

Rec'd May 31. 1893  
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No  
4

Let to G.L.O. 1/19/92

Survey approved

July 28. 1893.

No 65 4-671 No. 65

FIELD NOTES

~~GENERAL LAND OFFICE~~

of part

of Subdivisions  
of Frac. Tp. 11N. R. 3E.  
by Francis B. Jacobs, U.S.D.S.  
Under Contract, May 25. 1891  
Survey commenced Sept. 8. 1891  
completed Sept. 12. 1891

65

1  
Preliminary Oaths of Assistants.

We Robert J Shelton  
and James F Wainwright

do solemnly swear that we will well and faithfully execute  
the duties of Chain Carriers; 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 dis-  
tance to all notable objects, and the true length 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 the

Subdivisional lines in  
fractional Township No 11 North  
Range No 3 East  
Gila and Salt River Meridian

of the principal base and meridian in the Territory of Arizona.

Robert J Shelton Chairman.  
James F Wainwright Chainman.

Subscribed and sworn before me, this 8<sup>th</sup>  
day of September 1887

Francis B Jacobs  
Notary Public.

The assistants for this  
Township I employed  
near the work, and  
there was no officer near  
whom I could get to  
administer the  
oaths, so was compelled  
to administer them  
myself.

Francis B. Jacoby  
U.S. Deputy Surveyor

We Stephen Roach <sup>and</sup>  
 Marion E Jacobs

do solemnly swear that we will well and truly perform the  
 the duties of Axeman <sup>and</sup> Flyman

Respectively

in the establishment of corners and other duties according to  
 instructions given us, and to the best of our skill and ability,

in the survey of the Subdivisional  
 lines of Fractional Townships No 11

North Range No 3 East

Sila <sup>and</sup> Salt River

Meridian

of the principal base and meridian in the Territory of Arizona.

Stephen Roach  
 Marion E Jacobs

Subscribed and sworn to before me this 8<sup>th</sup>

day of

September 1891

Francis E Jacobs  
 U.S. Deputy Surveyor  
 Notary Public

Subdivision of T. 11 N. R. 3 E.

chain

No. 65  
Field Notes

of the survey of the  
Subdivision lines

of  
Township No. 11 N. (Fractional)

Range No 3 East.

Gila and Salt River

Base and Meridian.

in the

Territory of Arizona

As surveyed by

Francis B. Jacobs.

U.S. Deputy Surveyor  
under his Contract No 17.

Dated May 25<sup>th</sup> 1891

Survey Commenced Sep 8<sup>th</sup> 1891

Survey Completed Sep 12<sup>th</sup> 1891

Subdivisions of T 11 N. R. 3 E.

Chairmen.

- James and duties of Assistants
- Robert. J. Shelton. Chairman
- James. F. Waincott. Chainman
- Stephen. Roach. Axeman
- Marion. E. Jacobs. Flagman

Index.

Township 11 N. Range 3 E.

|    |    |    |         |
|----|----|----|---------|
| 6. | 5  | 4  | 3       |
|    |    | 26 |         |
| 7  | 8  | 9  | 11      |
|    |    | 24 |         |
| 15 | 17 | 16 | 9       |
|    |    | 22 |         |
| 19 | 40 | 20 | 20 21 7 |
| 38 |    | 36 | 18      |
| 30 | 33 | 29 | 5 28 5  |
| 31 |    | 29 | 4       |
| 31 | 27 | 32 | 33      |

## Subdivision of T. 11 N. R. 3 E.

chain

Survey commenced  
 September 8<sup>th</sup> 1891  
 With a Gurley Improved  
 Mountain Transit - With a  
 Burt Solar Attachment  
 At my camp on the N.W. 1/4  
 of sec 28 T. 11 N. R. 3 E.

In Latitude  $34^{\circ}15'$  North  
 Longituded  $112^{\circ}02'$  West  
 At  $5^{\text{h}}-10^{\text{m}}$  A. M. Local  
 Mean time observed Polaris  
 and find the magnetic bearing  
 of the star to be  $N14^{\circ}55' W.$

Astronomical Time  
 of observation Sept 8.  $\begin{matrix} \text{h} & \text{m} \\ 17 & -10 \end{matrix}$   
 Tabular time U. C. of  
 Polaris Sept. 15.  $13.39-8$   
 Difference for 7 days add  $27-4$

## Subdivision of T. 11-N-R. 3 E.

chains.

Local mercurial H. C. Sept 8<sup>th</sup> 14.07.2Which taken from time of  
observation leaves -hour angle of Polaris  $\times$  3.02.8

Azimuth of Polaris

for Latitude  $34^{\circ}-00$  1-07

North end of Needle 14-5-3-

The difference is the  
variation $13^{\circ} 48' E.$ 

I begin the subdivision by  
retracing the North boundary  
line of sec. 33. From the cor to  
secs 28-29-32 and 33.

