^h 32^m a.m., by my watch, which is correct, I observed Polaris at azimuth elongation, in accordance with Manual of Instructions, and mark a point in the ground thus determined on a peg driven in the ground, 5 ch. N. of my station. At 4^h 50^m a.m., l.m.t., I lay off the azimuth of Polaris 1° 26' to the West and mark the meridian thus determined by cutting a small groove in the stone set April 30, on which the meridian falls 0.8 in. East of the mark determined by the solar.

At 9^h 00^m a.m., l.m.t., I set 32° 40' N. on the lat. and 109° 20' W. on the decl. arc, and mark a point in the meridian.

chains

Resurvey of the S. bdy of S & S, R 26 E.

with the survey by means of the stone already set 5 chs N. of my station. This mark falls 0.3 ins West of the meridian established by the solar observation.

The solar observations by p.m. and a.m. observations defined positions for meridians respectively about $0^{\circ} 16' 11''$ East and $0^{\circ} 16' 11''$ West of the meridian established by the solar observations; therefore I concluded that the adjustments of the instrument were satisfactory.

The magnetic bearing of the true meridian at 8^h 30^m a.m. is $N. 12^{\circ} 32' W.$; the angle thus determined gives the mag. decl. $12^{\circ} 32' E.$

From the S.P. just established, the old $\frac{1}{4}$ cor. of sec 31, S & S, R 26 E, which is a decayed post and mound of stone, bearing East, therefore I run East, on S. bdy. of sec. 31.

Over stony mesa through some undergrowth.

36.00 Begin strip descent over boulders.

38.80 The old $\frac{1}{4}$ cor. of sec 31, which I reestablish at same point as follows:

Set a sandstone, $24 \times 12 \times 10$ ins, 13 ins in the ground marked $\frac{1}{4}$ on N. face and rebuild mound of stone, 2 ft base, $1\frac{1}{2}$ ft high N. of cor. Site impracticable.

From this cor. the old cor. of Secs 31 and 32 bears East therefore I run East.

8.26 Post: enter Ginnaga valley, bear N. and E., and enter some undergrowth.

8.31 Road, bear N. $45^{\circ} E.$ and S. $45^{\circ} W.$

8.36 Wire fence, bear N. $45^{\circ} E.$ and S. $45^{\circ} W.$

22.76 Wire fence, bear N. $45^{\circ} E.$ and S. $45^{\circ} W.$

29.73 Wire fence, bear N. and S.

32.26 Resurvey bears N. 15 chs dist

33.46 Artificial well, 4 ins diam, bears by the N.

39.76 Old cor. or point determined from old bearing to, I reestablish cor. at same point as follows:

Set a granite stone, $24 \times 14 \times 4$ ins, 14 ins in the ground marked east of sec 31 and 32, S & S, R 26 E, by figures although

A whagmita 14 ins diam, bears N. $43\frac{1}{4}^{\circ} E.$, see the dist marked S & S R 26 E S & S R 26 E.

A tricalat, 10 ins diam, N. $50\frac{1}{4}^{\circ} W.$, 7.12 chs dist, marked

S.S. 26 & E. 31 B.S.
 Land, land and broken.
 Soil, sandy loam, gravelly, stony and rocky; 2nd, 3rd and
 4th rate.
 Timber, mesquite and tricot, undergrowth, mesquite,
 tricot and cacti.
 Area undergrowth, 78.56 chs. ✓

From cor. of secs 31 and 32, the old & cor. of sec 32 bar
 East thereof 3 run
 East on S. bdy. of sec. 32.
 Over land, through mesquite timber and brush under-
 growth.

