

RESURVEY: N. Bdy - T. 24 S. R. 13 E  
P. CONTZEN - CONTRACT 55

1516

1516

BOOK 1516

4-671

**FIELD NOTES**  
**GENERAL LAND OFFICE.**

*Resurvey.  
North boundary*

*Tp. 24 S., R. 13 E.*

1516

Notes copied

15-16

1.

compared with

BOOK 1516

Field Notes  
of the resurvey of the  
North Boundary  
of  
Township N<sup>o</sup> 24 South  
Range N<sup>o</sup> 13 East  
of the  
Gila <sup>and</sup> Salt River Base <sup>and</sup> Meridian  
in the  
Territory of Arizona  
as surveyed by  
Philip Coutzen  
U. S. Deputy Surveyor  
under his contract N<sup>o</sup> 55  
Dated <sup>June</sup> July 23<sup>rd</sup> 1899

Survey commenced Dec 6<sup>th</sup> 1899  
Survey completed Dec 9<sup>th</sup> 1899

2

BOOK 1516

INDEX

BOOK 1516

N. Bdy. T. 24 S. R. 13 E. G<sup>34</sup> S. R. Mer.

31	32	33	34	35	36
28	24	20	16	12	7
6	5	4	3	2	1

Resurvey of the N. Bdy. of  
chains.

Preliminary to commencing  
the survey of the subdivision  
of this Township I proceed  
to test the North boundary.  
I begin at the corner to  
Townships  $N^{\circ} 23$  and  $24 S.$   
Ranges  $N^{\circ} 12$  and  $13 East$  as  
heretofore described.

Dec. 6<sup>th</sup> 1899. at 8 a.m. l.m.t.  
I set off  $31^{\circ} 23'$  on the lat. arc;  
 $22^{\circ} 31'S$  on the decl. arc, and  
determine a true meridian  
with the solar.

Thence I run

East on a random line

40.07 old  $\frac{1}{4}$  sec. cor. bears N. 8 lks.  
dist.

79.90 Cor. point. bears N. 18 lks. dist.  
old cor. destroyed by wash.

T 24. Q. R. 13 E.

chains.

- 119.82 Remains of old  $\frac{1}{4}$  sec. cor. 27  
lks. N.
- 159.87 Remains of old sec. cor. bears  
N. 36 lks. dist.
- 199.87 Faint remains of old  $\frac{1}{4}$  sec.  
cor. bears N. 44 lks. dist.
- 239.89 Faint remains of old sec.  
cor. bears N. 54 lks. dist.
- 279.34 Remains of old  $\frac{1}{4}$  sec. cor.  
bears N. 62 lks. dist.
- 319.22 Remains of old sec. cor. bears  
N. 72 lks. dist.
- 359.28 Cor. point bears N. 80 lks. dist.
- 399.52 Cor. point bears N. 89 lks. dist.
- 439.15 Cor. point bears N. 98 $\frac{1}{2}$  lks. dist.
- 478.14 Cor. to Townships N<sup>o</sup> 23 and 24  
S. Ranges N<sup>o</sup> 13 and 14 East.  
bears N. 109. lks. dist.
- Note - The true bearing of

Resurvey of the N. Bdy of  
chains.

This line is  $N 89^{\circ} 53' E$  and  
 $S 89^{\circ} 53' W$ . Old bearing trees  
given in original field notes  
are mostly undisturbed,  
however their markings have  
almost disappeared.

Having found the North  
boundary defective, I find  
it necessary for the proper  
prosecution of the survey  
of T. 24 S. R. 13 E. to reestablish  
said boundary.

In order to avoid any further  
delay in my survey I  
proceed at once.

I begin at Cor. to Tps.  
N<sup>o</sup> 23 and 24 S. R<sup>s</sup> 13 and 14  
E. as heretofore described

T. 24 D. R. 13 E. continued.  
chains

Dec. 8 1899, at 9 a.m. l.m.t.  
I set off  $31^{\circ}23'N$  on the lat.  
arc;  $22^{\circ}52'S$  on the decl. arc,  
and determine a true meridian  
with the solar.

Thence I run

S.  $89^{\circ}53'W$ , bet. secs. 36 and 1  
along N. slope of ridge

6.25 Gulch 50 lks. wide, course  
S. Westerly

12.50 Top of ridge bears NE and SW  
Trail bears NE and SW; descend.

17.50 Enter draw course N. Westerly

19.80 Leave draw and ascend

21.40 Top of ridge bears N and S;  
descend

23.20 Enter valley course N. Easterly

25.10 Road bears NE and S. Westerly

27.50 Leave valley bears N. Easterly

Resurvey of the N. Body of  
chains.