I run  $S. 88^{\circ} 40' E$  bet secs 28 and 33Var.  $13^{\circ} 48' E.$ 

At 40.37 chs. I find mound of  
stone but no stake. I reestablish



BOOK 65

## Subdivision of T. 11 N. R. 3 E.

chain

the cor at the same point as before by setting malpais stone  $14 \times 8 \times 4$  ins 10 ins. in the ground for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$  on N. face and raised mound of stone  $\frac{1}{2}$  ft high 2 ft base alongside.

No trees pits imp.

At 80.68<sup>ds</sup> I find the cor to secs 27-28-33 and 34 on my line. being a malpais stone firmly set marked and witnessed as described in the field notes furnished by the Survey General.

Thence I run north on true line bet secs 27 and 28  
 Var  $13^{\circ} 48'$  E

Descend

17.00

Bottom of gulch 200 ft deep

## Subdivision of T. 11. N. R. 3 E.

- chain. Course S. W. Ascend
- 40.00 Set malpais stone 30x10x8 ins.  
10 ins. in the ground (rock pre-  
vented setting deeper) for  $\frac{1}{4}$  sec. cor.  
marked  $\frac{1}{4}$  on W. face. surrounded  
same by mound of stone 2  $\frac{1}{2}$  ft high  
4 ft bare. Tts. impracticable  
From which -  
A juniper 12 ins. diam br  
S 30° 10' E 128 lbs dirt  
Marked  $\frac{1}{4}$  S. B. T.  
Descend
- 53.80 Bottom of gulch br S 20° E.  
Ascend
- 71.00 Top of Mesa
- 80.00 Set malpais stone 24x14x8 ins.  
18 ins. in the ground for cor to  
secs 21-22-27 and 28. marked  
with 2 notches on S. side 3

Subdivision of S. 11 N. R. 3 E

chain

on E faces, and raised  
mound of stone 3 ft high  $4\frac{1}{2}$  ft  
base along side.

No trees <sup>with limit</sup> - Pitts - impracticable  
Land very broken  
Soil 4<sup>th</sup> rate -

Lumber scattering Juniper and Cedar  
Oak

North bet. recs 21 and 22  
Var  $13^{\circ} 48'$  E.

- 9.00 Descend
- 10-50 Rock bluff 10 ft high, <sup>var</sup> N  $20^{\circ}$  E.  
and S  $20^{\circ}$  W.
- 13-30 Bottom of gulch 80 ft deep  
Course S  $20^{\circ}$  W.
- Ascend
- 37.00 At this point the var is  $16^{\circ} 50'$  E
- 40.00 Top of ascent  
Set malpais stone  $30 \times 16 \times 14$  ins.

## Subdivision of T. 11 N. R. 3 E.

chain.

8 in in the ground (rocks prevented setting deeper) for  $\frac{1}{4}$  sec cor. marked  $\frac{1}{4}$  on W. face and surrounded same with mound of stone 2 ft high 4 ft base.

Pits unpracticable

The variation has here decreased to  $14^{\circ} 15' E$ .

There is no apparent cause for the change in the var.

The surface of the ground is covered with a black volcanic rock.

43.00 Descend gradually

56.50 Prarie course S. W.

Ascend.

75.00 Top of malpais point facing W.  
Descend

80.00 A malpais in place  $12 \times 16 \times 14$

## Subdivision of T11 N. R. 3 E

chains

in above ground. I  
 marked with <sup>a gross 41 at exact corner</sup> 3 notches on the S.  
 and 3 on E faces for cor to sec  
 15-16-21 and 22, and raised  
 mound of stone 2 ft high 3 ft  
 base alongside.

Pite impracticable.  
 Land rough and broken  
 Soil rocky 4<sup>th</sup> rate  
 No timber.

September 8<sup>th</sup> 1891

North bet sec 15 and 16

Var 13° 48' E.

Along N. slope of steep hill

10.00

Descend.

20.30

Bottom of head of gulch course N.

Ascend steep hill

27.00

Top of steep hill or ridge on E and N.

Subdivision of T. 11 N. R. 3 E. BOOK 85

- chain  
29.00 Descend.
- 40.00 Set granite stake 2 1/2 x 1 1/2 x 6 ins.  
10 ins in the ground (rock pre-  
vented setting deeper) for 1/4 sec  
cor. marked 1/4 on N. face and  
surrounded same with mound of  
stone 1 1/2 ft high 4 ft. base  
No trees within limit pits impracticable  
Too rocky for pits.
- 47.00 Ravine course N. 60° W.
- 5-6.5-8 Bottom. Descent  
Ravine course S 60° W.  
Ascend steep hill
- 63.20 Malpais bluff 30 ft high.
- 63.40 Top of bluff on N. E and S. W.
- 80.00 Set malpais stone 30 x 12 x 6 ins  
22 ins. in the ground for  
cor to recs 9-10-15 and 16 marked  
with 4 notches on S and 3

