

No. 1075

BOOK 1075

Field Notes

of the survey of the Subdivision
lines and Meanders of the Cal-
orado river in Tps. 20 N. range

22 W. of the Gila and

Salt River Meridian, Arizona.

Executed by O. W. Case,

U. S. Dep. Sur., under his con-
tract dated Sept. 16, 1872.

Survey commenced. Jan'y 8, 1873

Survey completed. Jan'y 10, 1873.

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6707

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 Subdivision Lines and meanders of the Colorado river in Townships North range 22 West Gila and 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.

hereby certify that we assisted Omar H. Case
United States Deputy Surveyor, in surveying
the Subdivision Lines and meanders
of the Colorado River in 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
instructions furnished by the Surveyor-General.

Andrew S. Srope } Chairman
Morgan Byrne }
Richard Keller } Taxemen

Subscribed and Sworn to before me
15th day of January 1873-

Edgewells
Deak Dickhaut
3^d Dist. Arizona.

Inscribed No. 1075 IC
Omar H. Case Dep U. S. Surveyor

BOOK 1075

Field Notes
of the
Subdivision Lines
and
Meanders

of the Colorado River
in Township 20 North
Range 22 West

Gila and Salt River
base and meridian

Territory of Arizona
by

Omar H. Case
U. S. Dep Surveyor

Under his Contract of Sept. 16th 1872

Survey commenced Jan'y 8th 1873
completed Jan'y 10th 1873

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4-674.

Township 20 N, R. 22 W, S. 28 S, T. 27 E

6	5	4	3	25	2	1
			*23			
7	8	9	20	10	22	11
		*19	21			
18	13	17	15	16	17	15
12		11	16			
19	11	20	21	22	23	24
9	8					
30	7	29	-	28	27	26
6	4					
31	3	32	1	33	34	35
						36

Meanders pages 27-30

95615m9-01

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Township 20 North Range 20 West
Gila and Salt river meridian

BOOK 1075

1E

As the eastern portion of this Township is under the ruling of the Commissioner of General Land Office referring to waste or useless land as per Circular of instructions of date August 8th 1870 and letter of instructions of date June 23rd 1871 -

I shall not survey that portion of the Township

Begin at the established cor to Sec 32 and 33 on the South boundary of Township.

From which cor:

I run

North between Sec 32 and 33

To 15° East as per

Burds improved solar compass

400 Entered dense growth of mesquite bear N. & S.W.

Township 20 North, Range 22 West
Gila and Salt river meridian

2

Ch
4,000

Set a post in a mound
with pits as per instructions
for 1/4 sec cot. No tree near.

7,500 Entered mesa land bears
N.W. and S.E.

8,000 Set a stone 15 x 10 x 10 in
a mound with pits as per
instructions for the cot: to
Sec 28, 29, 32 & 33. No tree
near.

Land mostly level bottom
land 1st rate for farming
Soil 1st rate. No timber
Undergrowth arrowwood
and mesquite. Subject
to overflow from Waters
of Colorado river.

The Section line here
enters mesa lands unfit
for cultivation destitute

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Township 20 North - Range 22 West
Gila and Salt River meridian

Ch of any kind of vegetation
and therefore I shall not
extend the line any further
North.

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North between Sec 31 and 32
Va 15° East

18,00 Indian Trail bears N.W. & S.E.

29,00 Entered dense growth of
push back brush - bear N.E. & W.

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

43,00 Left push back brush and
entered Willows & Arrowwood
bears S.E.

50,00 Left arrowwood and entered
mesquite brush.

70,00 Left mesquite and entered
grassy cienega bear S.E.

80,00 Set a post in a mound with

Township 20 North - Range 22 West
4 Gila and Salt river meridian

Ch puts as per instructions for
the cor to Secs 29, 30, 31
and 32. No trees near.
Land level, Soil 1 $\frac{1}{2}$ rate
for farming. No timber.
Undergrowth mesquite
arrow wood and Willow.