- 30.00 Top of ridge bears N.E. and  
S. Westerly; descend
- 31.40 Enter valley bears N. Easterly
- 33.50 Leave valley bears N. Easterly  
and ascend
- 38.50 Top of ridge bears N. Easterly  
and S. Westerly; descend
- 38.99 ~~Destroy~~ all traces of old  $\frac{1}{4}$  sec. cor. and  
reestablish it at the same point as follows.  
Set a Granite Stone  $18 \times 12 \times 6$  ins.  
12 ins. in the ground for  $\frac{1}{4}$   
sec. cor. marked  $\frac{1}{4}$  <sup>36</sup> ~~33~~ on  
N. face, from which  
an oak 7 ins. diam. bears  
N  $72^\circ$  W. 35-els. dist. marked  
 $\frac{1}{4}$  S. 36. B.T.
- An oak 6 ins. diam. bears  
N  $74\frac{1}{2}^\circ$  E. 15-els. dist. marked  
 $\frac{1}{4}$  S. 36. B.T.
- 40.00 Set a Granite stone  $18 \times 10 \times 6$  ins.



T. 24<sup>0</sup> R. 13<sup>E</sup> continued  
chain

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

An Oak 14 ins. diam. bears  
S.  $38\frac{3}{4}^{\circ}$  W. 146 lks. dist. marked  
 $\frac{1}{4}$  S. 1. B.T.

An Oak 7 ins. diam. bears  
S.  $11\frac{1}{2}^{\circ}$  E. 79 lks. dist. marked  
 $\frac{1}{4}$  S. 1. B.T.

40.88 Gulch 6 lks. wide, course N. Easterly;  
ascend

42.80 Top of ridge bears NE and SW;  
descend.

46.00 Enter valley. bears N. Easterly

49.55 Wash 10 lks. wide, course N. Easterly

49.66 Leave valley and ascend

50.80 Top of ridge bears NE and  
S. Westerly; descend

52.00 Enter valley, bears N. Easterly

Resurvey of the N. Bdy of  
chains.

- 54.00 Trail, bears N. Easterly and  
W. Westerly
- 55.00 Wash 20 lks. wide, course N. Easterly
- 56.50 Leave valley, bears N. Easterly  
and ascend
- 58.00 Top of ridge, bears N and S.
- 72.30 Trail bears NE and SW.
- 73.80 Leave ridge; descend "50"
- 78.62 Destroy all traces of old sec.  
cor. and reestablish it at  
the same point as follows:  
Set a granite stone 18x8x6 ins.  
12 ins in the ground for cor. to sec.  
35 and 36, marked 36 on N.E. face  
35 on N.W. face, with 1 notch  
on E. and 5 notches on W. edges,  
from which  
an oak 26 ins. diam. bears  
N 54 $\frac{1}{4}$ ° E, 241 lks. dist. marked

T 24 S, R 13 E, continued  
chains

T. 23 S, R. 13 E, S. 36, B.T.

No other tree within limits  
and raise a mound of stone  
2½ ft. base, 1½ ft. high, N. of  
cor.

79.50 Enter valley

80.00 Set a Granite stone 18x8x6 ins.  
12 ins. in the ground for cor.  
of secs. 1 and 2, marked  
1 on SE face, 2 on SW. face,  
with 1 notch on east and  
5 notches on West edges,  
from which

An oak 10 ins. diam. bears  
S 19¾° E, 200 lks. dist. marked

T. 24 S, R. 13 E, S. 1, B.T.

An oak 12 ins. diam. bears  
S 20¼° W, 236. lks. dist. marked.

T. 24 S, R. 13 E, S. 2, B.T.

Resurvey of the N. Bdy. of  
chains

Land mountainous and level  
Soil gravelly, 2<sup>nd</sup> and 3<sup>rd</sup> rate  
Timber oak

Mountainous Land 62.64 chs.