## Subdivision of T. H. St. R. 3 E.

chain.

on E face and raised mound  
of stone 2 ft high 4 ft base  
along side. No trees <sup>within limit</sup>  
Pits in fracture  
Land very rough  
Soil 4<sup>th</sup> rate  
Timber - scattering Juniper

North lat. sec 9 and 10  
Var  $13^{\circ} 48' E.$

2. 00 Top of Sycamore Cañon, Descend  
19. 00 Bottom of cañon 200 ft deep  
22. 30 Sycamore Creek - rapid current  
100 ft wide Course  $S 70^{\circ} W.$   
22. 50 Ascend  
36. 00 Descend  
40. 00 Set granite stone  $40 \times 16 \times 12$  in  
in the ground (rock prevent-  
ed setting deeper) for  $1/4$  sec cor.

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Subdivision of T. 11 N. R. 3 E

- chains marked  $\frac{1}{4}$  on N. face and raised mound of stone 2 ft high  $3\frac{1}{2}$  ft base along side.
- Pits impracticable
- 45.40 Bottom of side gulch course S. W. Ascend.
- 49.45 Malpais bluff 30 ft high.
- 49.75 Top of bluff Brs N. E and S. W. Thence across mesa.
- 80.00 Set malpais stone 24 x 12 x 8 in 18 in in the ground for cor to sec. 3-4-9 and 10 marked with 5 notches on the S. and 3 on the E faces and raised mound of stone  $1\frac{1}{2}$  ft high  $2\frac{1}{2}$  ft base along side
- Pits infracticable
- Land broken
- Soil 4<sup>th</sup> rate



Subdivision of T. 11 N. R. 3 E  
 chains Timber, Sycamore, Desert  
 Willow and Hackberry along  
 the stream.

According to the field  
 notes furnished by the Sur-  
 veyor General the cor to sec 3  
 3-4-33 and 34 on the N.  
 boundary of the Township is  
 10.17 chs. farther N. than the  
 corner founding cor. on the S. bound-  
 ary of the Tl. Therefore I run  
 thence N.  $7^{\circ}20'$  W. on a random  
 line bet sec 3 and 4

Var  $13^{\circ}48'$  E.

40.00 Set temporary  $1/4$  sec cor  
 81.35 Intersect N. boundary of Tl. at  
 42 chs W of the cor. to sec 3-4  
 33 and 34.

## Subdivision of S. 11 T. 2 R. 3 E.

chain

Thence I run -

S. ~~7° 02'~~ 7° 02' E. on a true line  
bet secs 3 and 4.

Var 13° 48' E.

Descend gently

20.00

Top of very abrupt rocky hill

Descend

24.20

Bottom of Gulch course N.

Ascend

29.00

Top of mesa

41.35

Set malpais stone 20 x 10 x 8 ins.

surrounded by mound of stone  
2 ft high 3 ft base (ground too  
rocky to admit stone.) for 1/4 sec  
cor. marked 1/4 on N. face.raised mound of stone 1 1/2 ft high  
2 ft base alongside.

Pits unfracturable

81.35

Cor. to secs 3-4-9 and 10.

Subdivision of T. 11 N. R. 3 E.  
chains

Land broken  
Soil 4<sup>th</sup> rate. No timber.

From the cor. to sec 28-29-32  
and 33, being a granite stone  
set and marked with mound  
of stone as described in the field  
notes furnished by the Surveyor  
General. I run N.  $00^{\circ}-01'$  W.

bet sec 28 and 29

Var.  $13^{\circ}48'$  E.

Old Prehistoric ruins on the  
summit and E slope of hill  
 $S 85^{\circ}$  E 3 chs dist from cor.

Descend

11.50 Bottom of hill. Ascend

20.00 Top of low hill

Descend

32.00 Gulch course N.  $65^{\circ}$  E

## Subdivision of T. 11 N. R. 3 E

- chair Ascend
- 34.00 Top of ascent. Descend into  
Agua Frio Creek.
- 38.60 Enter Agua Frio Creek 60 lbs  
wide flows S.W.
- 40.00 Set granite-stone 26 x 14 x 14 ins.  
19 ins in the ground for  $\frac{1}{4}$  sec cor  
marked  $\frac{1}{4}$  on N. face and  
raised mound of stone 2 ft high  
4 ft bare around and over same.  
From which - <sup>Pits unpracticable</sup>
- A Cottonwood 14 ins diam  
br. ct.  $71^{\circ}40'$  E. 259 lbs dist  
I mark  $\frac{1}{4}$  S. B. T. No other trees within limit
- 57.00 Recross Agua Frio creek  
flows S.  $20^{\circ}00'$  W.
- 62.00 Ascend
- 70.00 Top of ascent  
Penya's house br. E 60 lbs dist.

