

3<sup>rd</sup> BK.

*Subdivisions*  
*T. 16 N. R. 5 W.*  
*Contract No 89*  
*A. B. MADER D.S.*

*C*

*No. 3.*

*1727*

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4-671

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FIELD NOTES  
GENERAL LAND OFFICE.

Filed Jan 2<sup>th</sup> 1904

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BOOK 1727

1.

# FIELD NOTES

OF THE SURVEY OF THE

## SUBDIVISION

OF

TOWNSHIP No. 16 NORTH, RANGE No. 5 WEST

OF THE

GILA AND SALT RIVER  
BASE AND MERIDIAN

IN THE

TERRITORY OF ARIZONA

AS SURVEYED BY

ARTHUR B. MADER

U.S. DEPUTY SURVEYOR

UNDER HIS CONTRACT No 89

DATED DEC. 9<sup>th</sup>, 1901.

SURVEY COMMENCED-

SURVEY COMPLETED - NOV. 23<sup>rd</sup> 1903.

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" E "

NAMES AND DUTIES OF ASSISTANTS

W. E. Allen

Chairman

W. C. Meyers

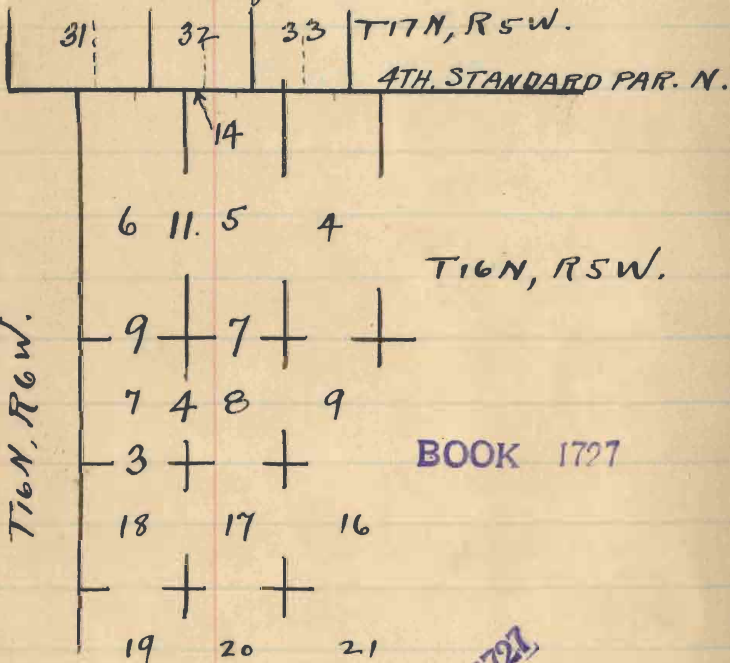
Chairman

Henry Clay

Arman

Oscar Clay

Flagman



T16N, R6W.

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Subdivision of Twp. 16 N. Rg. 5 W.

chains

Thence I run

S 89°-57' E on a true line  
bet. sec's 7 and 18

ascend rough slope of  
high mountains

10.00 Ridge bears N and S  
descend slope of mountain

18.00 bottom and ascend over  
large rocks and through  
dense brush

31.00 Top of Seepage Mt. bears  
N. E. and S. W. and over  
top

33.50 descend steep slope

49.95 Set a malpais line 18 10 5 12 ins.

in the ground for  $\frac{1}{4}$  sec. cor.,  
marked  $\frac{1}{4}$  on N. face and  
raised a mound of stones  
2 ft. base,  $1\frac{1}{2}$  ft. high N. of  
cor. Pits impracticable.

Subdivision of Tp. 16 N. Rg. 5 W.  
chains.

- no bearings available.
- 62.90 Cross Seepage canyon, near head, course S. E.  
ascend rocky mountain slope
- 75.00 Top- and descend slope of Seepage Mt.
- 89.95 The cor. of sec's 7, 8, 17 and 18.  
Land mountainous.  
Soil, rocky, 4<sup>th</sup> rate.  
Undergrowth oak.  
Mountainous land and land covered with dense undergrowth, 89.95 chus.
- 
- No<sup>o</sup>-03' W, bet. sec's 7 and 8  
ascend south slope of Seepage Mountain
- 14.85 Top and over mountain top, broken and rough and scattered brush

## Subdivision of Twp. 16 N. R. 5 W.

chains

18.20

Top of north slope of mountain  
descend through dense brush

30.30

cross gulch, course N. E.