- 2.00 Charles Robie from house bars N. 2.00 chs dist.
- 2.61 River fence, bars N. and S.
- 2.45 Road from Safford to Fort Grant bars N. and S.
- 19.25 River fence bars N. and S. has timber and undergrowth
- 21.59 West edge of N. E. Sisson's meadow, 6.00 chs from N. to S.
 filled with water, about 5 ft deep. begin gradual ascent from rimga bottom.
- 22.00 N. Grand dyke, about 30.00 chs N.
- 23.52 Sisson's fence bars 5.00 chs N.
- 24.00 E. edge of meadow.
- 25.00 Arabian well, bars 30 chs S.
- 26.00 Lane, bars N. and S.
- 30.19 River fence bars N. and S. inter fields.
- 31.60 Small field; winter and undergrowth.
- 37.38 River fence bars N. and S.
- 37.39 Old & sec. cor. point ascertained by old bearing tree. Per-
 manent establish cor. at same place as follows:
 Set a pine post, 3 ft. long, 4 ins sq, 24 ins in the ground,
 for 4 sec. cor. marked 4 S. 32 on N. face of same which
 a mesquite, 12 ins diam, bars N. 20° E, 29 chs dist, marked
 4 S. 32 B.S.
- A tricot, 2 ins diam, bars N. 52° W, 178 chs dist, marked
 4 S. 32 B.S.
- From this cor., the old cor. of secs 32 and 33 bar East.
 3 run on S run East.
- 39.00 Old sec. cor. which is an old stake lying on the ground, &
 permanent cor. at same place as follows:
 Set a pine post, 3 ft long, 4 ins sq, 24 ins in the ground,
 for cor. of sec 32 and 33

Borough of the S. bdy of 38 S, R 26 E.

Chains

(OK)

marked 38 S 8 33 on N.E. and
R 26 E 8 32 on N.W. with 2 notches on N. and 4 notches on E. edge/
from which
A mesquite, 7 ins diam, bears N. 20° E, 20 lbs dist, marked
38 S R 26 E 8 33 B.S.
A mesquite, 8 ins diam, bears N. 41° E. W., 168 lbs dist, marked
38 S R 26 E 8 32 B.S.
Sand, hard and gritty milling.
Soil, sandy loam, end rate.
Timber, mesquite and locust; undergrowth, mesquite, locust
and cacti.
Dense undergrowth, 64.45 chs.

Given sec cor of sec 32 and 33, ^{1/4} cor of sec 33 bears East.
Thompson 8 mm
East, on S. bdy. of sec 33
Over nearly level land, through dense undergrowth.
2.00 Station house, bears 150 lbs N.
3.00 Spring bears 3.00 chs N.
3.75 Artesian well bears 100 lbs N.
9.17 Spring road, bears N. and by
20.00 House, bears about 2.00 chs N.

29.50 Dry wash, 10 lbs wide, course N. Westly.
39.65 Old 1/4 sec. cor. point determined by old bearing from 8 established
at same point as follows:

(OK)

Set a firm post, 3 ft long, 4 ins sq, with charred stake, 24
ins in the ground, for 1/4 sec. cor. marked 38 S 33 on N. face
dig pits 18 x 18 x 12 ins, E. and W. of post, 3 ft dist and rig a
rod of north 3 1/2 ft long, 1 1/2 ft high N. of post, 20 lb dist
From this cor. the old cor. of sec 32 and 33 bears East, through trees near
8 mm East

10.42 Dry wash, 10 lbs wide, course N. Westly.
26.67 Dry wash, 15 lbs wide, course N. Westly.
36.74 Road from Safford to Riley, bears N. E. and S. W.
39.75 Old sec cor point determined by old bearing from 8 established
cor at same point as follows:
Set a firm post, 3 ft long, 4 ins sq, 24 ins in the ground,
for cor of sec 32 and 33, marked
38 S 34 on N.E. and
R 26 E 8 33 on N.W. face, with 2 notches on N. and E. edge/
from which

Chains

(80)

A magint, 16 ins diam, bears N. 49° E, 123 lbs dist, marked
P 8 S R 26 E S 34 B S.

A magint, 4 ins diam, bears N. 76° W, 167 lbs dist, marked
P 8 S R 26 E S 33 B S.

Land, nearly flat.

Soil, sandy loam and gravelly, and much good water.

Timber, scattering magints; sandalwood, tratal, magints,
yucca and cacti.

Dress sandalwood, 79.43 lbs.

May 11: At this ev I set 15° 8' N on the dial. arc, and at
11:55, l.m.t. I observed the sun on the meridian, the resulting
lat. is 32° 40' N, or within 01' of the proper lat.

From ev. of ³³ and 34, the old $\frac{1}{4}$ ev. of sec 34 bears
S. 89° 52' E, therefore I run
S. 89° 52' E. on S. bdy. of sec 34.

Over gradually rising ground, through dense tratal and
cacti undergrowth.

