

See Index in 1690

Field Notes

BOOK 1690

of the survey of the Exterior  
Boundaries of Townships

18 N. ranges 4. 5 & 6. W.

of the Gila and Salt Rivers

Mendocino. Arizona.

Executed by D. H. Case

U. S. Dep. Sur. under his

contract dated July 29. 1842

Survey commenced Nov. 7. 1842

Survey completed. Nov. 12. 1842

1690

1690

only of to  
 ground, and plumb the tally pins, whether by sticking or  
 dropping the same; that we will report the true distance to  
 all notable objects, and the true length of all lines, that we  
 will use in measuring, to the best of our skill and ability.

Edward Dyer  
 Andrew Strape

Subscribed and sworn to before me, this 6<sup>th</sup> day of  
 November 1872

E. W. Wells

Not. Dist. Court. J. Deputy Surveyor.

Yavapai County, Arizona





Index

Bet- T. 18 N; R. 344 W.  
 " - " " " ; " 445 " "  
 " - " 1849 " ; " 4 " "  
 " - " 1748 " ; " 5 " "  
 " - " 18 " ; " 546 " "  
 " - " 1849 " ; " 5 " "

≡ and ≡ BOOK 1690

South Bdy T. 18 N; R. 6 W.

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Preliminary Oaths of Assistants.

I, \_\_\_\_\_ do solemnly  
do swear that I will well and truly perform the duties  
dut of a Compassman, according to instructions given me, and  
ac the best of my skill and ability.  
ski

Subscribed and sworn to before me, this \_\_\_\_\_

187

da

U. S. Deputy Surveyor

We, Edward Byrne  
Andrew J. Shrope

do solemnly swear that we will faithfully execute the  
of Chain Carriers; that we will level the chain upon

## List of Names.

List of the Names of the individuals employed to assist  
in running, measuring, or marking the lines and corners  
described in the foregoing Field Notes of

the exterior boundary of Township  
No. Eighteen North of Range (4) East  
West. Tula and Salt River Meridian

giving the respective capacities in which they acted.

Edward Byrne	Compassman.
Andrew S. Shupe	Chainman.
Lucas Jones	Chainman.
R. A. Keller	Axeman.
	Flag man



Final Oaths of Assistants.

We hereby certify that we assisted *Omar Chase*  
 U. S. Deputy Surveyor, in surveying  
 "The exterior boundary of Town-  
 ship (18) Eighteen North of Range  
 (4) Four West, Gila and Salt  
 River Meridian.

and that said Survey has been in all respects, to the  
 best of our knowledge and belief, well and faithfully sur-  
 veyed, and the boundary monuments planted according to  
 the instructions furnished by the Surveyor-General.

*Edward Byrne*  
*Andrew Shupe*  
*Lozen Jenkins*  
*R. Keller*

Subscribed & sworn to before me  
 this 6<sup>th</sup> day of January A D 1873

*E. C. Wells*  
 Dist. Court  
 Navajo County, Arizona

Omar H. Case Deputy Surveyor

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Sp 18 North Range 4 West  
Gila and Salt River Meridian

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Field Notes of  
the Survey of the exterior  
boundaries of Township 18  
North Range 4 West Gila  
and Salt River Base and  
Meridian -

Territory of Arizona  
by

Omar H. Case

Deputy Surveyor

Under his contract of July 29<sup>th</sup>  
1872

Survey commenced Nov 14<sup>th</sup> 1872

" completed Nov 8<sup>th</sup> 1872



Between Ranges 3 & 4 West

Township 18 North

BOOK 1690

Begin at the established  
corner to Township 17 North  
Range 3 and 4 West

The corner  
a Stone in a mound of  
earth with pits

Thence North between  
Ranges 3 and 4 West Tp 18  
North Gila and Salt River  
meridian

North between sections  
31 and 36

Ch Va 15<sup>0</sup> East as per  
Burk improved Solar Compass

23,00 Old road bears NW and S E

40,00 Set a Stone 16 x 10 x 6 in a  
mound of earth with pits as per  
instruction for 1/4 sec cor: no Trees

80,00 Set a Stone 10 x 8 x 8 in a mound  
of earth 3 ft high for the corner  
to Secs 25, 30, 31, 36 - No Trees

Between Range 3 and 4 W. Sp 18 N

BOOK 1690

Sand gently rolling soil 1<sup>st</sup> rate

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North between Sec 25 and 30  
Ch Va 15<sup>o</sup> East

4,000 Set a post in a mound with  
piki as per instructions for 1/4  
Sec. cor. No trees near.

