

1651

BOOK 1651

1651

F I E L D N O T E S

OF THE SURVEY OF

THE EXTERIOR LINES

T. 21 N., Rs. 16, 17, 18 & 19 W.,
T. 22 N., Rs. 16, 17 & 18 W.,
T. 23 N., Rs. 17 & 18 W.,
T. 24 N., R. 17 W.,

Gila and Salt River Base and
Meridian,

ARIZONA.

By Omar H. Case, D.S. under
Contract dated July 29, 1872.
Survey commenced Dec. 9, 1872.
Survey completed Dec. 26, 1872.

BOOK 1651

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

Andrew Strape
 Edward Pysne

Subscribed and sworn to before me, this 6th day of
 November 1872

E. W. Wells

~~U. S. Deputy Surveyor.~~

Clark Best Court
 3rd Dist. Arizona.

BCC 1651

I, Richard Belle
do solemnly swear that I will well and true
duties of Artisan
according to instructions given me, and to
skill and ability.

Richard Belle

Subscribed and sworn the before

6th day of November 1872

Edw.

W. J. DePa

DeK Lee

3rd Dist Arc



12
BOOK 1651

Preliminary Oaths of Assistants

I, _____ do
swear that I will well and truly perform the
Compassman, according to instructions given me
the best of my skill and ability.

Subscribed and sworn to before me, this

1877

U. S. Deputy Sur.

—♦♦♦—
We, Andrew J. Shrap
Edward Byrne

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

Preliminary Oaths of Assistant.

I, _____ do solemnly
swear that I will well and truly perform the duties of
Compassman, according to instructions given me, and to
the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of _____
187

U. S. Deputy Surveyor.

—♦—

We, Andrew J. Shraake and
Edward Byrne

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

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

Andrew Shrup

Edward Pyrie

Subscribed and sworn to before me, this 6th day of
November 1872

E. W. Wells

U. S. Deputy Surveyor.

Clerk Dist Court
3rd Dist Arizona.

I, Richard Keller

do solemnly swear that I will well and truly perform the duties of Assessor according to instructions given me, and to the best of my skill and ability.

Richard Keller

Subscribed and sworn the be before me, this 6th day of November 1872

C. C. Wells

U. S. Deputy Surveyor.

Dist. B. District Court
3rd Dist. Arizona.



Preliminary Oaths of Assistants.

I, _____ do solemnly ground,
 swear that I will well and truly perform the duties of Dropping
 Compassman, according to instructions given me, and to all notat
 the best of my skill and ability. will assis

Subscribed and sworn to before me, this _____ day of _____

187

U. S. Deputy Surveyor.

Subs
 No



We, *Andrew J. Shrape* and
Edward Byrne

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

BOOK 1651

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

Edward J. Street

Edward Payne

scribed and sworn to before me, this 6th day of
 November 1872

E. C. Ewell

U. S. Deputy Surveyor.

Clerk Dist Court
 3rd Dist Arizona.

BOOK 1651

I, Richard Keller
do solemnly swear that I will well and truly perform the
duties of Assessor
according to instructions given me, and to the best of my
skill and ability.

Richard Keller

Subscribed and sworn to before me, this
6th day of November 1877

C. C. Wells

U. S. Deputy Surveyor.

Dist. Court
3rd Dist. Arizona



1 J
BOOK 1351

Preliminary Oaths of Assistants.

I, _____ do solemnly swear, and
swear that I will well and truly perform the duties of dropping
Compassman, according to instructions given me, and to all notables
the best of my skill and ability. _____ will assist

Subscribed and sworn to before me, this _____ day of _____
1877

U. S. Deputy Surveyor.

We, Andrew J. Shoaps and
Edward Byrne,

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

Subscribed
Nov

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

Edward Byrne
Edward Byrne

subscribed and sworn to before me, this 6th day of
number 1872

Edwards

U. S. Deputy Surveyor.

Clerk Dist Court
3^d Dist. Arizona



I, Richard Keller

do solemnly swear that I will well and truly perform the duties of Axeman according to instructions given me, and to the best of my skill and ability.

Richard Keller

Subscribed and sworn the be before me, this day of November 1874

20
C. C. Coover

U. S. Deputy Surveyor.

Dist. Dist. Court
3^d Dist. Arizona.



Preliminary Oaths of Assistant.

I, _____ do solemnly
swear that I will well and truly perform the duties of
Compassman, according to instructions given me, and to
the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of _____
1877

U. S. Deputy Surveyor.

We, Andrew J. Shroake
Edward J. Byrne
do solemnly swear that we will faithfully execute the duties
of Chain Carriers; that we will level the chain upon uneven

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

Edward Payne

Edward Payne

Subscribed and sworn to before me, this 6th day of
November 1875

E. W. Wells

U. S. Deputy Surveyor.

Clerk Dist Court
3^d Dist. Arizona.

I, Richard Keller
do solemnly swear that I will well and truly perform the
duties of Assessor
according to instructions given me, and to the best of my
skill and ability.

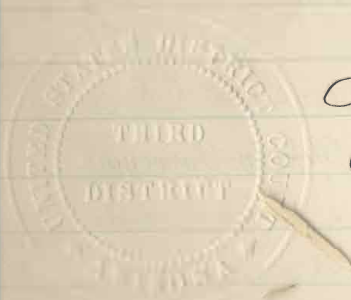
Richard Keller

Subscribed and sworn the be before me, this
day of November 1872

C. C. Wells

H. S. Deputy Surveyor.

Dist. Court
3^d Dist. Arizona



Preliminary Oaths of Assistants

I, _____ do solemnly swear that I will well and truly perform the duties of Compassman, according to instructions given me, and to the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of _____ 1877

U. S. Deputy Surveyor.

We, *Andrew J. Shroake*
Edward Byrne

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

and plumb the tally pins, whether by sticking or
g the same; that we will report the true distance to
ble objects, and the true length of all lines, that we
ist in measuring, to the best of our skill and ability.

John Straper

Edward Byrne

scribed and sworn to before me, this 6th day of
umber 1872

E. E. Evells

U. S. Deputy Surveyor.

Clerk Dist Court

3^d Dist Arizona

BOOK 1651

I, Richard Keller
do solemnly swear that I will well and truly perform the
duties of Ax man,
according to instructions given me, and to the best of my
skill and ability.

Richard Keller

Subscribed and sworn the be before me, this
day of November 1872

Geo. Wells

U. S. Deputy Surveyor.

Clerk Dist Court
3^d District, Arizona

Preliminary Oaths of Assistants.

I, _____ do solemnly
swear that I will well and truly perform the duties of
Compassman, according to instructions given me, and to
the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of _____
1877

U. S. Deputy Surveyor.

We, *Andrew J. Shrope*
Edward Byrne

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

and plumb the tally pins, whether by sticking or
 ing the same; that we will report the true distance to
 table objects, and the true length of all lines, that we
 sist in measuring, to the best of our skill and ability.

Edward Byrne

Subscribed and sworn to before me, this 6th day of
 November 1872

E. C. Wells

U. S. Deputy Surveyor.

Clerk. Dist Court

3^d Dist. Arizona

I, Richard Keller
do solemnly swear that I will well and truly perform the
duties of Assessor
according to instructions given me, and to the best of my
skill and ability.

Richard Keller

Subscribed and sworn the be before me, this
6th day of November 1872

W. C. Jewell

~~W. J. Deputy Surveyor.~~

1st Dist Court
3^d Dist Navajo County
Arizona.

Preliminary Oaths of Assistants.

I, _____ do solemn
swear that I will well and truly perform the duties of
Compassman, according to instructions given me, and to
the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of _____

1817

U. S. Deputy Surveyor.

—◆—◆—◆—
We, Andrew J. Shroake
Edward Byrne

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

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

Amos Strupp
Edward Byrne

scribed and sworn to before me, this 6th day of
number 1872

E. W. Wells
U. S. Deputy Surveyor.

Clark Dickhaut
3^d Dist. Arizona



I, Richard Keller
do solemnly swear that I will well and truly perform the
duties of Assessor
according to instructions given me, and to the best of my
skill and ability.

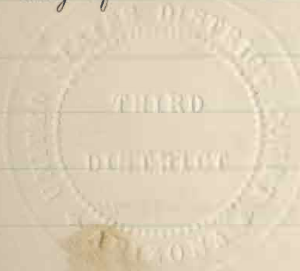
Richard Keller

Subscribed and sworn to before me, this
6th day of November 1872

Cooveralls

H. J. Deputy Surveyor.

Act. Sec. Coun.
35 Dist. Arizona



Preliminary Oaths of Assistants.

I, _____ do solemnly
swear that I will well and truly perform the duties of
Compassman, according to instructions given me, and to
the best of my skill and ability.

Subscribed and sworn to before me, this _____ day of _____

187

U. S. Deputy Surveyor.

We, *Andrew J. Shrake*
Edward Byrne

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

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

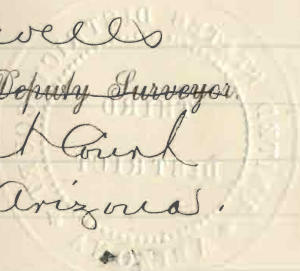
Andrien Strop
Edward Byrum

Subscribed and sworn to before me, this 6th day of
November 1872

Esco Wells

U. S. Deputy Surveyor

Clerk. Dist Court
3^d Dist. Arizona.



I, Richard Keller
do solemnly swear that I will well and truly perform the
duties of Assessor
according to instructions given me, and to the best of my
skill and ability.

Richard Keller

Subscribed and sworn the be before me, this
6th day of November 1872.

W. S. Jewell

U. S. Deputy Surveyor.

Clerk Dist Court
3^d Dist Arizona.



Omar H. Case, Dep. Surveyor

Field Notes

of
The exterior boundary or
range line between ranges
16 and 17 West

Township 21 South

" 22 "

" 23 "

" 24 "

Gila and Salt River Base
and meridian

Surveyed by

Omar H. Case

Deputy U.S. Surveyor

Under his Contract of July 29th

1870

1651

Index

BOOK 1651

Ret.	T.	21 N;	R 16+17 W	1
"	"	22"	" 16+17"	2
"	"	23"	" 16+17"	13
"	"	24"	" 16+17"	19
"	"	21"	" 17+18"	26
"	"	21+22"	" 17"	31
"	"	22"	" 17+18"	40
"	"	22+23"	" 17"	46
"	"	23 23"	" 17+18"	56
"	"	23+24"	" 17"	64
"	"	21"	" 18+19"	72
"	"	21-22 21"	" 18-19"	76
"	"	22"	" 18+19"	84
"	"	22+23"	" 18"	89
"	"	23"	" 18+19"	95
"	"	23+24"	" 18"	99
"	"	21"	" 19+20"	107
"	"	21+22"	" 19"	114
"	"	21"	" 15+16"	129
"	"	21+22"	" 16"	124
"	"	22"	" 15+16"	130
"	"	22+23"	" 16"	134

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between ranges 16 and 17 West
Township 21 North
and Salt river meridian

20.1

Begin at the established corner
to Township 21 North ranges
16 and 17 West - the corner a
Paloverde tree. I run

N between Sec 31 & 36

to Va 15° East

as per Burks improved solar
Compass -

BOOK 1651

200 Begin ascent of bluff wall of
Canyon

1000 Summit bear N.W. and S.E.

2600 Begin descent into another
Canyon 30 feet deep

2900 opposite wall bear E and W
and begin ascent

3200 Summit

4000 Set a stone 18x10x8 ins in
a mound of stone as per
instruction for 1/4 Sec cor.
No trees -

6000 Begin descent into Canyon.

Between ranges 16 & 17 W. Sp 21 North
Gila and Salt River meridian

Ch bear N.W. and S.E.

7,000 Begin ascent of opposite wall
of Canon bear N.W. & S.E.

8,000 Set a Stone 16 x 14 x 12 in
a mound with pits as per
instruction for the cor to
25, 30, 31 and 36. Land
rough and broken. Soil
worthless - No timber.

BOOK 1651

North between Secs 25 & 30
Ta 15° 09' East

500 Begin descent into Canon
bear E. & W.

10,000 Opposite wall 40 feet high
bear E. & W.

12,000 Summit - Table lands
slope North

35,000 Begin descent into little
Valley perpendicular Wall
bear N.E. & S.W.

Between ranges 16 & 17 W. Sp 21 North
Gila and Salt river meridian

Ch

4000 Set a stone 10x10x10 ins in a
mound of stone as per instruction
for 1/4 sec cor = No trees

4300 Begin ascent of Steep Wall of
Canon bear N.E and E

4500 Summit bears N.W and E.

7200 Begin descent into another
Canon perpendicular Wall 90 feet
high

BOOK 1651

7300 an arroyo flows S.W.

7500 another Wall 10 feet high

8000 Set a stone 20x10x10 ins in a
mound of stone for the cor

to sec 19, 24, 25 and 30
as per instruction = Sand very

broken. Soil mineral. rock

Granite and Volcanic formation

No timber.

Between Ranges 16 & 17 West 1/2 of North
 4 Gila and Salt River meridian

BOC

North between Sec 19 and 20
 Va 15th 09' East

BOOK 1651

do so
 date
 accor
 skill

BOOK

4,00 Begin descent of first bench
 bear E. N. W.

8,00 Bluff above bottom of Sand
 Wash

10,00 Big Sandy flows S. W.

18,00 opposite bank

20,00 Line of 35th Parallel railroad

22,00 Bluff bear N. E. and S. W.

24,00 Summit of bluff 100 feet high
 almost perpendicular ascent

40,00 Set a Stone 20x10x10 ins in a
 mound of stone as per instruction
 for 1/4 Sec cor. No trees

60,00 Foot of mesa line runs along
 East slope

63,00 an arroyo flows S. E.

64,00 Begin ascent of another mesa
 bear E. N. W.

65,00 Summit gently sloping North

6th day



Between Ranges 16 & 17 West of 21 North
Gila and Salt River meridian

Ch
8000 Set a Stone 24 x 14 x 12 ins in
a Stone mound as per instructions
for the cor to Secs 13, 18, 19 and
24 - No trees - Sand rough
and broken - Soil worthless
of Volcanic formation - No
timber -

BOOK 1651

North between Secs 13 and 18
Va 15° 09' East

- 1600 Begin descent of bluff above
Big Sandy -
- 1700 Entered bottom of big Sandy
- 2000 Big Sandy flows S.E.
- 2800 opposite bank flows to dry bed
- 4000 Set a Stone 10 x 8 x 7 ins in a
mound of stone as per instructions
for 1/4 Sec cor: No trees
- 5500 Road from Sawmill to Beales
Springs bear N.W. and S.E.
- 8000 Set a Stone 24 x 15 x 13 ins in

Between Ranges 16 and 17 West Sp 21 North

6 Gila and Salt River meridian

BOOK 1651

Ch a mound of stone as per instructions
for the cor to Secs 7, 12, 13 & 14
No trees. Land rolling. Soil
3rd rate = No timber =

North between Secs 7 & 12

via 15th 09' East

21,00 Road from Prescott to
Hardyville bears nearly E & W.

