

S. N. - W. BOUNDARIES

T 23 S R 21 E

N. BOUNDARY

T 23 S. R 20 E

BOOK 1578

CONTRACT 87

PH. CONTZEN
U. S. DEP. SUR.

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BOOK 1578

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Field Notes 15781

Of the survey of the
South, North and West Boundaries

- of
Township No. 23 South, Range No. 21 East

- and -

North Boundary

- of -

Township No. 23 South, Range No. 20 East

- of the -

Gila and Salt River Basins and Meridian

In the

Territory of Arizona

As surveyed by

Philip Conzen

U. S. Deputy Surveyor

Under his contract No. 87.

Dated August 24, 1901.

Survey commenced October 13, 1901.

Survey completed October 17, 1901.

Book No 1578

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12 27 7

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25 35 30

23 S, R 21 E

36

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South boundary of S 23 S, R 21 E - Continued.

Chains

Survey commenced October 13, 1901, and executed with a W & L. E. Lerby light mountain transit No. 4607, as heretofore described.

I begin at the cor of Sps 23 and 24 S, R 21 and 22 E, as heretofore described, and at 7^h 35^m a m, l m, I set off 3123' on the lat arc, 7.39' S on the decl arc, and determine true meridian with the solar.

Thence I run

West on a true line bet secs 1 and 36.

Over level land.

4000

Set a pine post, 3 ft long, 4 ins sq, with marked stones, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 36 on N and S 1 on S faces; dig pits 18 x 18 x 12 ins, E and W

South boundary of S 23 S, R 2 E Continued.

Chains
 of post, 3 ft dist, and raise a mound of earth 3 1/2 ft base, 1 1/2 ft high, N of cor.

80.00 Set a pine post, 3 ft long, 4 ins sq, with marked staves, 24 ins in the ground, for cor of secs 1, 2, 35 and 36, marked

S 23 S, S 36 on N E.

R 2 E, S 1 on S E.

S 24 S, S 2 on S W, and

S 35 on N W faces, with 1 notch on E and 5 notches on W 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 cor.

Land, level.

Soil, granully; 2^d and 3^d rate.
 No timber.

6
 South boundary of Sec 23 S, R 21 E - Continued.

Chain's West on a true line bet secs 2
 and 36.

Over level land.

40.00 Set a pine post, 3 ft long, 4 ins sq,
 with marked stone, 24 ins in the
 ground, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$
 S 35 on N and S 2 on S faces;
 dig pits 18x18x12 ins, E and W of
 post, 3 ft dist, and raise a mound
 of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high,
 N of cor.

80.00 Set a pine post, 3 ft long, 4 ins
 sq, with marked stone, 24 ins
 in the ground, for cor of secs
 2, 3, 34 and 35, marked
 S 23 S, S 35 on NE,
 R 21 E, S 2 on SE
 S 24 S, S 3 on SW and
 S 34 on NW faces, with 2'

South boundary of S²³ S. R²¹ E - Continued

Chains

notches on E and 4 notches on
W edges; dig pits 18x18x12 ins
each, 5¹/₂ ft dist, and raise
a mound of earth 4 ft base, 2
ft high, N of cor.

Land, level.

Soil, gravelly; 2^d and 3^d rate.

No timber.

West on a true line bet sees 3
and 34.

Over level land.

4.000 Set a pine post, 3 ft long, 4 ins sq,
with marked stone, 24 ins in the ground,
for ¹/₄ sec ea, marked ¹/₄ S 34 on N
and S on S faces; dig pits
18x18x12 ins, E and W of post, 3
ft dist, and raise a mound of
earth 3¹/₂ ft base, 1¹/₂ ft high, N of

South boundary of T₂₃ S. R₂₁ E - continued
 Charris, cor.

