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1641

Field Notes

BOOK 1641

of the survey of the Exterior
lines of Townships 19 N. range
22 W. and of 20 N. range 22
W. of the Gila and Salt

River Meridian, Arizona.

Executed by D. M. Case,

U. S. Gen. Surv. under his

contract dated Sept 16, 1872.

Survey commenced Jan'y 6, 1873.

Survey completed Jan'y 7, 1873.

1641

1641

BOOK 1641

1641

BOOK 1641

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BOOK 1641

These notes have been abandoned.

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BOOK 1641

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* and *Edward Byron*.

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

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

Field Notes

of the
Exterior Boundaries
of
Township 20 North
Range 22 West
Gila and Salt River
Base and meridian
Territory of Arizona
by
Omar H. Case
Dep U.S. Surveyor

Under his Contract of Sept^r 16th 1872

Survey commenced Jan^y 6th 1873
completed Jan^y 6th 1873

Between ranges 21 and 22 West 3
Townships 20 North

Gila and Salt River meridian

BOOK 1641

ch Begin at the established cor
to Townships 21 North ranges
21 and 22 West on the 5th
Standard Parallel

ist
ers

From which cor I run
East on true line
along the 5th Standard Parallel
Va 15° East

pi 19
d.
in

to establish the closing corner
to Townships 20 North ranges
21 and 22 West

att.

4000 Set a Stone 18 x 12 x 10 ins in a
mound of stone as per
instructions for the closing
corner to Sec 1 and 6 and
to Townships 20 North ranges
21 and 22 West - No trees near.

From this corner I run
South on range line
between Sec 1 and 6
Va 15° East as per

4 Between ranges of 22 West
Township 20 North
Gila and Salt River meridian

Ch Burbs improved Solar Compass
6,00 Entered Wash flow West
10,00 Opposite side and entered
black volcanic land
worthless

BOOK 1641

4,000 Set a Volcanic Stone 10x10x10
ins in a mound of stone
as per instructions for 1/4
Sec cor. No trees near.

X 5,000 Left mesa and entered
Sandy Valley bears to PW
6,400 Arroyo flows N 300 lbs wide
7,100 Entered Volcanic formation
mesa Sande - worthless
bear to PW.

8,000 Set a Stone 16x12x8 ins in a
mound of stone as per
instructions for the cor to Sec
1, 6, 7 and 12. No trees near
Sand volcanic formation
worthless. No timber or

Between ranges 21 and 22 West +55
Township 20 North
Gila and Salt river meridian

42

Ch undergrowth of any kind
BOOK 1641

South between Sec 7 and 12
1/4 15° East

ist
ers

4000 Set a Stone 12 x 10 x 10 ins in
a mound of stone as per
instructions for 1/4 sec cor
No trees near

19
d.
in

4500 Left mesa land entered granite
formation and sandy wash
flowing West

th.

5400 Old road from moss mine to
Hardyville bears S.W.

6200 Left Wash and entered mesa
land bears S.W.

8000 Set a Stone 16 x 10 x 6 ins in a
mound of stone as per
instructions for the cor to Sec
7, 10, 13 and 15. No trees near
Land volcanic formation
Soil worthless - No timber

1

6 Between ranges 21 and 22 West
Lowokrupi 20 North
Gila and Salt River meander

Ch or undergrowth of any
kind

BOOK

BOOK 1641

South between Sics 13 and 18

γ 15° East

4000 Set a Stone 12 x 12 x 12 ins in
a mound of stone as per
instructions for 44 sic cor
No trees near.

8000 Set a Stone 20 x 16 x 10 ins in
a mound of stone as per
instructions for the cor to Sics
13, 18, 19 and 24. No trees near.

Land level volcanic formation
Soil worthless. No timber
or undergrowth of any
kind.

South between Sics 19 and 24

γ 15° East

4000 Set a Stone 10 x 10 x 10 ins in a

Between ranges 21 and 22 West
Township 20 North
Cycla and Salt river meridian

42

Ch mound of stone as per
instructions for 1/4 sec cor
No trees near.

BOOK 1641

6800 Lieutenant Beales old road
bear N. 6 and S. W.

8000 Set a stone 18x10x8 ins in a
mound of stone as per
instructions for the cor to sec
19, 24, 25 and 30. No trees near.
Land sloping West, Soil
worthless volcanic formation
No timber or undergrowth
of any kind.

South between sec 25 and 30
Va 15° east.