8,000 Set a post in a mound for  
the cor to Secs 19, 24, 25 and  
30 as per instructions. No trees.

Sand level Soil 1<sup>st</sup> rate  
no Timber

---

North between Sec 19 and 24  
Ch Va 15<sup>o</sup> East

4,000 Set a post in a mound with  
piki for 1/4 Sec cor as per  
instructions. No Trees

8,000 Set a Stone 10 x 8 x 8 in a  
mound with piki for the  
cor to Sec 13, 18, 19 and 24

Between Ranges 3 and 4 W, T<sup>3</sup> 18 N

BOOK 1690

No Trees, Land gently  
rolling Soil 1<sup>st</sup> rate No Timber.

North between Sec 13 and 18

Ch Va 15<sup>th</sup> East

4,000 Set a post in a mound with  
pins for  $\frac{1}{4}$  Sec cor as per  
instructions. No trees near

8,000 Set a post in a mound with  
pins for the cor: to Sec 7, 12  
13 and 18 as per instructions  
No Trees

Land mostly level Soil 1<sup>st</sup> rate  
No timber

North between Sec 7 and 12

Ch Va 15<sup>th</sup> East

4,000 Set a post in a mound with  
pins for  $\frac{1}{4}$  Sec cor as per  
instructions - No trees

74,00 Entered cedar Timber bears E & W

Between Ranges 3 and 4 W. Sp 18 N

BOOK 1690

8,000 Set a Stone 10 x 8 x 8 in a mound of earth with pits for the cor to Sect 1, 6, 7 and 12 from which a cedar 8 in: bears S 45° W 30 links  
Land mostly level Soil 1<sup>st</sup> rate  
Lumber scattering cedars on the north

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Ch North between Sect 1 and 6  
Ta 15° East  
4,00 Begin ascent of hill 100 feet high bears E and W  
6,00 Summit and begin descent bear E and West  
10,00 Foot of Hill  
12,00 Road bears E and W  
13,00 Entered level land bear E and W  
4,000 Set a Stone 10 x 10 x 10 in a mound of earth with pits as per instructions for 1/4 Sec. cor: from which six cedars bear

Between Ranges 3 and 4 West Sp 18 N

BOOK 1690

S 45° to 6° chains

76.00 Walnut Creek rune N to 75 links  
wide -

80.00 Set a stone 12 x 8 x 8 in a  
mound of earth with fuki as  
per instructions for the cor: of Secs  
1, 6, 31 and 36 and the corner  
of Townships 18 and 19 North  
Range 3 and 4 West - Land mostly  
level soil 1<sup>st</sup> rate Timber  
scattering cedars on south of Secs

### Remarks

Land in Township East gently  
sloping North good farming  
lands - In Township West land  
sloping East, West side of Township  
covered with growth of Cedar

O. H. Case

Dep U, S. Surveyor

Nov: 7<sup>th</sup> 1872

Between Range 4 and 5 West  
Township 18 North

BOOK 1690

Begin at the established corner  
of T<sub>17</sub> and 18 N between Range  
4 and 5 West

The corner a post in a  
mound with pits

Thence North between  
Range 4 and 5 W, T<sub>18</sub> North  
North between Sec 31 and 36  
T<sub>15</sub> East as per tour with  
improved solar compass

4,000 chains = Set a Stone 18 x 10 x 8  
in a mound with pits as per  
instructions for 1/4 sec. cor.

No trees near

69,000 chains = Road from Prescott to  
Camp Hualpai bear NW and S. E.

8,000 chains = Set a Stone 18 x 8 x 8 in  
a mound of Stone for the corner  
of Sec 25, 30, 31 and 36 No trees  
near, Land rolling soil 2<sup>nd</sup> rate  
Timber scattering Cedars

North between Sec 25 and 30  
Ta 15<sup>th</sup> East

4,000 chains = marked a Pinon 10 in dia  
for  $\frac{1}{4}$  sec corner from which a

Pinon 8 in dia bears South 8 links

8,000 chains = marked a Pinon 6 in dia

for the cor of Sec 19, 24, 25 and 30

from which a Pinon 4 in dia bear

S.W. 4 links a Cedar 20 in dia

N 6<sup>th</sup> E 6 Links = Sand rolling

soil 1<sup>st</sup> and 2<sup>nd</sup> rate = Timber

scattering Cedars and Pinon on

North end of line

North between Sec 19 and 24  
Ta 15<sup>th</sup> East

4,000 chains = set a post in a mound  
with pegs as per instructions for  $\frac{1}{4}$

sec. cor. from which a Cedar <sup>10 in.</sup>

bears N 89<sup>th</sup> W 75 links

8,000 chains, set a post in a mound

Between Ranges 4 and 5 West  
Township 18 North.