43.50 Road to Montezuma canyon, bars
 NE and SW.

8000 Set a sandstone 18x10x7 ins, 12
 ins in the ground, for cor of secs
 3, 4, 33 and 34, marked with 3
 notches on E and W edges; dig
 pits 18x18x12 ins, in each sec, 5-
 ft dist, and raise a mound of
 earth 4 ft base, 2 ft high, W
 of cor.

Level level.

Soil, gravelly; 2^d rate.

No timber.

West on a true line bet secs
 4 and 33.

Over level land

4000 Set a granite stone 18x10x8 ins, 12

South boundary of Sec 25 T. 16. S. R. 18. W. - Continued

BOOK 1578

Chains

ins in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ 33 on N and 4 on S
faces; dig pits $18 \times 18 \times 12$ ins, E and
W of post, 5 ft dist, and raise a
mound of earth $3\frac{1}{2}$ ft base, 2 ft
high, N of cor.

44.00 Wash, 25 lbs wide, course S easterly

48.00 Cross above wash, course N
easterly.

57.00 Road, bears NE and SW

67.00 Cross above road, bears NW
and SE.

80.00 Set a granite stone $18 \times 8 \times 6$ ins, 12
ins in the ground, for cor of sec
4, 5, 32 and 33, marked with 4
notches on E and 2 notches on
W edges; dig pits $18 \times 18 \times 12$ ins in
each sec, 5 ft dist, and raise
a mound of earth 4 ft base, 2 ft

South boundary of Sec 3, R 21 E - Continued

Chiciss

High; W of cor.

Good level.

Soil, gravelly; 2^d and 3^d rate.

No timber.

Went on a true line bet secs
5 and 32.

Over level land.

28.50

Wash, 20 lbs wide, course N easterly
and ascend.

4.00

Set a porphyry stone, 18 x 12 x 6 ins, 12
ins in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ S 35 on N and 5 on S
faces; from which an oak 10 ins diam,
bears S 73° W, 44 lbs dist, marked
 $\frac{1}{4}$ S 5, B. 7.

An oak 12 ins diam, bears
N 10° W, 44 lbs dist, marked
 $\frac{1}{4}$ S 32, B. 7.

South boundary of P 23 S, R 21 E - Continued.

Chains

42.00

Prospect hole.

54.00

Top of N slope of ascent, and descent.

71.60

Trench, 20 lbs wide, course N easterly, and ascent.

80.00

Set a porphyry stone, 18 x 12 x 10 ins, 12 ins in the ground, for cor of sees 5, 6, 31 and 32, marked with 5 notches on E end, 1 notch on W edge, from which an oak 4 ins diam, bears $N 86^{\circ} E$, 83 lbs dist, marked P 23 S, R 21 E, S 2 B. 7.An oak 4 ins diam, bears $S 62^{\circ} E$, 19 lbs dist, marked P 24 S, R 21 E, S 5, B. 7.An oak 6 ins diam, bears $S 42^{\circ} W$, 19 lbs dist, marked P 24 S, R 21 E, S 6, B. 7.An oak 6 ins diam, bears $N 73^{\circ} W$,

South boundary of T₂₃S, R₂₁E - Continued

2 Chains 82 chs, dist marked T₂₃S, R₂₁E,
S₃₁, B. 71.

Land, mountainous and level.

Soil, gravelly and rocky; 3^d
and 4th rate.

Timber, oak; undergrowth, cran-
ganite and oak brush.

Mountainous land, 51.50 chs.

At this point I discontinue on
account of high mountains.

October 13, 1901.

General Description.

The eastern portion of T₂₄S,
R₂₁E, is level and rolling
land, covered with rich and
nutritious grasses. The western
portion of the township lies in

South boundary of Sec 5, R. 21 E. T. 6 N. 14 W.

Chains

the Knoch mountains. Oak
timber abounds on the slopes, and
in the canyons are found sycamore,
walnut and cottonwood.