1200 Begin ascent of higher mesa

1400 Summit bears S. W.

4000 Set a stone 12x10x10 ins in a
mound of stone as per
instructions for 1/4 sec cor

1

8 Between range 21 and 22 West
 Township 20 North
 Gila and Salt River meridian

Ch No trees near.

6800 Begin descent from higher mesa

7000 Foot of mesa bear to W and
 entered wash flows West

7300 Opposite side of Wash and
 entered mesa land again

8000 Set a Stone 16 x 16 x 14 ins in
 a mound of stone as per
 instructions for the cor to
 Sec 25, 30, 31 & 36. No trees near
 Land mostly level table
 lands, soil worthless
 No timber or undergrowth
 of any kind.

BOOK 1641

South between Sec 31 and 36
 Va 15° East

4000 Set a Stone 12 x 8 x 8 ins in a
 mound of stone as per
 instructions for 1/4 Sec cor
 No trees near.

Between ranges 21 and 22 West
Township 20 North 9
Gila and Salt river meridian

42

Ch

BOOK 1641

8000 Set a Stone 20 x 16 x 14 ins in
a mound with pits as per
instructions for the cor to
Sec 31, 36, 1 and 6 and to
Townships 19 and 20 North
ranges 21 and 22 West.

Land level table lands
Soil worthless. - No timber
or undergrowth of any kind.

Between Township 19 & 20 North
range 22 West
Gila and Salt river meridian

From the cor to Township
19 and 20 North ranges 21
and 22 West

I run

West on true line
between Sec 1 and 36
Va 15° East

1

10

Between Townships 19 and 20 North
range 22 West
Gila and Salt River meridian

4000 Set a Stone $10 \times 10 \times 8$ ins in a
mound of stone as per
instructions for $1/4$ Sec cor
No trees near.

6000 Left mesa and entered Wash
flows SW.

6400 Entered mesa lands again
bear N.E. SW.

8000 Set a Stone $16 \times 14 \times 10$ ins in
a mound of stone as per
instructions for the cor to Secs
1, 2, 35 and 36. No trees near
Land mostly level, Soil
worthless. No timber or
undergrowth of any kind.

West on true line between
Secs 2 and 35

∇ 15° East

4000 Set a Stone $18 \times 10 \times 10$ ins in
a mound of stone as per

Between Townships 19 and 20 North 11
Range 22 West
Gila and Salt river meridians

Ch instructions for $\frac{1}{4}$ sec cor
No trees near. BOOK 1641

8000 Set a Stone $20 \times 10 \times 10$ ins in
a mound of stone as per
instructions for the cor to Secs
2, 3, 34 and 35. No trees near
Sand level, soil worthless
No timber or undergrowth
of any kind.

West on true line between
Sec 3 and 34

$\frac{1}{4}$ a 15° East

4000 Set a Stone $16 \times 14 \times 12$ ins in a
mound of stone as per
instructions for $\frac{1}{4}$ sec cor
No trees near

5000 Set a Stone $10 \times 10 \times 10$ ins in a
mound of stone as per
instructions for the cor to
Secs 3, 4, 33 & 34. No trees near

1
12
Between Townships 19 & 20 North
Range 22 West

Gila and Salt river meridian

Ch Sand level, soil worthless
No timber or undergrowth
of any kind.

BOOK 1641

West on true line between
Sec 4 and 33

$\frac{1}{4}$ a 15° East

1800 Beales old road bear N.W. & S.W.

4000 Set a stone 14 x 8 x 8 in in a
mound with pits as per
instructions for $\frac{1}{4}$ Sec cor
No trees near.

6000 Begin descent of mesa bear N.W.
and S.E.

6400 Entered Bottom of Colorado
river bear N.W. & S.E.

8000 Set a post in a mound with
pits as per instructions for
the cor to Sec. 4, 5, 32 and
33. No trees near.

Sand level, Soil worthless

Between Townships 19 and 20 North
Range 22 West

13

42

Gila and Salt river meridian

Ch on east end of line - 1st & 2nd
rate West - No timber -

BOOK 1641

West on true line between
Secs 5 and 32

Wa 15° East

800 Trail bear N and S

3900 " " N.W. and S.E.

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

4400 Road from Fort Mohave to
Hardyville bears N and S.

4800 Road " " N. S

5000 " " " N. S

6500 Trail bear N.W. & S.E.

8000 Set a post in a mound with
pik as per instruction for the
cor to Secs 5, 6, 31 and 32
No trees near -

Land level, subject to overflow

1
14
Between Townships 19 & 20 North
range 22 West
Gila and Salt river meridian

Ch Soil 1st State. No timber.