8.00 Sub. of gently rolling mesa, bears N. and S. into dense grassland.

12.20 Band, bears N. N. and S. E.

15.95 Dry wash, 10 lbs wide, courses N. Westerly.

22.25 Dry wash, 15 lbs wide, courses N. Westerly.

32.95 Band, bears N. E. and S. W.

35.00 Dry wash, 15 lbs wide, courses N. Westerly.

39.95 Old $\frac{1}{4}$ sec ev. point determined by old bearing tree, ^{which is a jagged stump.} I established

ev. at same point as follows:

8.10 Set a pine post, 3 ft long, 4 ins sq., with charred stake, 24
ins in the ground, for $\frac{1}{4}$ sec, marked $\frac{1}{4}$ S 34 on N
face; dig pits 18 x 18 x 12 ins E. and W. of post, 3 ft
dist, and raise a mound of earth 2 ft base, 12 ft high, N. of
ev. as usual.

From this ev. the old ev. of sec 34 and 35 bears East,
therefore I run East.

28.05 Sub., bears N. and S. thence over rolling mesa.

39.68 Old sec ev. point determined by old bearing tree, I estab-
lish ev. at same point as follows:

Set a sandstone, 20 x 8 x 6 ins, ¹⁵ ins in the ground, for ev. of
sec 34 and 35, marked with 4 notches on N. and 2 notches
on E. edge; dig pits 24 x 24 x 12 ins in each, 2 ft dist, and
raise a mound of earth 4 ft base, 2 ft high, N. of ev.
ground rolling.

Resurvey of the S. bdy of S & S, B 26 E.

Abundant

Soil, sandy loam, 2nd and 3rd wash.
Timber, scattering mesquites, undergrowth, huala, grasswood,
mesquites, yucca and cacti.
Dense undergrowth, 79.63 chs.

From top of sec 34 and 35, the old 1/4 cor of sec 35 bears
East, therefrom S run
East, on S. bdy. of sec 35.

5.25

Over gently rolling land, through dense grasswood undergrowth.
Dry wash, 25 lbs upch, course Northwaly.

39.88

Old 1/4 sec cor, which is a decayed stake. Reestablish cor
at same point as follows:

(12)

Set a firm post 3 ft long, 4 in sq, 24 in in the ground, for
1/4 sec cor, marked 1/4 S 35 on N face, from which
A mesquite, 12 in diam, bears N. 59° E, 73 lbs dist, marked
1/4 S 35 B S.

A mesquite 4 in diam, ^{wood} N. 1/2° E, 150 lbs dist, marked
1/4 S 35 B S.

From this cor. the old cor of sec 35 and 36 bears N. 89° 34' E,
therefrom S run.
N. 89° 34' E.

39.90

Old sec cor, which is a decayed (mesquite) stake. Reestablish
cor at same point as follows:

(12)

Set a firm post, 3 ft long, 4 in sq, 24 in in the ground, for cor
of sec 35 and 36, marked

S & S 36 on N.E. and
B 26 E & S 35 on N.W. face, with 5 notches on N. and 1 notch on
E. edge, from which

A mesquite, 5 in diam, bears N. 70 1/2° E, 135 lbs dist, marked
S & S B 26 E & S 36 B S.

A mesquite, 6 in diam, bears N. 12° N, 44 lbs dist, marked
S & S B 26 E & S 35 B S.

Land, level and gently rolling.
Soil, sandy loam and gravelly; 2nd and 3rd wash.
Timber, scattering mesquites, undergrowth, huala, mesquite,
grasswood, yucca and cacti.
Dense undergrowth, 79.71 chs.

From top of sec 35 and 36, the old 1/4 cor of sec 36 bears
East, therefrom S run
East, on S. bdy. of sec 36.

Over level land, through dense cactus and total undergrowth.

16.10 Dry wash, 15 lbs wide, course northerly

39.58 Old $\frac{1}{4}$ sec cor or decayed stake lying on the ground, with mark $\text{\textcircled{R}}$ nearly obliterated. I reestablish cor at same point as follows.

Set a pine post, 3 ft long, 4 in sq, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S 36 on N. face. from which

A total, 4 in diam, bears N. $26\frac{1}{2}^{\circ}$ W, 48 lbs, dist, marked $\frac{1}{4}$ S 36 B.S.

A mesquite, 8 in diam, bears N. $76\frac{1}{2}^{\circ}$ W, 150 lbs, dist, marked $\frac{1}{4}$ S 36 B.S.

From this cor. the old cor of Sps 8 and 9 S, R 26 ~~27~~ and 27 E, bears East, through B run East.

.47 Dry wash, 15 lbs wide, course N. Easterly.

