

T 5 S. R 22 E 3
CONTRACT 53
P. CONTZEN
DEP. SUR
#

No. 640

BOOK 640

Subs.

640

4-671

FIELD NOTES
GENERAL LAND OFFICE.

Indexed, Book 638.

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Township 5S R. 22E

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Subdivision of T. 5. S. R. 22 E, continued
chains.

April 15, 1900, a r

S $89^{\circ} 56' W$, on a random line
bet. secs. 18 and 19.

Through dense Tewa undergrowth

40.00 set Temp. $\frac{1}{4}$ sec. cor.79.78 Intersect W. Bdy. of T. 4. 9 lks S
of cor. to secs 18. and 19.

Thence I run

East, on a true line
bet. secs. 18 and 19.

8.50 Wash 10 lks wide, course SEasterly

10.00 Enter Goodwin Valley course NEasterly

15.00 Road to Camp Goodwin, bears Easterly

26.00 Goodwin Wash 1.50 chs wide, course
Easterly39.78 Set a Granite stone $18 \times 10 \times 6$ ins.12 ins. in the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ S. 18. on N face
19. on S. face. from which

Subdivision of
chains

- a *Tesota* 8 ins. diam. bears
N. $173\frac{1}{2}$ lks. dist. marked
 $\frac{1}{4}$ S. 18. B.T.
- a mesquite 8 ins. diam. bears
S $2\frac{1}{2}$ ° N 265 lks. dist marked
 $\frac{1}{4}$ S. 19. B.T.
- 51.00 Leave Goodwin Valley, bears
N Easterly; leave dense
undergrowth and ascend
- 56.00 Wash 100 lks. wide, course N Westely
- 79.78 Th Cor. to secs. 17, 18, 19 and 20
Land level, rolling mountainous
Soil, sandy gravelly, 1st 2nd & 3rd rate
Timber, some mesquite, *Tesota*
and cedar.
undergrowth, *Tesota*
Land covered with dense
undergrowth and moun-
tainous 79.78 chs.

T. 5. S. R. 22 E, continued

chains

N 0° 03' W. bet. secs. 17 and 18.

1.00 Top of ridge bears E and W.

13.25 Top of ridge bears NW & SE

19.00 Wash 40 lks. wide, course N. Westerly

22.25 Wash 10 lks. wide, course N. Westerly

26.60 Wash 20 lks. wide, course N. W.

30.00 Enter Goodwin Valley, bears N Easterly;
and dense undergrowth

39.70 Wash 10 lks wide, course S. Easterly

40.00 Put a sand stone 18x10x7 ins.

12 ins. in the ground for $\frac{1}{4}$ sec.cor. marked $\frac{1}{4}$ S. 18. on W. face

17. on E. face, from which

a Tealâ 8 ins. diam. bears

N 69 $\frac{1}{2}$ ° W. 30 $\frac{1}{2}$ lks. dist. marked $\frac{1}{4}$ S. 18. 13 T.

A Jano 6 ins. diam. bears

S 43° E. 91 lks. dist. marked

 $\frac{1}{4}$ S. 17. 13 T.

Sub-division of

chains

57.15

Goodwin Wash 50 lks. wide,
course N. Easterly

60.00

Road to Camp Goodwin, bears
NE and SW.

73.00

Leave Goodwin Valley, bears
NEasterly; and leave dense
undergrowth

76.50

Wash 100 lks. wide, course SEasterly,
ascend

80.00

Set a granite stone 18x8x8 ins.
12 ins. in the ground for cor.
of secs. 7, 8, 17 and 18, marked
with 4 notches on S. and 5
notches on E edges.

from which

a mesquite 6 ins. diam. bears
N78 $\frac{1}{4}$ ° W, 170 lks dist. marked
T, S, R 22 E, S, 7, B, T. no other
trees within limits. raised a

T. 5 P. R. 22. E. continued

chains

mound of stones $2\frac{1}{2}$ ft base
 $1\frac{1}{2}$ ft. high, W. of cor. Pits
 impracticable.

Land level, rolling and mountainous
 Soil, gravelly, 1st 2nd & 3rd rate
 Timber, Mesquite, Tesota, Jans
 and a few scattering cedars.
 Undergrowth, mesquite & Tesota.
 Land mountainous and covered
 with dense undergrowth 80.00 chs.

East, on a random line
 bet secs. 8 and 17

40.00 set temp. $\frac{1}{4}$ sec. cor.