Philip Conzert

U. S. Army Surgeon.

North boundary of T₂₃ S, R₂₁ E - continued
 Chavis

October 14, 1901. The extreme west end of the south boundary and the greater portion of the south end of the west boundary of this township being impracticable to survey on account of high and abrupt mountains I find it necessary to survey the north boundary of the township.

Commence at the cor of T₂₂ S and 23 S, R₂₁ and 22 E, as heretofore described.

At 7^h 52^m a.m. Set out 31.28' on the lat arc, 8.00' S on the decl arc and determine a true meridian with the solar.

Placer Point

West on a true line bet sees 1 and 36.

North boundary of P. 23 S, R. 21 E - continued

Chain

Over rolling land.

Through dense mesquite.

11,000 Leave dense and enter scattering mesquite, bears N and S.

19.70 Walk 10 lbs wide, corners N & easterly.

4,000 Set a red wood post, 3 ft long, 4 ins sq with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ S 26 on N and S 1 on S face; dig pits 18x18x12 ins, E and W of post, 3 ft dist, and raise a mound of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, N of cor.8,000 Set a red wood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for cor of secs 1, 2, 35 and 36, marked
P. 23 S, S 26 on N E,
R. 21 E, S 1 on S E.

North boundary of Sec 3 S, R 21 E - Continued

Chains

Sec 3 S, Sec on SW and
S 35 on NW faces. with notch
on E ends notches on W edges.
dig pits 18x18x12 ins, in each sec.
50 ft dist, and raise a mound
of earth 4 ft base, 2 ft high,
W of cor.

Land rolling.

Soil, sandy and gravelly; 2^d and
3^d rate.

No timber, undergrowth mesquite.
Dense undergrowth, 1,000 Ches.

Nest on a tree line bet sec
2 and 35.

Very level and rolling land.
Through scattering mesquite.

4,000

Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24

North boundary of Sec 3, R 21 E - continued
Chairs

ins in the ground, for $\frac{1}{4}$ sec cor.
marked # 33 on N and S 2 on
S faces; dig pits 18x18x12 ins, E
and W of post, 3 ft. dist, and raise
a mound of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$
ft high, N of cor.

69.15 - Wash, 90 lbs wide, course N easterly
and leave scattering mesquite,
oars N and S.

80.00 Set a redwood post, 3 ft long, 4 ins
sq, with marked stone, 24 ins in
the ground, for cor. of secs 2, 3, 34
and 35, marked

Sec 3, S 35 on NE; R 21 E,
S 2 on SE,

Sec 3, S 3 on SW and

S 34 on NW faces, with 2 notches
on E and 4 notches on W edges; dig
pits 18x18x12 ins, in each sec, 3 $\frac{1}{2}$

North boundary of Sec 23 S, R. 1 E - continued

Chain

ft. dist, and raise a mound of earth 4 ft base, 2 ft high, W of cor.

Land, level and rolling.

Soil, sandy and gravelly; 2^d and 3^d rates.

No timber; undergrowth, scattering
mosquitoes.

Went on a true line bet 3223
3, and 34.

Over level land.

4.000 Set a redwood post, 3 ft long, 4
ins sq, with marked stone, 24
ins in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ S 34 on N, and S 30 N
S faces; dug pits 18 x 18 x 12 ins,
E and W of post, 3 ft. dist, and
raised a mound of earth $3\frac{1}{2}$ ft

North boundary of Sec 3, Co 2, E-Continued.

- Chains
- base, $1\frac{1}{2}$ ft high, N of cor.
- 55.00 Enter Wash, course N easterly.
- 58.00 Leave Wash.
- 60.00 Entered scattering mesquite, bears NE
and SW.
- 80.00 Set a rounded post, 3 ft long, 4 ins
sq. with marked stone, 24 ins in
the ground, for cor of secs 3, 4, 33
and 34, marked
- Sec 3, S 34 on NE,
Co 2, E, S 3 on SE,
Sec 3, S 4 on SW, and
S 33 on NW faces, with 3 notches
on E and W edges, and raised a
mound of stone 2 ft base $1\frac{1}{2}$ ft
high, W of cor. Too impracticable.
Level level.
- Soil, sandy and gravelly; 2^d and 3^d
rate.