BOOK 1690

with picks as per instructions  
for the cor. to sec 13, 18, 19 and  
24 from which a Pinon 10 in  
dia; bears S 40 E 35 a Pinon  
8 in dia bears N 88 W 40 = Sand  
rolling soil 2<sup>nd</sup> rate = Lumber  
Pinon and Cedar.

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North between sec 13 and 18  
Ta 15 + East

40,00 chains = Set a Stone 10 x 8 x 8 in a  
mound of Stone as per instructions  
for 1/4 sec cor from which a  
Pinon 10 in dia bears N 88 E  
W. 15 links —

41,00 chains = Entered bottom of Walnut  
Creek bear W and N. E —

53,00 chains = Walnut creek runs N. E.  
100 links wide —

58,00 Left bottom of Walnut Creek  
bear W and N. E. entered rolling



Between Ranges 4 and 5 West  
Township 18 North - 9

BOOK 1690

land

80,000 chains = Set a Stone  $16 \times 10 \times 6$   
in a mound of stone 3 ft high  
as per instruction for the corner  
of Sec 7, 12, 13 and 18 = No trees  
Land rolling = soil 1<sup>st</sup> and 2<sup>d</sup>  
rate = Timber Pinon & Cedar

North between Sec 7 and 12

Ch

Ta 15<sup>th</sup> East

32,000 Entered swale bear NW & SE

4,000 Set a Stone  $12 \times 12 \times 12$  in a  
mound with pick as per  
instruction for 1/4 sec corner  
No trees near

8,000 Set a Stone  $18 \times 10 \times 4$  in a  
mound with pick as per  
instructions for the corner to  
Sec 1, 6, 7 and 12 No trees  
Land rolling soil 1<sup>st</sup> and 2<sup>d</sup> rate  
Timber scattering Cedars

10  
Between Ranges 4 and 5 West  
Township 18 North

- Ch 1690  
BOOK
- North between Sec 1 and 6  
Ta 15<sup>th</sup> East
- Begin ascent of East slope of  
high Perchaco 250 feet high
- 40,00 Set a Stone 10 x 8 x 8 in a mound  
of Stone as per instructions for  
1/4 Sec cor on South slope of  
hill No trees near
- 55,00 Opposite highest point to Chaur  
West -
- 70,00 Begin descent towards North
- 80,00 Set a Stone 3 feet x 2 feet x 4 in  
in a mound of Stone as per  
instructions for the cor to Sect  
46, 31 and 36 and the corner of  
Townships 18 and 19 North between  
Ranges 4 and 5 West from  
which a Cedar 30 in dia  
bear North 10 links -  
a Cedar 20 in dia South  
20<sup>th</sup> to 20 links

Between ranges A and S West  
Lower half 18 North

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BOOK 1690

Sand broken - soil poor  
Timber scattering cedar

---

13  
Between Townships 18 and 19 North  
Range 4 West

BOOK 1690

From the corner to Township  
18 and 19 North Ranges 4 and 5  
West Stran

East on random line  
between said Townships the  
Variation of my Compass  
showing  $15^{\circ}$  East, Burck  
improved Solar

I set temporary  
half mile and mile posts  
at 4,000 and 8,000 chains from  
the Township to be 5 miles  
78 chains 84 links and the  
intersection 79 links South of  
Township corner

The correction West will  
be  $1.16$  chains and North  $13 \frac{1}{100}$   
links per mile.

The correction to run a true line west  
will be 6 minutes per mile  $\angle S 89^{\circ}$   
54' West

Between Townships 18 and 19 North  
Range 4 West -

BOOK 1690 13

S 89° 54' W on true line between  
Sec 1 and 36 -

Ch  $\frac{1}{4}$  a 15° East

6,000 North branch of Walnut Creek  
runs N. E. line along right branch

10,000 Left Creek bank bear N. E.