S.  $89^{\circ}53'W$ . bet Secs. 2 and 35  
over level land.

- 2.80 Wash 10 lks. wide, course N. Easterly  
9.00 Trail bears NE and SW  
21.15 Wire fence bears  $N35^{\circ}E$  and  $S35^{\circ}W$   
21.25 Trail bears NE and S. Westerly  
25.00 Trail bears NE and S. Westerly  
26.90 \* Wash 10 lks. wide, course N. Easterly  
31.90 \* Wash 5 lks. wide, course S. ascend  
35.80 \* Wash 50 lks. wide, course N. Easterly  
38.86 I destroy all traces of the  
original  $\frac{1}{4}$  sec. cor. and reestablish  
it at the same point as follows:  
Set a Granite stone  $18 \times 10 \times 8$  ins.

T. 24. S. R. 13. E. continued

chains

12 ins. in the ground for  $\frac{1}{4}$  sec.  
 cor. marked  $\frac{1}{4}$  35 on N.  
 face; from which  
 an oak 8 ins. diam. bears  
 $N 85^{\circ} W$ . 48 lks. dist. marked  
 $\frac{1}{4}$  S. 35. B.T.

a mesquite 24 ins. diam. bears  
 $N 15^{\circ} E$  257 lks. dist. marked  
 $\frac{1}{4}$  S 35. B.T.

40.00 Set a Malpais stone  $18 \times 8 \times 8$  ins.  
 12 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
 marked  $\frac{1}{4}$  2 on S. face;  
 from which

an oak 14 ins. diam. bears  
 $S 27^{\circ} E$  107 lks. dist. marked  
 $\frac{1}{4}$  S. 2. B.T.

an oak 10 ins. diam. bears  
 $S 88^{\frac{3}{4}} W$  122 lks. dist. marked  
 $\frac{1}{4}$  S. 2. B.T.

Resurvey of the N. Body. of  
chains

- 50.00 Top of ascent; descend along  
E. slope
- 54.50 Gulch 20 lks. wide, course S. Easterly,  
ascend
- 58.20 Gulch 10 lks. wide, course Southwaly
- 60.00 \* N. Edge of gulch 100 lks. wide;  
along north side course S
- 67.00 \* Gulch 20 lks. wide, course S. Easterly
- 73.00 Gulch 20 lks. wide, course S. Easterly
- 78.92 I destroy all traces of old sec.  
cor. and reestablish it at the  
same point as follows:  
Set a Granite Stone 18x10x6 ins  
12 ins in the ground for cor. of  
secs. 34 and 35 marked  
35 on NE face, 34 on NW. face  
with 2 notches on E. and  
4 notches on W. edges,  
from which

T24S, R.13E, continued

chains

An oak 12 ins. diam. bears  
 N57½° E 193 lks. dist. marked  
 T.23S., R.13E., S.35. B.T.

An oak 7 ins. diam. bears  
 N21° W. 207 lks. dist. marked  
 T.23S. R.13E. S.34. B.T. and  
 raise a mound of stone 2½  
 base 1½ ft high W. of cor.

80.00

Set a Granite stone 18x8x8 ins.  
 12 ins. in the ground for cor. of  
 Secs. 2 and 3. marked 2. on  
 SE face, 3 on SW face. with  
 2 notches on E. and 4 notches  
 on W. edges. and raise a  
 mound of stone 2½ ft. base  
 1½ ft. high W. of cor. Pits  
 impracticable.

Land Mountainous.

Soil Gravelly. 2<sup>nd</sup> and 3<sup>rd</sup> rate

Resurvey of the N. Bdy of  
chains

Timber, scattering oak.

Mountainous Land 48.10 chs.

©.  $89^{\circ}53'W$ . bet. secs. 3 and 34  
along ©. slope of ridge.

7.50 Gulch 6 lks. wide, course S.

19.50 Trail bears NE and S. Westerly

20.50 Top of ridge bears N and Southerly

25.00 Gulch 10 lks. wide, course N. Westerly

25.70 Enter Cañon, course N. Easterly

28.00 Leave Cañon, course N. Easterly;  
ascend

37.50 Top of ridge bears NE and S. Westerly

38.80 I destroy all traces of old  $\frac{1}{4}$  sec.  
cor. and reestablish it at the  
same point as follows:

Set a Granite stone  $18 \times 10 \times 6$  ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  34 on N. face



T. 240, R. 13. E. continued  
chains

from which

An oak 6 ins. diam. bears  
N 37 $\frac{1}{4}$ ° E. 71 lks. dist. marked  
 $\frac{1}{4}$  S. 34. B.T.