25,00 Begin ascent of a high table
mountain 200 feet high

30,00 Summit bear N & S and NW
white chalky rock

4,000 Set a Stone 15 x 8 x 8 ins in a
mound of stone as per instructions
for 1/4 sec cor. No trees

64,00 Begin descent bears E & W

68,00 Foot and entered Hualpai
Valley

80,00 Set a Post in a mound
with pits for the cor to Secs

Between Ranges 16 and 17 West Sp 21 North
Gila and Salt river meridian

Ch 1, 6, 7 and 12 - Land broken by
table mountains - Soil 2nd and
3rd rate - No timber -

BOOK 1651

North between Sec 1 and 6
Ta 15° East

4000 Set a Post in a mound with
pits as per instruction for 1/4
Sec: cor: = No trees

8000 Set a Post in a mound with
pits as per instruction for the
cor: of Sec 1, 6, 31 and 36
and the cor of Sp 21 and 22
North between ranges 16 and 17
West - No trees - Land level
Soil 1st rate - No timber -

Between ranges 16 and 17 W. Sp 21 North
Gila and Salt River meridian

Ch From the cor to Sp 21 and 22
North between ranges 16 and 17
West and the cor to Secs 1, 6, 31 & 36
Iron

N between Secs 31 and 36

Va 15th East

4,000 Set a Post in a mound with
pits as per instruction for 1/4
Sec cor. No trees

5,500 Left level land and begin
ascent of spur bears to NW
about 30 feet high

5,700 Summit of spur bear to NW
and begin descent

6,400 Foot of spur bear NW & S.E.

6,700 Road bears NW & S.E.

8,000 Set a Stone 16 x 14 x 10 ins in
mound of stone as per instruction
for the cor to Secs 25, 30, 31
and 36. Land mostly level
Soil 1st rate. No timber

BOOK 1651

Between ranges 16 and 17 W. Sp 22 N
Gila and Salt river meridian

Ch North between Secs 25 and 30
Va 15° East

4000 Set a Post in a mound with
pits as per instruction for 1/4
Sec cor. No trees

8000 Set a Post in a mound with
pits as per instruction for the
cor to Secs 19, 24, 25 and 30
No trees. Sand level. Soil 1st
rate. No timber.

BOOK 1651

North between Secs 19 & 24
Va 15° East

2000 High table mt. 1 mile N. bears
N.E. and S.W.

2200 Trail bears N.W. & S.E.

4000 Set a Stone 14x10x8 in a mound
with pits as per instruction for
1/4 Sec cor. - No trees.

4800 Trail bears N.W. & S.E.

5000 a Dry Wash flow to 10 lbs wide

Between ranges 16 and 17 W Sp 22 N
Gila and Salt river meridians

10

ch

57,00 a Trail bears E. N.W.

66,00 " " " "

68,00 " " " "

69,00 " " " "

80,00 Set a post in a mound with

pits as per instruction for the

cor to Secs 13, 18, 19 and 24

No trees - Sand level - Soil

1st rate - No timber.

BOOK 1651

North between Secs 13 and 18

Wa 15^o East

40,00 Set a Post in a mound
with pits as per instruction
for 1/4 Sec cor. No trees

80,00 Set a Post in a mound with
pits as per instruction for the
cor to Secs 7, 12, 13 and 18
No trees -

Sand level - Soil 1st rate

No timber.

Between ranges 16 and 17 N. Sp 22 N
Gila and Salt river meridian

North between Sec 7 and 12
Va 15° east

8,00 Old Wagon trail bear N.E. & S.W.

12,00 an arroyo flow N.E. from S.W.
50 links wide

40,00 Set a post in a mound with
pits as per instruction for 1/4
sec cor = No trees =

45,00 a trail bears N.W. & S.E.

80,00 Set a stone 10x10x8 in in
a mound of stone as per
instruction for the cor to
Secs 1, 6, 7 and 12 = No trees

Sand level = Soil 1st rate =
No timber =

BOOK 1651

North between Sec 1 and 6
Va 15° east

10,00 Begin ascent of Table mt
bear E. & W.

17,00 Summit sloping to Volcanic

Between ranges 16 & 17 W. Sp 22 N
12 Gila and Salt river meridian

Ch mesa:

2300 Begin descent of Volcanic mesa

2500 Foot of mesa

2700 Summit of little hill bear to W.

3100 Trail from Prescott to mineral
Park bear N. W. & S. E.

3600 round Volcanic Butte bet to
150 feet high.

3800 arroyo flow N. E. 16 links
wide

4000 Set a Stone $9 \times 8 \times 8$ ins in a
mound of stone as per instruction
for $\frac{1}{4}$ sec cor. = No tree

4050 an arroyo flow N. E. 10 links
wide

4600 Trail bear to W.

8000 Set a Post in a mound with
pits as per instruction for the
cor to sec 1, 6, 31 and 36 and
of Sp 22 & 23 N ranges 16 & 17 W
No tree. Sand level. Soil 2nd rate. No timber

Between ranges 16 and 17 N. Sp 23 **A3**

Gila and Salt river meridian

Ch From the cor to Sp 22 & 23 N
bet: ranges 16 & 17 N and the
cor to sec 1, 6, 31 & 36 —

I run

BOOK 1651

North between Secs 31 & 36

$\frac{1}{4}$ a 15th East

1300 Trail bear N.E. and S.W.

4000 Set a Stone 14 x 10 x 8 ins in
a mound with pits as per
instructions for the $\frac{1}{4}$ Sec cor.
no trees =

4700 an arroyo 20 lks wide flows E

5600 " " " " " S.E.

7900 " " 30 " " "

8000 Set a Post in a mound with
pits as per instruction for the
cor to Secs 25, 30, 31 and 36.
No trees = Land level = Soil
1st rate = No timber =

December 9th 1872

Between Ranges 16 & 17 N = Sp 23 N
14 Gila and Salt River meridian

Ch North between Sec 25 & 30
Va 15° East

4,000 Set a post in a mound with
pits as per instruction for 1/4
Sec: cor: No trees

4,300 an arroyo flows S.E. 15 lks wide

6,300 " " " S by E 10 " "

6,400 Entered Granite Boulder Country
bear S.E.

7,000 Left Granite boulders bear S.E.
and N.W.

8,000 Set a Post in a mound with
pits as per instruction for the Co
to Sec 19, 24, 25 and 30. No trees.
Land mostly level - soil 3rd rate
No timber.

North between Sec 19 & 24
Va 15° East

2,300 a saddle between two rocky
points bear N.E. & S.W.

BOOK 1651

Between Ranges 16 & 17 N. Sp. 23 N. 15
Gila and Salt river meridian

Ch
38,00 a dry bed of Creek flows from
S.W. to E. 100 links wide

40,00 Set a Post in a mound with
pits as per instruction for 1/4 sec
cot = No trees = **BOOK 1651**

45,00 Begin ascent of West slope of hill

56,00 Summit and begin descent
bear N.E. & S.W.

67,00 Foot of hill bear N.E. & S.W.

74,00 Trail bear " "

80,00 Set a post in a mound with
pits for the cot to Sec 13, 15,
19 & 24 = as per instruction -
No trees = Sand rolling and
hilly = Soil mineral = Not timber.

North between Sec 13 and 15
Ta 15th East

12,00 Wash from mt. bear N.E. 100 links
wide

18,00 Wash from mt. bear S.E. 100 links wide.

Between ranges 16 & 17 N. Sp 23 N
16 Gila and Salt river meridian

- Ch
- 2000 Begin ascent of round rocky
mt. on West slope.
- 2600 Summit and begin descent
- 3000 Foot of hill mountain range
about 4 Ch W bearing N. & E.
Entered level land again
- 4000 Set a post in a mound with
picks as per instruction for 1/4 sec
cor. = No trees =
- 6700 Wash from mountain flows to
7980 an arroyo flows to 10 links wide
- 8000 Set a post in a mound with
picks as per instruction for the
cor to Secs 7, 12, 13 and 18
No trees = Land mostly level
Soil 2nd and 3rd rate = No
timber =

North between Sec 7 and 12
1/4 a 15th east

500 Summit of little granite hill

Between ranges 16 and 17 W. Sp 23 N
Gila and Salt River meridian 17

- Ch bears N.W. & S.E.
- 800 Foot of hill and arroyo flow
from W to S.E. 2 ch: wide
- 1300 Begin ascent of mesa 100 feet
high sloping eastward
- 2900 Summit and begin descent
bear S.E.
- 3800 Gulch 100 links wide bears E
down the mountain.
- 4000 Set a Stone 12 x 11 x 10 ins in a
mound of stone as per instruction
for 1/4 Sec cor. = No trees.
- 4800 Foot of steep mesa line runs
along east side
- 7000 Spur bears east
- 8000 Set a post in a mound with pits
as per instruction for the cor to
Sec 1, 6, 7 and 12 = No trees =
Sand broken and lully =
Soil mineral = No timber =

Between ranges 16 & 17 N. Sp 23 N
18 Gila and Salt river meridian

BOOK 1651

- Ch North between Sec 1 and 6
To 15° East
- 700 Begin ascent of spur bears S. & E.
- 1200 Summit and begin descent
- 2000 Foot of spur and gulch bears
S. & E and begin ascent of
another spur.
- 2800 Summit bears East and begin
descent
- 4000 Set a stone 16 x 12 x 9 ins in a
mound of stone as per instruction
for 1/4 sec cor. No trees.
- 4500 Entered little Valley - Sides bear
N. & S. and about 1/2 mile wide
line runs through centre.
- 8000 Set a stone 30 x 20 x 20 ins in
a mound of stone as per instruction
for the cor to Sec 1, 6, 31 & 36
and of Sp 23 and Ch North Range
16 & 17 N. - No trees, Sand rolling and
level. Soil mineral. No timber.

Between ranges 16 & 17 N. Sp. 24 N. 19
Gila and Salt River meridian

BOOK 1651
Ch From the corner to Sp. 23 & 24
North between ranges 16 & 17
West and the cor. to Secs 1, 6
31 and 36. Run

North between Secs 31 and 36
Va 15th east.

4000 Set a post in a mound with pits
as per instruction for 1/4 Sec. cor.
No trees.

4600 End of mountains on right of
line Valley opens into Hualpai
with isolated peaks towards
N.E. 3 miles distant.

6600 Bluff 10 feet high bears N.E.

7250 Dry bed of creek flows N.E. 100
links wide.

7400 Trail bears N.E. and S.W.

7500 Begin ascent of mt. bear N.E. & S.W.

8000 Set a stone 15 x 15 x 6 in. in a
mound of stone as per instruction
for the cor. to Secs 25, 30, 31 and 36

20
Between ranges 16 & 17 W. Sp 24 N
Gila and Salt River meridian

Ch no trees - Sand level - Soil 1st rate. No timber.

BOOK 1651

North between Sec 25 and 30
T₁₄ 15th East

1000 Summit of Spur bears N.E.

2000 Foot of Spur " E

2600 Arroyo flows N.E. 100 links wide

3700 Summit of second Spur bears E

4000 Junction of two arroyos flow E

4000 Set a Stone 24 x 20 x 20 ins in a mound of stone as per instruction.

for 1/4 Sec: cor: = No trees =

4200 Begin ascent of Spur bearing E.

4700 Summit bears E = Line runs along E slope.

6000 Summit of second bench

7400 Foot of spur and entered level land

8000 Set a Stone 24 x 18 x 10 ins in a mound of stone as per instruction

Between ranges 16 & 17 N. Sp 24 N
Gila and Salt river meridian

etc for the cor to Sec 19, 24, 25 and
30 - No trees. Sand broken.
Soil mineral - No timber -

BOOK 1651

North between Sec 19 and 24
1/2 a 15° east

4,00 Begin ascent of Spur bears to

15,00 Summit bears N.E.

30,00 Foot and entered Hualpai
Valley bears N.E. and N.W.

40,00 Set a post in a mound with pits
as per instruction for 1/4 Sec: cor
No trees -

69,00 Trail bear N.W. & S.E.

80,00 Set a Stone 16 x 8 x 6 ins in a
mound of earth with pits as per
instruction for the cor to Sec
13, 18, 19 and 24 - No trees.
Sand level on North rough
South - Soil 1st and 2nd
rate - No timber -

Between ranges 16 & 17 W. Sp 24 N
Gila and Salt river meridian

BOOK 1651

Ch North between Sec 13 and 18
of a 15th east.

2,00 Entered rocky hill bear N.W.
S.E. line crosses near N.W. end

10,00 Opposite side bear N.W. S.E.
entered Hualpai Valley.

16,00 Arroyo flow N.E. 10 links wide

40,00 Set a Post in a mound with
pits as per instruction for 1/4
Sec cor. No trees.

49,00 Trail bears N. & E.

50,00 Arroyo flow N.E. 100 links wide

80,00 Set a Post in a mound with
pits as per instruction for the
cor to Secs 7, 12, 13 and 18

No trees - Black mountain
1/2 mile E bear N.E. S.W.
Sand level - Soil 1st rate.
No timber.

Between ranges 16 & 17 N Sp 24 N

Gila and Salt river meridian

23

Ch North between Sec 7 and 12
Ta 15° East

25,000 arroyo flows N.E. 25 links wide

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

8,000 Set a Post in a mound with
pits as per instruction for the
cor to Sec 1, 6, 7 and 12 =

No tree = Sand level = Soil
 $1\frac{1}{2}$ rate = No timber =

North between Sec 1 and 6

Ta 15° East

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

8,000 Set a post in a mound with
pits as per instruction for the
closing corner to Sec 1 and 6
and of Sp 24 N between

Between ranges 16 & 17 11 Sp 24 N
Gila and Salt river meridian.

ranges 16 and 17 West. No
trees. Sand level soil 1st
rate. No timber.

BOOK 1651

General Description
of range line. ranges 16 & 17
West. the land is mostly rolling
along line, Hualpai Valley
lays east of the Hualpai Mt.
West. a mineral belt contains
a large number of mineral bearing
veins

Omar H Case

Dec. 10th 1872

Dep. W. S. Sumner

Omar, H. Case, U.S. Dep: Surveyor 1125

Field Notes

of _____
 the exterior boundary of
 Township 21 North Range 17
 West

Gila and Salt River Base
 and meridian

Surveyed by

Omar H. Case

U.S. Deputy Surveyor

under his contract of July 29th
 1872.

Survey commenced 11th Decr 1872
 " completed 10th " " "

26
Between ranges 17 & 18 N Sp 21 N
Gila and Salt-River meridian

BOOK 1651

Ch From the cor to Sp 21 North
between ranges 17 and 18 West
and the cor to sec 31 and 36
S run

North between Sec 31 and 36
Va $15^{\circ} 06'$ East.

10,00 arroyo flows N.W. 15 links wide

40,00 Set a Post in a mound with
pits as per instruction for $\frac{1}{4}$
sec. cor. No trees.

49,50 Dry creek flow N.W. 50 links
wide

54,00 Entered Volcanic formation
bare to NW

76,00 arroyo 40 links wide flows
W

80,00 Set a Stone $18 \times 8 \times 8$ in
a mound of stone as per
instruction for the cor to sec
25, 30, 31 and 36. No trees -
Sand level, Soil 3 rate. No timber.

Between ranges 17 & 18 N. Sp 21. N. 273
Gila and Salt river meridian

Ch North between Sec 25 & 30

$\frac{1}{4}$ a 15° 06' east

4,000 Set a Stone $20 \times 10 \times 8$ ins in
a mound of stone as per instruction
for $\frac{1}{4}$ sec cor. No trees.