Subdivision of S. 11 T. R. 3 E

chains

Perry's dwelling house br  
S 85 - E 7 chs dist.

Hay shed br S 75 - E 6 chs dist

Desceud

79.00 Bottom of desceud +

80.00 Set post 4 1/2 ft long 4 in  
square with marked stone  
2 1/2 in in the ground for cor to  
recs 20 - 21 - 28 and 29

Marked - S 21 N. S 21 on N.E.

R 3 E. S 28 on S.E.

S 29 on S.W. and

S 20 on N.W. faces

with notches on S and 4 in E edges  
and surrounded same with  
mound of stone 1 1/2 ft high 2 ft  
base fits impracticable

Land broken and rolling  
Soil 2nd and 4th rate.

## Subdivision of T. 11 N. R. 3 E

Chains  
 Timber Cottonwood - Sycamore and  
 Willow along the creek. Scattering Live  
 Oak brush. Mesquite in the valleys.  
 September 9<sup>th</sup> 1891

$S 88^{\circ} 34' E$ . on random line  
 bet secs 21 and 28

Var  $13^{\circ} 48' E$ .

40.00 Set temporary  $\frac{1}{4}$  sec cor.

80.80 Intersect N. and S. sec line at  
 28 lbs S of cor to secs 21-22-27 & 28  
 Thence S run-

N.  $88^{\circ} 46' N$ . on true line  
 bet secs 21 and 28

Var  $13' 48' E$

2.20 Descend

4.50 Descent more abrupt.

7.00 Bottom of gulch course S. Ascend

10.50 Top of N. side of gulch

14.00 Top of Agua Fria cañon

## Subdivision of S. 11 N. R. 3 E

chain

358 ft above creek

Descend

33.00

Prairie course S. W.

40.40

Set Malpais stone 24x12x6  
ins 18 ins. in the ground for  
1/4 sec cir marked 1/4 on N. face  
and raised mound of stone 2  
ft high 4 ft base alongside  
Pits impracticable

49.00

Descend

64.30

Agua Frio Creek 75-100 wide  
flows S E

71.23

Perry's fence br S 55 E  
and N. 55 W.

76.50

Fence br N. 15° E and S 15° W.

80.80

Cor to sec 20-21-28 and 29

Land very rough  
Soil Agua Frio Valley 1<sup>st</sup> rate  
other 4<sup>th</sup> rate.

BOOK 65

Subdivision of S. 11 N. R. 3 E.

chains

Timber scattering Juniper  
 Mesquite in valley  
 Cottonwood & Hackberry  
 along the creek.

---

100<sup>00</sup> 01' N. in random line

Set recs 20 and 21

Var 13° 48' E

40.00 Set temporary 1/4 sec cor.

81.32 Intersect E and N. sec line at

10.70 chs. E of cor. to recs 16-17.

20 and 21 being a foot set  
 marked and witnessed as

described in the field notes  
 furnished by the Surveyor General

Thence I run -

S 7° 30' E on true line set

recs 20 and 21

Var 13° 48' E



| Subdivision of T. 11 N. R. 3 E |   |
|--------------------------------|---|
| chain                          | Descend   |
| 2.50                           | Barrier course S.E.   |
|                                | Ascend along E slope of hill  |
| 36.00                          | Descend   |
| 41.00                          |   |
| 42.66                          | A granite in place 24x24x18 in<br>with across <sup>41</sup> ft exact<br>above ground. <sup>per front and</sup> Marked $\frac{1}{4}$ on<br>N. face for $\frac{1}{4}$ sec cor. and<br>raised mound of stone 3 ft high<br>4 ft base along side and on<br>top of same. Pits impracticable |
| 72.00                          | Bottom of hill  |
| 75.15                          | Agua Fria Creek 60 lbs wide<br>flows S.E.   |
| 77.70                          | Irrigating ditch course S.E.  |
| 81.00                          | Road bra E and N.   |
| 82.00                          | Cork sec 20-21-28 and 29<br>Land rough and broken<br>Soil - Valley 1 <sup>st</sup> rate<br>" Hills 4 <sup>th</sup> rate   |

## Subdivision of T. 11 N. R. 3 E

chains. Timber - Scattering Juniper  
Live Oak brush. Mesquite.

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S 88° 34' E on a random line  
bet recs 16 and 21

Var 13° 48' E.

40.00 Set temporary 1/4 sec cor.

91.16 Intersect N. and S. sec line at  
45 chs S of cor. to recs 15-16-21  
and 22.

Thence I run. -

N. 88° 53' W. on a true line bet  
recs 16 and 21

Var 13° 48' E.

Descend

1.70 Top of perpendicular bluff 30  
ft high.

Descend steep rocky hill

20.00 Bottom of hill

## Subdivision of T. 11 N. R. 3 E.

chains  
27.00

Gulch course S. 20° W.