East on random line
between Secs 29 and 32

Va 15° East

- 19,50 Road from Camp Mohave
to Hardyville bears N.E.S.
26,00 Entered dense growth of
mesquite bears N and S
35,00 Left mesquite and entered
arrow-wood bears N.W. & S.W.
40,00 Set a post for temporary
1/4 Sec cor. As per instructions
64,00 Old road bears N.W. & S.E.
74,00 Entered mesa land

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Township 20 North - Range 22 West
Gila and Salt river meridian

5

Ch worthless - bears N.W. P.S. Co.
8000 Intersected N and S line at
post cor to Sec 28, 29, 30
and 32.

from which cor I run
West on true line between
Sec 29 and 32.

Ca 15° East

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

8000 The cor to Secs 29, 30, 31
and 32.

Land level except 5 chains
on East end of line which
is broken and worthless.

Soil 1st rate for farming.
No timber. Undergrowth
mesquite, arrowwood and
push back brush.

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Township 20 North - Range 22 West
6 Gila and Salt river meridians

BOOK 1075

Ch West on random line
between Sec 30 and 31
Va 15° East

8,00 Left grassy sierra and
entered arrow wood bear
N.W. and S.E.

4000 Set a post for temporary
1/4 Sec cor as per instructions

52,00 Left Arrow wood & entered
Willows bears nearly N.P.S.

53,00 Trail bears N.W. and S.E.

80,10 Intersected West boundary
of Township 30 line North
of post cor - to Sec 30
and 31 from which cor:

Run

N 89° 47' E on true line
between Sec 30 and 31

Va 15° East

40,10 Set a post in a mound
with pins as per instructions

Township 20 North - Range 22 West
Gila and Salt River meridian

Ch for 1/4 Sec cor. No trees near.
8010 The cor to Secs 29, 30, 31
and 32 =

Land level, Soil 1st rate for
farming - subject to overflow
from Colorado river =

No timber - Undergrowth
Willow and arrow wood =

North between Secs 29 and 30
Va 15° East

2,00 Left Cienega and entered
arrow wood = bear S. E. W.

22,00 Left arrow wood and entered
field bear N. W. and S. E.

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

42,00 Smith's house 6,00 chains East

53,50 Left field and entered
arrow wood bears S. E. W.

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Township 20 North, Range 22 West
8 Gila and Salt river meridian

Ch
67,00 Left arrow wood & entered
grassy land bears N.W. & S.E.

72,00 Flay and wood road bears
E and W.

80,00 Set a post in a mound
with pits as per instruction
for the cor to Sec 19, 20, 29
and 30. No trees near.

Land level, Soil 1st and 2^d
rate. No timber. Undergrowth
arrow-wood and Willow.

East on true line
between Secs 20 and 29
Va 15° East.

20,00 Road from Camp Mohave
bears N and S.

28,00 Left bottom land and
entered first bench of
Volcanic mesa bears N.P.S.

40,00 Set a stone 16 x 14 x 12 in in

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Township 20 North, Range 22 West
Gila and Salt River meridian

9

Ch a mound of stone as per
instructions for $\frac{1}{4}$ Sec cor
No trees near.

I did not extend the
Sec line any further on
account of the worthless
character of the land.

West on random line
between Secs 19 and 30
Ta 15° East

9,00 Left grass land and entered
arrow wood bear N.W. & S.E.

21,00 Flay and wood road bears
N.W. and S.E.

40,00 Set a post for temporary $\frac{1}{4}$
Sec cor as per instructions

52,00 Left arrow wood and entered
Willow and aspen bear N.E.