An oak 8 ins. diam. bears  
N 1 $\frac{1}{4}$ ° W. 46 $\frac{1}{2}$  lks. dist. marked  
 $\frac{1}{4}$  S. 34. B.T.

40.00

Set a Granite Stone 18x10x8 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  3 on S. face  
from which

An oak 12 ins. diam. bears  
S 39° W. 43 lks. dist. marked  
 $\frac{1}{4}$  S. 3. B.T. no other trees  
within limits and raise  
a mound of stone 2 $\frac{1}{2}$  ft. base  
1 $\frac{1}{2}$  ft high S. of cor. Pits  
impracticable.

41.40 Top of ridge N and S

Resurvey of the N. Bdy. of  
chains

- 43.80 Gulch 6 lks. wide, course  
N. Westerly
- 50.50 Enter valley bears N. Easterly
- 51.00 Wash 20 lks. wide, course N. Easterly
- 56.10 Road bears NE and S. Westerly
- 59.30 Leave valley: ascend along  
P. slope of ridge
- 65.00 Top of ascent; descend
- 69.60 Gulch 20 lks. wide, course S. Easterly
- 75.00 Gulch 100 lks. wide, course S. Easterly
- 76.80 Enter valley, bears Easterly
- 78.25 I destroy all traces of old sec.  
cor. and reestablish it at the  
same point as follows:  
set a Granite stone 18 x 10 x 8 ins.  
12 ins. in the ground for cor.  
of secs. 33 and 34 marked  
34 on the NE face, 33 on NW face  
with 3 notches on E and Wedges

T. 24 S. R. 13 E. Continued  
chains

from which

An oak 14 ins. diam. bears  
N 85° E. 26 lks. dist. marked

T. 23 S. R. 13 E. S. 34. B. T.

An oak 6 ins. diam. bears

N 45° W. 126 lks. dist. marked

T. 23 S. R. 13 E. S. 33. B. T.

80.00

Set a Granite Stone 24x10x6 ins.  
18 ins. in the ground for cor  
of secs. 3 and 4 marked  
3. on S E face. 4 on S W. face  
with 3 notches on E and W  
edges.

from which

An oak 6 ins. diam. bears

S 29½° E. 68 lks. dist. marked

T. 24 S. R. 13 E. S. 3. B. T.

An oak 6 ins. diam. bears

S 41¼° W. 57 lks. dist. marked

Resurvey of the N. Bdy. of  
chains.

T. 24 S. R. 13 E. S. 4. B. T.

Land Mountainous and level

Soil, loam and gravelly

1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber oak

undergrowth, oak

Mountainous Land 68.00 chs.

Dec 8, 1899

S 89° 53' W. bet. secs. 4 and 33

over mountainous and level land

- 1.50 Leave valley and ascend  
along N slope of ridge
- 7.00 Top of slope; descend
- 11.00 Reenter valley, bears N Easterly
- 15.00 Wash 10 eks. wide, course N. Easterly
- 18.50 Leave valley bears N. and ascend
- 22.00 Top of ridge bears NW and SE;  
descend
- 24.75 Gulch 60 eks. wide, course S. Easterly;

T. 24 S. R. 13 E. continued

chains

ascend

29.00 Top of ridge bears NW and S Easterly

38.27 I destroy all traces of old  $\frac{1}{4}$  sec.  
cor. and reestablish it at

the same point as follows:

Set a Granite stone 18x10x10 ins.

12 ins. in the ground for  $\frac{1}{4}$  sec.cor. marked  $\frac{1}{4}$  33 on N. face;

from which

An Oak 18 ins. diam. bears

N49° E, 80 lks, dist. marked

 $\frac{1}{4}$  S. 33, B.T.

An oak 12 ins. diam. bears

N73 $\frac{1}{2}$ ° W, 200 lks, dist. marked $\frac{1}{4}$  S. 33, B.T. and raise amound of stone 2 $\frac{1}{2}$  ft base1 $\frac{1}{2}$  ft high N. of cor.40.00 Set a Granite stone 18x10x6 ins.  
12 ins. in the ground for  $\frac{1}{4}$  sec.