8,000 Set a Stone $16 \times 10 \times 4$ ins in a
mound of stone as per instruction
for the cor to Sec 19, 24, 25
and 30. No trees. Sand
level. Soil 3^d rate. No timber.

North between Sec 19 and 24

$\frac{1}{4}$ a 15° 04' east

2,400 Dry arroyo 20 links wide flow SW.

4,000 Set a Stone $24 \times 18 \times 10$ ins in a
mound of stone as per instruction
for $\frac{1}{4}$ sec cor. No trees.

8,000 Set a Stone $18 \times 12 \times 10$ ins in a
mound of stone as per instruction
for the cor to Sec 13, 18, 19 & 24
No trees. Sand mostly level.

28
Between ranges 17 & 18 N. Sp. 21 N
Gila and Salt River meridian
Elev Soil 2nd rate. No timber.

North between Sec 13 and 15
Ta 15th 04 East.

BOOK 1651

- 600 Begin ascent of round conical
hill 150 feet high. Hualpai
mountains 40 chains East.
- 19,00 Summit and begin descent
- 3000 Foot of Volcanic hill and
entered rolling land
- 4000 Set a Stone 13 x 12 x 4 ins in a
mound of stone as per instruction
for 1/4 Sec cor. - No trees -
- 49,00 a round Volcanic Butte about
4 chs West
- 62,00 an arroyo flows SW. 100 chs west
a round Volcanic hill about
10 chains East -
- 8000 Set a Stone 16 x 12 x 3 ins in a
mound of stone as per instruction
for the cor to Sec 7, 12, 13 & 15

Between ranges 17 & 18 N Sp 21
Gila and Salt river meridians

829 3

Ch No tree - Land broken and
Stony - Soil poor - No timber.

BOOK 1651

Dec 11th 1892

North between Sec 7 and 12

Va 15° 04' east

2,000 Hardyville road bear E & N.

2,500 Road to Cerbat and Mineral
Park bears N.W.

4,000 Set a Stone 12 x 10 x 8 ins in a
mound of stone as per instruction
for 1/4 Sec cor. No tree

4,500 Begin ascent of Spur of
Hualpai Mt. bearing N.W.

5,500 Summit and begin descent

6,000 Foot of spur bear E.W. & N.E.
and entered rolling land

8,000 Set a Granite Stone 18 x 12 x 8
ins in a mound of stone as
per instruction for the cor to
Sec 1, 6, 7 and 12. No trees
Land broken and Stony - Soil

Between ranges 17 & 18 N Sp 21 N
130 Gila and Salt river meridian

Ch mineral. No timber.

BOOK
1651

North between Sec 1 and 6
Ta 15th 04 East.

1800 Begin ascent of spur bearing
S. W.

4000 Summit and set a stone
14 x 10 x 8 ins in a mound
of stone as per instructions
for 1/4 Sec cor. No trees

4100 Begin descent bears S. W.

5800 Foot of spur " "

5900 an arroyo flows W.

6800 Begin ascent of spur of mt.
bearing W.

8000 Set a stone 18 x 16 x 14 ins in
a mound of stone as per instruction
for the cor to Sec 1, 6, 31 & 36
and the cor. to Sp. 21 & 22
N. ranges 17 & 18 N. No trees. Sand
broken stony. Soil mineral. No timber.

Between Sp: 21 & 22 N. range 17 W
Gila and Salt River meridian

From the cot: to Sp: 21 and 22
North ranges 17 & 18 West

Iron - BOOK 1651

East on a random line
between said Sp: = the Va
of my compass being
15° 04' East

I set temporary 1/2 mile and
mile posts at 4000 and 8000
chains.

I find the Sp: line to
be 5 miles 7900 chains and
40 links and the falling to
be 60 links North of the Sp:
cot:

The correction for the true
line West will therefore be
60 links West and 10 links
South per mile.

Between Sec 21 & 22 N range 17 W
Gda and Salt river meridian

BOOK 1651

Ch From the cor: to Sec 21 &
22 N. ranges 16 and 17 W
Trun

N 89° 56' W

on true line between Sec
1 and 36

Ca 15° 04' East

2350 a road bears N. 67° S.W.

2400 a trail " N.W. 7 S.E.

4000 Set a Stone 10 x 10 x 10 ins in a
mound of stone as per instruction
for 1/4 sec cor: No trees.

8000 Set a Stone 12 x 10 x 4 ins in a
mound of stone as per instruction
for the cor to Sec 1, 2, 35 & 36
No trees. Sand gently sloping
East Soil @ $\frac{1}{2}$ rate. No timber.

N 89° 56' W on true line
between Sec 2 and 25

Ca 15° 04' East

Between the 21st & 22nd N. range 17th W.

Gila and Salt river meridian

Ch

BOOK 1651

30,00 Left sloping lands and entered
Hualpai mt. bears N and S

35,00 An arroyo flows S. to 50 lbs wide

40,00 Set a stone 10 x 10 x 8 ins in a
mound of stone as per instruction
for 1/4 sec cor: No trees -

40,00 a gulch bears S. to.

80,00 Set a stone 20 x 12 x 8 ins in a
mound of stone as per instruction
for the cor: to see 2, 3, 34 & 35
No trees - Sand mountainous
soil mineral - No timber.

N 89° 56' W on true line
between sec. 3 and 34

Ta 15° 04' East

300 Summit of rocky mesa whose
ascend begins at cor. and
begin descent.

25,00 Creek flows S. to 30 lbs wide

25,50 a trail bears S. to N.W.

Between Tps 21 & 22 N. range 17 W
Gila and Salt river Meridian

BOOK 1651

- Ch
4000 Set a Stone 12x12x12 ins in a mound of stone as per instruction for 1/4 sec cor. No trees
- 5000 Begin ascent of mesa
- 5500 Summit and begin descent
- 6000 Foot of mesa bears N.E. & SW and begin ascent again
- 6500 Brow of mesa bearing SW & N.E.
- 8000 Set a Stone 18x16x12 ins in a mound with pits as per instruction for the cor: to Secs 3, 4, 33 & 34. No trees. Land mountainous and very broken. Soil mineral. No timber.

N 89° 56' W on true line
between Secs 4 and 33.

Ya 15° 04' East

- 200 Begin ascent of round Volcanic Hill on Southern slope 500 feet to Summit.

Between Sp. 21 & 22 N. range of M. 35
Gila and Salt river meridian
Ch BOOK 1651

2000 Summit of spur of Volcanic
Hill bearing south & begin
descent.

3000 Foot of hill bears S. E.

3200 arroyo flow South 25 links wide
thence east forming a junction
10 chains South with one
coming from West.

4000 Set a Stone $12 \times 10 \times 8$ ins in a
mound of stone as per instruction
for $\frac{1}{4}$ sec cor. No trees.

7000 an arroyo about 10 ch. South
flows east

8000 Set a Stone $16 \times 14 \times 10$ ins in a
mound of stone as per instruction
for the cor to see H, 5, 32 & 33
No trees. Land mostly of
Volcanic formation. No
timber

Between Secs 21 & 22 N range 17 W
Gila and Salt river meridian

Ch N 89° 56' W on true line
between Secs 5 and 32

Va 15° 04' East

Line runs along South slope
of Volcanic mountain.

2700 An arroyo flow S to 25 links wide
and begins ascent of a divide
bearing N.W. and S.E.

3500 Summit of divide between
Hualpai and Sacramento
Valleys bears N.W. & S.E.

4000 Set a Stone 12 x 10 x 10 ins in a
mound of stone as per instruction
for 1/4 Sec cor: No trees =

6000 Summit of ridge bears N.W. & S.E.

8000 Set a Stone 12 x 10 x 8 ins in a
mound of stone as per instruction
for the cor to Secs 5, 6, 31 & 32
No trees = Sand mountainous
Soil mineral - Granite formation
No timber =

Between Spc 21 & 22 N range 17 W
Gila and Salt river Meridian

BOOK 1651

Ch N 89° 56' W on true line
between sec. 31 and 6

Ta 15° 04' east

16,00 a shallow ravine flows south
in large ravine flowing West
Line runs along south slope
of mountain and begin ascent
of Spur bearing N. W. P. S. C.

30,00 Summit of Spur bears S W P N
C and begin descent.

40,00 Set a stone 18 x 8 x 6 ins in a
mound of stone as per instruction
for 1/4 sec cor. No trees.

79,40 To the established cor to Spc
21 and 22 N ranges 17 and 18
W. Land rough and
broken. Soil mineral. no
timber.

Between Sp. 21 and 20 N. range 17 W
38 Gila and Salt river meridian

General Description

The land in this Sp is very rough and broken - The soil is mineral - There is but very little timber in the Sp -

Camp Beale Springs is located in this Sp in the neighbourhood of Sec 19 -

The proposed line of the 35th Parallel Railroad is surveyed diagonally through the S.W. portion from Sec 24 to

34 - Omar H. Case

Dec 12th 1872

Dep. U.S. Surveyor -

BOOK 1651

Omar H. Case Dep. U. S. Surveyor

Field Notes

of
 the exterior boundary lines
 of
 Township 22 N. Range 17 W.
 Gila and Salt River Base
 and meridian Territory of
 Arizona —

Surveyed by

Omar H. Case

U. S. Deputy Surveyor

Under the contract of July 29th
 1872 —

Survey commenced Dec 13th 1872
 " completed " 14th "

Between ranges 17 & 18 W Sp 22 N
Gila and Salt river meridian

Ch From the established cor. to Sp^s
21 and 22 N ranges 17 and 18
W. Iron

North on range line between
Sec^s 31 and 36.

Wa 15° 08' East

300 an arroyo flows W 100 links wide

3100 " " " S.W. 15 " "

3600 " " " 25 " "

and begin ascent of spur of mt.
100 feet high bears W.

4000 Set a stone 18 x 10 x 8 ins in a
mound of earth with pegs as
per instruction for 1/4 sec cor
No trees =

5100 an arroyo flows S.W. 100 links wide

8000 Set a post in a mound of stone as
per instruction for the cor to Sec^s
25, 30, 31 and 36. No trees =

Sand broken, soil mineral. No
timber =

BOOK 1651

Between ranges 17 & 18 N Sp 22 N
Gila and Salt river meridian 41 B

BOOK 1651

Ch North between Secs 25 & 30
Ta 15° 08' east

3000 Gulch bears N

4000 Set a Stone 16 x 8 x 6 ins in a
mound with pits as per instruction
for 1/4 sec cor. No trees.

4500 Begin ascent of Plate Spur bears N.

5000 Summit and begin descent "

8000 Set a post in a mound of stone for
the cor to Secs 19, 24, 25, 30 as
per instruction - No trees - Sand
broken and mountainous - Soil
mineral - No timber.

North between Secs 19 & 24

Ta 15° 08' east

1000 an arroyo flows SW.

4000 Set a Stone 10 x 10 x 10 ins in a
mound with pits as per
instruction for 1/4 sec cor. No trees

5100 Deep arroyo flows SW. Ch wide.

Between ranges 17 & 18 W. Sp 22 N
42 Gila and Salt river meridian

Ch
6400 a board having the inscription
of the Queens State lode on it
3 chains east.

BOOK 1651

7400 a board having the name of
Libby lode on it 4 ch. east

8000 Set a stone 15 x 12 x 6 ins in a
mound of stone and earth as
per instructions for the cor to
Secs 13, 18, 19 & 24. No trees.
Land level West broken up East.
No timber.

North between Secs 13 and 18
Ta 15° 08' east

1000 Begin ascent of mt. spur bears
N.W.

2700 Cross Smith's mine bears E.W.

3900 Summit bears N.W. & S.E.

4000 Set a stone 16 x 16 x 10 ins in a
mound of stone as per instruction
on summit of spur for 1/4 sec cor

Between ranges 17 & 18 N. Sp. 2nd of
Gila and Salt river meridian

48 3

Ch No trees. BOOK 1651

4000 Quartz ledge bears N.W. and
begin descent of mountain.

7000 Foot of mountain and an arroyo
25 links wide flows N.W.

7500 a trail bears N.W. & S.E.

8000 Set a stone 16 x 12 x 12 ins in a
mound of stone as per instruction
for the cor to sec 7, 12, 13 & 18

No trees. Land very broken and
mountainous. Soil mineral.
No timber.

North between Sec 7 and 12
Va 15° 05' east

0,50 road to Cerbat bears E. & N.

6,50 an arroyo flows W 20 links wide

18,00 road bears S. & N. to Cerbat =
Cerbat 1 mile east. a house
& chain east.

25,00 an arroyo flows N.W. 30 links

Between ranges 1748 W. Sp 22 N
44 Gila and Salt River meridian

BOOK 1651

- Ch wide and begin ascent of range bearing S.W. & N.E.
- 4000 Set a Stone 24 x 16 x 6 ins in a mound of stone as per instruction for 1/4 sec cor - No trees
- 5500 Summit of range bears a little S. of W.
- 7000 Foot of range and an arroyo flows N.W. 25 links wide and begin ascent of spur bearing N.W.
- 8000 Set a Post in a mound of stone as per instruction for the cor to Secs 1, 6, 7 and 12 - No trees
Land broken by mountains -
Soil mineral - No timber -

" North between Secs 1 and 6
Va 15° 08' East

300 Summit of spur with 2 rocky points one 30 links E and the

Between ranges 17 & 18 W. Sp 22 N 45
Gila and Salt river meridian

BOOK 1651

- Ch other 2 chs West Begin descent
7,500 Foot of spur bears N.W. & begin
ascent
3,000 Summit and trail bear N.W. P.S. Co.
3,300 Begin descent bear N.W. P.S. Co.
3,900 Summit of another spur bears N.E.
4,000 Set a Stone 20 x 10 x 10 ins in a
mound of stone as per instruction
for 1/4 Sec cor. = No trees
6,000 Foot of spur line runs along
West slope from 1/4 Sec cor.
6,050 an arroyo flows N.W.
6,200 a Wagon road bears N.W. P.S. Co.
8,000 Set a Stone 24 x 15 x 15 ins in a
mound of stone as per instruction
for the cor to Sec 1, 6, 31 & 36
and the cor to Sp 22 & 23 N
ranges 17 & 18 W. No trees
Land rough and broken =
Soil mineral. No timber =

Dec 13th 1872

Between Sp 22 & 23 N. range 17 N.
46 Gila and Salt river meridian

BOOK 1651

From the cor to Sp 22 and 23
North Ranges 17 & 18 West

Iran

East on random line
between said Sp. the Variation
of my compass being -
15° 10' East

as per Swits improved Solar
Compass.

I set temporary 1/2 mile
and mile post at 4000 and
8000 chains.

I find the Sp line to
be 5 miles 78 chains and
25 links and the falling
to be 50 links South of the
Sp corner - the correction
for the true line will therefore
be 1 chain and 75 links West
and 83 links North per mile =

Between Sp. 22 & 23 Range 17 N 47
Gila and Salt river meridian 3
BOOK 1651

Ch From the cor to Sp. 22 & 23 N.
ranges 16 & 17 N. I run
S 89° 57' N on true
line between Sec 1 and 36
Va 15° 10' East

4,000 Set a stone 12 x 8 x 6 ins in a
mound with pits as per instruction
for 1/4 sec. cor. = No trees =

6,000 Trail bears N.W. & S.E.