59,00 Left Willow and aspen and
entered arrowwood & Willows

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Township 20 North - Range 22 West
10 Gila and Salt River meridian

Ch of small growth

7000 Left bottom land and
entered sand bar.

8020 Intersected West boundary
of Township at post corner
to Sec. 19 and 30 from
which cor. I run

East on true line
between Sec 19 and 30
Ta 15° East

4020 Set a post in a mound with
pits as per instructions for
 $\frac{1}{4}$ Sec cor. No trees near.

8020 The cor to Sec 19, 20, 29
and 30. Sand level, soil
1st rate. No timber.

Undergrowth arrow wood,
Willow and a few aspens,
and Willow of large
growth near West boundary
of Township.

Township 20 North - Range 22 West
Gila and Salt River Meridian

ch North between Sec 19 & 20
Va 15° East

6,00 Left low bottom land & entered
level land of 2nd class

17,00 Shail bears N, E and West

4,000 Set a Stone 16 x 6 x 6 ins in a
mound with pits as per
instructions for 1/4 Sec cor.
No trees near.

8,000 Set a Stone 10 x 8 x 8 ins in a
mound with pits as per
instructions for the cor to
Sec 17, 18, 19 and 20

No trees near

Land level, Soil 1st & 2nd
rate. No timber. Undergrowth
greasewood =

Janry 8th 1873

East on true line between
Sec 17 and 20

Va 15° East

Township 20 North - range 22 West
12 Gila and Salt river meridian

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Ch
37,00 Road from Hardyville to
Mohave bears N and S

4,000 Set a Stone 16 x 6 x 6 ins in a
mound with pits as per
instructions for 44 Sec cor.
No trees near.

72,00 Entered Volcanic mesa land
bears N, E, and S & W.

8,000 Set a Stone 10 x 10 x 10 ins in
a mound with pits as per
instructions for the cor to
Secs 16, 17, 20 and 21. No
trees near.

Land mostly level. Soil
2nd rate - No timber -
Undergrowth greasewood

West on random line
between Secs 18 and 19
Ya 15° East

4,000 Set a post for temporary

Township 20 North - Range 22 West
Gila and Salt river meridian

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Ch 1/4 Sec cor. as per instructions
74.00 Entered bottom land bear. S. 85.
80.12 Intersected West boundary of
Township at post cor to Secs
18 and 19 from which cor
I run

East on true line between
Secs 18 and 19

$\frac{1}{4}$ a 15° East

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

80.12 The cor to Secs 17, 18, 19 & 20
Land gently sloping West
Soil 2nd rate. No timber
or undergrowth.

North between Secs 17 and 18

$\frac{1}{4}$ a 15° East

4.000 Set a Stone $18 \times 10 \times 8$ ins in a

Township 20 North - Range 22 West
14 Gila and Salt River meridian

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Ch mound with puts as per instructions for 1/4 Sec cor. No trees near.

6300 Set a post in a mound with puts as per instructions on the left bank of the Colorado river for the corner fractional Sec 17 and 18. No trees near.

I now caused the flag to be set on the opposite bank of the river and in the line between Sec 17 and 18.

From the above cor I run due east 10 chains to a point from which the flag bears $N 23^{\circ} 45' W$ which gives the distance across the river on the line 22-72 chains.

Township 20 North - Range 22 West
Gila and Salt river meridian

15

Ch North between Secs 16 and 17
Va 15° East

27,00 Left mesa land entered
bottom land bear Wand N.E.
about 5 chains East.

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

4,100 Entered mesa land bear W.W.

6,100 Left mesa land entered bottom
bear N.E. & S.W.

68,00 Road to Hardyville bears W.W.

70,50 Set a post in a mound with
pits as per instruction for the
corner to fractional Secs
16 and 17 on the left bank
of the Colorado river.
No trees near.

I caused a flag to be set
on the opposite side of the

Township 20 North - Range 22 West -
16 Gila and Salt River meridian

BOOK 1075

Ch river and in the line
between Secs 16 and 17

I now measured a base
east 10 chains to a point
from which the flag bears
 $N 55^{\circ} 15' W$ which gives the
distance across the river
on the line 21, 20 chains.