Undergrowth Mallow and
arrow wood.

West on true line between
Secs 6 and 31

Ya 15° East

3300 Line intersected Colorado
river flows SE and set
a post in a mound with
picks as per instruction for
the cor to fractional Sec
31 and 6 on the left bank
of the river - a navigable
Stream =

I found no means of
crossing the river. So I
obtained a point on the
opposite bank in the line
between Secs 6 and 31 -
from the above corner I run

Between Townships 19 & 20 North
Range 22 West
Gila and Salt river meridian

15

North 10 chains to a point
from which the observed
point bears $S 65^{\circ} 45' W$
which gives for the distance
across the river on the
line 22, 19 chains =

BOOK 1641

From the corner to fractional
Sec 31 and 36 I surveyed
a traverse line to the West
boundary of the Township
as follows -

I run

$N 30^{\circ} 26' W$ 92.78
chains which gives a
Northing of 80.00 and a
Westing of 47.00 chains to
the cor to Sec 25, 30, 31 and
36 where I set a post in a
a mound with pits at feet

1
16
Between ranges 22 and 23 West
Township 20 North.
Gila and Salt river meridian

Ch instruction for the cor
No trees near.

Thence I run

North on range line
between ranges 22 and 23
West

North between Secs
25 and 30

To 15° East

Line runs along the bank
of the river for the distance of
38,00 chains then entered
dense growth of Willows

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

6,000 Sand leaves Willow and
entered sandbar, Worthless

8,000 Set a post in a mound with
pits as per instruction for the
cor to Secs 19, 24, 25 and 30

BOOK 1641

Between ranges 22 and 23 West
Township 20 North. 17
Gila and Salt river meridian

42

Ch No trees near. Colorado river
flows S about 4 chains N.
Land level Soil 1st and 2nd
rate. No timber. Undergrowth
arrow wood and Willow.

BOOK 1641

North between Secs 19 and

24

$\frac{1}{4}$ a 15° East

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

7,200 Entered mesa land bear NW
and S. E.

7,600 Left mesa and entered sandy
land bears N. E. & S. W.

8,000 Set a post in a mound with
picks as per instructions for
the cor to Secs 13, 18, 19 and 24
No trees near.

Land level Soil 1st and 2nd

1

Between ranges 22 & 23 West
Township 20 North.
18 Gila and Salt River meridian

Ch rate - No timber. Undergrowth
arrow wood and Willow.

BOOK 1641

North between Sec 13 and 18
Ta 15° east

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

4:40 Set a post in a mound
with pits for the corner to
fractional Sec 13 and 18
on the left bank of the
Colorado river a navigable
stream which here runs
S.W. - No trees near

I now cause a flag to be
set on the right bank of the
river and in line between
Sec 13 and 18 =

From the above cor I
run east 10 chains to a

swea
Com
the
do so
of C

Between ranges 22 & 23 West
Township 20 North 19
Gila and Salt river meridian

BOOK 1641

point from which the flag
bears $N 22^{\circ} W$ which gives
the distance across the river
on the line 24, 75 chains =

dist
ers

52X

General description

Only a small portion of
this Township should be
subdivided. The lowlands
are subject to overflow from
the waters of the Colorado
river.

pi 19
id.
an

The mesas are of
volcanic formation and
are worthless. No timber
or undergrowth of any
kind grows upon them.
Subdivisions should commence
at the established cor to Secs
22 and 23 on the South
boundary of Township

1
Between ranges 22° 25 West
29 Lowbetup 20. north
Gila and Salt river meridian

and only cover the arable
lands. The banks of the
Colorado river are constantly
changing. Hardyville
is situated in this
Township.

BOOK 1641
January 6th 1873 Omar Chase
Dep U.S. Surveyor

Omar H. Case Dep U.S. Surveyor

Field Notes
of the
Exterior Boundaries
of
Township N^o 19 North
Range 22 West
Gila and Salt River
Base and meridian
Territory of Arizona
by
Omar H. Case
Dep U.S. Surveyor

Under his Contract of Sept^r 16th 1872

Survey commenced Janry 7th 1873
" completed Janry 7th 1873

Between ranges 21 and 22 West ²⁵
Township 19 North
Gila and Salt river meridian

42

Ch Begin at the established cor
to Township 19 and 20 North
range 21 and 22 West

The corner a stone in a
mound with pits

From which corner
I run

South on range line
between Sec 1 and 6

To 15° East

as per Burts improved solar
Compass

4000 Set a Stone $10 \times 10 \times 8$ ins in a
mound with pits as per
instruction for $\frac{1}{4}$ Sec cor
No trees near.