4,000 Set a post in a mound with  
picks as per instructions for  $\frac{1}{4}$

Sec cor = No trees -

8,000 Set a stone 10 x 8 x 8 in a  
mound of earth for the corner  
to Secs 1, 2, 35 and 36 No trees

Sand level Soil 1<sup>st</sup> rate

November -

S 89° 54' W on true line between  
Sec 2 and 35

Ch  $\frac{1}{4}$  a 15° East

3,000 Entered cedars bear N and S

4,000 Set a post in a mound with  
picks as per instructions for  $\frac{1}{4}$  Sec

14  
Between Townships 18 and 19 North  
Range 4 West

Ch <sup>1690</sup>  
BOOK corner from which a cedar  
20 mi dia bears South 20 links  
7,000 Left cedars bears N and S  
70,00 entered bottom land bears  
N. E. and S. W.

8,000 Set a stone 10 x 8 x 8 in a  
mound with pick as per  
instruction for the corner to  
Sec 2, 3, 34 and 35 No trees  
Land rolling Soil poor  
cedar on East end of line -

S 89° 54' W on true line  
between Sec 3 and 34

Ch Va 15° East  
4,000 Set a stone 10 x 8 x 8 in a  
mound of stone as per instruction  
for 1/4 sec cor = No trees

8,000 Set a stone 16 x 14 x 10 in a  
mound of stone as per instruction  
for the cor to Sec 34, 33 and 34

Between Townships 18 and 19 North  
Range 4 West BOOK 1690 15

No trees near

Land rolling Soil 2<sup>nd</sup> rate

Timber scattering Cedars

S 89° 54 West on true line  
between Sec 4 and 33

Ch Va 15° East

4,000 Set a stone 10 x 10 x 10 in a  
mound with pile as per  
instructions for 1/4 sec cor. No  
trees near.

6,000 Entered Cedars bears N.W. & S.E.

8,000 Set a stone 10 x 8 x 8 in a  
mound of stone as per instruction  
for the cor to Sec 4, 5, 32 and 33  
from which a Pinon 8 in dia bear  
S 2° W 20 links and a Pinon  
10 in dia bear North 40 E 60 links  
Land rolling Soil 1<sup>st</sup> & 2<sup>nd</sup> rate  
Timber Cedar

Between Townships 18 and 19 North  
Range 4 West

16  
BOOK 1690

S 89° 54' W on true line  
between Sec 5 and 32

Ch Va 15° East

4,000 Set a Stone 12 x 8 x 8 in a  
mound of stone as per instructions  
for 1/4 Sec cor from which a  
Pinon 8 in dia bears S 86° E 30  
No other near

8,000 Set a Stone 12 x 8 x 8 in an  
earth mound as per instructions  
with pick for the cor to Sec 5,  
31, 32 from which  
a Cedar 10 in dia bears N 6 E 15 W  
No others near

Land mostly level soil 1<sup>st</sup> rate  
Timber, Cedar

S 89° 54' W on true line  
between Sec 6 and 31

Ch Va 15° East

10,000 Valley bear N and S



Between Townships 18 and 19 North  
Range 4 West

BOOK 1690

17

- 2,000 Opposite side bear N and S  
4,000 Set a Stone  $10 \times 10 \times 8$  in a mound  
of earth with full & proper instructions  
for 1/4 sec cor = No trees near  
6,000 Entered broken land on N & E  
of Perchaco =  
78,84 The established corner to  
Townships 18 and 19 North  
between Ranges 4 and 5 West  
Land broken on west end of  
line east level  
Soil 1<sup>st</sup> and 3<sup>rd</sup> rate  
Lumber Scattering Cedars

### General Description

This Township contains a large  
amount of good farming land  
especially the East portion -

It is well timbered with Cedar  
and Pinon - Walnut creek runs  
through the Northern portion

Omar, H. Case Deputy Surveyor

Township 18 North Range 5 West  
Gila and Salt River Meridian

Field Notes of  
the Survey of the exterior  
boundaries of Township 18  
North Range 5 West Gila  
and Salt River Base and  
Meridian -

Territory of Arizona  
by

Omar H. Case

Deputy U.S. Surveyor

Under his contract of July 29<sup>th</sup>  
1872

Survey commenced Nov. 9<sup>th</sup> 1872

" completed Nov. 11<sup>th</sup> 1872

between Townships 17 and 18 North  
Range 5 West

19  
BOOK 1690

Begin at the established corner  
of Townships 17 and 18 North  
between Ranges 4 and 5 West.  
Thence West between Townships  
17 and 18 North Range 5 West

West <sup>on true line</sup> between Sec 36 and  
Ch. V. a 15<sup>th</sup> East as per  
Burt's improved Solar compass  
4,000 Set a stone 12 x 10 x 10 in a  
mound of earth as per instructions  
for 1/4 Sec cor. - No trees  
6,000 Entered thick growth of Cedar  
bear N and South  
8,000 marked a Pinon 10 in dia for  
the cor to Sec 1, 2, 35 and 36  
as per instructions from Utah  
a Cedar 8 in dia bears N 4<sup>th</sup> W 16,  
" Pinon 10 in " " N 37<sup>th</sup> E 35  
Land gently rolling soil 2<sup>nd</sup> rate  
Timber Cedar and Pinon

<sup>on true line</sup>  
West, between Sec 2 and 35  
1/4 a 15° East.