7,000 an arroyo flow S.E. so the wide

8,000 Set a post in a mound with
pits as per instruction for the
cor to sec 1, 2, 35 and 36

No trees. Land gently sloping
East. Soil 2nd rate. No timber.

S 89° 57' N on true line
between Sec 2 & 35.

Va 15° 10' East

18,000 a trail bears N & a point of
Hualpai mt. bears E 10 chs N.

Between Sec 22 & 23 N. ranges 17 W
48 Gila and Salt river meridian.

BOOK 1651

- Ch
2500 Trail bears N.E.
3500 a point of rocks bears N.E.
North of line about 17 chains
4000 Set a Post in a mound of stone
as per instruction for 1/4 sec cor
No trees - large granite boulder
North 2 chains -
4600 Entered point of rocks bears
S 4 chains and left Gualpai
Valley -
5550 Left point of rocks bears S.E.
about 8 chains and entered
Valley
8000 Set a Post in a mound with
pits as per instruction for the cor
to sec 2, 3, 34 and 35 - No
trees - Land mostly broken -
Soil mineral - No timber -

S 89° 57' W. on true line
between Sec 3 and 34

Between Tps 22 & 23 Aranges 17 W 49
Gila and Salt river meridian

BOOK 1651

3

Ch Va 15 + 10' East

- 1750 Left little Valley and entered
Hualpai Mountains bears S.P.S.E.
a creek about 4 che S flows to.
- 4900 Set a Stone 15 + 8 + 8 ins in a
mound of stone as per instruction
for 1/4 sec cor: No trees - from
which 2 Granite boulders each
as large as a house bears S.E.
40 links =
- 4650 Begin ascent of spur precipitous
ascent =
- 5000 Summit of spur 1st bench
- 5500 Line follows up spur of main
mountain.
- 7000 2 large Granite boulders one
South 10 links and the other
South 15 links =
- 7600 trail bears N.P.S.
- 8000 Set a post in a mound of stone
as per instruction for the cor: to

Between $\text{Sp}^e 22 \text{ \& } 23$ N. range 17 W.
50 Gila and Salt river meridian

BOOK 1651

Ch Sec 3, 4, 33 and 34 - No trees
Sand rough and broken. Soil
mineral. No timber.

$S 89^{\circ} 57'$ W on true line
between Sec. 4 and 33.

$\text{Va } 15^{\circ} 10'$ East

- 5,000 Summit of rocky point with
spur bearing S.E.
- 8,000 Trail bears N.W. & S.E.
- 38,000 Steep rocky Canon bears N.
- 40,000 Set a post in a mound of stone
as per instruction for $\frac{1}{4}$ sec cor
No trees.
- 45,000 Canon head bears N.E. & N.W.
- 77,000 Begin ascent of main mt
range bears S.E. & N.
- 80,000 Set a post in a mound of stone
as per instruction for the cor
to Sec 4, 5, 32 & 33. from
which a Pinion 16 mi dia bears $S 30^{\circ}$

Between Apr 22 & 23 N. range 17 W
Gila and Salt river meridian

BOOK 1651

51 3

Ch to 28 links. no others near.
Sand broken. Soil mineral.
there is some timber on east
slope of mountain mostly
cedar and Pinon.

S 89° 57' W on true line
between Sec 5 and 32

Va 15° 10' east

- 100 Summit of main range bear
S.E. & N.W. and begin descent
- 1600 Gulch flow S thence S.E. and
begin ascent of range bearing
S.E.
- 3550 Summit of range bears N.E.
and S.W. and entered growth
of cedar and Pinon
- 3750 Cross big copper lode bear N.W.
and S.E.
- 4000 marked a Pinon 16 ins dia
for 1/4 sec cor. as per instructions

52 Between Sp^s 22 & 23 N. ranges 17 W
Gila and Salt River meridian

BOOK 1651

- Ch
5000 Left Cedars bear N. & S.
- 6000 a ledge with some work on it
about 4 chains North.
- 8000 Set a Stone 20 x 12 x 4 ins in a
mound of stone as per instruction
for the cor to sec 5, 6, 31 & 32
No trees. Land broken and
mountainous - Soil mineral.
Cedar and Pinon on summit
of range

S 89° 57' W on true line
between Sec 6 & 31

Ca 15° 10' East

- 1700 Gulch flows South and foot
of highest point in Range
- 2050 Shaft 4 feet deep 6 feet South
of line Ledge bears N & S
head of Gulch 37 lbs wide bear
S. W.
- 4000 Set a post in a mound of Stone

Between Sp. 22 & 23 N. Range 17 W. 533
Gila and Salt river meridian

Ch as per instruction for 1/4 sec
cor: No trees - BOOK 1651

4,100 Trail bear N.W. & S.E.

4,500 a ridge bears N.E. from
rocky ridge bearing S.E. & N.W.

5,600 Line crosses ridge again bearing
S.E. and nearly W. line follows
along ridge to summit of high
rocky point above Sp. cor.

7,050 Begin descent -

7,825 To the established cor to Sp.
22 & 23 North ranges 17 & 18 W.

Land broken & mountainous
Soil mineral. No timber -

General description

The Sp is very rough and
mountainous - There is no
arable land in the Sp - The
timber is Cedar and Pinon
of a stunted growth along the

Between Tps 20 & 23 N. Range 17 N
Gila and Salt River Meridian

BOOK 1651

Summit of the highest ranges.
The Towns of Cerbat & Stockton
are in this Tp: = there are a
large number of mineral veins
located in this Tp: principally
Silver bearing rock.

Decr 14th 1872

Omar Case Supt Survey

Omar H. Case Dep. U.S. Surveyor

Field Notes

of
the exterior boundary lines
of
Sp 25 North Range 17 West

Gila and Salt River Base
and meridian - Territory
of Arizona -

Surveyed by

Omar H. Case

Dep. U.S. Surveyor

Under his contract of July 29th 1872

Survey commenced Dec. 16th 1872

" completed " 17th "

Between ranges 17 & 18 N. of 23 N
56 Gila and Salt river meridian

Ch From the established cor 10 of 22 and 23 N ranges 17 & 18 N. Run

North on range line between Secs 31 and 36.

Va 15° 15' East

10,000 a Gulch bearing S.E. and begin ascent of hill

15,000 Summit of hill bears S.W. & N.E.

20,000 Gulch flows S.W.

40,000 Set a Stone 16 x 16 x 12 ins in a mound of stone as per instructions for 1/4 sec cor: No trees.

80,000 Set a Stone 16 x 16 x 12 ins in a mound of stone for the cor to Secs 25, 30, 31 & 36. No trees. Sand rough and broken. Soil mineral. No timber.

BOOK 1651

Between Ranges 17 & 18 N. Sp 23 S
Guleh and Salt river meridian

BOOK 1651

Ch North between Sec 25 and 30

Ta 15° 15' East

- 500 Summit of little spur bearing
S.E. and N.W. and begin descent
- 1300 Guleh bearing S.E. & N.W.
- 1600 Guleh and small quantity
of running Water bears N.E. & S.W.
- 4000 Summit of high spur bearing
E.W. and marked a Pinon tree
to me in dia: as per instruction
for 1/4 Sec: cor:
- 6000 Foot of spur and Guleh bearing
S.E. & N.W. and begin ascent
of spur of Mt. bearing E.W.
- 6600 Summit of spur bearing E.W.
and begin descent
- 7500 Guleh flowing W in foot of
spur -
- 8000 Set a cedar Post in a mound
of stone as per instruction for
the cor to Sec 19, 24, 25 & 30

Between Ranges 17 & 18 N. Sp 23 N
658 Gila and Salt river meridian

BOOK 1651

Ch No tree - Sand rough and broken - Soil mineral - some timber on summit of spur mostly Cedar.

North between Sec 19 & 24
T₄ 15' 15" East

- 2500 Entered Cedars timber bears N. P. S. - Small Park and begin ascent of spur bears E. P. H.
- 3000 Summit of spur bearing E. P. H. 2 rocky spurs close at hand East one bears N. W. and the other S. W.
- 3900 Summit of another spur bearing E. P. H.
- 4000 marked a Pinon 8 in dia and built a stone mound around it as per instruction for 1/4 Sec. cor.
- 5500 Begin descent of mountain.

Between ranges 17 & 18 N. Sp 20 N
Gila and Salt river meridian

359 3

BOOK 1651

- 57⁰⁰ Gulch flowing N.W. and a trail bearing N.W. & S.E.
- 63⁰⁰ Gulch and foot of mountain and entered mineral Park bearing E.N.W.
- 63²⁵ Wagon road bearing E.N.W.
- 67⁰⁰ " " " " and town of mineral Park about 40 chains West
- 69⁰⁰ Gulch flowing S.W.
- 79⁰⁰ " " " " "
- 81⁰⁰ Set a cedar Post in a mound of stone as per instruction on a little round hill with a ledge of quartz running through it for the cor of sec 13, 18, 19 and 24. Land rough and broken - Soil mineral - some scattering cedar timber.

Between ranges 17 & 18 N. Sp 23 N
Gila and Salt river meridian 63
BOOK 1651

- Ch begin ascent of spur bearing
E. S. W.
- 25,00 Summit of spur bears E. S. W.
- 28,00 A gulch flows W
- 38,00 " " " W the head
of the gulch about 5 Ch East
- 40,00 Set a Stone 17" x 6 x 6 ins in a
mound of stone as per instruction
for 1/4 sec cor: No trees
- 43,00 Begin ascent of spur bearing W
- 50,00 Summit of spur bears W
- 60,00 " " main range bears
N. W. and S. E. and begin descent.
- 8,000 Foot of mountain range and set
a Stone 24 x 10 x 4 ins in a mound
of stone as per instructions for a
cor to Sec 1, 6, 31 and 36 and of
Sp 23 and 24 North Range 17 & 18 West
No trees = Sand very much broken
Soil mineral = No timber.

Dec 16th 1872

Between Tpe 23 & 24 N. Range 17 West
Gila and Salt River meridian 165
BOOK 1651

4,000 Set a stone 24 x 12 x 4 ins in a
mound of stone as per instruction
for 1/4 sec. cor: No trees

4400 Summit bears N.W. & E. & begin
descent

5000 Ravine flows N and begin ascent

6000 Summit of 2nd spur bears N
and begin descent

7000 Ravine flows North

8000 Set a stone 20 x 10 x 9 ins in a
mound of stone as per instruction
for the cor to sec 1, 2, 35 & 36 =
No trees = Sand mountainous
Soil mineral = No timber =

West on true line between Secs
2 and 35

To 15th 15' East

500 an arroyo flows N 50 the wide

1000 Line runs along N slope of
mountain range

Between Apr 23 & 24 N. range 17 W

66 Gila and Salt river meridian

- BOOK 1651
- Ch
22,00 Summit of a Divide bears North
- 26,00 an arroyo flowing down mt. side bearing North
- 27,00 an arroyo flowing down mt. side bearing North
- 40,00 Set a Stone $20 \times 10 \times 6$ ins in a mound of stone as per instruction for 14 Sec cor: No trees.
- 54,00 an arroyo flowing North 100 ft. wide & entered little Valley bears N. 60.
- 80,00 Set a Stone $18 \times 10 \times 10$ in a mound with pike as per instruction for the cor to Secs 2, 3, 34 and 35. No trees. Sand rough and broken. Soil mineral. No timber.

West on true line between Secs

3 and 34

to $15^{\circ} 15'$ east

4,000 Set a Stone $16 \times 15 \times 4$ ins in a mound with pike as per

Between Spr. 23 & 24 N. range 17 N.
Gila and Salt river meridian 67

BOOK 1651

- Ch instruction for $\frac{1}{4}$ sec cor: No trees
49,50 junction of 2 arroyos flowing
N. E. 20 links wide -
57,00 Trail bear N. E. & S. W.
63,00 Entered foot of range bearing
N. E. and left Valley -
80,00 Set a Stone $15 \times 12 \times 6$ ins in a
mound of stone as per instruction
for the cor to Secs 3, 4, 33 & 34
No trees - Land rolling - Soil
mineral - No timber -

West on true line between Secs
4 and 33

at $15^{\circ} 15'$ East

Line runs along South slope of
mountain -

- 38,00 Leave mt. range bearing N. E.
and entered rolling foot hills
4,000 Set a Stone $10 \times 9 \times 6$ ins in a
mound of stone as per instruction

Between Sp. 23 & 24 N. range 17 W
Gila and Salt river meridian 69

Ch bears E. & W. BOOK 1651

4000 Set a Stone 24 x 12 x 6 ins in a mound of stone as per instructions for 1/4 sec cor. No trees.

4500 Summit of range Begin descent

5000 Foot of range Ravine flows N

5500 Ravine flows N.E. & line again runs along N slope of mt.

8000 Set a Stone 18 x 12 x 10 ins in a mound of stone as per instruction for the cor to Secs 5, 6, 31 & 32
No trees - Land very broken and brushy - Soil mineral -
No timber.

West on true line between
Secs 6 and 31
Va 15° 15' East

500 Ravine and begin ascent of spur bearing N.E.

1200 Summit of spur bearing N.E.

Between Sp^s 23 & 24 N Range 17 W
70 Gila and Salt River meridian

BOOK 1651

ch and mt range S bears E.
1800 ravine flows N.
2300 " " " line runs
along N slope
4000 marked a granite Boulder
12 ft x 12 ft x 12 ft and built
around of stone on the North
side of it as per instruction
for 1/4 sec cor: = No trees.
6700 begin descent bears N & S.
7700 Gulch flows North
7850 To the established cor to Sp^s
23 and 24 N ranges 17 & 18
W = Sand very much
broken = Soil mineral.
No timber = Plenty of short
oak brush.

(here)

Between Twp 23 & 24 N. Range 17 W
Gila and Salt river meridians

BOOK 1651

General description

This Tp contains a large
number of mineral veins -
the country rock is granite -
the ledges are principally silver
bearing - There is not much
timber in the Tp Cedar and
Pinon are the predominating
varieties - Mount Cherrum is
the highest Peak in the range
situated in this Township -

Dec 17th 1872

Comer & Case Dep. Surveyor

Omar H. Case U.S. Dep Surveyor

Field Notes

of
the exterior boundary lines

of
Township 21 North Range 18 West

Gila and Salt River Base and
meridian

Territory of Arizona

Surveyed by

Omar H. Case

Dep. U.S. Surveyor

Under his Contract of July 29th 1872

Survey commenced 19th Decr 1872

" completed 19th " "

2A

Between ranges 18 & 19 W. Sp. 21 N
72 Gila and Salt river meridian

B

BOOK 1651

Ch Begin at the established cor
to Sp. 21 N. ranges 18 & 19
W. from which cor. I run
North on range line
between Secs 31 and 36

Va 15 + 5' 6 in per tour
improved Solar compass

1875 Dry bed of creek flows S.E.
100 links wide.

4000 Set a Post in a mound
with pits as per instruction
for 1/4 Sec cor. No trees

8000 Set a post in a mound with
pits as per instruction for the
cor to Secs 25, 30, 31 & 36
No trees. Sand level. Soil
1st rate. No timber.