North boundary of Sec 5, R. 21 E - Continued.

Chains

No timber; underground, scattering mesquite and juncos.

West on a true line bet sees 4 and 33.

Over level land.

Through scattering mesquite.

2.000 Cross mesquite, bears N and S.

34.00 Wash 20 lbs wide, course N & S.

37.00 N. E. bank of wash.

4.000 Set a sandstone 18x10x8 ins, 12 ins in the ground, for 4 sec ev. marked 4 33 on N and 4 on S faces, and raise a mound of stone 2 ft base, 12 ft high, N of ev. Ditto impracticable.

8.000 Set a granite stone 18x10x8 ins, 12 ins in the ground, for ev of sees 4, 5, 32 and 33, marked with 4 notches

North boundary of T₂₃ S, R₂₁ E - Continued.

Chain on E and 2 notches on W edges; dig pits 18x18x12 ins in each sec, 5 1/2 ft dist, and raise a mound of earth 4 ft base, 2 ft high, W of cor.

Level, level.

Soil, sandy and gravelly; 2^d and 3^d rate.

No timber; undergrowth, scattering mesquite.

West on a true line bet^s secs 5 and 32.

Over level land.

23.00 Telephone line from reservoir to Pumbston, bears N 27 1/2° E and S 37 1/2° W.

29.80 Road to St. Venachnea, bears N 10° W and S 80° E.

40.00 Set a redwood post, 3 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for 1/4 sec cor, marked

North boundary of P23 S, R21 E - continued

Chain

$\frac{1}{4}$ S 32 on N and S 5 on S faces.
dig pits 18x18x12 ins, E and W of
post, 5 ft. dist, and raise a mound
of earth 32 ft base, 12 ft high, N
of cor.

78.40

Bound, bears NW and S.E.

80.00

Set a granite stone 18x8x8 ins, 12
ins in the ground, for cor of sees
5, 6, 31 and 32, marked with 5 notches
on E and 1 notch on W edges, and
raise a mound of stone 8 ft base,
12 ft high, W of cor. Pits in-
macticable.

Land, level.

Soil, gravelly; 2^d and 3^d rates.

No timber.

West on a true line bet sees 2
and 31.

North boundary of P 23 S, R 21 E - Continued

Chains

Over level land.

40.00

Set a granite stone, 18 x 10 x 8 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ 31 on N and E on S faces; dig pits 18 x 18 x 12 ins, E and W of post, 3 ft dist, and raise a mound of earth 3 $\frac{1}{2}$ ft base, 1 $\frac{1}{2}$ ft high, N of cor.

79.12

Set a granite stone 18 x 8 x 8 ins, 12 ins in the ground, for cor of Sps 22 and 23 S, Ps 20 and 21 E, marked 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 stone 8 ft dist, and raise a mound of earth 5 ft base, 2 $\frac{1}{2}$ ft high, S of cor.
Land, level.

Soil, gravelly; 5th rate.

No timber.

October 14, 1901.

24
North boundary of Sec 3 S. R 21 E - concluded

General Description.

This line runs over level and rolling land. Sec 2 S, R 21 E, is level and rolling and covered with an abundant growth of nutritious grasses. The eastern portion of the township is covered with undergrowth.

Philip Couzens

U. S. Deputy Surveyor.

West boundary of Sec 5, R. 23 S., R. 21 E. - continued
Chains

Commences at the cor of Sp. 22 and 23 S., R. 20 and 21 E., as here-
tofore described.

October 15, 1901. At 4^h 50^m a.m., l.m.t.,
B set off 31.28' on the lat arc, 8.24' S
on the decl arc and determined
true meridian with the solar at
the above cor.