Ascend

37.00

Top of ascent thence along  
S. slope of hill

45.58

Set granite stone 20x12x6 in.  
15 in. in the ground for 1/4  
sec cor. marked 1/4 on N. face  
raised mound of stone 2 ft  
high 4 ft bare along side  
Pits impracticable

Descend

62.00

Barrie course S.

Ascend

91.16

Cor to secs 16-17-20 and 21

Land rough

Soil rocky 4th rate

Timber - scattering Juniper.

## Subdivision of T. 11 N. R. 3 E

chain.

From the cor to sec 8-9-16 and 17 being a foot cut and marked with stone mound as described in the field notes furnished by the Surveyor General.

Thence I run -

S.  $88^{\circ} 34' E$ . on a random line bet sec 9 and 16

Var  $13^{\circ} 48' E$

40.00 Set temporary  $\frac{1}{4}$  sec cor.

89.85 Intersect the N. and S. sec line at 30 lbs N. of the cor to sec 9-10-15 and 16.

Thence I run -

N.  $88^{\circ} 21' N$ . on a true line

bet sec 9 and 16

Var  $13^{\circ} 48' E$

9.00 Top of Gycamore canon.

## Subdivision of T. 11 N. R. 3 E.

chain

Descend

44.92 Set granite - 30 x 14 x 10 in  
 10 in. in the ground (rock fr-  
 equited setting deeper) for  $\frac{1}{4}$  sec  
 cor. marked  $\frac{1}{4}$  on N. face.  
 Raised mound of stone  $1\frac{1}{2}$  ft high  
 $\frac{1}{2}$  ft bare around stone  
 Pits impracticable

53.00 Bottom of Sycamore cañon.

54.40 Sycamore creek 30 lbs wide  
 flow S. W. Ascend

69.00 Top of cañon 250 ft above creek

78.00 Descend

89.85 Cor to sec 8-9-16 and 17

Land rough and broken  
 Soil 4<sup>th</sup> rate

Timber - scattering Juniper, Syc-  
 more and Desert Willow along <sup>the</sup> creek.

September 10<sup>th</sup> / 89

## Subdivision of T. 11 N. R. 3 E.

chains.

From the cor to sec 4-5-8 and 9 I run S.  $88^{\circ} 34'$  E. on random line bet sec 4 and 9  
 Var  $13^{\circ} 48'$  E

40.00 Set temporary  $\frac{1}{4}$  sec cor.

90.08 Intersect the N and S sec line at 37 ch. N. of the cor to sec. 3-4-9 and 10

Thence I run -

N.  $88^{\circ} 19'$  W. on true line bet sec 4 and 9

Var  $13^{\circ} 48'$  E.

Over Mesa

45.04 Set granite stone  $20 \times 12 \times 8$  ins. 15 ins in the ground for  $\frac{1}{4}$  sec cor. Marked  $\frac{1}{4}$  on N. face and raised mound of stone 2 ft high of ft base along ridge. Pits impracticable.

## Subdivision of T. 11 N. R. 3 E.

chain.

Descend.

90-08

Cor to sec 4-5-849. a foot  
 set and marked as described  
 in the field notes furnished  
 by the Surveyor General.

Land mesa and rolling  
 Soil 3<sup>rd</sup> rate  
 No timber.

From the cor to sec 5-6-31  
 and 32 on the S. boundary of  
 the Township being a granite  
 stone, set, marked and  
 witnessed as described in  
 the field notes furnished by  
 the Surveyor General.

I run -

St.  $00^{\circ} 01' N$ . bet sec 31 and 32  
 Var  $13^{\circ} 48' E$ .

## Subdivision of T. 11 N. R. 3 E

chain.

Ascend

7-60 Top of ridge In E & N.  
Descend

21-00 Ravine course S. E.

31.00 Ravine course S 60° E.

Ascend

40.00 Set granite stone 18x12x10 ins.  
12 ins in the ground for 1/4 sec  
cor. marked 1/4 on N. face raised  
mound of stone 2 ft high 3 1/2 ft base  
along side.

Pits - intractable

57.00 Top of ascent on E. slope of hill  
Descend

73.00 Ravine course E.

Ascend

80.00 Set granite stone 24x10x8 ins  
18 ins. in the ground for cor to  
secs. 29-30-31 and 32. marked



## Subdivision of T. 11 N. R. 3 E.

chain

with 1 notch on Sand 5- m  
E face and raised mound  
of stone 3 ft high 4 ft base  
alongside.

Pit - infracticable  
Land broken and hilly  
Soil rocky 4<sup>th</sup> rate  
No timber.

S 88° 34' E on a random line  
bet recs 29 and 32

Var 13° 48' E.

40-00

Set temporary 1/4 sec cor.

79-83

Intersect N and S sec line  
at 16 lbs S of the corner to recs  
28-29-32 and 33.