North between Secs 25 & 30

Va 15 + 5' East

2800 Dry wash flows S.E. 50 lbs wide

6 d

Between ranges 18 & 19 N. Sp 21 N 73

Gila and Salt river meridian

BOOK 1651

Ch

3500

Entered bed of same creek
flows S.W. and follow up the
bed.

3900 Left bed of creek flow from N.E.

4000 Set a stone 12 x 8 x 8 in in a
mound of stone as per instruction
for 1/4 sec cor. No trees.

4200 Entered bed of creek again flow
S.W.

4600 Left bed of creek flows from
N.E.

5500 Little dry creek bed 15 lbs
wide flows from S.E.

6000 Dry bed of creek 100 lbs wide
flows S.E.

8000 Set a post in a mound with
pebbles as per instruction for the
cor to sec 19, 24, 25 & 30
No trees. Sand level. Soil
mostly 1st rate. No timber.

Between ranges 18 & 19 W. Sp 21 N
Gila and Salt river meridian

BOOK 1651

- Ch North between Secs 19 & 24
Va 15th 05' East
- 800 Trail bears N.W.
 - 2100 Dry creek flows SW 100ths wide
 - 2200 Entered bed of creek bear N.E.
 - 4000 Left bed of creek flows from N.E.
 - 4000 Set a Stone 12 x 10 x 8 ins in a mound with pits as per instructions for 1/4 sec cot: No tree
 - 8000 Set a post in a mound with pits as per instructions for the cot to Secs 13, 18, 19 and 24
No tree. Sand level. Soil 1st rate. No timber.

North between Secs 13 and 18
Va 15th 05' East

- 2700 Little creek flows S.E. line follows up bed 1 chain then flows from N.E.

Between ranges 18 & 19 W Sp 21 N 75
Gila and Salt river meridian

Ch

BOOK 1651

- 4,000 Set a post in a mound with
picks as per instruction for $\frac{1}{4}$ sec
cor. No trees
- 8,000 Set a post in a mound with picks as
per instruction for the cor to sec 7, 12, 13
& 18. No trees. Sand level - Soil 1st rate
No timber - plenty of mesquite brush

North between Sec 7 and 12
Ta 15° 05' east

- 10,000 Entered bed of little Creek flow S.E.
- 24,000 Left bed of Creek flow from N.E.
- 27,000 Crossed little Creek flow S.E. 10 ths wide
- 4,000 Set a post in a mound with
posts as per instruction for $\frac{1}{4}$
sec cor. No trees
- 5,100 Hardyville road bear E & W
- 8,000 Set a post in a mound with
picks as per instruction for the cor
to Sec 1, 6, 7 & 12 - No trees - Sand
level soil 1st rate - No timber

Between Sec 21 & 22 N range 18 N
Gila and Salt river meridian

BOOK 1651

Ch see cor. No trees
4,700 road to Cerbat bears N.P.S.
8,000 Set a post in a mound with pits
as per instruction for the cor to
Sec 1, 2 35 & 36. No trees. Land
gently sloping West. Soil
1st & 2nd rate. No timber

N 89° 57' W on true line
between Sec 2 & 35

1/4 15' 06' East

14,000 Big Wash from mt flow NW 100 lks wide

22,000 " " " " " 200 "

25,000 Old Wagon road bear N & S

4,000 Set a stone 10 x 8 x 6 in in a
mound with pits as per instruction
for 1/4 sec cor. No trees

5,000 an arroyo flow NW 100 lks wide

60,500 Dry bed of creek flow NW 75 lks wide

8,000 Set a post in a mound with pits
as per instruction for the cor to

Between Spc 21 & 22 N Range 18 W
Gila and Salt River meridian 879
BOOK 1651

Ch Secs 2, 3, 34 & 35. No trees
Land gently sloping West, Soil 1st
and 2nd rate. No timber.

N 89° 57' W on true line
between Secs 3 and 34
Ta 15° 06' East

11,000 Creek flows SW 10 lks wide
2,000 Dry bed of Creek flow SW 15 lks wide
4,000 Set a post in a mound with pits
as per instruction for 1/4 sec cor
no trees

46,000 a Dry Wash flow SW 10 lks wide
76,000 " " bed of Creek flow SW 50 lks wide
80,000 Set a post in a mound with
pits as per instruction for the
cor to Secs 3, 4, 33 & 34. No trees
Land level, Soil 1st rate. No timber

N 89° 5' W on true line
between Secs 4 and 33

Between Sec 21 & 22 N. Range 18 W
180 Gila and Salt-river meridian

BOOK 1651

Ch	Va 15° 06' East
28,00	Dry bed of Creek flow SW 40 links wide
37,00	Dry Wash flow SW 15 links wide
40,00	Set a post in a mound with puts as per instruction for 1/4 sec cor. No trees
56,00	Dry bed of Creek flow SW 15 links wide
71,00	" " " " " " 10 "
80,00	Set a post in a mound with puts as per instruction for the cor to Secs 4, 5, 32 & 33. No trees. Sand level - Soil 1 st rate. No timber

N 89° 57' W on true line
between Secs 5 and 32
Va 15° 06' East

21,50	Dry bed of Creek flow SW 35 links wide
40,00	Set a post in a mound with puts as per instruction for 1/4 sec cor. No trees
80,00	Set a post in a mound

Between Tpe 21 & 22 N. range 18 W
Gila and Salt River meridians

BOOK 1651

Ch with pits as per instruction for
the cor to secs 5, 6, 31 & 32. No trees
Sand level soil 1st rate. No timber
Some Greasewood Brush

S 89° 57' W on true line
between Sec 6 and 31

Va 15° 06' East

4,50 Dry bed of Creek flow SW
30 links wide

4,000 Set a post in a mound with
pits as per instruction for
1/4 sec cor. No trees.

54,00 Dry bed of Creek flow 30 links wide

79,60 The established cor to Tpe 21 & 22 N
ranges 18 & 19 West. Sand level
Soil 1st rate. No timber.

General Description

This Tpe contains a large
amount of 1st rate land for

Between the 21st & 22nd N range 18 W
& Gila and Salt river meridian

BOOK 1651

Farming - There is no timber
of any account - Some
mesquite and date trees
growing in the interior

Dec 19th 1872

Onas H. Case Dep. Surveyor

Omar H. Case U.S. Dep. Surveyor

BOOK 1651

Field Notes

of
the exterior boundary lines
of

Township 22 North range 15 West
Gila and Salt River Basins and
meridian

Territory of Arizona

Surveyed by

Omar H. Case

U.S. Dep. Surveyor

Under his contract of July 29th 1872

Survey commenced 20th Decr. 1874

" completed - 20th " "

Between ranges 18 & 19 W. Sp 22 84

Gila and Salt river meridian

BOOK 1651

ch
here
Begin at the established cor
to Sp 21 and 22 North ranges
18 and 19 West from which cor
I run.

North on range line
between sec 31 and 36

Ta 15° East as per

Burk improved solar compass

4000 Set a post in a mound with
fiki as per instruction for 1/4
sec cor: No trees

8000 Set a post in a mound with
fiki as per instruction for the
cor to sec 25, 30, 31 and 36
No trees - Sand level - Soil
1st rate - No timber -

North between sec 25 & 30

Ta 15° East

2900 road to Cerbat from Hardyville
bears E. N. W.

Between ranges 18 & 19 N Sp 22. N

85 Gila and Salt river meridian

Ch

4000 Set a post in a mound with pits as per instructions for $\frac{1}{4}$ sec cor. No trees =

BOOK 1651

8000 Set a post in a mound with pits for the cor. to Secs 19, 24, 25 and 30 = as per instruction. No trees = Sand level. Soil 1st rate = No timber =

North between Secs 19 & 24

To 15th East

1,75 Dry Creek 100 links wide flow N.

2300 An arroyo flows from S. E. to S. W. then S 100 links wide

4000 Set a post in a mound with pits as per instruction for $\frac{1}{4}$ Sec cor. No trees =

8000 Set a post in a mound with pits as per instruction for the cor to Secs 13, 18, 19 and 24

Between ranges 18 & 19 N. Sp 22 N
Gila and Salt river meridian

86

BOOK 1651

Ch No trees - Sand level - Soil
1st rate - No timber -

North between Sec 13 & 18
Ta 15th East

4000 Set a post in a mound with
pits as per instructions for 1/4
sec cor. - No trees

4650 Road to Mineral Park and
Chloride city bears N. E. & S. W.

6700 Road bears N. E. & S. W.

8000 Set a post in a mound with
pits as per instruction for the
cor to Sec 7, 12, 13 and 18
No trees - Sand level - Soil
1st rate - No timber -

North between Sec 7 and 12
Ta 15th East

2070 Road from Mineral Park to
Hardyville bears N. W. & S. E.

Between ranges 18 & 19 W Sp 22 N

87 Gila and Salt river meridian
Ch

40,00 Set a stone 10x10x10 ins in a mound with pits as per instruction for 1/4 sec cor. No trees

42,50 an arroyo flow SW. 50 lks wide

75,50 Wagon trail bears N.E. P.S.W.

80,00 Set a post in a mound with pits as per instruction for the cor to sec 1, 6, 7 and 12
No trees. Sand level. Soil 1st rate. No timber.

North between sec 1 and 6
Ta 15° East

40,00 Set a post in a mound with pits as per instruction for 1/4 sec cor. No trees

64,26 arroyo flows. SW. 25 lks wide

80,00 Set a post in a mound with pits as per instruction for the cor to sec 1, 6, 31 & 36 and the cor to Sp

between ranges 18 & 19 N Sp 22 N 88
Gila and Salt river meridian

BOOK 1651

Ch 20 & 23 N range 18 & 19 N. No trees
Sand level, Soil 1st rate. No timber

Between Sp 22 & 23 N range 18 N
Gila and Salt river meridian

*Here
commence*
From the cot to Sp 22 & 23 N
ranges 18 & 19 N. I run
east on random line
between said Sp the variation
of my compass being
15° east

I set temporary 1/2 mile and mile
posts at 4000 & 8000 lbs. I find the
Sp line to be 5 miles and 79 lbs
and the falling to be at post
cot. the correction for the
true line will therefore be
1 chain West per mile.

From the cot to Sp 22 & 23 N range
17 & 18 N. I run

Between Sec 20 & 23 N range 18 W
89 Gold and Salt river meridians

Ch West on true line between
Secs 1 & 36

Va 15° east

600 Foot of spur and ravine bearing N 6° E
NW begin ascent of spur bearing N 44°

2100 Summit bears N. W.

2200 Begin descent bears N W & S E

4000 Set a post in a mound with pits as per
instruction for 1/4 sec cor. no trees

7600 Foot of hill and entered
Sacramento Valley bears N 4° E

8000 Set a post in a mound with pits as
per instruction for the cor to Secs
1, 2, 35 & 36 No trees - land
broken, soil mineral. No timber

West on true line between Secs 2 & 35

Va 15° east

600 Summit of a hill 100 feet high
& begin descent bears S W

16, 50 An arroyo flow SW 15 links wide

Between Twp 22nd & 23rd Range 18th W
Gold and Salt river meridian. 290
Ch BOOK 1651

32,00 Arroyo flow SW 15 links wide

35,00 a field bears N & S

40,00 Set a post in a mound with pits as per
instruction for $\frac{1}{4}$ sec cor. No trees

51,50 Road from Cerbat to mineral
Park bears N. & S.

80,00 Set a stone 14x10x10 ins in a mound
with pits as per instruction for the
cor to Secs 2, 3, 34 & 35. No trees
Sand level. Soil 2nd rate. No timber

West on true line between Secs 3 and 34
 $\frac{1}{4}$ a 15th east

40,00 Set a post in a mound with pits as per
instruction for $\frac{1}{4}$ sec cor. No trees

80,00 Set a stone 14x10x10 ins in a mound
with pits as per instruction for the
cor to Secs. 3, 4, 33 & 34. No trees
Sand level, Soil 2nd rate. No timber

West on true line between Secs 4 & 33

Between Tps 32 & 33 N range 15 W
91 Gila and Salt river meridian

Ch Va 15° East

- 2900 Road to Hardyville from
Mineral Park bear NW & N.E.
3200 Arroyo flow NW 25 links wide
4000 Set a post in a mound with pits as per
instruction for 1/4 sec cor. No trees
5000 Set a post in a mound with pits as per
instruction for the cor to Secs 4, 5, 32
and 33 - No trees - Sand
level - Soil 1st rate - No timber

West on true line between Secs 5 & 32

Va 15° East

- 1900 Wagon trail bears N & P NW
3200 Arroyo flow NW 38 links wide
4000 Set a post in a mound with pits as per
instruction for 1/4 sec cor. No trees
5050 Arroyo flow NW 20 lks wide
7350 " " " 50 " "
8000 Set a stone 12 x 8 x 8 ins in
a mound with pits as per

Between Twp 22 & 23 N Range 18 W
Gila and Salt river meridians

Ch instruction for the cor to Secs
5, 6, 31 and 32. No trees
Sand level. Soil 1st rate
No timber.

West on true line between
Secs 6 & 31

Via 15th East

21,50 road from Chloride City to
Hardyville bears N.E. P.M.

4,000 Set a post in a mound with
pins as per instruction for
1/4 sec cor = No trees

7,000 an arroyo flow SW 50 lbs wide

79,00 To the established cor of
Township 22 and 23 N
Ranges 18 and 19 W = Sand
level. Soil 1st rate = No
timber.

93
Between Tps 22 & 23 Range 18 N
Gila and Salt river meridian

General description

BOOK 1651
This Tp contains a large
amount of fine arable land.
In the eastern portion
there is quite a number
of mineral bearing veins.
There is no timber in the
Township

Decr 20th 1872 Omar H Case Dep. Surveyor

Omar H. Case U.S. Deputy Surveyor

Field Notes

of
the exterior boundary lines
of
Township 23 North Range 18 West

Gila and Salt River Basins and
meridian, Territory of
Arizona

Surveyed by
Omar H. Case
U.S. Deputy Surveyor

Under his contract of July 29th 1872

Survey commenced 21st Decr 1872
" completed 21st " "

Between ranges 18 & 19 W. Sp 22 N
Gila and Salt river meridian

95

BOOK 1651

Ch Begin at the established cor to
Sp 22 and 23 North ranges
18 & 19 West from which corner
I run

North on range line
between Sec 31 and 36

Ya 15° East as per Books
improved Solar Compass

4000 Set a Post in a mound with pik
as per instruction for 1/4 sec cor.
No tree.

5800 an arroyo flows SW. 20 lbs wide

8000 Set a post in a mound with
pik as per instruction for the
cor to Sec 25, 30, 31 and 36
No tree - Sand level - Soil 1st
rate. No timber.

North between Sec 25 and 30

Ya 15° East

4000 Set a post in a mound with pik

Between ranges 18 & 19 N. Sp 23 N
96
Gila and Salt river meridian

Ch as per instruction for 1/4 sec cor
No trees

4400 Arroyo flows S.W. 10 links wide

8000 Set a post in a mound with
picks as per instruction for the
cor to sec 19, 24, 25 and 30
No trees, Sand level, Soil
1st rate. No timber.