East on true line between
Secs 16 and 21

\backslash at 15° east

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

4400 Begin descent from mesa
bear N.W.

5700 Entered sandy wash flow N.W.

5900 Left Wash entered mesa
land bear N.W.

Township 20 North - Range 22 West
Gila and Salt river meridian

17

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Ch
8000

Set a Stone 16x10x10 ins in a mound with pits as per instructions for the cor to sec 15, 16, 21, 22. No trees near. Land Volcanic formation level, Soil worthless. No timber.

There is no arable land east of this cor on this line.

From this corner I run.

North between Sec 15 and 16
Ta 15° east

4000

Set a Stone 18x12x8 ins in a mound of stone as per instructions for 1/4 Sec cor. No trees near.

7200

Entered big Wash and left mesa land wash flows N to

Township 20 North. Range 22 West

18

Gila and Salt River meridians

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Ch
8000 Set a Stone. 16 x 10 x 8 in in a mound of stone 3 feet high as per instruction for the cor to Sec 9, 10, 15 and 16. No trees near.

Land mostly level, Soil Volcanic formation worthless. No timber.

West on true line between Sec 9 and 16.

Ca 15° East

1800 Hardyville road to Prescott bears N. 60 and W 50 cents North of line.

3000 Entered the Town of Hardyville Streets bear N.W. and S.E.

4000 Set a Stone 18 x 8 x 8 in in a mound with pits as per instruction. near the centre

Township 20 North - Range 22 West
Gila and Salt river meridian

19

Ch of main Street.

from which

the S. E. cor of Samuel Todd's
building bears West 40 links

The 1st door from South end
of building bears N 74° W 38
links - No trees near.

48.00 Road from Camp Mohave
to Hardyville bears N 65° W

54.00 Set a Stone 10 x 8 x 6 ins in a
mound of stone as per
instructions for the cor to
fractional Sec 9 and 16.

No trees near.

Land level, Soil 2nd rate

No timber.

a West line from this
corner runs down the river
not intersecting the right
bank until near the West

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Township 20 north Range 22 West
20 Gila and Salt river meridian

Ch boundary of Township

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North between Secs 9 and 10

$N 15^{\circ}$ East

1300 Left big Wash flows N.E.

1600 Road from Hardyville to
Prescott bears N. and E.W.

3400 Moss's Mill West of line
10 links

3800 Set a post in a mound
with pits as per instruction
for the cor to fractional
Secs 9 and 10. No trees near

I caused the flag
to be set on the opposite
side of the river in the
line between Secs 9 and 10
and from the above corner
measured due East 10 ch
for a base from which point
the flag bears $N 75^{\circ} 15' W$

Township 20 North - range 22 West
Gila and Salt river meridian

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Ch which gives for the distance
across the river on the
line 36, by chain.

Land level, soil

Sandy worthless. No timber.

January 9th 1873

Went on true line between
Sec 10 and 15

$\frac{1}{4}$ a 15° east

12,00 Entered mesa land bear
N.W. and S.W. worthless

40,00 Set a Stone 18 x 10 x 8 in in
a mound of stone as per
instructions for $\frac{1}{4}$ Sec cor.
No trees near.

58,00 Left mesa entered sandy
wash flows West

64,00 Left wash and entered
sandy land bear S.W.

80,00 Set a Stone 10 x 10 x 10 in in a
mound of stone as per

Township 20 North Range 22 West
22 Gila and Salt river meridian

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Ch instructions for the cor to
Secs 10, 11, 14 and 15.

No trees near
Sand rolling, Soil
worthless volcanic
formation. No timber
on mesa or undergrowth
of any kind - in wash
a few Palosverde.

///

North between Secs 10 & 11
Va 15° east

300 Entered Silver Wash

500 road from mopei mill
to mine bears E & W

follows up Silver Wash

600 Entered mesa land again
bear E & W. worthless

4000 Set a Stone 10 x 10 x 8 ins in
a mound of stone as per
instructions for 1/4 Sec cor

Township 20 North range 22 West
Gila and Salt river meridian

Ch No trees near.