Thence S sec —  
N. 88° 41' W on true line bet  
recs 29 and 32.

## Subdivision of T. 11 N. R. 3 E.

- |       |   |
|-------|---|
| chain | Var $13^{\circ} 48' E$ .  |
| 2.00  | Descend   |
| 13.10 | Ravine course - S.<br>Ascend  |
| 39.92 | Top of ascent<br>Set granite - stone $26 \times 12 \times 10$<br>ins. 18 ins in the ground for<br>$\frac{1}{4}$ sec cor marked $\frac{1}{4}$ oct. face<br>and raised mound of stone<br>2 ft high $3\frac{1}{2}$ ft base along side<br>Pike impracticable<br>Descend |
| 52.00 | Bottom of descent<br>Ascend granite-hill  |
| 58.00 | Leave granite-boulders  |
| 58.60 | Road $W$ $N$ and $S$ .  |
| 64.50 | Top of ridge $W$ $S.E.$ and $N.W.$<br>Descend   |
| 69.40 | Road $W$ $N.W.$ and $S.E.$  |

Subdivision of T. 11 N. R. 3 E.

chain  
- 71-00

Bottom of descent.

Ascend.

9  
78.83

Cor to sec 29 - 30 - 31 and  
32

Land rolling  
Soil rocky - 3rd rate  
Timber - scattering Juniper

N.  $88^{\circ}34'N$ . on random line  
bet sec 30 and 31

Var  $13^{\circ}48'E$ .

40.00

Set temporary  $\frac{1}{4}$  sec cor

89-12

Intersect N. boundary of T. 11  
at 30. chs. N. of cor to sec 23 -  
30 - 31 and 36 being a  
granite stone set, marked  
and witnessed as described  
in the field notes furnished  
by the Surveyor General

## Subdivision of T. 110. N 3 E.

- chain. Thence I run -  
 S 88° 47' E on a true line  
 bet recs 30 and 31  
 Var 13' 48' E.
- 9.00 Descend
- 17.00 Ravine course N.  
 Ascend
- 24.00 Top of ascent - Bridge.  
 In N. E and S. W.  
 Descend
- 39.00 Gulch course N. 15° E.  
 Ascend
- 46.00 Top of ascent.
- 49-12 Set granite stone 18 x 12 x 8 ins  
 6 ins in the ground (rocks loc-  
 vented setting deeper) for 1/4 sec  
 cor. marked 1/4 on N. face and  
 raised mound of stone 2 1/2 ft high  
 4 ft bare around and over same

Subdivision of T. 11 N. R. 3 E

chain

Pits impracticable

53-60 Top of granite reef - Descend

58-85 Gulch course N. - Ascend

68-75 Top of Ascend

Descend gently

73-60 Ascend granite knoll.

80.00 Top of knoll 150 ft high

Descend

85-00 Bottom of Knoll

89-12 Cor to sec 29-30-31 and 32

Land very rough

Soil 4<sup>th</sup> rate

No timber

N. 00° West sec 29 and 30

Var 13° 48' E

Ascend

2.00 Top of hill - Descend

20-60 Road in S. E and N. W.

29-20 Ravine course N. W.

Subdivision of T. 11 N. R. 3 E.
 BOOK 65

chain.

Ascend

30-35 Road br S 25° E and N. W.

40-00 Top of ascent

Set granite stone 16 x 8 x 6 ins  
 10 ins in the ground for 1/4 sec  
 cor marked 1/4 on N. face, and  
 raised mound of stone 2 ft high  
 Sift here alongside

- Pits - in fracturable

A conical Butte 600 ft high br  
 E. 10 chs dist.

42-00 Descend

47-30 Bottom of descent

Ascend.

60-60 Top of granite reef 800 ft high  
 overlooking Big Bug Creek

Descend

66-30 Big Bug creek 50 chs wide  
 flows E.

# Subdivision of T. 11 N. R. 3 E

chains  
67-00

Ascend

67-40 Irrigating ditch 4 ft deep.

71-00 Top of N. side of Big Bug Cañon.  
Thence along E slope of hill

80-00 Set granite stone 24 x 12 x 4  
in - 8 in in the ground  
(rock prevented setting deeper)  
for cor to secs 19-20-29 and 30  
marked with 2 notches on S  
and 5 on E faces. Raised  
mound of stone 2½ ft high  
4 ft base around and along  
side of same.

Piti infracticable

Land rough

Soil 4<sup>th</sup> rate

No timber.

September 11<sup>th</sup> 1891

BOOK 65

Subdivision of T. 11 N. R. 3 E

Chains S.  $88^{\circ} 34'$  E. on random line  
 Set recs 20 and 29  
 Var  $13^{\circ} 48'$  E

40-00 Set temporary  $\frac{1}{4}$  sec cor.

79-66 Intersect the N. and S. sec  
 line at 20 lbs S of cor to  
 recs 20-21-28 and 29.