North between Sec 19 and 24
Va 15° East

3000 an arroyo flow S.W. 30 links wide

4000 Set a Stone 14 + 8 + 6 ins in a
mound with picks as per
instructions for 1/4 Sec cor
No trees.

8000 Set a post in a mound with
picks as per instruction for the
cor to Sec 13, 18, 19 and 24
No trees. Sand level, Soil 1st
rate. No timber.

Between ranges 18 & 19 N. Sp 23 North
Gila and Salt river meridian

BOOK 1651

97

Ch North between Secs 13 and 18

$\frac{1}{4}$ Va 15th 05' East.

4,000 Set a post in a mound with
picks as per instruction for $\frac{1}{4}$
sec cor. No trees.

4,700 An arroyo 30 lks wide flow SW

8,000 Set a post in a mound with
picks as per instruction for the
cor to Secs 7, 12, 13 and 18.
No trees. Sand level. Soil
1st rate. No timber.

North between Secs 7 and 10

$\frac{1}{4}$ Va 15th 05' East.

600 a road bears nearly to SW

2,100 a trail bears to SW

4,000 Set a stone 14 x 8 x 6 in in a
mound with picks as per instruction
for $\frac{1}{4}$ sec cor. No trees.

54,000 road bears to SW.

59,000 An arroyo flow SW 40 lks wide

Between ranges 18 & 19 W. Tp 23 N
98 Gila and Salt river meridian

Ch
8000
BOOK 1651

Set a post in a mound with pick
as per instruction for the cor to
secs 1, 6, 7 and 12. No trees.
Sand level - Soil 1st rate
No timber.

North between secs 1 and 6
Ta 15° east

4000 Set a Stone 12 x 10 x 8 ins in a
mound with pick as per instruction
for 1/4 sec cor: No trees

5100 road bears to NW

5600 " " N.W. & 6 from Proche
to Chloride City.

5900 arroyo flow SW 100 lbs wide

8000 Set a post in a mound with
pick as per instruction for the
cor to secs 1, 6, 31 and 36
and of Tps 23 and 24 North
ranges 18 & 19 West. No trees
Sand level - South rolling North.

Between ranges 18 & 19 W Sp 23 N
Gila and Salt river meridian

99
BOOK 1651

Ch Soil mineral. No timber

From the cor to Sp 23 & 24 N Ranges
18 & 19 West = I run

East on random line between said
Sp the Variation of my Compass being
15° 15' East as per work
improved solar.

I set temporary 1/2 mile and
mile post at 4000 & 8000 chains

I find the Sp line to be 5 miles
and 78 ch and the falling to be
120 lks North of the Sp cor. The
correction for the true line West
will therefore be 2 chs W and
20 links South per mile

From the cor to Sp 23 & 24
North ranges 17 & 18 W, I run

N 89° 59' W on true line
between Secs 1 & 36

At 15° 15' East

3,00 Begin ascent of mountain

100
Between Sp^s 23 & 24 N. Range 18 W
Gila and Salt river meridian

Ch range bearing N E.

15,00 Summit & begin descent bear N. E.

18,00 Arroyo flow N. W. 20 lks wide.

40,00 Set a stone 16x12x10 in in a mound of
stone as per instruction for 1/4 sec cor. No trees

60,00 Gulch flowing SW & begin ascent of spur
100 feet high line runs along N slope

70,00 Summit of spur and begin
descent bears E W

80,00 Set a stone 8x8x8 in in a mound of
stone as per instruction for the cor
to Secs 1, 2, 35 & 36. Sand broken &
mountainous. Soil mineral. No timber.

North 89° 52' W on true line
between Sec 2 and 35

Via 15° 15' East

Line follows down N slope of high mt.

40,00 Set a stone 20x16x14 in in a mound of
stone as per instruction for 1/4 sec cor. No trees

65,00 Foot of a spur & an arroyo bear SW

1651

BOOK

Between the 23^d & 24th N Range 18 W
Gila and Salt River meridian

BOOK 1651

Ch & bequi ascent of another spur
7000 Summit and bequi descent
8000 Set a stone 18x10x6 ins in a mound
of stone as per instruction for the cor
to sec 2, 3, 34 & 35 - No trees
Land mountainous rough & broken
Soil mineral - No timber -

N 89^d 50' W on true line
between sec 3 & 34
Ta 15^d 15' East

300 Gulch flows North
600 House 4 feet North
750 arroyo flow N 25 links wide
850 road bears N W & S. E.
1000 " " N & S.
1200 Baker's smelting furnace 4 ches
S Gulch bears N W
13, 25 road bears N W & bequi ascent
of spur bearing N W
15, 00 Shaft on Veni 4 ches North

102
Between Sp 23 P 24 N. range 18 W

Gila and Salt river meridian

BOOK 1651

Ch
22,00 Summit of Spur bearing S P began descent

28,00 Shaft on vein 2 feet North

40,00 Set a Stone 20x16x14 in a mound of stone
as per instruction for 1/4 sec cor. - No trees

Large pile of granite boulders 20 links S E

44,00 Foot of hill bears N P E

49,00 Trail bears N. W. P S. E.

55,00 " " N E P S W

57,50 Wagon road bear SW P N E.

67,00 road bears N P S

76,00 Arroyo flows SW 30 links wide

80,00 Set a Stone 20x16x14 in a mound of stone
as per instruction for the cor to sec 3, 4

23 P 24 No trees - Sand rolling
Soil mineral - No timber

N 69° 50' W on true line
between Sec 4 and 33

1/4 a 15° 15' East

4,00 road bears N. E. P W, chloride city
South of this point about 1/2 mile

Between Sp^l 23 & 24 N range 18 W
 Gila and Salt river meridians
 BOOK 1651

- 1000 Begin ascent of hill bears N.P.S.
- 1850 Summit of hill bears N.P.S. & begin descent
 mine with shaft on vein 1 ch south
- 2300 Foot of hill bears N.P.S.
- 3700 road bears N.W. & S.E.
- 4000 Set a stone 14x8x6 in in a mound with
 pits as per instruction for 1/4 sec cor. No trees
- 4500 Begin ascent of hill
- 4800 2 shafts North of line 25 lute
- 5000 1 " South " 15 "
- 5700 Shaft on Summit of hill
- 6100 Foot of hill & centered rolling Sand
- 7975 road bears N.W. & S.E.
- 8000 Set a stone 16x10x8 in in a mound
 with pits as per instruction for the cor to
 Sec 4, 5, 32 & 33. No trees. Sand
 rolling - Soil mineral - No timber.

to hill
 +

N 89° 52' W on true line
 between Sec 5 and 32
 1/4 a 15° 15' east

Between Apr 23 & 24 Strange 18 W
Gila and Salt River meridian

- BOOK 1651
- Ch
500 shaft on mine 10 feet North
750 Arroyo flow S. 10 links wide
1000 a mine with shaft 5 cks South
1200 road bears N.W. & S.E.
3030 shaft on vein 40 links North
3600 " " " 10 cks South
4000 Set a Stone 24x16x6 ins in a
mound with pits as per instruction
for 1/4 sec cor. - no trees
4600 2 shafts on mine 3 cks South
4800 Arroyo flow SW 10 links wide
5600 road bear N.W. & S.E.
7500 Arroyo flow SW 150 links wide
8000 Set a Stone 18x10x10 ins in a mound
with pits as per instruction for the cor
to sec. 5, 6, 31 & 32 - No trees - Sand
level, Soil mineral - No timber

N 89° 52' W on true line
between Sec 6 & 31
1/4 a 15° 15' East

Between Sp 23 & 24 N range 18 W
Gila and Salt river meridian

BOOK 1651

Ch

1000 Begin ascent of rugged mt bear
SW & N. E. 500 feet high.

3600 Summit bear N & E begin descent

4000 Set a stone 10x8x8 ins in a
mound of stone as per instruction
for 1/4 sec cor - No trees

7000 Foot of rugged mt & entered level
land bear SW & N

7800 To the established cor to Sp
23 & 24 N ranges 18 & 19 W. Land
mountainous, soil mineral - No
timber.

here

General description

This Sp contains a large
number of first rate mineral
bearing veins. The SW portion
is well adapted for farming
There is not much timber in
the Sp. the only timber is cedar
and Pinon. The Sp will

Between Tps 23 & 24 N Range 18 W
100 Gila and Salt River meridian

BOOK 1651

admit of a large settlement
and should therefore be
subdivided. Mineral Park
and Chloride City are
located in this Township.

Dec^r: 21st 1872

Omar H. Case
Dep. Surveyor

106A

Omar H. Case U.S. Dep. Surveyor

Field Notes

of
the exterior boundary line
of
Township 21 North Range 19 West

Gila and Salt River Base
and Meridian Territory of
Arizona

Surveyed by

Omar H. Case

U.S. Dep. Surveyor

Under his Contract of July 29th
1870

Survey commenced Dec. 23^d 1872

" completed " 23^d 1872

BOOK 1651

Between Ranges 19 & 20 W Sp 21 107

Gila and Salt River meridian
BOOK 1651

Ch Begin at the established cor
to Sp 21 N Ranges 19 & 20
W from which cor: I run
North on range line
between Sec 31 and 36

Ya $15^{\circ} 05'$ East as per
Burke improved Solar Compass
Line from cor runs along W
slope of mountain -

4,000 Set a Stone $10 \times 8 \times 8$ ins in a
mound of stone as per instruction
for $\frac{1}{4}$ Sec cor: No trees

5,000 an arroyo flows N.W. 70 lbs
wide and foot of W slope of
mountain -

8,000 Set a Stone $20 \times 10 \times 8$ ins in a
mound of stone as per instruction
for the cor to Sec 25, 30-31
and 36 - No trees, Sand
broken & mountainous. Soil
mineral. No timber -

Between Ranges 19 & 20 W Sp 21 N
Gila and Salt river meridian

BOOK 1651

Ch North between Secs 25 & 30
Va 15⁺ 05' East

1800 An arroyo flow N.E. 25 the width

3300 " " " " " " " " " " " "

4000 Set a stone 16 x 8 x 8 ins in a mound of stone as per instruction for 1/4 sec cor. no trees

6000 Immense pile of rocks with tanks of water inaccessible West of line 10 links

7000 an arroyo flows S.E. 25 the width

8000 Set a stone 16 x 6 x 6 ins in a mound of stone as per instruction for the cor to Secs 19, 24, 25 and 30. No trees. Land mountainous and broken. Soil mineral. No timber.

Between Ranges 19 & 20 N. Sp 21 N
Gila and Salt River meridian

BOOK 1651

109

- | | |
|-------|--|
| Ch | North between Sec 19 and 24
Va 15° 05' East |
| 2,00 | Begin ascent of mountain
Range bearing S. E. & N. |
| 2,500 | Summit and begin descent
ridge bear S. E. Spur N. |
| 39,00 | Foot of mountain bears S. E. & N. |
| 40,00 | an arroyo flow N. E 100 links
wide and set a stone 10x10x6
ins in a mound of stone as
per instruction on right bank
of arroyo for 1/4 sec cor
No trees. |
| 44,00 | Begin ascent of Range bearing
E & N |
| 63,00 | Summit of spur bear E & N
first bench |
| 66,00 | Summit of range bearing N. E.
and S. E. and begin descent |
| 79,00 | Foot of mt. and entered rolling
land bear N. W. & S. E. |

Between Ranges 19 & 20 N Sp 21 N
110 Gila and Salt River meridian

Ch
8,000
BOOK 1651

Set a stone 16 x 10 x 6 ins in a mound of stone as per instruction for the cor to sec 13, 18, 19 & 24 = No trees - Sand rolling Soil mineral = No timber =

North between Sec 13 & 18
Ta 15th 05' East

0,000 an arroyo flow S. 25 lbs wide

3,000 Begin ascent of hill bears N.W. and S.E.

3,700 Summit of hill

4,000 marked a boulder 3ft x 3ft the exposed face and built amount of stone upon it as per instruction for 1/4 sect cor: No trees =

4,300 Foot of hill bears S.E. & N.W.

7,000 an arroyo flow N.E. 100 lbs wide

8,000 Set a stone 12 x 10 x 6 ins in a

Between Ranges 19 & 20 W Sp 21 N
Gila and Salt River meridians
BOOK 1651

Ch mound of stone for the cor to
Sec 7, 12, 13 & 18 = No trees
Land mostly level = Soil
mineral = No timber.

North between sec 7 and 12
Va $15^{\circ} 05'$ east

2300 arroyo flow N.E. 100 lbs wide

4000 Set a Stone $18 \times 10 \times 6$ ins in a
mound with pits as per instruction
for $\frac{1}{4}$ sec cor = No trees.

6000 Grand Wash 2 Chs wide flow N.E.

6250 Trail bear to SW.

8000 Set a Stone $15 \times 10 \times 8$ ins in a
mound of stone as per instruction
for the cor to Sec 1, 6, 7 & 12
No trees = Land mostly level =
Soil mineral = No timber

Between ranges 19 & 20 N Sp 21 N
Gila and Salt river meridian

BOOK 1651

- Ch North between Sec 1 and 6
Va 15th 05' East
- 100 Road from Hardyville to
Prescott bears a little S of E.
- 2000 Road to Hualpai mining
District bears N.E.
- 3400 Entered Stunted Cedars an
arroyo flowing E.
- 3600 Begin ascent of conical hill
150 feet high.
- 4000 Set a stone 16 x 10 x 4 ins in a
mound of stone as per instruction
for 1/4 Sec cor. No trees
- 4300 Summit and begin descent
- 5000 Foot of conical hill
- 6000 an arroyo flow S to 10 lbs wide
- 7100 " " " " " " " "
- 8000 Set a stone 10 x 10 x 10 ins in a
mound of stone as per instruction
for the cor to Sec 1, 6, 31 & 36
No trees. Sand rolling

Between ranges 19 & 20 W Sp 21 N
Gila and Salt river meridian

113

BOOK 1651

Ch Soil 3rd rate = No timber.

From the cor to Sp 21 and 22
North ranges 19 and 20 West
I run

East on random line
between said Sp the variation
of my compass being

15° 15' East as per
Burt's improved Solar

I set temporary 1/2 mile
and mile posts at 4,000 and
8,000 chains.

I find the Sp line to be
5 miles and 79 chains and
the falling to be 180 links South
of the Sp cor the correction
for the true line West will
therefore be 100 links West and
30 links North per mile

From the cor to Sp

100 Between Sec 21 & 22 North range 19 N
Gila and Salt River meridian

Ch. 21 and 22 North range 18 &
19 West T. run

S 89° 47' West on true
line between Sec 1 and 36

Ta 15° 15' East

3800 An arroyo flow SW 1 ch wide

4000 Set a Stone 10 x 10 x 8 ins in a
mound with pits as per instruction
for 1/4 sec cor. No trees

8000 Set a post in a mound with
pits as per instruction for the
cor to Sec 1, 2, 35 and 36

No trees - Sand level - Soil
1st rate. No timber.