Plumer Run

Run in a true line bet secs 1
and 6.

Over level land.

6.45 Wash 30 lbs wide, course easterly.

18.30 Wash, 40 lbs wide, course easterly,
thru N easterly.

4.00 Set a granite stone, 18x8x6 ins, 12
ins in the ground, for $\frac{1}{4}$ sec cor,
marked $\frac{1}{4}$ on W and 6 on E faces;
dig pits 18x18x12 ins, N and S of stone.

West boundary of P23 S, R21 E - Continued

Chains

- 3 ft. dist, and raise a mound of earth 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W of cor.
- 44.97 Wire fence, bars NE and SW.
- 8.50 Concrete curb, bars in lks W.
- 19.20 Wash, 30 lks wide/course NE of stony house, bars as lks W.
- 8.00 Set a granite stone, 18x10x8 ins, 12 ins in the ground, for cor of secs 1, 6, 7 and 12, marked with 1 notch on N and 5 notches on S edges; from which a walnut 10 ins diam, bars N35°E, 55 lks dist, marked P23 S, R21 E, S6, B.T.
- A walnut 6 ins diam, bars S64 $\frac{1}{2}$ °E, 46 lks dist, marked P23 S, R21 E, S7, B.T.
- A walnut 6 ins diam, bars N22 $\frac{1}{2}$ °W, 93 lks dist, marked P23 S, R20 E,

West. boundary of Sec 3, R. 21 E. continued

Chain

S. 13.7'

A sycamore 24 ins diam, bears
S 59 1/2° W, 56 lks dist, marked Sec 3,
R. 21 E, S. 12, R. T.

Land, level and rolling.
Soil, gravelly and rocky; 3rd and
4th plat.
Timber, a few walnut, sycamore
and juncos.

Turn on a true line bet sec
7 and 12.

Over rolling land.

- 3.00 West 30 lks wide course N. E.
- 6.79 Wire fence, bears E and W
- 19.10 Road, bears N.W. and S. E.
- 19.50 School house, bears 10 chs W.
- 40.00 Set a granite stone, 18 x 10 x 8 ins,
12 ins in the ground, for 1/4 sec
cor, marked 1/4 12 on W and 7 on

West boundary of Sec 23 S, R 21 E continued

Chains

of fairs, and raised a mound of stone 2 ft base, 1 1/2 ft high, top of cor. fits impracticable.

43.40 Old wire fence, bars N 1/2 and S E,

45.63 Wash, 10 lbs wide, corner S easterly

47.82 Wire fence, bars N 1/2 and S E.

52.35 Wash, 10 lbs wide, corner easterly

67.00 Ascend N slope of ridge.

80.00 Set a granite stone, 18x10x6 ins, 12 ins in the ground, for cor of sec 7, 12, 13 and 18, marked with 2 notches on N and 4 notches on S edges, from which an oak 15 ins diam, bars N 74 1/2° E, 228 lbs dist, marked Sec 23 S, R 21 E, S 7, B. 57.

An oak 15 ins diam, bars S 37° E, 127 lbs dist, marked Sec 23 S, R 21 E, S 8, B. 57.

An oak 6 ins diam, bars S 20 1/4° W,

West boundary of T23 S, R21 E - Continued

Chains

marked T23 S, R20 E, S13, B.T.

An oak 12 ins diam, bears N20° W,
74 lbs. dist, marked T23 S, R20 E,
S12, B.T.

Land, rolling and mountainous.

Soil, gravelly and rocky; 3" and 4" rats.

Timber, scattering oak.

Mountainous land, 13.00 lbs.

South on a true line but sees
13 and 18.

Over mountainous land.

Ascending.