Thence S run —  
 $88^{\circ} 43'$  N. on a true line  
 Set recs 20 and 29  
 Var  $13^{\circ} 48'$  E.

Ascend following gulch

38-00 Top of ridge in N. and S.

39-83 Set granite stone  $14 \times 12 \times 8$   
 ins 9 ins in the ground for  
 $\frac{1}{4}$  sec cor marked  $\frac{1}{4}$  on N.  
 face and raised mound of  
 stone 2 ft high  $3\frac{1}{2}$  ft base  
 along side



Subdivision of S. 11 A. N. 3 E  
chains

Pits - in practicable  
Descend

- 40-70 Road br N.  $80^{\circ}$  E. and S  $80^{\circ}$  N.  
54-35 Same road br S  $80^{\circ}$  E. and N  $80^{\circ}$  N.  
63-75 Fence br N and S  
65-20 Big Bug Creek clear  
stream flows E. 15-cha  
wide.  
68-50 Fence br N. and S.  
70-00 Mehingers Dwelling house  
br N. 5-cha dist  
Baru br N.  $10^{\circ}$  E. 7-cha dist  
70-50 Fence br N. and S.

Ascend

- 79-66 Cor to recs 19-20-29-30  
Land hilly  
Soil - Valley 1<sup>st</sup> rate -  
Hill 3<sup>rd</sup> rate -

## Subdivision of T. 11 N. R. 3 E.

chain

Timber - Desert Willow  
Cottonwood and Hackberry  
along the creek. Live  
oak brush on hills.

---

$N 88^{\circ} 34' W$ . on a random line  
bet secs 19 and 30

Var  $13^{\circ} 48' E$

40. 00. Set temporary  $\frac{1}{4}$  sec cor.

89-20 Intersect N. boundary of  $\frac{1}{4}$  at  
25 lbs N. of cor to secs 19-24-25-  
and 30 being a limestone  
set and marked as described  
in the field notes furnished by  
the Surveyor General.

Thence I run -

$S 88^{\circ} 44' E$  on a true line  
bet secs 19 and 30

Var  $13^{\circ} 48' E$ .

Subdivision of T. 11. N. - R. 3 E

chain

Through "Crown of Christ" down to

5.00

Ascend white limestone hill

10.00

Top of hill

20.00

Descend hill

23.00

Bottom of hill

Descend gently

34.00

Bottom of descent

Ascend gently

35-50

Road br N. E and S. W.

49-20

Set granite stone 24x6x6 in.  
18 in in the ground for 1/4 sec  
cor marked 1/4 on N. face and  
raised mound of stone 1 1/2 ft  
high 3 1/2 ft base alongside

Pits infracticable.

63.00

Road br N. 75° E and S 75° W

Top of ascent.

83.00

Descend hill br N. and S.

## Subdivision of T. 11 N. R. 3 E.

chain  
89-20

Cor to secs 19-20-29- and 30

Land rolling  
 Soil 2<sup>nd</sup> and 3<sup>rd</sup> rate -  
 "Tinder small Mesquite -  
 Crown of Christ" brush

As the E and N. line bet  
 secs 18 and 19 is 10.42 chs  
 shorter than the line bet  
 secs 19 and 30. I run -  
 N.  $7^{\circ}25'$  W on a random  
 line bet secs 19 and 20  
 Var  $13^{\circ}48'$  E

40.00 Set temporary  $\frac{1}{4}$  sec cor

81.68 Intersect the E and N.  
 sec line at 28 chs E of  
 the cor to secs 17-18-19 and  
 20. Run a post firmly set,  
 marked and notched as

## Subdivision of S. 11 N. R. 3 E

Chains

described in the field notes furnished by the Surveyor General.

Thence I run —

S  $7^{\circ} 37'$  E on a true line  
bet runs 19 and 20

Var  $13^{\circ} 48'$  E

Ascend.

1 — Road on S  $25^{\circ}$  E and N.  $25^{\circ}$  W.

12.00 Top of ridge on S. E. and N. W.  
Var  $15^{\circ} 50'$  E.

Descend

25-07 Road on E and W

Var  $14^{\circ} 15'$  E

26.08 Prairie course S. E.

Ascend

32-00 Top of low ridge on E and W.

Var  $13^{\circ} 48'$  E

Could find no apparent cause

## Subdivision of S. 11 N. 3 E

for change in Var.

- 40-84 Set granite-stone 30x14x12 ins  
2-3 ins in the ground for  $\frac{1}{4}$  sec  
cor marked  $\frac{1}{4}$  on N. face  
raised mound of stone 2 ft  
high, 3 ft base alongside <sup>in practicable</sup> pits  
~~form which -~~  
A Juniper 10 ins in diam.  
br S 84° 25' N. Marked  $\frac{1}{4}$  S.B.T.  
School house br S 86° E.  
4 chs dist.