5000 Arroyo flows S.W. 10 lbs wide

8000 Set a Stone $16 \times 8 \times 8$ ins in a
mound with pits as per
instructions for the cor to
Sec 1, 6, 7 and 12. No trees near.

BOOK
1641

assist
ners

up 19
rd.
in

26 Between ranges 21 and 22 West
Longitude 19 North
Gila and Salt river meridian

Ch Sand level, soil worthless
No timber.

BOOK 1641
South between Secs 7 and 12
Va 15° East

17,50 Arroyo flows West 15 links wide
4000 Set a Stone 10 x 10 x 10 ins in a
mound with pile as per
instructions for 1/4 Sec cor
No trees near

65,00 Arroyo flows West 20 links wide
8000 Set a Stone 16 x 10 x 10 ins in
a mound of stone as per
instructions for the cor to Secs
7, 12, 13 and 18. No trees near.
Sand level - soil worthless
No timber or undergrowth

South between Secs 13 and 18
Va 15° East

29,00 Arroyo flow SW 20 links wide

between ranges 21 and 22 West
Township 19 North
Gila and Salt river meridian

42

4,000 Set a Stone 10x10x10 ins in a mound with pits as per instructions for 1/4 sec cor No trees near.

8,000 Set a Stone 20x8x6 ins in a mound with pits as per instructions for the cor to sec 13, 15, 19 and 24.

No trees near

Land level, Soil worthless, No timber, or undergrowth of any kind.

South between sec 19 and 24
1/4 a 15° East

15,00 Arroyo flows SW. 25 links wide

4,000 Set a Stone 16x10x8 ins in a mound of stone as per instructions for 1/4 sec cor No trees near

8,000 Set a Stone 20x16x16 ins in

BOOK 1641

1
Between ranges 21 and 22 West-
28 Township 19 North
Gila and Salt River meridian

BOOK 1641
Ch a mound of stone as per
instructions for the cor to Secs
19, 24, 25 and 30. No trees near.
Land level. Soil worthless.
No timber or undergrowth
of any kind.

South between Secs 25 and 30
T₁₄ 15° East

13,000 Arroyo flows S.W. 20 lbs wide
4,000 Set a stone 18 x 10 x 10 ins in a
mound of stone as per
instructions for 1/4 Sec cor
No trees near.

8,000 Set a stone 16 x 10 x 10 ins in a
mound with pits as per
instructions for the cor to
Secs 25, 30, 31 and 36.

No trees near.
Land level. Soil worthless.
No timber or undergrowth

Between ranges 21 and 22 West
Township 19 North
Gila and Salt River meridian

29

Ch of any kind

BOOK 1641

South between Sec 31 and 36
Ta 15° East

assist
ners

10,00 Entered rolling lands bear N to
and S.W.

up 19
nd.

19,00 Shallow Wash flows West to the wide

an

21,00 " " " " 10 " "

35,00 " " " " 10 " "

38,00 " " " " 10 " "

40,00 Set a post in a mound with
pins as per instructions for 1/4
Sec cor: No trees near

can.
.
.

44,00 Arroyo flows West 30 links wide

52,00 " " " " 20 " "

73,00 " " " " 10 " "

75,00 " " " " 20 " "

80,00 Set a stone 12 x 10 x 9 ins in
a mound with pins as per
instructions for the cor to
Township 18 and 19 North

1

30
Between ranges 21 and 22 West-
Township 19 North
Gila and Salt river meridian

BOOK 1641

ranges 21 and 22 West-
No trees near-

From this corner the boundary
crosses a mountain range
formerly the boundary
between the United States
and Mexico bears S 68° W
about 3 miles distant-

Q
X

Sand rolling. Soil 3^d rate
No timber-

Between Township 18 & 19 north
range 22 West
Gila and Salt river meridian

start

From the established
cor to Townships 18 and 19
North ranges 21 and 22
West I run

West on true line between
Secs 1 and 36

swec
Com
the

of
of Et

between Township 18 and 19 North
Range 22 West

Gila and Salt River meridian

42

ch Va 15° East

X 1000 Arroyo flow S.W. 20 links wide

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

4500 Arroyo flow S.W. 20 links wide

6000 " " " 25 " "

8000 Set a Stone 9 x 9 x 9 ins in a mound with pits as per instructions for the cor to Sec 1, 2, 35 & 36. No trees near.

Sand Volcanic mesa, sloping West, Soil worthless. No timber.