14.82 Road, bears N. and S.

39.67 Old Sp cor. which is a decayed stake. I reestablish cor at same point as follows.

Set a pine post, 3 ft long, 4 in sq, with marked stone, 24 ins in the ground, for cor of Sps 8 and 9 S, R 26 and 27 E. marked

S 8 S 31 on N.E.

R 27 E S 6 on S.E.

S 9 S 81 on S.W. and

R 26 E S 36 on N.W. face, with 6 notches on each edge; dig pits 24 x 24 x 12 ins, on each line, N. E. and W. 4 ft, and S of post, 8 ft. dist., and raise a mound of earth 5 ft high, 22 ft high, S. of cor.

Land, gently, rolling and level.

Soil, sandy loam and gravelly; and under water.

Timber, scattering mesquites and total; undergrowth, total, yucca and cacti.

Dense undergrowth, 79.25 chs.

May 1, 1904.

May 2: At 7^h 30^m a.m., l.m.t., I set off $32^{\circ} 40' N$ on the lat wire. $15^{\circ} 23' N$ on the steel arc, and determined true meridian with the solar at the cor of Sps 8 and 9 S, R 26 and 27 E.

From this cor. the old $\frac{1}{4}$ cor of sec 6, S 9 S, R 27 E, bears $S 0^{\circ} 8' N$, through B run

$S 0^{\circ} 5' N$, on N. bdy. of sec 6.

Generally rising ground, through dense total undergrowth.

Resurvey of the W bdy of Dq S, R 27 E.

6.95

39.60

Old $\frac{1}{4}$ sec ev point determined by old bearing tree, ^{cut down by impact of water on old stump} & established ev. at same point as follows:
 Set a pine post, 3 ft long, 4 in sq, with charred stake, 24 in in the ground, for $\frac{1}{4}$ sec ev, marked $\frac{1}{4}$ S 6 on E. face; dig pits $18 \times 18 \times 18$ in, N. and S. of post 3 ft, dist. and raise a mound of earth $3\frac{1}{2}$ ft base, $\frac{1}{2}$ ft high, E. of ev.
 From this ev. the old ev. of sec 6 and 7 bears $S 0^{\circ} 8' W$, there-
 fore $\frac{1}{4}$ sec
 $S 0^{\circ} 8' W$.

39.72

Old sec ev point determined by old bearing tree, & established ev. at same point as follows. for ev. to sec 4 and 7 only.
 Set a pine post, 3 ft long, 4 in sq, with charred stake, 24 in in the ground, for ev. of sec 6 and 7, marked
 $S 9^{\circ} 8' 56''$ on N. E. and
 $R 27^{\circ} E S 7^{\circ}$ on S. E. with 1 notch on N. E. notch on S. edge; dig pits $24 \times 24 \times 24$ in, in each sec, 6 ft dist. and raise a mound of earth 4 ft base, 2 ft high, N. of ev.
 Ground, gently rolling.
 Soil, sandy and gravelly; 3rd water.
 Timber, scattering, mesquite, undergrowth, trees, grassland, general and earth
 Undergrowth, 79.22 etc.

From ev. of sec 6 and 7, the old $\frac{1}{4}$ ev. of sec 7 bears South, therefore $\frac{1}{4}$ sec South, on N. bdy. of sec 7.
 Over gradually rising ground, through small grassland and trees undergrowth.

6.95

22.90

39.60

Road, bears N. W. and S. E.
 Dry wash, as the wide, runs N. E. only.
 Old $\frac{1}{4}$ sec ev point determined by old bearing tree, & established ev. at the same point as follows. for ev. to sec 7 only
 Set a pine post, 3 ft long, 4 in sq, for $\frac{1}{4}$ sec ev, marked $\frac{1}{4}$ S 7 on E. face, and which
 A mesquite, 6 in diam, bears N. $18^{\circ} 4' E$, 114 lbs dist, marked $\frac{1}{4}$ S 7 B B
 A mesquite, 6 in diam, bears S $25^{\circ} 4' E$, 100 lbs dist, marked $\frac{1}{4}$ S 7 B B
 From this ev. the old ev. of sec 7 and 13 bears South.
 Therefore $\frac{1}{4}$ sec South.

chain

Resurvey of the old bdy of Sq S, R 2 E.