6.00 Top of ridge, bears NE and SW;
descend.12.80 Foot of gulch 20 lbs wide, course
N westerly; ascend.

22.00 Top of spur, bears NE and SW;

West boundary of S 23 S, R 21 E Continued
Chains

- descend.
- 27.00 Foot of descent; gulch 10 lks wide, course easterly, and ascend.
- 40.00 Set a sandstone 18 x 14 x 8 ins, 12 ins in the ground, for 4 sec cor, marked $\frac{1}{4}$ 13 on W and 18 on E faces; from which an oak 10 ins diam, bears S 33 $\frac{1}{2}$ ° E, 120 lks dist, marked $\frac{1}{4}$ S 18, B. 57.
- An oak 12 ins diam, bears S 27° W, 57 lks dist, marked $\frac{1}{4}$ S 13, B. 57.
- 42.00 Top of ridge, bears NW and SE, and descend.
- 52.60 Foot; gulch 10 lks wide, course S easterly.
- 55.90 Wash, 20 lks wide, course S easterly
- 60.10 Telephone line to Tombstone, bears N 50° E, and S 50° W.
- 62.15 Wash, 20 lks wide, course N easterly.

West boundary of Sec 3 S, R 21 E - continued.

- Chains
 63.56 Wire fence, bars E and W.
 65.00 Hollenstain house, bars 4 chs W.
 67.28 Wire fence, bars E and W.
 68.30 Wire fence, bars E and W.
 70.00 Enter heavily timbered land.
 72.00 Creek, 20 chs wide, course S easterly
 79.70 Wire fence, bars E and W.
 80.00 Set a granite stone 18 x 8 x 6 ins, 12
 ins in the ground, for cor of sec
 13, 18, 19, and 24, marked with 3
 notches on N and S edges, from
 which an oak 16 ins diam, bars
 N, 18 $\frac{1}{2}$ ° E, 45 lbs dist, marked Sec 3 S,
 R 21 E, S 18, B. 7.
 An oak 12 ins diam, bars S 64° E,
 70 lbs dist, marked Sec 3 S, R 21 E,
 S 19, B. 7.
 An oak 10 ins diam, bars S 86° W,
 87 lbs dist, marked Sec 3 S, R 20 E,

32
 West boundary of Sec 13, R 21 E - Continued

Chains

S 24, B. 7'

An oak, 10 ins diam, bears $73^{\circ} 14'$,
 126 lbs dist, marked S 23 S, R 21 E,
 S 13, B. 7'

Land mountainous.

Soil, gravelly and stony; 8° and 4°
 rate.

Timber, oak.

Mountainous or fraily timbered
 land, 8,000 lbs.

October 16, 1901.

October 16, 1901.

South on a true line bet sees 19
 and 24.

Over mountainous land.

Ascending.

.30 Wood fence, bears E and W.

86.00 Top of high ridge, bears E and

East boundary of P 23 S, R 21 E - Continued

- Chairs W, and descend.
- 39.10 Trail, bears N E, and S W.
- 40.00 Set a granite stone 18 x 12 x 7 ins, 12 ins in the ground, for $\frac{1}{4}$ sec cor, marked $\frac{1}{4}$ 24 on W and 19 on E faces; from which an oak 8 ins diam, bears N, $86\frac{1}{2}^{\circ}$ E, 67 lbs, dist, marked $\frac{1}{4}$ S 19 B.T.
- An oak 8 ins diam, bears S 48° W, 113 lbs dist, marked $\frac{1}{4}$ S 24 B.T.
- 41.00 Foot, and ascend.
- 43.00 Top of ridge, bears N W and S E, descend.
- 60.50 Foot, gulch 20 lbs wide; course N westerly, and ascend steep ridge.
- 79.40 Top of ridge, bears E and W, and descend.
- 80.00 This point for sec cor falls on S.