- 5-7.08 Ascend  
67.20 Road br E and N.  
78.00 Descend  
81-68 Cor to sec 19-20-29 and 30  
Land hilly and rough  
Soil 3rd rate  
Site for scattering Juniper  
Small Mesquite and underbrush  
September 12<sup>th</sup> 1891

Subdivision of T. 11 N. R. 3 E.

all of these lines run over  
mountainous land.

General Description

The surveyed portion of this township is very rough and hilly. The narrow valleys along the Agua Fria and Big Bug creek are very fertile; outside of these and East of the Agua Fria the surface is covered with volcanic stones and West of the Agua Fria it is granite formation.

There is very little timber in the township, some Cottonwood and Desert Willow and Hackberry along the creeks. and

scattering Juniper and young mesquite - also live oak brush catclaw and cacti.

The creeks afford a abundance of water for irrigating the valley land.

The climate and soil in the valleys and some of the hills is adapted to fruit growing, and there is a nice bearing orchard on Sec. 20

There is one settler each on sec 20-28- and 30, and a school house on sec 20.

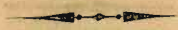
Francis B. Jacobs,  
U.S. Deputy Surveyor



Latitudes, Departures, and Closing Errors.

| Line Designated as | True Bear.         | Distance | Latitudes                  |        | Departures |        |
|--------------------|--------------------|----------|----------------------------|--------|------------|--------|
|                    |                    |          | N.                         | S.     | E.         | W.     |
| W. Boundary        | North              | 480.00   | 480.00                     |        |            |        |
| N. Boundary        | East               | 238.53   |                            |        | 238.53     |        |
| E. Boundary        | South<br>87° 01' E | 400.00   |                            | 480.73 | 9.93       |        |
| S. Boundary        | West               | 248.70   |                            |        |            | 248.70 |
| Convergency        |                    |          |                            |        | 0.77       |        |
| Totals. ---        |                    |          | 480.00                     | 480.73 | 249.23     | 248.70 |
|                    |                    |          |                            | 480.00 | 248.70     |        |
|                    |                    |          | Error in Departure - 0.53  |        |            |        |
|                    |                    |          | Error in Latitude --- 0.73 |        |            |        |

## List of Names.



A List of the Names of Individuals employed by  
*Franz B Jacobs* U. S. deputy  
 surveyor, to assist in running, measuring, or marking the lines  
 and corners described in the foregoing Field Notes of the survey  
 of *Township No 11 N (Fractional)*  
*Range No 3 East*  
*Gila and Salt River*  
*Meridian*  
*Territory of Arizona*

Showing the respective capacities in which they acted.

*Robert J. Shelton* Chairman.

*James F. Mainwaring* Chairman.

*Stephen Roach* Axeman.

*Marion E. Jacobs* Flagman.

## Final Oath of Assistants.

We hereby certify that we assisted <sup>of</sup> Francis B.

Jacobi U.S. Deputy Surveyor, in surveying

all those parts or portions of (Fractional)  
Township No 11 North Range  
No 3 East

Lines of Salt River Meridian  
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 estab-  
lished according to the instructions furnished by the United  
States Surveyor-General for Arizona.

Robert J. Shelton Chairman.

Jasper Fairbanks Chairman.

Stephen K. Allen Axeman.

Harlan E. Jacobs Flagman.

Sworn to and subscribed before me, this 2<sup>nd</sup> day of

October, 1891

Geo. J. Hawkins  
Notary Public

## Final Oath of Deputy Surveyor.

Francis Jacobs

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from ~~John Wasson~~ <sup>Rogers Johnson</sup> United States

Surveyor-General for Arizona, bearing date the 25<sup>th</sup>

day of ~~February~~ <sup>March</sup> 1881, 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 Surveying Manual, and the laws of the

United States, surveyed all those parts or portions of

Township No. 11 North

Range No 3 East

Gila and Salt River

Meridian.

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 Surveying Manual, printed instruc-

tions, the special 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 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

Francis B. Jacobs

U. S. Deputy Surveyor.

Sworn to and subscribed before me this 28<sup>th</sup> day of

November, 1841

Chas. S. Clark  
Clerk District Court

By Harry Z. Zuck  
Deputy



U. S. Surveyor-General's Office,

TUCSON, A. T., *Nov* 18*92*

The foregoing Field Notes of the Surveys of  
*Subdivisions of part*  
*Fractional Tr. 11 N. R. 3. E.*

..... *Gila and Salt River Meridian*  
 in ..... executed by

.....  
 U. S. Deputy Surveyor, under his contract dated  
 .....  
 having been critically examined, the necessary correc-  
 tions and explanations made, the said Field Notes and  
 the surveys they describe are hereby approved.

*Wm. A. Johnson*  
 U. S. Surveyor-General  
 for the Territory of Arizona.