S 89° 47' W on true line
between Sec 2 and 36

Ta 15° 15' East

2850 Old Wagon trail bear NW & E. C.

4000 Set a post in a mound with
pits as per instruction for 1/4 sec

BOOK 1651

Between Sp^s 21 & 22 N. range 19 W 115
Gila and Salt River meridian

Ch cor = No trees BOOK 1651

8000 Set a post in a mound with pits as per instruction for the cor to see 2, 3, 34 and 35

No trees - Sand level - Soil 1st rate = No timber =

S 89° 47' W on true line between Sec 3 and 34

Ca 15° 15' East

17,00 an arroyo flows S 20 lks wide

24, 50 " " " 100 " "

39, 00 " " " S.E. 16 " "

40, 00 Set a Stone 14 x 13 x 6 ins in a mound with pits as per instruction for 1/4 sec cor. No trees

80, 00 Set a Stone 18 x 10 x 10 ins in a mound with pits as per instruction for the cor to see 3, 4, 33 & 34

No trees - Land level & sloping East
Soil 2nd rate = No timber =

116
Between Tpe 21 & 22 N range 19 N
Gila and Salt River meridian

Ch S 89° 47' W on true line
between Sec 4 and 33
Ta 15° 15' East

2700 an arroyo flows S. E.

30, 30 Road from Hardyville to
Hualpai mining District
bears N. E. & S. W.

4000 Set a Stone 15 x 12 x 10 ins in a
mound with pits as per instruction
for 1/4 sec cor: No trees

8000 Set a Stone 16 x 10 x 8 ins in a mound
of stone as per instruction for the
cor to Secs 4, 5, 32 and 33
No trees - Sand sloping East
Soil 3rd rate - No timber.

S 89° 47' W on true line
between Sec 5 and 32
Ta 15° 15' East

4000 Set a Stone 12 x 12 x 6 ins in a
mound with pits as per instruction

Between Sp 21 & 22 North Range 19 N
Gila and Salt River meridian
BOOK 1651

Ch for 1/4 sec cor. No trees
8000 Set a Stone 14x10x8 ins in a
mound with pits as per instruction
for the cor to Sec 5, 6, 31 & 32
No trees - Sand sloping East
Soil 3rd rate - No timber.

S 89° 47' N on true line
between Sec 6 and 31
Va 15° 15' East

4000 Set a Stone 16x10x10 ins in a
mound of stone as per instructions
for 1/4 sec cor. No trees

7900 To the established cor to Sp
21 and 22 North Ranges 19 &
20 West. Sand rolling SW.
Soil 3rd rate - No timber.

General Description
The N.E. portion of this Sp
contains a large amount of

118
Between Spgs 21 & 22 Range 19. W
Gila and Salt river meridian

BOOK 1651

first rate land for farming.
The S.W. portion is covered
by the Black mountains a
barren rocky range unfit
for cultivation - there are
several groves of Cedar
timber in the N.W. Sec.
There is excellent grazing
throughout the entire Sp

Dec. 23^d 1872

Omar A. Van Dusen

Omar H. Case U.S. Dep. Surveyor

Field Notes

of
the exterior boundary line
of
Townships 21 North Range 16 W.

Gila and Salt River Basins and
meridian Territory of Arizona

Surveyed by
Omar H. Case

U.S. Dep. Surveyor

Under his contract of 29th July 1872

Survey commenced 25th Dec 1872

" completed 25th " "

119
Between Ranges 15 & 16 T^h Sp 21 N
Gila and Salt river meridian

BOOK 1651

Ch Begin at the established cor
to Sp 21 N range 15 & 16 T^h
I run

North on the range
line between Sec^s 31 and
36 =

To 15th East

2,000 Begin ascent of Mountain
Range

3,000 Summit of first bench

4,000 Set a stone 16 x 16 x 12 ins in
a mound of stone as per instruction
for 1/4 sec cor = No trees

7,000 Summit bears N.W. & S.E.
and begin descent

8,000 Set a stone 16 x 8 x 6 ins in a
mound of stone as per instruction
for the cor to Sec^s 25, 30, 31
and 36 = No trees - Sand
mountainous - Soil mineral -
No timber =

Between ranges 15 & 16 N Sp 21 N
Gila and Salt River meridian

BOOK 1651

Ch North between Sec 25 and 30
Va 15^o East

- 2200 a ravine flows N.E.
- 3900 Summit of spur bears E
- 4000 Set a post in a mound of stone
as per instruction for 1/4 Sec cor
from which
a Cedar 10 ins dia bears N10^o E 40 lbs
" " " " " " S 25^o E 100 "
- 4800 Begin descent bears S.E. & N.W.
- 8000 Set a stone 18 x 10 x 8 ins. in a
mound of stone as per instruction
for the cor to sec 19, 24, 25 and
30. No trees. Land rough
and mountainous - Soil mineral
Some timber on N of line mostly
Cedar =

North between Sec 19 and 24
Va 15^o East

1600 Foot of spur and ravine flow

Between Ranges 15 & 16 W Sp 21 N
Gila and Salt river meridian

121

BOOK 1651

Ch N.W. and begin ascent again
2000 Summit and begin descent
3000 Foot of spur and entered
Hualpai Valley bear E. & W
4000 Set a stone 16 x 16 x 12 ins in a
mound of stone as per instruction
for 1/4 sec cor: No trees
8000 Set a stone 15 x 8 x 6 ins in a
mound with pits as per
instructions for the cor to
Secs 13, 18, 19 and 24 = No
trees - Sand broken - South
gently sloping N - Soil 1st
and 3rd rate - No timber.

North between Sec 13 and 18
Va 15th East

350 Old road bears E. & W.
750 a Wash flows W 100 lbs wt
980 Road from Hardyville to
Prescott bears E. & W.

Between Ranges 15 & 16 N. Sp 21 N
Gila and Salt river meridian

BOOK 1651

122

Ch
4000 Set a post in a mound with pits
as per instruction for 1/4 sec cor
No trees

4250 an arroyo flow N.W. 15 lks wide

7050 " " " " 16 " "

8000 Set a Stone 10 x 8 x 8 ins in a
mound with pits as per instruction

for the cor to Secs 7, 12, 13 & 18

No trees - Sand level - Soil

1st rate = No timber.

North between Sec 7 and 12

Va 15° East

800 a Wash flow W 100 links wide

4000 Set a Stone 10 x 8 x 8 ins in a
mound of stone as per instruction

for 1/4 Sec cor = No trees

5600 an arroyo flow N.W. 20 lks wide

8000 Set a post in a mound with
pits as per instruction for the cor
to Secs 1, 6, 7 and 12 = No trees

Between ranges 15 & 16 N Sp 21 N
Gila and Salt river meridian

123
187

BOOK 1651

Ch Sand level - Soil 1st rate
No timber.

North between Secs 1 and 6
T₄ 15th East

3300 Trail bear N.W. & S.E.

4000 Set a post in a mound with
pits as per instruction for 1/4
sec cor: No trees

5700 an arroyo flow N.W. 25 lks wide

6200 " " " " " 20 "

8000 Set a post in a mound with
pits as per instruction for the
cor to Secs 1, 6, 31 and 36
and of the 21 and 22 North
ranges 15 & 16 West. No trees
Sand level, Soil 1st rate
No timber.

between Sp^s 21 and 22 N. range 16 W
Gila and Salt river meridian

BOOK 1651

124

From the cor to Sp^s 21 and 22
North ranges 15 & 16 West
I run

West on random line
between said Sp^s the Variation
of my Compass being
15° East

as per Burts improved Solar.

I set temporary $\frac{1}{2}$ mile
and mile posts at 4000 and
8000 chains. I find the
Township line to be 5 miles
79 chains and 25 links and
the falling to be 1 chain and
20 links South of Sp^s cor.

The correction for the true line
will therefore be 75 links East
and 20 links ^{North} South per mile.

From the cor to Sp^s 21 & 22
N. Ranges 16 and 17 West
I run.

Between Twp 21st & 22nd N Range 16 W
123 Gila and Salt river meridian

BOOK 1651

ch. S 89° 52' 6" on true line
between Sec 6 and 31
1/4 a 15° cast

39,25 Set a post in a mound with
pits as per instruction for 1/4
sec cor. No trees

74,00 road bear N 6° W

79,25 Set a post in a mound with
pits as per instruction for the
cor to Sec 5, 6, 31 and 32.
No trees. Sand level. Soil
1st rate. No timber.

S 89° 52' 6" on true line
between Sec 5 and 32
1/4 a 15° cast

40,00 Set a post in a mound with
pits as per instruction for 1/4
sec cor. No trees

80,00 Set a post in a mound
with pits for the cor to Sec

Between Tps 21 and 22 Range 16 W
Gila and Salt River meridian

BOOK 1651

Ch 4, 5, 32 and 33 as per
instruction - No trees - Land
level - Rod 1st rate - No
timber -

S 89° 52' 0" on true line
between Sec 4 and 33
Va 15° East

4,000 Set a post in a mound with
pits as per instruction for 1/4
sec cor - No trees

8,000 Set a post in a mound with
pits as per instruction for the
cor to Sec 3, 4, 33 and 34
No trees - Land level - Rod
1st rate - No timber -

S 89° 52' 0" on true line
between Sec 3 and 34 -
Va 15° East

4,000 Set a post in a mound with

Between the 21st & 22nd Range 16 W
8427 Gila and Salt river meridian

BOOK 1651

Chr puts as per instruction for 1/4
see cor. No trees

8000 Set a post in a mound with
puts as per instruction for the
cor to Secs 2, 3, 34 and 35
No trees - Level level. Soil
1st rate. No timber.

S 89th 50' E on true line
between Secs 2 and 35
Ta 15th East

4000 Set a post in a mound
with puts as per instruction
for 1/4 see cor. No trees.

8000 Set a post in a mound
with puts as per instruction
for the cor to Secs 1, 2
35 and 36. No trees
Land level. Soil 1st
rate. No timber.

Between the 21 & 22 N range 16 W
Gila and Salt river meridians

BOOK 1651

Ch S 89° 50' E on true line
between Secs 1 and 36

Ta 15° E

4000 Set a post in a mound with
pegs as per instruction for 1/4
Sec cor - no trees

4700 Trail bears N. W. & S. E.

6150 an arroyo flow N. W. 20 the wide

8000 To the established cor to
the 21 and 22 N ranges
15 and 16 W. Land level
Soil 1st rate - No timber.

General description
This Sp contains a large
amount of 1st rate land
for farming. There is
considerable timber in this
S. E portion Cedar & Pinon
The land is mostly level &
affords excellent pasturage

Between Hqs 21 & 22 N range 16 W
Gila and Salt river meridian

129

The Soil is of a sandy loam

Decr 25th 1872 Omar H Case

Sep. Surveyor

BOOK 1651

Omar, H. Case Dep U.S. Surveyor

Field Notes

of

the exterior boundary lines

of

Township 20 North Range 16 West

Gila and Salt River Base and
meridian, Territory of Arizona

Surveyed by

Dep U.S. Surveyor

Under his contract of July 29th 1870Survey commenced Dec. 26th 1870" completed . 26th "

Between Ranges 15 & 16 W Sp 22 N
Gila and Salt River meridian

130

BOOK 1651

Ch. From the established cor
to Sp 21 and 22 North
Ranges 15 & 16 West.
Run

North on range line
between Sec 31 and 36
Va 15° East

13,000 An arroyo flow NW 10 lks wide

4,000 Set a post in a mound with
pik as per instruction for 1/4
Sec cor. No trees

5,000 An arroyo 20 lks wide flow NW.

8,000 Set a post in a mound with
pik as per instruction for
the cor to Sec 25, 30, 31 & 36
No trees. Sand level. Soil
1st rate No timber.

North between Sec 25 and 30
Va 15° East

4,000 Set a Post in a mound with

Between Ranges 15 & 16 N Sp 22 N
Gila and Salt river meridian

BOOK 1651

Ch pits as per instruction for 1/4 sec
cor. No trees

6000 an arroyo flow N.W. 10 lks wide

8000 Set a post in a mound with
pits as per instruction for the
cor to Secs 19, 24, 25 and 30

No trees - Sand level, Soil 1st
rate - No timber -

North between Secs 19 and 24
Va 15° East

25,000 a Little arroyo flow N.W.

4000 Set a post in a mound with
pits as per instruction for 1/4
sec cor. No trees

8000 Set a post in a mound with pits
as per instruction for the cor
to Secs 13, 18, 19 and 24 -

No trees - Sand level, Soil
1st class - No timber -

Between ranges 15 & 16 W, Sp 20 N
Gula and Salt River meridian

132

Ch. North between Sec 13 and 18
Ta 15th East

18,00 Little arroyo flow N.W.

40,00 Set a post in a mound with
pits as per instruction for 1/4
Sec cor. - No trees.

69,00 Old Wagon Trail bear N.E.
and S.W. dimi marks

80,00 Set a post in a mound with
pits as per instruction for the
cor to Sec 7, 12, 13 and 18
No trees - Sand level - Soil
1st rate - No timber.

North between Sec 7 and 12
Ta 15th East

38,00 An arroyo 100 lbs wide flow N.E.

40,00 Set a post in a mound with
pits as per instruction for 1/4
Sec cor. - No trees

80,00 Set a post in a mound with

BOOK 1651

Between Ranges 15 & 16 N Sp 22 N
Gila and Salt River meridian

BOOK 1651

133

Ch pik as per instruction for the
cor to sec 1, 6, 7 and 12
No trees. Sand level. Soil
1st rate. No timber.

North between sec 1 and 6
Va 15° East

4000 Set a post in a mound with
pik as per instruction for 1/4
sec cor. No trees

8000 Set a post in a mound with
pik as per instruction for the
cor to sec 1, 6, 31 and 36
and of Townships 22 and
23 N, Ranges 15 and 16 W.
No trees

Sand level. Soil 1st rate
No timber

Between Tpe 22 & 23 N Ranges 16 W
Gila and Salt River Meridian

134

BOOK 1651

Ch From the cor to Tpe 22 & 23
North Ranges 15 & 16 West
I run

West on random line
between said Tpe the variation
of my compass being
15° east as per
Burt's improved Solar.

I set temporary 1/2 mile
and mile posts at 4000 and
8000 chains.

I find the Sp line to be
5 miles 78 chains and 70
links and the falling to be
at the Sp cor: the correction
for the true line will
therefore be 1 chain and
30 links east ~~xxx xxxx~~

From the cor to Tpe
22 and 23 North Ranges
16 and 17 West, I run

Between Tps 20 & 23 N. ranges 16 W
Gila and Salt river meridian

BOOK 1651

135

Ch East on true line between
Sec 6 and 31

$\frac{1}{4}$ a 15° East

38,70 Set a post in a mound with
picks as per instruction for $\frac{1}{4}$
Sec cor. - No trees

44,00 Trail bears N. 6. E. W.

78,70 Set a post in a mound with
picks as per instruction for the
cor to Secs 5, 6, 31 and 32

No trees. Sand level, Soil 1st
rate. No timber.

East on true line between
Secs 5 and 32

$\frac{1}{4}$ a 15° East

40,00 Set a post in a mound with
picks as per instruction for $\frac{1}{4}$
Sec cor. No trees

80,00 Set a post in a mound with
picks as per instruction for the

Between Tps 22 & 23 Range 16 W
Gila and Salt river meridian

Ch cor to Secs 4, 5, 32 and 33
No trees. Sand level. Soil
1st rate. No timber.

BOOK 1651

East on true line between
Secs 4 and 33

Va 15° East

4000 Set a post in a mound with
pits as per instruction for 1/4
sec cor. No trees

8000 Set a post in a mound
with pits as per instruction
for the cor to Secs 3, 4, 33
and 34. No trees
Sand level, Soil 1st rate. No
timber.