West on true line between Sec 2 and 35

Va 15° East

1900 Arroyo flow S.W. 20 links wide

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

BOOK 1641

Between Townships 18 and 19 North
Range 20 West
Gila and Salt River meridian

32

Ch Sec cor. No trees near
7500 Broad Shallow Wash flow S.W. 2
chains wide

8000 Set a Stone 8×8 ins in a
mound with pits as per
instructions for the cor to Sec
2, 3, 34 and 35. No trees near
Land level, Soil worthless
No timber or undergrowth
of any kind.

BOOK 1641

West on true line between
Sec 3 and 34

$\frac{1}{4}$ 15° East

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

8000 Set a post in a mound with
pits as per instructions for the
cor to Sec, 3, 4, 33 and 34
No trees near.

between Townships 18 and 19 North
Range 20 West
Gila and Salt River Meridian

42

33

ch Sand level mesa lands. Soil
worthless - No timber -

BOOK 1641

assist
ners

x West on true line between
Secs 4 and 33 -

$\frac{1}{4}$ a to East

3500 arroyo flow S.W. 30 links wide

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

6400 Wagon road bears N.W. $\frac{1}{2}$ S. 6.

6800 bordered arroyo flows S 500 links
wide.

7300 Left arroyo

7500 Entered bottom land on the
Colorado river bears N.W. $\frac{1}{2}$ S. 6.

8000 Set a post in a mound with
pits as per instructions
for the cor to Secs 4, 5, 32
and 33. No trees near.

Sand mostly level mesa lands.

1
34
Between Townships 18 & 19 North
range 22 West
Gila and Salt River meridian

the soil worthless. No timber.

BOOK 1641

West on true line between
Sec 5 and 32

Ya 15° East

400 Entered dense growth of
arrowwood bears N and S

3400 Indian Rancheria North
3 chains

4000 Set a post in a mound with
pegs as per instructions for
1/4 Sec cor. No trees near.

4300 Intersected East boundary
of military reserve for Hay
and Wood for Camp Mohave
bearing N 1° 4' E - forty
seven chains to the N E
corner thereof.

From this cor. that is
the cor. of the military
reserve, the flagstaff at

Between Townships 18 & 19 North
range 20 West
Gila and Salt river meridian

135

Ch Camp Mohave bears $N 10^{\circ}$
 $43' W = 347.50$ chains =

43.00

The point of Intersection of the
Township line with the
military reserve. I set a post up in
in a mound with pits as per
instruction for the corner to
fractional Sec 5 and 32

assist
ners

air

BOOK 1641

I then run $N 1^{\circ} 4' E$

$\backslash a 15^{\circ}$ East

along the military reserve
 47.00 chains to the $N E$ cor
thereof =

The Northing for this distance is 46.98

" Westing " " " " 0.08

I then run $N 88^{\circ} 45' W$

$\backslash a 15^{\circ}$ East

along the military reserve
after adding the Westing of
 08 links to the 43.00 chains

116.92

I intersected West boundary

1
36
Between Townships 18 and 19 North
Range 20 West
Gila and Salt River meridian

Ch of Township and set a post
in a mound with pits as
per instructions for the corner
to fractional Sec 31 and 36
No trees near

BOOK 1641
Land level. Soil 1st rate
No timber, Undergrowth
arrow wood.

The Westing for the distance
46,92 is 46,91.

and the Northing 2,57 ch
which added to the 46,98
chains makes the distance of
49,55 I therefore will have
to run 30,45 chains to
establish the corner to
Secs 25, 30, 31 and 36.

do so
of Ct

Between range 22 and 23 West
Township 19 North
Gila and Salt river meridian

37

42

BOOK 1641

Ch North on range line
between Secs 31 and 36
from the corner to fractional
Secs 31 and 36

assist
ners

To 15° East

up 19

~~10.45~~
~~22.45~~
~~30.45~~

Indian Rancheria east 5 chains

rd.
an

Entered Indian field bear N 67° W

Set a post in a mound with
pits as per instructions for the
cor to Secs 25, 30, 31 and 36
No trees near

Sand level, soil 1st rate
No timber. Undergrowth
arrow wood and mesquite

North between Secs 25 & 30

To 15° East

4.00 Entered arrow wood and
push back brush bear N 67° W

12.00 Indian huts West 4 chains

22.00 Entered Indian field bear E 84°

1

Between ranges 22 & 23 West
38 Township 19 North
Gila and Salt River mountains

BOOK 1641

24,00 Trail bear N.E. and S.W.