- Resurvey of the N. Bdy. of  
chains.
- cor. marked  $\frac{1}{4}$  S. 4 on S. face  
from which
- An oak 12 ins. diam. bears  
 $S 12^{\circ} E$ , 218 lks. dist. marked  
 $\frac{1}{4}$  S. 4. B.T.
- An oak 10 ins. diam. bears  
 $S 10^{\circ} 4' W$  93 lks. dist. marked  
 $\frac{1}{4}$  S. 4. B.T.
- 40.40 Gulch 20 lks. wide, course S; ascend
- 48.20 Gulch 6 lks. wide, course Southerly
- 54.20 Gulch 6 lks. wide, course Southerly
- 68.50 Top of ridge bears N. Easterly and  
S. Westerly; descend
- 77.00 Gulch 10 lks. wide, course N. Westerly
- 78.27 I destroy all traces of the old sec.  
cor. and reestablish it at the  
same point as follows:  
Set a Granite stone 18x8x8 ins.  
12 ins. in the ground for cor. to

T. 24 S. R. 13 E. continued  
chains

secs. 32 and 33 marked  
33 on NE face 32 on NW  
face with 4 notches on E. edge  
and 2 notches on W. edge,  
from which

An oak 10 ins. diam. bears  
N 77° E. 24 lks. dist. marked  
T. 23 S. R. 13 E. S. 33. B.T.

An oak 8 ins. diam. bears  
N 83½° W. 101 lks. dist. marked  
T. 23 S. R. 13 E. S. 32. B.T.

80.00

Set a granite stone 18x8x6 ins.  
12 ins. in the ground for cor. to  
secs. 4 and 5, marked 4 on  
SE face and 5 on SW. face with  
4 notches on E. and 2 notches  
on W. edges, from which  
An oak 12 ins. diam. bears  
S 8½° E. 293 lks. dist. marked

Resurvey of the N. Bdy. of  
chains

T. 24 S., R. 13 E., S. 4, 13 T.

An oak 6 ins. diam. bears

S 49° W. 52 lks. dist. marked

T. 24 S., R. 13 E., S. 5, 13 T.

Land Mountainous and Level

Soil, gravelly. 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, oak.

Mountainous Land 71. chs.

S 89° 53' W. bet secs 5 and 32

descending

1.50 Enter valley

5.80 Trail bears N and Southerly

6.40 Road

9.00 Leave valley bears N. Easterly;

ascend

15.00 Top of ridge bears NE asterly and  
S. Westerly; descend abruptly

23.00 Enter Valley bears N Easterly



## T. 24 S. R. 13 E. continued

chains

- 23.50 Road bears N. Easterly  $\frac{1}{2}$  S. Westerly
- 29.00 Leave Valley, bears N. Easterly
- 30.00 ascend
- 35.00 Top of ridge bears NW and S. Easterly
- 38.32 I destroy all traces of old  $\frac{1}{4}$  sec. cor. and reestablish it at the same point as follows:  
 Set a Granite stone 18x8x6 ins. 12 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  32 on N. face and raise a mound of stone 2 $\frac{1}{2}$  ft. base 1 $\frac{1}{2}$  ft. high N. of cor. Pits impracticable, No trees N. of line, near.
- 40.00 Set a Granite stone 20x10x6 ins. 15 ins. in the ground for  $\frac{1}{4}$  sec. cor. marked  $\frac{1}{4}$  35 on S. face, from which  
 An oak 10 ins. diam. bears

Resurvey of the N. Bdy. of  
chains

- S.  $1^{\circ}$  E, 98 lks. dist. marked  
 $\frac{1}{4}$  S. 5. B.T.
- An oak 24 ins. diam. bears  
S  $48^{\circ}$  W, 30 lks. dist. marked  
 $\frac{1}{4}$  S. 5. B.T.
- 40.50 Enter draw, course S. Easterly
- 43.50 Leave draw, course S. Easterly;  
ascend N. slope of ridge.
- 54.50 Top of ridge bears NW and S Easterly
- 59.00 descend
- 68.50 Gulch 10 lks. wide, course N Easterly;  
ascend
- 72.00 Top of ridge bears N. and Southerly;  
descend abruptly
- 77.90 Enter Cañon, course Northerly
- 78.24 Cor. point for old sec. cor.
- 78.30 Middle of wash 20 lks. wide  
course Northerly
- 78.45 Line tree, oak 16 ins. diam. marked  
with 2 notches on E & W sides

T. 24S, R. 13E, continued

chains.