Ch

4,000 Set a stone 18x10x8 in a mound of stone as per instructions for 1/4 Sec corner from which a pinon 10 in dia bears West 16 links  
" " 8 in " " S 35 1/2 W 30 "

8,000 Set a stone 14x12x10 in a mound with pile as per instruction for the cor to Sec 2, 3, 34, 35 from which a Pinon 4 in dia bears S 32° W of the  
" " 3 " " " S 24° E 18 "  
" " 8 North 25 "

Land rolling soil 2<sup>nd</sup> rate  
Lumber Cedar and Pinon

West on true line between Sec  
3 and 34

Ch 1/4 a 15° East

38,000 Begin ascent of hill bears NW

Between townships 17 and 18 North  
Range 5 West

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BOOK 1690

- Ch S. E. Rocky point 200 feet high  
4,000 Set a stone  $16 \times 14 \times 10$  in a  
mound of stone as per instruction  
for  $\frac{1}{4}$  sec. cor. No trees near  
5,000 Summit of hill bear N.W. & S.E.  
5,100 Aztec Ruins a wall 200 feet long  
4 feet high and 4 feet thick built  
across point from S.W. to N.E.  
5,200 Begin descent bears N.W. S.E.  
7,000 Foot of hill bear N.W. S.E.  
8,000 Set a stone  $18 \times 10 \times 8$  in a  
mound of stone 3 feet high  
as per instructions for the cor  
to sec. 3, 4, 33, 34 -  
Land broken soil 3<sup>rd</sup> rate  
No timber

on true line

West, between sec 4 and 33

Ch

$\frac{1}{4}$  a 15<sup>th</sup> East

- 4,000 Set a stone  $10 \times 8 \times 8$  in a  
mound of stone as per instruction

Ch for  $\frac{1}{4}$  Sec cor from which a  
Cedar 8 in dia bear North 5 links  
8,000 Set a Post in a mound with  
fuki as per instruction for the  
cor to Secs 4, 5, 32, 33 -

No trees near Sandrolling soil poor  
No timber = Manzanita brush

West on true line between Secs  
5 and 32

Ch Va 15° East

3,000 Road from camp Hualpai beare  
S. E. N. W.

4,000 Set a post in a mound with  
fuki as per instruction for  $\frac{1}{4}$   
Sec cor = No trees -

8,000 Set a Stone 18x16x10 in a mound  
of stone 3 feet high as per instruction  
for the corner to Secs 5, 6, 31, 32  
No trees - The corner on S West  
slope of hill =

Between townships 17 and 18 North  
Range 5 West

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BOOK 1690

West on true line between  
Sec 6 and 31

Ch Va 15<sup>o</sup> East

4000 Set a post in a mound with  
pile as per instructions for 1/4  
Sec cor: from which a cedar  
6 in dia bears S 32<sup>o</sup> W, 18

7950 Set a post in a mound of stone  
3 feet high as per instructions  
for the corner to Sects 1, 6, 31, 36  
and the corner to townships  
17 and 18 North Range 5 and 6 West  
from which

a cedar 8 in dia bears N 40<sup>o</sup> E 58 links

" " 10 " " " S 21<sup>o</sup> E 80 "

" " 10 " " " S 14<sup>o</sup> W 35 "

Land rolling soil 2<sup>nd</sup> rate

Timber - Cedar

Between Ranges 5 and 6 West  
Township 18 North

- Ch North between Secs 31, 36  
Va 15° East as per  
Burt's Solar Compass
- 4,000 Set a stone 10x10x10 in a  
mound of stone as per instruction  
for 1/4 Sec. cor. from which a  
Cedar 18 in dia bears N 32° E  
43 links, corner in Ravine -  
bears N.W.
- 6,100 Old road bear N.E. S.W
- 62,00 Entered field bear N.E. S.W.
- 8,000 Set a post in mound with pile  
as per instruction for the cor to  
secs 25, 30, 31, 36 = Land  
rolling soil 1<sup>st</sup> and 2<sup>nd</sup> rate  
Lumber pine and cedar. Pine  
West of line =

---

Ch North between Secs 25 and 30  
Va 15° East

1900 Left field bear N.E.



between ranges 0 and 0 West.