West boundary of P 23 S, R 21 E - continued
Chains

side of granite bluff, 24 x 24 x 3 ft
above ground, on which is
cut a cross (x) at the exact cor point
for one of lines 19, 24, 25 and 30, marked
with 4 notches in N and 2 notches
on S sides of cross from which are oak 6
ins diam, bears N 23° E, 52 lbs dist,
marked P 23 S, R 21 E, S 19, B. 7.
An oak 24 ins diam, bears S 74° E,
57 lbs dist, marked P 23 S, R 21 E,
S 30, B. 7.
An oak 24 ins diam, bears S 50 1/2° W,
109 lbs dist, marked P 23 S, R 21 E,
S 25, B. 7.
An oak 20 ins diam, bears N 78 3/4° W,
127 lbs dist, marked P 23 S, R 20 E,
S 24, B. 7.

Land, mountainous.

Soil, gravelly and rocky; 3^d and 4th

West boundary of Sec 28 S, R 21 E - continued
rate.

Timber, oak, undergrowth, oak.
Mountainous land, 8000 chs.

Southward line bet secs
25 and 30.

Over mountainous land.

Descending steep ridge.

17.90 Wash, 10 lbs wide, course S 85° E.

18.30 Old road, bears E and W.

36.00 Lewis's spring, bears 24 chs E.

40.00 Set a sandstone 18 x 10 x 4 ins, 12
ins in the ground, for $\frac{1}{4}$ sec
cor, marked $\frac{1}{4}$ 25 on W and 30
on E faces, from which an
oak 10 ins diam, bears N 83 $\frac{1}{2}$ ° E,
70 lbs dist, marked $\frac{1}{4}$ S 30, B. T.
An oak 18 ins diam, bears S 41° W,
34 lbs dist, marked $\frac{1}{4}$ S 20, B. T.

West boundary of Sec 1, R 21 E -
Chances

At this point I discontinue this line, as the mountains to the south are extremely rough.

Land, mountainous.

Soil, gravelly and stony; 3^d and 4th rate.

Mountainous land, 4000 chs.

October 16, 1901.

General Description.

- - -

This line runs over mountainous and rolling land. There is considerable oak timber along the line.

Philip Costner
U. S. Deputy Surveyor.

North boundary of S 23 S, R 20 E

Chains

October 17, 1901. Commence at the cor of Sps 22 and 23 S, R 20 and 21 E, as heretofore described. At 7^h 40^m a.m. I set off 31²⁸ on the lat arc; 2:08' on the decl arc and determine a true meridian with the solar.

Thence Run

West on a true line bet secs 1 and 36.

Over level land.

26.45 Road, bears N E and S W.

40.00 Set a redwood post, 2 ft long, 4 ins sq, with marked stone, 24 ins in the ground, for $\frac{1}{4}$ sec cor. marked $\frac{1}{4}$ S 36 cor N and S1 on S paers, dug pits 18x18x12 ins, E and W of post, 3 ft dist, and raised a mound of earth 3'

North boundary of Sec 3, R. 20 E - continued.

Chains

- ft base, 1 1/2 ft high, N of cor.
 69.09 Round, brass N.W. and S.E.
 70.06 Wire fence, brass N.E. and S.W.
 80.00 Set a granite stone, 18 x 8 x 4 ins,
 12 ins in the ground, for cor
 of sees 1, 2, 35 and 36, marked
 with 1 notch on E and 5 notches
 on W edges, and raise a mound
 of stone 2 ft base, 1 1/2 ft high, N
 of cor. Sets impracticable. From
 this cor a mesquite 5 ins diam
 bears S, 26 W, 324 lbs dist, marked
 S. 23 S, R. 20 E, S. 2, 15.71

Land, level.

Soil, gravelly; 2 and 3 rated.
 No timber.West on a true line bet sees
 2 and 35.

North boundary of Sec 1, R 20 E - Continued
 Chains.