78.50

Set a Granite stone  $18 \times 10 \times 8$  ins.  
12 ins. in the ground for  
Witness cor. to cor of secs,  
31 and 32, marked. W.C.  
S. 32, on NE face, S. 31, on  
NW face, with 5 notches on  
E. and 1 notch on W. edges,  
from which

A white oak 12 ins. diam. bears  
 $N 16^\circ E - 130$  lks. dist. marked  
W.C. T. 23S, R. 13E, S. 33, B.T.

A Black oak 8 ins. diam. bears  
 $N 39\frac{1}{2}^\circ W, 90$  lks. dist. marked  
W.C. T. 23S, R. 13E, S. 32, B.T.

79.20

Leave cañon, course northerly;  
and ascend

80.00

Set a Granite stone  $18 \times 8 \times 8$  ins.  
12 ins. in the ground for cor. to  
secs 5 and 6, marked

Resurvey of the N. Bdy. of  
chains

5. on S E face, 6 on S W. face  
with 5 notches on E. and 1  
notch on W. edges, from which  
a Black oak 8 ins. diam. bears  
S  $77\frac{1}{2}^{\circ}$  E, 83 lks. dist. marked  
T. 24 S, R. 13 E, S. 5, B. T.

a. white oak 8 ins. diam. bears  
S  $65\frac{1}{2}^{\circ}$  W  $10\frac{1}{2}$  lks. dist. marked  
T. 24 S, R. 13 E, S. 6, B. T.

Land mountainous and level  
Soil, gravelly. 3<sup>rd</sup> rate  
Timber oak  
Mountainous Land 62,20 chs.

S  $89^{\circ} 53'$  W. bet. secs. 6 and 31  
ascending

3.50 Top of ridge bears N and  
Southwly; descend

5.50 Gulch 6 lks. wide, course Northwly;

T. 24 S, R 13 E, continued

chains

ascend

8.25 Top of ridge bears N and S;  
descend

17.00 Enter valley bears Northerly

21.60 Wash 200 yds. wide, course Northerly

22.50 Leave valley; ascend

32.50 Top of ridge bears N and Southerly

37.70 Gulch 600 yds. wide, course Northerly

38.07 I destroy all traces of old  $\frac{1}{4}$  sec.  
cor. and reestablish it at the  
same point, as follows; -

Set a Granite stone 24x10x10 ins  
18 ins. in the ground for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  31 on N. face,  
from which

an oak 7 ins. diam. bears

N. 50 yds. dist. marked  $\frac{1}{4}$  36.

B.T. no other tree within limits  
and raise a mound of stone

## Resurvey of the U. Bdy. of

chains

- 2½ ft. base, 1½ ft. high N. of cor.  
Pits impracticable.
- 40.00 Set a Granite stone 18x10x6 ins.  
12 ins. in the ground for ¼ sec.  
Cor. marked ¼ 6 on S. face;  
from which  
a white oak 7 ins. diam. bears  
S 13¼° E 115 lks. dist. marked  
¼ S. 6. B.T.  
a Black oak 6 ins. diam. bears  
S 29¾° W. 53 lks. dist. marked  
¼ S. 6. B.T.
- 43.00 Top of ridge bears N and S; descend
- 47.00 Enter valley, bears Northwly
- 51.50 Leave valley, bears Northwly;  
ascend
- 63.00 Top of ridge bears NW and S. Easterly  
thence along top of ridge.
- 65.00 descend, S. slope

T. 24 S. R. 13 E. concluded

chains.

69.50

Gulch 8 yds. wide, course S. Easterly;  
ascend.

74.50

Top of ridge bears N and S;  
descend

78.14

The cor to Tps. 23 and 24 S.

Rd. 12 and 13 E.

Land Mountainous and level

Soil, gravelly. 2<sup>nd</sup> and 3<sup>rd</sup> rate

Timber, oak

Mountainous Land 68.14 chs.

Dec 9, 1899

U. S. Surveyor-General's Office,

Tucson, Arizona, Aug. 4, 1900

The foregoing field notes of the sur-

vey of *The N. Boundary of*  
*T. 24 S. R. 13 E*

.....  
of the G. & S. R. E. & M. Arizona,  
executed by P. Contzen, D. S., under  
his contract No. 55, dated June 23,  
1899, having been critically examined,  
and the necessary corrections and ex-  
planations made, the said field notes  
and the surveys they describe are here  
by approved.

*George Christ*  
U. S. Surveyor-General.

Commr. approved Feby. 4-1901.

Filed Feby 9-1901.