East on true line between
Secs 3 and 34

Va 15° East

4000 Set a post in a mound with

Between the 22 & 23 N range 16 W

Gila and Salt River meridian

BOOK 1651

137

Ch pits as per instructions for 1/4
Sec cor. No trees

59,00 a cattle trail bears N. E. & W.

8000 Set a post in a mound with
pits as per instruction for the
cor to Sec 2, 3, 34 and 35
No trees. Land level. Soil
1st rate. No timber.

East on true line between
Sec 2 and 35

72 15° East

26,00 an arroyo flow N. E. 100 lbs wide

4000 Set a post in a mound with
pits as per instruction for 1/4
Sec cor. No trees

56,00 an old Wagon trail dim bears
N. E. & W.

8000 Set a post in a mound with
pits as per instruction for the
cor to Sec 1, 2, 35 and 36

BOOK 1651
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 East boundary of Townships N^o 24 North Range N^o 7 West Gila and Salt River Basins and meridian Territory of Arizona

Showing the respective capacities in which they acted.

	Compassman.
Andrew J. Shrope	Chainman.
Edward Byrne	Chainman.
Richard Celler	Axeman.

Final Oaths of Assistants.

We hereby certify that we assisted Omar H. Cow
 United States Deputy Surveyor, in surveying
 the East boundary of Township
 No 24 North Range No 17 West
 Gila and Salt River Base and
 meridian Territory of Arizona

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.

Aswired Shrapel 3 Chairman
 Edward Byrne 3
 Richard Keller 3 Assessor

Subscribed ^{9th} ^{to} ^{be} ^{fore} ^{me}
 this 6th day of January 1873

E. C. Wells
 Clerk Dist Court
 3rd Dist. Arizona.

Final Oath of Deputy Surveyor.

I, Omar H. Case United States
 Deputy Surveyor, do solemnly swear that, in pursuance
 with a contract with John Mason
 United States Surveyor-General for Arizona, bearing date
 the 29th 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 boundaries of Township N^o 23
 North Range N^o 18 West Gila and
 Salt River base and meridian
 Territory of Arizona



represented in the foregoing Field Notes as having

been surveyed under my directions; 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 and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Amos H. Case

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Edw. Wells
Clerk Dist Court
3^d Dist Arizona



List of Names.

A 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 boundaries of Township No 21 North Range No 16 West Gila and Salt River Base and meridian Territory of Arizona

Showing the respective capacities in which they acted.

	Compassman.
Andrew J. Strope	Chainman.
Edward Byrne	Chainman.
Richard Celler	Axeman.



Final Oaths of Assistants.

We hereby certify that we assisted Omar H. Case
 United States Deputy Surveyor, in surveying
 the exterior boundaries of Township
 No 21 North Range No 16 West Gila
 and Salt River Base and meridian
 Territory of Arizona

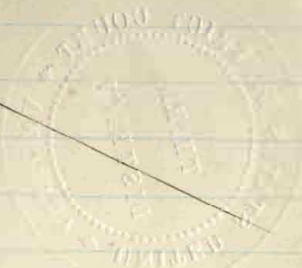
and that said Survey has been in all respects, to the
 best of our knowledge and belief, well and faithfully sur-
 veyed, and the boundary monuments planted according to
 the instructions furnished by the Surveyor-General.

Andrew Strope }
 George Payne }
 Richard Keller }
 Assistants

Subscribed and Sworn to before
 me this 6th day of January 18th 1873
 J. W. Wells
 Clerk Dist Court
 3rd Dist Arizona.

Final Oath of Deputy Surveyor.

I, Omar H. Case United States
 Deputy Surveyor, do solemnly swear that, in pursuance
 with a contract with John Wasson
 United States Surveyor-General for Arizona, bearing date
 the 29th 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 boundaries of Township No 01
 North Range No 16 West Gila and
 Salt River Basins and meridian Territory
 of Arizona



represented in the foregoing Field Notes as having

been surveyed under my directions; 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 and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Ormer Chase

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 6th
day of January 1873

Edgewells
Dist. Clerk
3rd Dist. Arizona



List of Names.

A 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 boundaries of Township No. 1 North range No. 17 West Gila and Salt River Base and meridian Territory of Arizona

Showing the respective capacities in which they acted.

	Compassman.
Andrew J. Krope	Chainman.
Edward Byrne	Chainman.
Richard Keller	Steman.

Final Oaths of Assistants.

We hereby certify that we assisted Omar, H. Case
 United States Deputy Surveyor, in surveying
 the exterior boundaries of Township
 N^o 21 North Range N^o 17 West Gila
 and Salt River Basins and meridian
 Territory of Arizona

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.

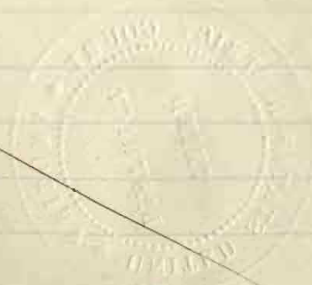
Andrew S. Sharp } chainman
 Edward Byrne }
 Richard Keller } axeman

Subscribed and Sworn to before me
 this 6th day of January, 1893-

E. C. Wells
 Dist. Dist. Court
 3^o Dist. Arizona.

Final Oath of Deputy Surveyor.

I, Omar H. Case, United States
Deputy Surveyor, do solemnly swear that, in pursuance
with a contract with John Wasson
United States Surveyor-General for Arizona, bearing date
the 29th 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 boundaries of Township N^o 21
North Range N^o 17 West Gila and
Salt River Base and meridian
territory of Arizona



As represented in the foregoing Field Notes as having

been surveyed under my directions; 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 and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Omar A. Case

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Edwards
Clerk Dist Court
3^d Dist Arizona.



BOOK 1651

List of Names.

A 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 Boundaries of Township No 21 North range No 18 West Gila and Salt River Basins and Meridian Territory of Arizona

showing the respective capacities in which they acted.

Compassman.

Andrew J. Shrope Chainman.

Edward Byrne Chainman.

Richard Keller Axeman.



Final Oaths of Assistants.

We hereby certify that we assisted Omar H. Co. United States Deputy Surveyor, in surveying the exterior boundaries of Township No 21 North Range No 18 West Gila and Salt River base and meridian Territory of Arizona

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

Andrew Shropes } Chainman
 Appoyza Byrne }
 Richard Keller } Axeman

Subscribed and Sworn to before
 this 6th day of January 1843

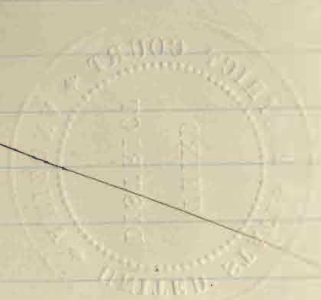
Edw. Wells

Just. Dist Court

3^d Dist Arizona

Final Oath of Deputy Surveyor.

I, Omar H. Case United States
 Deputy Surveyor, do solemnly swear that, in pursuance
 with a contract with John Wasson
 United States Surveyor-General for Arizona, bearing date
 the 29th 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 boundaries of Township
 No 21 North range No 18 West Gila
 and Salt river Base and meridian
 Territory of Arizona



represented in the foregoing Field Notes as having

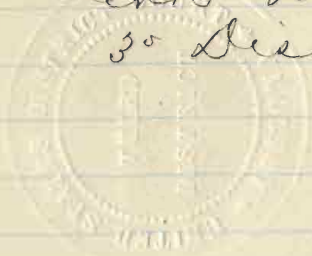
been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Omar Chase

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Cocoverles
Leitch Dist Court
3^d Dist Arizona



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 boundaries of Township No 21 North range No 19 West Gila and Salt River Base and Meridian Territory of Arizona

showing the respective capacities in which they acted.

Andrew J. Shrope	Compassman.
Edward Byrne	Chainman.
Richard Celler	Axeman.



Final Oaths of Assistants.

We hereby certify that we assisted Omar H. Case
 United States Deputy Surveyor, in surveying
 the exterior boundaries of Townships
 No 21 North Range No 19 West Gila
 and Salt River Base and meridian
 Territory of Arizona

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.

Andrew J. Shupe } Chairman
 Edward J. Payne }
 Richard Keller } Assesses

Subscribed and sworn to before
 me this 6th day of January 1843.

E. C. Wells
 Clerk Dist Court
 3rd Dist Arizona

Final Oath of Deputy Surveyor.

I, Omar H. Case United States
 Deputy Surveyor, do solemnly swear that, in pursuance
 with a contract with John Haeson
 United States Surveyor-General for Arizona, bearing date
 the 29th 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 boundaries of Township N^o 21
 North Range N^o 19 West Gila and
 Salt River Base and meridian Territory
 of Arizona



represented in the foregoing Field Notes as having

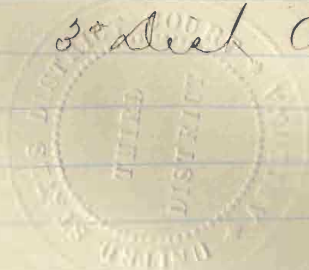
been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and original Field Notes of said Survey.

Ormar H. Case

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

D. C. Jewells
Clerk District Court
3rd Dist. Arizona.



List of Names.

A 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 boundaries of Township No 22 North range # 16 West Gila and Salt River Base and meridian Territory of Arizona

Showing the respective capacities in which they acted.

- | | |
|------------------|-------------|
| | Compassman. |
| Andrew J. Shrope | Chainman. |
| Edward Byrne | Chainman. |
| Richard Celler | Axeman. |



Final Oaths of Assistants.

We hereby certify that we assisted Omar H. Case
 United States Deputy Surveyor, in surveying
 the exterior boundaries of Township
 N^o 22 North Range N^o 1 West Gila
 and Salt River Base and meridian
 Territory of Arizona

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.

Andrew Sloop } Chairman
 Gaudra Payne }
 Richard Keller } Axemen
 } 3

Subscribed ^{as} sworn to before
 me this 5th day of January 18th 1873
 E. C. Wells
 Clerk Dist Court
 3^d Dist. Arizona.

Final Oath of Deputy Surveyor.

I, Omar H Case United States
Deputy Surveyor, do solemnly swear that, in pursuance
with a contract with John Maason
United States Surveyor-General for Arizona, bearing date
the 29th 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 boundaries of Township No 22
North Range No 16 West Gila and
Salt River Base and meridian
Territory of Arizona



represented in the foregoing Field Notes as having

been surveyed under my directions; 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 and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Omar H. Case

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Cocwells
Tert Dist Court
3^d Dist Arizona



List of Names.

A 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 boundaries of Township No 22 North Range No 17 West Gila and Salt River Basins and meridian Territory of Arizona

Showing the respective capacities in which they acted.

	Compassman.
Andrew J. Shrope	Chainman.
Edward Byrne	Chainman.
Richard Celler	Axeman.



been surveyed under my directions; 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 and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Omar L. Chase

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Edgewells
Dist Court
5th Dist Arizona



List of Names.

A 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 boundaries of Township No 22 North range No 18 West Gila and Salt River Basins and meridian Territory of Arizona

Showing the respective capacities in which they acted.

Compassman.

Andrew J. Shrope Chainman.

Edward Byrne Chainman.

Richard Celler Axeman.



Final Oaths of Assistants.

We hereby certify that we assisted Omar H. Case
 United States Deputy Surveyor, in surveying
 the exterior boundaries of Townships
 No 20 North range No 18 West Gila
 and Salt River Basins and meridian
 Territory of Arizona

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.

Andrew Shrap	}	Chainmen
Edward Byrne		
Richard Eller	}	Gagesmen

Subscribed and sworn to before me
 this 6th day of January 1883

W. W. Wells
 Dist. Dist. Court
 3rd Dist. Arizona.

Sworn Oath of Deputy Surveyor.

I, Omar H. Case United States
 Deputy Surveyor, do solemnly swear that, in pursuance
 with a contract with John Masson
 United States Surveyor-General for Arizona, bearing date
 the 29th day of July 1870, 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 boundaries of Townships N^o
 22 North range N^o 18 West Gila
 and Salt River base and meridian
 Territory of Arizona.



represented in the foregoing Field Notes as having

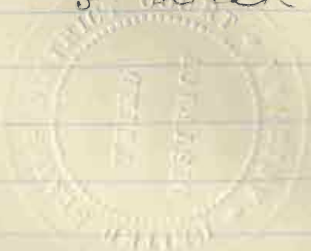
been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Omar H. Case

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Cooveralls
Clerk Dist Court
30th Dist. Arizona



List of Names.

A 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 boundaries of Township T²⁰ N North Range T¹⁷ W West Gila and Salt River Basins and meridian Territory of Arizona

Showing the respective capacities in which they acted.

	Compassman.
Andrew J. Shrope	Chainman.
Edward Byrne	Chainman.
Richard Celler	Axeman.

Final Oaths of Assistants.

We hereby certify that we assisted Omar, H. Case
 United States Deputy Surveyor, in surveying
 the exterior boundaries of Townships
 N^o 23 North Range N^o 17 West Gila
 and Salt River Basins and Meridian
 Territory of Arizona -

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.

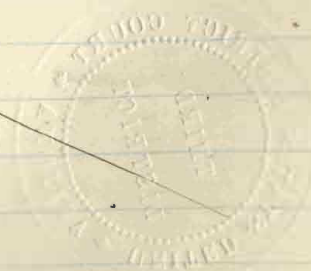
Andrew Shroppe } Chairman
 Edward Payne }
 Richard Keller } Axemen

Subscribed and sworn to before
 me this 6th day of January 1873
 E. C. Wells

Clerk Dist Court
 3rd Dist Arizona.

Final Oath of Deputy Surveyor.

I, Omar H. Case, United States
Deputy Surveyor, do solemnly swear that, in pursuance
with a contract with John Mason
United States Surveyor-General for Arizona, bearing date
the 29th 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 boundaries of Township N^o 20
North Range N^o 7 West Gila and
Salt River Base and meridian
Territory of Arizona



represented in the foregoing Field Notes as having

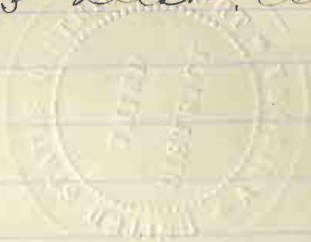
been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Omar Chase

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this
6th day of January 1873

Edgewells
Dist Court
3^d Dist. Arizona.



List of Names.

A 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 western boundaries of Township #23 North range #18 West Gila and Salt River Basins and meridian Territory of Arizona

showing the respective capacities in which they acted.

Compassman.

Andrew J. Shrope Chainman.

Edward Byrne Chainman.

Richard Keller Axeman.

Final Oaths of Assistants.

We hereby certify that we assisted Omar, H. Carr,
United States Deputy Surveyor, in surveying
the Exterior boundaries of Townships
N^o 23 North range N^o 15 West 4th
and Salt river Base and meridian
Territory of Arizona

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.

Andrew Shrope } Chairman
Cedrona Payne }
Richard Keller } Assesses

Subscribed and sworn to before
me this 6th day of January 18th 1873
E. C. Wells
Clerk Dist Court
3rd Dist Arizona.