40.00

Set a malpais stone, in crater  
bottom, 12 x 8 x 8 ins. 7 ins. in  
the ground for  $\frac{1}{4}$  sec. cor.marked  $\frac{1}{4}$  on W. face and  
raised a mound of stone  
2 ft. base, 1 $\frac{1}{2}$  ft. high W.  
of Cor. Pits impracticable.No bearings available.  
ascend steep south slope

57.60

Top of sharp ridge bears E & W  
descend abrupt rough slope

66.80

cross deep gulch, 15 lbs wide  
course S. E. bears N. W.

ascend steep rocky slope

76.20

Top of mountain and over top

80.00

Set a malpais stone 20 x 8 x 6 ins. 15

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## Subdivision of Tp. 16 N. Rg. 5 W.

chains

ins. in the ground for cor. of  
secs. 5, 6, 7 and 8, marked with 5 notches

E 5 S

A cedar 7 ins. diam. bears  $S46^{\circ}41'E$   
93 lks. dist. marked T 16 N R 5 W

S 8 BT

A cedar 10 ins. diam. bears  $N8^{\circ}11'W$   
86 lks. dist. marked T 16 N R 5 W

S 6 BT

And raised a mound  
of stones 2 ft. base,  $1\frac{1}{2}$  ft.  
high, W. of cor.

Pits impracticable.

No other bearings available.

Land mountainous.

Soil, rocky, 4<sup>th</sup> rate.

Timber, cedar and juniper.

Undergrowth, oak.

Mountainous land and  
land covered with dense  
undergrowth, 80.00 chus.



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Subdivision of Tp. 16 N. Rg. 5 W.  
chains.

S  $89^{\circ}-58'$  E on a random line  
bet. sec's 5 and 8.

40.00 Set a temp.  $\frac{1}{4}$  cor.

79.94 Intersect N. and S. line  
7 lks. N. of cor. of sec's  
4, 5, 8 and 9

Thence I run

N  $89^{\circ}-55'$  W, on a true line  
bet. sec's 5 and 8

ascend slope of mountain  
steep and rough and through  
dense oak brush

18.50 Top of mountain and  
across mountain through  
dense brush

24.00 descend, through dense brush

38.10 cross gulch, 15 lks. wide, course  
N. E. bears S. W.

39.97 Set a malpais stone 16 x 12 x 4 ins., 11  
ins. in the ground for

8.

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Subdivision of Tp. 16 N. R. 5 W.

chains

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

Pits impracticable.

No bearings available.

ascend steep brushy slope

70.00

Top of mountain and over  
top, rocky and through dense  
brush

79.94

The cor. of secs 5, 6, 7 and 8.

Land mountainous.

Soil, rocky, 4<sup>th</sup> rate.

Undergrowth, oak.

Mountainous land and land  
covered with dense undergrowth

79.94 chains.

November 22<sup>nd</sup>

Subdivision of Tp. 16 N. Rg. 5 W.

chains

November 23<sup>rd</sup>, At 8<sup>h.</sup> 00 m.

✓ A. M. L. M. Y. I set off  $34^{\circ} 45'$  <sup>18'</sup> on the lat. arc and  $20^{\circ} 8'$  S ✓

on the decl. arc and determined a true meridian with the solar at the cor. of sec's

5, 6, 7 and 8

Thence I run,

N  $89^{\circ} 57'$  W on a random line bet. sec's 6 and 7

40.00 Set a temp.  $\frac{1}{4}$  point.

89.87 Intersect the W. bdy. of Tps. 3 Mts. ~~W.~~ of cor. of sec's 1, 6, 7 and 12, Tp. 16 N. Rgs 5 + 6 W. Thence I run

S  $89^{\circ} 58'$  E on a true line bet. sec's 6 and 7

ascend rough slope of mountain, through dense brush

## Subdivision of Tp. 16 N. Rg. 5 W.

chains

- 35.00 descend over rolling mountains, scattering brush
- 49.87 The point for  $\frac{1}{4}$  sec. cor. falls on a malpais boulder, in place,  $3\frac{1}{2} \times 2\frac{1}{2} \times 1\frac{1}{2}$  ft. above ground, cut a cross (x) at each cor. point and  $\frac{1}{4}$  N. of cross and raised a mound of stone 2 ft. base  $1\frac{1}{2}$  ft. high N. of cor. Pits impracticable. No bearings available.
- 63.00 descend steep slope
- 72.00 cross gulch, 15 lbs. wide course N. E.
- ascend steep slope
- 80.00 Top of slope - and over mountain top
- 89.87 The cor. of slis 5, 6, 7 and 8.

Subdivision of Twp. 16 N., Rg. 5 W. <sup>24.</sup>

chains

Land mountainous.  
Soil, rocky, 4<sup>th</sup> rate.  
Undergrowth, oak.  
Mountainous land and  
land covered with dense  
undergrowth 89.87 chis.

9.00 No<sup>o</sup>-03' W, bet. sec's 5 and 6  
Over broken mountains  
descend long north slope  
rocky and precipitous

40.00 Set a <sup>galpau</sup> ~~galpau~~ stone 16 x 12 x 6 ins. 11  
ins. in the ground for  $\frac{1}{4}$  sec.  
cor. marked  $\frac{1}{4}$  on W. face  
and raised a mound of  
stones 2 ft. base,  $1\frac{1}{2}$  ft.  
high W. of cor.  
Pits impracticable.  
No bearings available.  
descend.