25 Township 18 North

BOOK 1690

21,00 Old road bears N.W. S &

4000 Set a stone 10x10x8 in a mound  
off stone as per instruction for 1/4  
Sec: cor. No trees near =

6000 Limits of Camp Hualpai and  
summit of hill overlooking Walnut  
Creek.

7400 Walnut Creek runs East 100  
links wide =

8000 Set a post in a mound of stone  
as per instruction for the cor: to  
Sec 19, 20, 29, 30 =

19, 24, 25 & 30?

Sand rolling, soil 1<sup>st</sup> and  
2<sup>nd</sup> rate = No timber =

November 9<sup>th</sup> 1872

North between Sec 19 and 24

Ch Va 15° East

2,00 Road to Clardyville bearing 6° W

10,00 Houses of the Garne on a Hualpai  
on both sides of river

1500 Flag staff 1, 80 links east of point

Between Range 5 and 6 West  
Township 18 North

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BOOK 1690

- 2,100 Left Garrison bear S.E.  
4,000 Set a Stone  $14 \times 10 \times 10$  in a mound of stone as per instruction for  $\frac{1}{4}$  Sec. cor. = No trees near  
6,000 Limits of Camp Hualpai E and W  
8,000 Set a Stone  $24 \times 10 \times 8$  in a mound of stone 3 feet high as per instruction for the cor. to Secs. 13, 18, 19, 24 =  
Land rolling; soil 2<sup>nd</sup> rate  
Lumber scattering cedars -

North between Sec 13 and 18  
Ta 15° East

- ck  
600 Rocky ridge bear N.E. 50 ft  $\frac{1}{2}$  high  
4,000 Set a Stone  $10 \times 8 \times 8$  in a mound of stone 3 feet high as per instruction for  $\frac{1}{4}$  Sec. cor. =  
No trees =  
8,000 Set a Stone  $10 \times 10 \times 8$  in a mound of stone as per instruction

Between Ranges 5 and 6 West.  
Township 18 North

BOOK 1690

for the corner to Sect 7, 12, 13  
and 16 from which a cedar  
8 in dia bears S  $10^{\circ}$  W 15 lks  
a cedar 8 in N  $8^{\circ}$  E 20 "

No other near

Land rolling soil 2<sup>d</sup> rate  
Lumber cedar on North of line

North between Sect 7 and 12  
Ch Va  $15^{\circ}$  East

2000 High bluff walls of juniper  
mountain 4000 chains West

4000 Set a stone  $10 \times 8 \times 8$  in a  
mound as per instruction for  
 $\frac{1}{4}$  Sec. cor. on South slope  
of hill = No trees

8000 Set a stone  $16 \times 10 \times 10$  in a  
mound of stone as per instruction  
for the corner to Sect 1, 6, 7 and 12  
from which a cedar 8 in dia  
bear N  $87^{\circ}$  W 20 links = No

between Ranges 5 and 6 West  
Township 18 North

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BOOK 1690

others near

Land broken and hilly  
soil poor - Lumber scattering  
Cedars =

Ch North between Sec 1 and 6  
T<sub>15</sub> East

25,00 Trail from Hualpai to  
Cienega bears N. W. S &

4,000 Set a Stone 16 x 14 x 10 in a  
mound of Stone as per instruction  
for 1/4 Sec cor from which a  
Cedar 16 in dia bear N 30 E 25 lbs

54,80 Entered field bear E & W

55,00 Irrigation Ditch runs east

6,000 Opposite side of field bear east  
Camp of Soldiers 20 chains West  
at Cienega

75,00 arroyo runs east 25 links wide

8,000 Set a Stone 36 x 24 x 10 in a  
mound of stone as per instruction

Between Ranges 5 and 6 West  
Township 18 North

BOOK

1690

for the cor: to Secs 1, 6, 31, 36  
from which

a Pinon 10 mi dia bears  $N60^{\circ} E 20$

" " " " " " N10 W 20

" " " " " " S40 W 5

Sand rolling soil 1<sup>st</sup> and 3<sup>rd</sup> rate

Lumber Cedar and Pinon

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Between Townships 18 and 19 North  
Range 5 West

30

BOOK 1690

From the corner to Townships  
18 and 19 North between Ranges  
5 and 6 West I run east on a  
random line between said  
Townships my compass showing  
a variation of