36,00 Indian huts line runs
close to them on the West.

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

44,00 Road bears N.E. and S.W.

45,00 Trail " " "

50,00 Entered grass land bear N.E. & S.W.

80,00 Set a post in a mound with
pits as per instruction for
the cor to Secs 19, 24, 25
and 30. No trees near.

Sand level, Soil 1st rate
No timber. Undergrowth
arrow wood and mesquite.

North between Secs 19 & 24
Ta 15° East

550 Hay road bear N.E. & S.W.

22,00 " " " " "

swee
Con
the

do so
of Ct

Between ranges 20 and 23 West
Township 19 North
Gila and Salt River meridians

39

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

assist
ners

4500 Entered dense growth of
arrow wood - bear nearly 6 1/4

up 19

5700 road bears N. 6 and N.

rd.

6000 Indian houses 4 the east

an

6300 Intersected S. 6 boundary of
military reserve of Camp
Mohave and set a post
in a mound with pits as
per instruction for the cor
to fractional Sec 19 and
24. No trees near.

ran.

BOOK 1641

Bearing of S. 6 boundary
N 33° 5' 6" 217 ch. to the
N. 6 corner and 23 chains
to the S. 6, cor of reserve.
No trees near.

Land level, subject to
overflow. Soil 1st rate.

1
Between ranges 22 & 23 West-
40 Township 19 North
Gila and Salt river meridian

No timber - Undergrowth
mesquite and arrow wood

Stop
R.H.D.

No more of the exterior
boundary of this Township
can be run

BOOK 1641

General Description

The arable lands of this
Township are on the bottom
of the Colorado river. The
mesas are of Volcanic formation
worthless. The military
Reserves of Camp Mohave
are partly in this Township.

There is a small quantity of
Timber in the Township mostly
mesquite and Cottonwood.

Jan'y 7th 1873

Omar Chase

Dep U. S. Surveyor

U. S. Surveyor General's Office
 Tucson, A. T. May 12. 1873

BOOK 1641

The foregoing field notes of the
 survey of the Exterior lines
 of townships 19 & 20 N. range
 22 W., of the Gila and Salt
 River Meridian in the Territory
 of Arizona, executed by Omar
 H. Case, U. S. Dep. Surveyor,
 under his contract dated Sept.
 16. 1872, having been critically
 examined, and the necessary
 corrections and explanations
 made, the said field notes
 and the surveys they describe
 are hereby approved.

John Mason
 Surveyor General

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 19 North Range 22 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 19 North Range 22
 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 Shropes } Chairman
 August Bynum }
 Richard Keller } Axemen

Subscribed and sworn to before
 us this 15th day of January 1848

Edw. Wells
 Dist. Court
 3^d Dist. Navajo
 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. Shrope* and
Edward Byrne

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

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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 Townships 20 North Range 20 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 20 North Range 22
 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 Shrope } Chairman
 August Payne }
 Richard Keller } Assesses

Subscribed and Sworn to before
 me this 15th day of January 1843.

E. W. 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 Wasson United States Surveyor-General for Arizona, bearing date the 16th day of Sept. 1872, I have well, faithfully and truly, in my own proper person, and in strict conformity 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 20 North Range 22 West Gila and Salt River Base and meridian Territory of Arizona

as are 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 15th
day of January 1873

E. C. Jewell
Clerk Dist Court
30th Dist Arizona.



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

Andrew Shupe
Edward Byrne

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

Edwards

U. S. Deputy Surveyor.

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 before me, this
6th day of November 1872

C. C. Jewells

~~U. S. Deputy Surveyor.~~

John Dickhaut
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 Hasson* United States Surveyor-General for Arizona, bearing date the 16th day of *Sept* 1872, I have well, faithfully and truly, in my own proper person, and in strict conformity 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 19 North Range 22 West Gila and Salt River Base and meridian Territory of Arizona —

as are represented in the foregoing Field Notes as having



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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.

Cesar Hobbs

U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 15th
day of January 1873

C. C. Jewell
Clerk Dist Court
3rd Dist Arizona



BOOK 1641

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

Andrew Shraper

Edward Byrne

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

C. C. Wells

~~U. S. Deputy Surveyor.~~

Clerk Dist Court
3^d Dist. Arizona.

BOOK 1641

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

C. C. C. C. C.

H. J. Deputy Surveyor.

Clerk Dist Court
3rd 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. Shrapel* and
Edward Byrne

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