79.80 Intersect N and S line 18 lks S.
 of cor. to secs. 8, 9, 16 & 17

Thence I run

S $89^{\circ} 52'$ W. on a true line
 bet. secs. 8 and 17

Subdivision of

chains

ascending

- 1.30 Ridge bears N and S
- 2.80 Gulch 6 lks. wide, course, Northwly.
- 5.70 Ridge bears NW & SE
- 12.80 Enter Goodwin Valley, bears N Easterly; and dense undergrowth
- 14.00 Wash 10 lks wide, course N. Easterly
- 29.80 Wash 30 lks wide, course N. Easterly
- 36.80 Det a Granite Stone 18x8x5 ins
12 ins in the ground for witness
corner to $\frac{1}{4}$ sec. cor. marked
W.C. $\frac{1}{4}$ S. 8. on N. face. 17 on S.
face, from which
a Teseolū 10 ins. diam. bears
N58°W. 61 lks. dist. marked
W.C. $\frac{1}{4}$ S. 8. B.T.
a Jano 8 ins. diam. bears
S53 $\frac{1}{4}$ °E. 57 lks dist. marked

T. 5. N. R. 22 E. continued

chains

N.C. $\frac{1}{4}$ S. 17. B.T.

- 39.90 The point for $\frac{1}{4}$ sec. cor. comes in wash.
- 39.90 Goodwin Wash 40 lks. wide, course N. Easterly
- 45.80 Wash, 40 lks. wide, course N. Easterly
- 47.30 Wash 1.50 chs wide, course N. Easterly
- 56.80 Wash 20 lks. wide, course N. Easterly
- 67.80 Leave dense undergrowth
- 70.30 Road to Camp Goodwin, bears N. Easterly
- 72.80 Leave Goodwin Valley, bears N. Easterly; ascend.
- 79.80 The cor. to secs. 7, 8, 17 and 18
Land level and mountainous
Soil, gravelly, 1st 2nd & 3rd rate
Timber, scattering mesquite,
Jano & Tesolä,
Undergrowth Tesolä & mesquite

chains Sub-division of

thence resata undergrowth and
mountainous land 67.80 chs.

- West. on a random line
bet. secs. 7 and 18
- 40.00 set temp. $\frac{1}{4}$ sec. cor.
- 79.70 Intersect W. Bdy. of Tp. at
cor. to secs. 7 & 18.
- Thence I run
East. on a true line
bet. secs. 7 and 18.
- 10.00 Wash 20 lks. wide, course S Easterly
- 11.50 Wash 20 lks. wide, course S. Easterly; ^{resata}
- 15.60 Ridge bears NW & SE; descend
- 32.70 Wash 50 lks. wide, course S Easterly
- 39.70 Set a Granite Stone 18x8x8 ins.
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 7. on N.
face, 17. on S face

T5S. R22E, continued

chains.

from which a mesquite
6 ins. diam. bears S 79° E. 57 lks.
dist. marked 1/4 S. 17, 18 T.

no other trees within limits
and raised a mound of stones
2 1/2 ft base 1 1/2 ft. high. N of Cor.

39.90

Wash 4 lks. wide, course S. Easterly

48.70

Wash 100 lks. wide, course S. Easterly.

56.70

Enter wash, course S Easterly

59.70

Leave wash, course S. Easterly

68.30

Enter flat, bears Southerly

73.00

Leave flat, bears Southerly

74.20

Ridge bears NW + SE

76.20

Wash 4 lks. wide, course S. Easterly

79.70

The Cor. to secs. 7, 8, 17 + 18.

Land mountainous, rolling. level

Soil, gravelly 2nd + 3rd rate

No Timber

Undergrowth, greasewood + ocotillo

Mts. land 75. chs. April 16, 1900.

chains Subdivision of

- April 16, 1900 at 8.20 am, l.m.t.
 I set off $32^{\circ}59'$ on the lat. arc;
 $10^{\circ}07'$ on decl. arc, and determine
 a true meridian with the
 solar, at the cor. to secs. 7, 8, 17
 and 18.
- Thence I run
- | | |
|-------|--|
| 2.75 | Ridge bears NW & SE |
| 5.80 | Wash 10 lks. wide, course S Easterly |
| 15.00 | Wash 10 lks. wide course S. Easterly |
| 19.80 | Gulch 10 lks. wide, course S. Easterly |
| 23.00 | Gulch 20 lks. wide, course S. Easterly |
| 28.00 | Ridge bears NW and SE |
| 36.00 | Enter flat, bears S Easterly |
| 40.00 | Set a Granite Stone $18 \times 10 \times 8$ ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 7. on W. face, 8. on E. face, dig pits $18 \times 18 \times 12$ ins. |