15 ° East

I set temporary half mile and  
mile posts at 40,00 and 8000  
chains I find the Township line  
to be 5 miles 79 chains and  
10 links and the falling at the  
post corner = the correction  
for the true line west will  
be <sup>lks</sup>.90 per mile

From the corner to Townships  
18 and 19 North Range 4 and 5 West  
I ran

West on true line between Sec 1 & 36

between townships 18 and 19 North  
3 Range 5 West =

BOOK 1690

Ch Va 15° East as per Burts  
improved solar compass

Begin ascent of hill bearing  
N and S at corner

2200 Summit and begin descent.

3200 First bench bear N and S

4000 Set a stone 10 x 8 x 8 in a mound  
of stone as per instruction for 1/4  
Sec. cor. No trees near.

7000 Entered scattering Cedars bear N

8000 Set a stone 18 x 16 x 4 in a mound  
of stone as per instruction for the  
cor to Secs 1, 2, 35, 36 from  
a Pinon 10 in dia bears S. 6. 5 lb  
" Cedar 6. " " N 45 W 30  
Land broken soil poor scattering  
timber in Township South.

---

West on true line between  
Sec 2 and 35

Va 15° East

Between Townships 18 and 19 North  
Range 5 West = BOOK 1690 32

22,00 Begin ascent of hill 150 feet  
high bear N and S

40,00 Set a Stone  $18 \times 10 \times 10$  in a  
mound of stone as per instruction  
for  $\frac{1}{4}$  Sec. cor. The corner  
on east slope of hill near summit.

48,00 Summit level plateau covered  
with cedars =

72,00 Begin descent bear N and S

8,000 marked a Boulder  $3\text{ft} \times 2\text{ft} \times 2\text{ft}$   
for the corner to Secs 2, 3, 34, 35  
No trees near

Land broken soil 2<sup>nd</sup> rate  
Timber Cedar.

---

West on true line between  
Secs 3 and 34 —

Ch Va 15<sup>th</sup> East

4,000 marked a Pinon 4 in dia as per  
instruction for  $\frac{1}{4}$  Sec. cor  
No others near =



- 58,00 Entered Valley bear N and S  
67,00 St Whipples road to Haulpian  
bear N. E. S.W.  
800,0 Set a Post in a mound with  
pits as per instruction for the  
corner to Sec 3, 4, 33, 34  
Sand level on west end of line  
East broken  
Lumber scattering Cedars
- 

West on true line between Sec  
4 and 33 =

- Ch Va 15° East  
5,00 Reef of Rocks bears N. E. and  
S.W. 20 feet high  
4000 Set a post on a mound with  
pits as per instruction for 1/4 Sec  
COR =  
5000 Entered Cedars bear N and S  
8000 Set a post in a mound with  
pits as per instruction for the

cor to sec 4, 5, 32, 33 from  
which a cedar 10 in dia bear  
S 5 E. 30 lbs

Land level soil 1<sup>st</sup> rate  
Timber Cedar

West on true line between  
sec 5 and 32 =

Ch  $\frac{1}{4}$  Va 15° East

2000 Left Timber entered mesa land  
bear N. E. S. W.

4000 Set a Stone 12 x 12 x 12 in a  
mound of stone as per instruction  
for  $\frac{1}{4}$  sec cor = No trees

8000 Set a Stone 18 x 10 x 4 in a  
mound of stone as per instruction  
for the corner to sec 5, 6, 31, 32  
from which =

a mulberry 10 in dia bears S. E. 35

" Cedar 10 " " S 40 W 50

Land rolling soil 1<sup>st</sup> and 3<sup>rd</sup>

Between townships 18 and 19 North  
Range 5 West

35

rate - Timber scattering Cedars  
and mulberrys -

BOOK 1690

West on true line between  
Sec 6 and 31

Ch Va 15° East

Begin ascent of hill at cor  
2500 Summit and begin descent  
bear N and S.