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## Subdivision of Tp. 16 N. Rg. 5 W.

chains

43.00

Cross gulch, 20 lks. wide, course N. E. - over high rocky point, through scattered cedars and pine timber,

60.00

Cross gulch, 20 lks. wide, course S. E.

over rolling mountains and through dense brush

101.20

ascend very steep malpais slope

120.00

Top of mountain and over mountain and

126.00

descend through dense brush

176.40

Cross Pole Creek, course E bears W, 50 lks. wide.

178.73

Intersect the Fourth Standard Parallel North.

Set a granite stone, 22 x 12 x 10 ins, 16 ins. in the ground, for closing cor.

Subdivision of Tp. 16 N. Rg. 5 W.  
chains.

of sec's 5 and 6, marked  
with 5 notches on E, 1  
notch on W and C. C. on  
the S. faces and raised  
a mound of stone 2 ft.  
base,  $1\frac{1}{2}$  ft. high S.  
of cor.

Rits impracticable.

No bearings available.

Land mountainous.

Soil, rocky, 4<sup>th</sup> rate.

Timber, cedar, juniper and  
pine.

Undergrowth, oak.

Mountainous land and  
land covered with dense  
undergrowth, 178.73 chus.

Thence I run due E  
on a connecting line

## Subdivision of Sp. 16 N. Rg. 5 W.

chains

6.68

9.18

over rolling mountains  
cross Pole Creek, 20<sup>th</sup> wide, course N. E.The standard  $\frac{1}{4}$  sec. cor.  
on the S. bdy. of sec. 32  
Tp. 17 N. Rg. 5 W.

Land mountainous.

Soil, rocky, 4<sup>th</sup> rate

Timber, cedar.

Mountainous land, 9.18 chus.

November 23<sup>rd</sup> 1903.

This township is mountainous throughout, being malpais in the western and central and rough broken granites, not quite so high, in the northern, eastern and southern section.

The soil, with but few exceptions, is very rocky and unfit for cultivation.



The mountain tops afford uniformly good grazing for stock, which it is exclusively used for.

There is a fine fruit orchard in the N.W.  $\frac{1}{4}$  of sec. 26 and the N.E.  $\frac{1}{4}$  of sec. 27 having 3300 growing trees.

There is also a smaller orchard in the N.W.  $\frac{1}{4}$  of 26, having about 200 trees.

There is one settler in each of secs 32 and the N.W. cor. of sec. 2.

The settlement in the southerly part of sec. 1 is abandoned.

The easterly sections and the central sections are heavily timbered with cedar

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averaging from 15 to 20  
feet high.

There is also plenty of good  
Juniper and oak timber.  
The principal sources of  
water are springs at  
near the settlers' locations.  
There is no mineral,  
but iron, in the township.

Arthur B. Mader  
U. S. Dep. Surveyor

LIST OF NAMES. 17

A list of the names of the individuals employed by A. B. Zmader

United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of

the survey of the subdivision of  
Township No. 16 North,  
Range No. 5 West.

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

W. E. Allen, Chainman.

W. C. Meyers, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Henry Clay, Axman.

\_\_\_\_\_, Axman.

Oscar Clay, Flagman.

18 FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Arthur B. Mader  
United States Deputy Surveyor, in surveying all those parts or portions

of the subdivision of  
Sp. No 16 north, Rg. No 5  
west

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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.

x W. E. Allen, Chainman.

+ W. C. Myers, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

x Henry Clay, Axman.

\_\_\_\_\_, Axman.

x Oscar Clay, Flagman.

Subscribed and sworn to before me this 23<sup>rd</sup> day  
of November, 1903

A. B. Mader  
U. S. Deputy Surveyor Notary Public.

[SEAL.]

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

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I, Arthur B. Mader, United States  
Deputy Surveyor, do solemnly swear that in pursuance of a contract  
received from Hugh W. Price, United States  
Surveyor-General for Arizona, bearing date of the 9<sup>th</sup>  
day of December, 1901, 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 Ari-  
zona, the Manual of Surveying Instructions, and the laws of the United  
States, surveyed all those parts or portions of the

subdivision of Township  
No. 16 North, Range  
No. 5 West,

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of the Gila and Salt River Base and Meridian, in the Territory of Ari-  
zona, as are represented in the foregoing field notes as having been sur-  
veyed by me and under my direction; and I do further solemnly swear  
that all the corners of said survey have been established and perpetu-

ated in strict <sup>20</sup> accordance with the Manual of Surveying Instructions, 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.

*Arthur B. Mader*

U. S. Deputy Surveyor.

Subscribed and sworn to before me this 3 / 5<sup>th</sup> day  
of December, 1903.

*J. M. W. Moon*

*Receiver of*  
*U. S. L. & P. for Co. D. Ariz.*

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## A P P R O V A L .

Office of the

United States Surveyor-General,

Phoenix, Arizona.

*July 20 - 1904*

The foregoing field notes of the survey of *the rules of T. 16 N. R. 5 W.*

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, executed by *A. B. Mader*

United States Deputy Surveyor, under his contract No. 89, dated *10/9* — 190*1*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Frank S. Jewell*  
U. S. Surveyor-General.