T. 5. S. R. 22. E. continued

chains

- N and S. of cor. 3 ft. dist.
and raised a mound of earth
3½ ft base 1½ ft. high N. of cor.
- 43.60 Leave flat, bears S Easterly
- 46.70 Wash 80 lks. wide, course S Easterly
- 53.30 Wash 20 lks. wide, course S Easterly
- 54.20 Wash 20 lks. wide, course S Easterly
- 60.50 Gulch 100 lks. wide, course S Easterly
- 68.00 Ridge bears NW and S E.
- 70.90 Gulch 100 lks. wide, course S Easterly
- 76.50 Gulch 100 lks. wide, course S. Easterly
- 80.00 Set a Lime rock 18x12x10 ins
12 ins. in the ground for cor
of secs. 5, 6, 7 and 8. marked
with 5 notches on S and E
edges. and raised a mound
of stones 2½ ft. base 1½ ft high
N. of cor. Pits impracticable
Land mountainous

Subdivision of

chains

Soil, gravelly, 3rd rate,

No timber

Undergrowth, greasewood,
nopal and cactii.

Mountainous Land 76.40 chs

 N 89° 52' E. on a random line
bet. secs. 5 and 8.
40.00 set Temp. $\frac{1}{4}$ sec. cor.79.72 Intersect N & S line 6 lbs. S.
of cor. to secs. 4, 5, 8 and 9.

Thence I run

S 89° 49' W. on a true line
bet. secs. 5 and 8.

3.00 Enter wash, course S. Easterly

8.00 Leave wash, course S. Easterly

24.20 Wash 40 lbs. wide, course S. Easterly

37.50 Wash 10 lbs. wide, course Southerly

39.86 Set a Sandstone 18 x 12 x 8 ins.
12 ins. in the ground for $\frac{1}{4}$

T. 5 S. R. 22 E. continued

chains.

sec. cor. marked $\frac{1}{4}$ S. 5. on N face, 8. on S. face. and raised a mound of stones 2 $\frac{1}{2}$ ft base 1 $\frac{1}{2}$ ft. high. N. of cor. Pits impracticable.

60.25 Ridge bears NW, & SE.

71.00 Cañon 20 lks. wide, course S. easterly

76.50 Ridge bears NW and SE

79.72 The cor. to secs. 56, 7 & 8.

Land rolling and mountainous
Soil, gravelly, 3rd rate
No timber

Undergrowth, greasewood
nopah & cacti.

Mountainous Land 42.22 chs.

West, on a random line
bet. secs. 6 and 7.

40.00 set. temp. $\frac{1}{4}$ sec. cor.

79.62 Intersect W. Bdy of Tp. 21 lks.

Subdivision of

chains

- N of cor. to secs 6 & 7
Thence I run
N 89° 51' E on a true line
bet. secs. 6 & 7.
over rolling land.
- 33.00 Wash 100 lks. wide, course S Easterly
- 37.10 Ridge bears N N W.
- 39.62 Put a sand stone 18 x 8 x 8 ins.
12 ins. in the ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ S. 6. on N
face 7. on S face. and raised
a mound of stones 2 $\frac{1}{2}$ ft base
1 $\frac{1}{2}$ ft high. N of cor. Pits imprac-
ticable.
- 41.60 Wash 10 lks. wide, course S. Westerly
- 41.80 Wash 20 lks. wide, course S Westerly
- 51.60 Ridge bears NE & SW.
- 58.50 Gulch 20 lks. wide, course S Easterly
- 61.60 Ridge bears NW. and SE.

T5S, R22E, continued

chains

- 64.10 Gulch 10 lks. wide, course S. Easterly
 69.60 Ridge bears NW and SE.
 77.60 Gulch 20 lks. wide, course S. Easterly
 79.62 The cor. to secs. 5, 6, 7 and 8
 Land, Rolling.
 Soil, gravelly, 3rd rate
 No Timber
 Undergrowth, greasewood &
 acotillo.

N 0° 03' W. on a random
 line bet. secs. 5 and 6.

- 40.00 set Temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. Bdy. of Tp. at
 cor. to secs. 5 and 6
 Thence I run
 S 0° 03' E bet. secs. 5 and 6
 over mountainous land
 1.00 Wash 20 lks. wide, course SE

Subdivision of

chains

- 33.00 Wash 20 lks. wide, course S E
- 36.20 Ridge bears E and W
- 38.80 Foot of ridge
- 39.96⁷ Set a sand stone 18x8x8 ins.
12 ins. in the ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ S. 6. on
W. face. 5. on E face.
from which
a Tesotā 3 ins. diam. bears
N 63° W. 192 lks. dist. marked
 $\frac{1}{4}$ S. 6. B.T.
- A Tesotā 4 ins. diam bears
S 80° E. 115 lks. dist. marked
 $\frac{1}{4}$ S. 5. B.T.
- 40.20 Wash, 10 lks. wide, course S. Westerly
- 44.00 Ridge bears NW & SE
- 47.00 Gulch 5 lks. wide, course Easterly
- 51.40 Ridge bears NW, and S Easterly
- 55.75 Gulch 10 lks. wide, course S Easterly

T. 5. S. R. 22 E. concluded

chains

- 60.00 Ridge bears NW and S. Easterly
 72.00 Ridge bears NW and S. Easterly
 79.96 The cor. to secs. 5, 6, 7 and 8

Land mountainous

Soil, gravelly. 3rd rate.