.40 Dry wash, 15 lbs wide, corner N. Westerly.
 18.30 Road, bears, N. N. Easterly and S. S. Westerly.
 39.53 In old ~~cor~~ of sres 7 and 18 is a decayed stake with marks
 sufficiently preserved to establish the identity of the cor. &
 establish cor. at same point as follows for sres 7 & 18 only.
 Set a pine post, 3 ft long, 4 ind sq., with charred stake, 2 1/2 ind
 ind in the ground, for cor of sres 7 and 18, marked
 Sq S 7 on N.E. and
 R 2 E S 18 on S.E. face, with 2 notches on N. and 4 notches
 S. edge, dig pits 24x24x12 ind, in each sres 6 ft dist, and
 raise a mound of earth 4 ft base, 2 ft high, E. of cor.
 Land, gently rolling.
 Soil, sandy and gravelly; sand natl.
 Timber, scattering mesquite; mesquite, locust, grasswood,
 yucca and oak.
 Dense undergrowth, 79.13 etc. ✓

From cor of sres 7 and 18, the old cor of sres 18 bears
 S 0° 41' W. 170 yds
 S 0° 41' W. on N. bdy of sres 18.
 Over gradually rising ground, through dense locust and grasswood
 undergrowth.
 39.70 Old decayed stake. Establish cor at same point as follows.
 Set a granite stone, 18x10x6 ind, 10 ind in the ground, for
 a section, marked 7 on S. face; dig pits 18x18x12 ind. ft.
 and S. of stone 3 ft dist and raise a mound of earth 6 ft
 base, 12 ft high, E. of cor.
 From this cor. the old cor. of sres 18 and 19 bears S 0° 41' W.
 through 8 yds
 S 0° 41' W.

12.75 Dry wash, 15 lbs wide, corner N. Easterly;
 39.70 Old and cor. which is a decayed stake lying on ground.
 Establish cor. at the same point as follows.
 Set a sandstone, 18x8x8 ind, 12 ind in the ground, for cor of
 sres 18 and 19, marked with 3 notches on N. and S. edge,
 dig pits 24x24x12 ind. in each sres, ^{6 ft dist,} and raise a mound
 of earth 4 ft base, 2 ft high, E. of cor.
 Land, gently rolling.
 Soil, sandy and gravelly; sand natl.
 No timber, undergrowth, grasswood, locust, yucca and
 oak.

h. brass

Survey of the 1/4 Sec of S 19 & S 20 E.

Dense undergrowth, 79.40 chs.
May 27. At this cor. I set off 15° 26' N. on the decl. arc; and
at 12.5 m. f. m. t., observed the sun on the meridian. The resulting lat.
is 32° 38' N, or within 0' 1" of the proper lat.

From cor. of secs. 18 and 19 the old 1/4 cor. of sec. 19 bears S 0° 5' W,
therefore I run
S 0° 5' W, on N. bdy. of sec. 19.
Over growth on the land, through dense undergrowth.
12.00 Dry wash, 210 lbs wide, course N. Easterly, thence S.
35.88 Road bears N. E. and S. W.
39.70 Old 1/4 sec. cor. point determined by old bearing tree. I reestablish
cor. at same point as follows:
Set a pine post 3 ft long, 4 in sq., 24 in in the ground, for 1/4
sec. cor. marked 1/4 S 19 on E. face; from which
a mesquite, 7 in diam., bears N. 22° E. 91 the dist, marked
1/4 S 19 B.S.
A mesquite 4 in diam., bears S. 40° E, 51 the dist, marked 1/4 S 19 B.S.
From this cor. the old cor. of sec. 19 and 30 bears S. 0° 5' W, thence
I run
S 0° 5' W.

30.30 Dry wash, 30 lbs wide, course N. Easterly.
39.76 Old sec. cor. point determined by old bearing tree. I reestablish
cor. at same point as follows: see to secs. 19 and 30.
Set a pine post, 3 ft long, 4 in sq., 24 in in the ground, for
cor. of secs. 19 and 30, marked
S 9 S 19 on N. E. and
S 27 E S 30 on S. E. face, with 4 notches on N. and 2 notches
on S. edge. from which
A mesquite, 10 in diam., bears N. 77° E, 202 the dist, marked
S 9 S 19 E S 19 B.S.
A mesquite, 4 in diam., bears S. 57 1/2° E, 141 the dist, marked
S 9 S 19 E S 30 B.S.

Land, rolling.
Soil, sandy and gravelly; 3rd notch
timber, scattering mesquites, ^{undergrowth,} grass, brush, general and
cacti.
Dense undergrowth, 79.40 chs.