- Over level land.
- 30.85 Wash, 30 lbs wide, course \nearrow easterly
- 40.00 Set a granite stone, $18 \times 8 \times 6$ ins, 12
 ins in the ground, for $\frac{1}{4}$ sec cor,
 marked $\frac{1}{4}$ 35 on \nearrow and \searrow on S
 faces; dig pits $18 \times 18 \times 12$ ins, E and
 \nwarrow of post, 3 ft dist, and raise a
 mound of earth $3 \frac{1}{2}$ ft base, $1 \frac{1}{2}$
 ft high, \nearrow of cor.
- 59.70 Wire fence, bears $\nearrow 43^\circ$ E, and
 $\searrow 43^\circ$ W.
- 65.00 Wash, 45 lbs wide, course \nearrow easterly.
- 68.80 Wire fence, bears \nearrow W and \searrow E
- 80.00 Set a granite stone, $24 \times 6 \times 6$ ins, 18 ins
 in the ground, for cor of secs 2, 3,
 34 and 35, marked with 2 notches
 on E and 4 notches on W edges;
 dig pits $18 \times 18 \times 12$ ins, in each
 sec, $5 \frac{1}{2}$ ft dist, and raise a

North boundary of S 23 S, R 20 E - Continued.

Chains

in form of earth 4 ft base, 2 ft high, N of cor.

Level, level and rolling.

Soil, gravelly; 2^d and 3^d rate.

Timber, some sycamore along wash.

Wet on a true line bet see
3 and 34.

Over level land.

4.82 Center of lane, bears NE and SW.

2.000 Wash, 40 lbs wide, course N easterly

20.50 Ascend along N slope of ridge.

4.000 The point for $\frac{1}{4}$ see cor falls on

granite boulder in place, 8 x 3 x 4
ft above ground, on which

cut a cross (x), on N side of

boulder, at the exact corner point

for $\frac{1}{4}$ see cor, marked $\frac{1}{4}$ 34 on N

North boundary of P 23 S, R 20 E - continued

Chains

and 3 on S sides of cross, and
raise a mound of stone 2 ft base,
1 1/2 ft high, N of cor, from which
an oak, 8 ins diam, bears N, 43 1/4° W,
88 lbs dist, marked 1/4 S 3/4, B. T.

An oak, 5 ins diam, bears S, 57° W,
108 lbs dist, marked 1/4 S 3/4, B. T.

Discontinues on account of high
mountains.

Land, level and mountainous.

Soil, gravelly and rocky; 3^d and
4th rate.

Timber, oak.

Mountainous land, 19.80 chs.

October 17, 1901.

General Description.

-o-

The eastern portion of P 22 S

North boundary of Sec 1, R20 E - Concluded.

Chairs

R20 E, south of this line, is level and rolling land, covered with good grass. The eastern portion of the township lies in the Knaclinea mountains, and is embraced in the Fort Knaclinea Military Reservation. There are several settlers in the township.

Philip Couzgen
 U.S. Deputy Surveyor.

Pages

43-47

Non-EXISTANT.

Table of Latitudes, Departures and Closing Errors.

Course	Dist.	Latitudes		Departures	
		N.	S.	E.	W.
N. Bdy.					
West.	479.12				479.12
W. Bdy.					
South	320.00		320.00		
00° 03' E.	160.00		160.00	00.18	
P. Bdy.					
289° 57' E.	79.28		.09	79.28	
East	400.00			400.00	
E. Bdy.					
North	480.00	480.00			

Convergency

00.44

480.00 480.09 479.46 479.56
 480.00 479.46

Errors of Latitude 00.09 Errors of Dep. .10

APPROVAL.

OFFICE OF U. S. SURVEYOR GENERAL,

Tucson, Arizona, Feby. 5, 1902.

The foregoing field notes of survey of
South, North & West bds. T. 23, R. 21 E,
& North bds. T. 23, R. 20 E.

Gila & Salt River Meridian,

executed by Philip Contzen, Dep. Sur.
under his Contract No. 87-dated Aug. 24, 1901

having been critically examined, and the
necessary corrections and explanations made,
the said field notes and the surveys they
describe, are hereby approved.

Hugh H. Price

U. S. Surveyor General for Arizona.