No timber.

Undergrowth, greasewood,
nopal

Mountainous land 79.96 chs.

Apr. 16th 1900.

General description.

T. 5. S. R. 22. E.

This Township is level -
 rolling and mountainous.
 The soil along Black Rock
 Creek and Goodwin wash
 is generally rich black,
 sandy loam, capable of

producing abundant crops by irrigation. The greatest portion of the Township is covered with a good growth of rich and nutritious grasses, also with mesquite undergrowth; cottonwood, sycamore ash, Tesolá & mesquite is found along Black Rock Creek and Goodwin Wash. There is running water in Black Rock Creek during the winter and spring months. Goodwin Wash, however runs only during the rainy season July and August. There are several settlers in secs 29 and 32, who have made some substantial

improvements and have developed water by wells. A great portion of the lands in this Township can be reclaimed by the construction of a dam at the head of Black Rock creek.

Philip Contzen
U.S. Deputy Surveyor.

BOOK 121
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List of Names.

A List of the Names of the Individuals
employed by *Philip Conzger*
U. S. Deputy Surveyor, to assist in running, meas-
uring and marking the lines and corners described
in the foregoing Field Notes of the survey of the
Extreme and subdivi-
sional lines of
T. 5 S. R. 22 E. and
T. 6 S. R. 23 E.

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, showing the respective
capacities in which they acted.

Frank Davis Chainman.
W. H. Childers Chainman.
John Ormond Hays Chainman.
Martin Ranzy Chainman.
Aurelio Villa Axeman.
J. W. Childers Axeman.
Charlie King Flagman.

Final Oath of Assistants.

We hereby certify that we assisted *Philip*
Centzen U. S. Deputy Surveyor, in
 surveying all those parts or portions of the
exterior and subdivided
lines of Twp. 5 S. R. 22 E
and Twp. 6 S. R. 23 E

of the Gila and Salt River Base and Meridian, in
 the Territory of Arizona, as 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.

Frank Davis Chainman.

W. H. Childers Chainman.

John Leonard Stays Chainman.

Martin Ranzy Chainman.

J. W. Childers Axeman.

Aurelio Villa Axeman.

Charlie King Flagman.

Sworn to and subscribed before me, this *14th*

day of *June*, 18*91*

Philip Centzen
 U. S. Deputy Surveyor.

[SEAL.]

No notary available

Final Oath of U. S. Deputy Surveyor.

I, *Philip Conzen*

U. S. Deputy Surveyor, do solemnly swear that in
pursuance of a contract received from *George* ~~Royal A.~~

~~Christ~~ *Johnson*, United States Surveyor-General for Ari-
zona, bearing date of the *17th* day of

June 1899, I have well, faith-
fully, and truly, in my own proper person, and in
strict conformity with the instructions furnished by
the United States Surveyor-General for Arizona,
the Manual of Surveying Instructions, and the
laws of the United States, surveyed all those parts
or portions of the *exterior and*

subdivisional lines
of *Tp. 5 S. R. 22 E*
and *Tp. 6 S. R. 23 E*

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, as 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 surveys
have been established and perpetuated in strict
accordance with the Manual of printed instructions,
the special instructions of the United States Sur-
veyor-General for Arizona, and in the specific

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manner described in the field notes, and that the foregoing are the true 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.

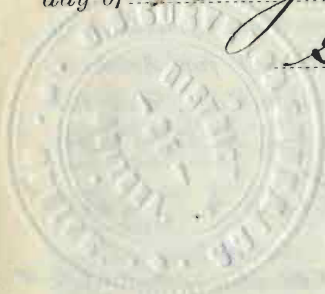
BOOK 640

Philip C. Carter
U. S. Deputy Surveyor.

Sworn to and subscribed before me this *20th*

day of *August*, ~~189~~ 1900.

George Child



U. S. Surveyor-General's Office,
Tucson, Arizona, Oct. 27, 1900

The foregoing field notes of the survey of *Fractional T. 5 S.*
R. 22 E.
.....

of the G. & S. R. B. & M., Arizona, executed by

PHILIP CONTZEN, D. S.,

under his contract No. 53, dated June 17, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes and the surveys they describe are hereby approved.

George Lhuist

U. S. Surveyor General.