From cor. of secs. 19 and 30 the old 1/4 cor. of sec. 30 bears
S 0° 20' W, therefore I run

Chain

13.70 Dry wash, 30 lbs wide, course N. Easterly.
 39.46 Old $\frac{1}{4}$ sec cor. which is a decayed stake. I establish cor at same point as follows.

Set a pine post 3 ft long, 4 in sq, with charred stake, 24 in in the ground, for $\frac{1}{4}$ sec cor. marked 4 S 30 on E. face. dig pits 18x18x12 in, N. and S. of post 3 ft dist, and raise mound of earth $3\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, E. of cor.

From this cor. the old cor of sec 30 and 31 bears S 0° 20' N, therefore I run S 0° 20' N.

39.91 Find old sec cor stake lying on the ground. I establish cor at same point as follows.

Set a pine post, 3 ft long, 4 in sq, with charred stake, 24 in in the ground, for cor. of sec 30 and 31, marked 30 S 30 on N. E. and

R 27 E S 31 on S. E. face, with 5 notches on N. and 1 notch on S. edge, dig pits 24x24x12 in, in each, sep. 6 ft dist and raise mound of earth 4 ft base, 2 ft high, E. of cor.

Land, mostly ^{rolling} and level. Soil, sandy and gravelly, 3rd rate. No timber, undergrowth, brush, grasswood, yucca and cereals.

Dense undergrowth, 79.37 chs.

From cor of sec 30 and 31 the old $\frac{1}{4}$ cor of sec 31 bears S 0° 32' N, therefore I run S 0° 32' N. on N. bdy of sec 31.

Over gently rolling land through dense undergrowth. Dry wash, 20 lbs wide, course Easterly.

39.52 Old $\frac{1}{4}$ sec cor. which is a decayed stake. I establish cor. at same point as follows.

Set a pine post, 3 ft long, 4 in sq, with charred stake, 24 in in the ground, for $\frac{1}{4}$ sec cor. marked 4 S 31 on E. face. dig pits 18x18x12 in, N. and S. of post 3 ft dist, and raise mound of earth $3\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, E. of cor.

From this cor. the cor of S 9 and 10 S, R 26 and 27 E, bears S 0° 32' N, therefore I run S 0° 32' N.

39.55 Dry wash, 30 lbs wide, course Easterly.

Chimel

Traverse of the E. side of 319 S. R 27 E.

39.96 E. line of 319 S and 10 S. R 26 and 27 E, as hereafter described.
 Land, gently rolling.
 Soil, gravelly; 3rd rank.
 No timber. Undergrowth, hoptal, grasswood, yucca and cacti.
 Undergrowth, 79.48 ac.

Philip Couzzer
 W. S. Deputy Surveyor.

For General Description see notes of Subdivisions
 of 19 S. R 26 E.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

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LIST OF NAMES.

BOOK 1829

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

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 and East boundaries of S 9 S, R 26 E,

showing the respective capacities in which they acted:

John M. Gray, Chainman.

E. C. Dietrich, Chainman.

Buck Cash, Moundman.

Rafael Martinez, Axman.

Claud Lee, Axman.

Charles R. Gould, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Philip Cortzen

United States Deputy Surveyor, in surveying all those parts or portions of the North and East boundaries of S 9 S, R 26 E,

Salt River meridian, Territory of Arizona, of the Gila and ... 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

John M. Gray, Chainman.

Edgar C. Dietrich, Chainman.

Buck Cash, Moundman.

Buck Cash, Moundman.

Claud Lee, Axman.

Rafael Martinez, Axman.

Charles R. Gould, Flagman.

Subscribed and sworn to before me this 2nd day of May, 189 1904.



Philip Cortzen, U. S. Deputy Surveyor (no notary available)

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BOOK 1829

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Philip Contzen, 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 10 day of February, 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 ^{re} all those parts or portions of the North and East boundaries of T. 9 S., R. 26 E.

Salt River of the Gila 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 Contzen
United States Deputy Surveyor.

Subscribed by said Philip Contzen, and sworn to before me }
this 17 day of May, 1904, 189

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



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Thomas, A. T., October 31, 189 1904

The foregoing field notes of the ^{re} survey of the South Bdy of T. 8 S., R. 26 E. and the West Bdy of T. 9 S., R. 27 E. of the Gila and Salt River Base and Meridian

executed by Philip Contzen under his contract No. 110, dated February 10th, 1904, 189, 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.