3900 Foot of hill bear N and S

4000 marked a Cedar 4 in dia  
for  $\frac{1}{4}$  sec cor as per instruction  
from which -

a Cedar 8 in dia bear N 45° E 20

79.10 The corner to Sec 1, 6, 31, 36  
and the corner to Township 18  
and 19 North Range 5 and 6 West

Land rolling Soil 1<sup>st</sup> and  
3<sup>rd</sup> rate =

Timber Cedar on west  
end of line =

BOOK 1690

General Description

This Township contains some  
fine farming lands  
Walnut Creek flows through it  
towards the N East -

Camp Hualpai is partly in  
this Township and in the  
Township West - There are  
several farms under cultivation  
in the Valleys of Walnut-  
Creek -

This Township should be  
subdivided -

Omar H Case  
Dep U.S. Surveyor

November 11<sup>th</sup> 1872

Omar, H. Case Deputy Surveyor

Township 18 North Range 6 West  
Gila and Salt River meridian

Field Notes of  
the Survey of the South  
Boundary of Township  
18 North Range 6 West  
Gila and Salt River Base  
and meridian

Territory of Arizona  
by

Omar, H. Case  
Deputy U. S. Surveyor

Under his Contract of July 29<sup>th</sup>  
1872

Survey commenced Nov. 10<sup>th</sup> 1872

" completed Nov. 10<sup>th</sup> 1872

Begin at the established cor  
to Township 17 and 18 North  
Range 5 and 6 West

The corner a post in a  
mound with witness trees  
from thence

West between Sec 36 & 41

Ch Va 15<sup>th</sup> East

15,00 Summit of hill overlooking  
pine Valley bear N. E & S W

40,00 Set a stone 16 x 10 x 6 in a mound  
as per instructions for 1/4 Sec  
cor: = No trees =

45,00 Timber road bears N. E.

80,00 Set a stone 10 x 10 x 6 in a  
mound of stone as per instruction  
for the cor: to Sec 1, 2, 35 and 36

Land much broken by  
granite boulders soil poor  
Timber Pine -

South Boundary of Township  
18 North Range 6 W.

39  
BOOK

1690

West between Sec 35 and 2  
on true line

Ch Va 15° East

4000 marked a Granite boulder  
6ft $\frac{1}{2}$  x 4ft $\frac{1}{2}$  x 3ft $\frac{1}{2}$  for  $\frac{1}{4}$  Sec  
No trees

8000 Set a stone 17 x 14 x 13 in a mound  
of stone as per instruction for the  
cor to Sec 2, 3, 34 and 35  
Land much broken soil  
poor scattering Pines

---

West on true line between Sec  
34 and 3

Ch Va 15° East

4000 Set a stone 10 x 8 x 8 in a mound of stone  
as per instruction for  $\frac{1}{4}$  Sec cor No trees  
cor on North slope of hill

6400 Hill slopes North

8000 Set a stone 10 x 10 x 10 in a mound of stone  
as per instruction for the Cor to Sec

South boundary of Township  
18 North Range N. W. 40

BOOK 1690

3, 4, 33 and 34 = Sand rolling  
Soil poor = no timber -

I did not extend the Township  
line any further West on  
account of the Juniper mountain  
a high inaccessible range  
destitute of any arable land.

### General Description

There are several ranches on  
Walnut Creek, and for this  
reason a portion of this Twp  
should be subdivided  
Juniper m<sup>t</sup> and its adjoining  
ranges are unfit for cultivation

Omar A Case

Deputy U.S. Surveyor

19<sup>th</sup> November 1872



U. S. Surveyor General's Office

Tucson, Ariz. March 1, 1873

BOOK 1690

The foregoing field notes of the survey of the Exterior lines of Townships 18 N. range 4. 5  $\frac{1}{2}$  E. W. of the Gila and Salt River Meridian. Arizona, executed by Omar K. Case U. S. Dep. Sur. under his contract of July 29. 1872, having been critically examined, and the necessary corrections and explanations made, the said field notes and the survey they describe are hereby approved.

John Masson  
Surveyor General

Final Oath of Deputy Surveyor.

I, Omar H. Case

Deputy Surveyor, do solemnly swear that, in pursuance  
with a contract with John Wasson,  
United States Surveyor-General for Arizona, bearing date  
the 27<sup>th</sup> day of July 1872, I have well, faithfully  
and truly, in my own proper person, and in strict con-  
formity with the instructions furnished by the Surveyor-  
General, the Surveying Manual, and the laws of the  
United States, surveyed all those parts or portions of  
The exterior boundary of Township  
(8) Eighteen North of Range (4) Four  
West, Gila and Salt River Meridian

are represented in the foregoing Field Notes as having

been surveyed under my directions; and I do fe  
solemnly swear that all the corners of said surveys  
been established and perpetuated in strict accordance  
the Surveying Manual and printed instructions, and  
the foregoing are the true and original Field Notes of  
Survey.

*Quinn H. Lease*

U. S. Deputy Sur

Subscribed and sworn to before me, this  
day of *January*, 1873

*E. W. Wells*

*Clerk Dist Court*

*Yavapai County*

*Arizona*