7400 Left mesa bear to SW and
entered Wash flows West

7600 Left Wash and entered
mesa land bear N.W. & E.

8000 Set a Stone 24 x 10 x 8 in in
a mound with pits as per
instructions for the cor to
Secs 2, 3, 10 and 11.

No trees near.

Land mostly level mesa
Soil Volcanic formation
worthless. No timber
or undergrowth of any
kind.

West on true line between
Secs 3 and 10

Va 15° East

3900 Entered valley of Colorado
bears N and S.

Township 20 North Range 22 West
24 Gila and Salt River meridian

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

41,00 Point of mesa about 10 chains North bears N.W.

52,00 Hardyville road bears N.E.S.

57,00 Set a post in a mound with pits as per instructions for the cor to fractional Sec 3 and 10. No trees near. on left bank of Colorado river.

I caused the flag to be set on the right bank of river and in line between Sec 3 and 10.

From the above corner I measured a base due North 10 chains from which point the flag

Township 20 North Range 22 West
Gila and Salt River meridians

25

Ch bears $S 80^{\circ} 05' W - 17, 50$ chains

Land level mostly

Soil 2nd rate. No timber.

Undergrowth mesquite
and greasewood.

North on true line
between Secs 2 and 3

$\frac{1}{4}$ a 15° East

2000 Wash flows N.W.

2400 Opposite side and entered
mesa land worthless bear
N.W. and S.E.

4000 Set a Stone $14 \times 10 \times 8$ ins in
a mound of stone as per
instruction for $\frac{1}{4}$ Sec cor
No trees near.

7600 Entered Wash flow N.W.

8040 Intersected $5 \frac{1}{2}$ Standard
Parallel and Set a Stone
 $24 \times 20 \times 14$ ins in a mound

Township 20 North range 22 West
26 Gila and Salt River meridian

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Ch with pits as per instruction
for the closing corner to
Sec 2 and 3. No trees near.

I run West on the
Standard Parallel and at
40-75 chains reached
the Standard corner to
Sec 34 and 35.

Land level mesa
with abrupt banks
Soil worthless. No
timber.

Township 20 North range 22 West
Gila and Salt river meridian

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Meanders of the left
bank of Colorado River
through the Township.

Begin at the corner to
fractional sec 3 on the
5th Standard Parallel in
the North boundary of the
Township and on the left
and S. W. bank of the river
and run thence down
stream with the meanders
of the left bank of said
river in fractional sec. 3
as follows -

Courses	Distances	To 15° East-
South	18.00 chs	
S 5° N	10.00 "	
S 6° 43' N	52.56	To the cor to fractional Sec 3 and 10 Thence in fractional

Township 20 North Range 22 West
Gila and Salt river meridian

Courses

Distances

Sec 10

S 7° W 2000 chs

S 42° 52' N 30.20 . To the cor to fractional
Sec 9 and 10

Thence in fractional
Sec 9 -

S 40° W 2400 chs

S 63° 05' N 43.18 . To the cor to fractional
Sec 9 and 16 -

a Ferry across the
river and centre of
Hardyville

Thence in fractional
Sec 16 -

S 70° W 2750 chs To the cor to fractional
Sec 16 and 17

+ Thence in fractional
Sec 17 -

river flows straight
from this cor to the
corner to fractional

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Township 20 North Range 22 West
Gila and Salt river meridian

29

courses Distances

Secs 17 and 18

Therefore I run

$84^{\circ} 1/2' W$ 80.50 ch. To the cor to fractional

Secs 17 and 18

Thence in fractional

Sec 18

$86^{\circ} W$ 43.00 ch

$70^{\circ} 41' W$ 39.32 " To the cor to fractional

Secs 13 and 18 at the

West boundary of

Township

From the corner to

fractional Sec 31 on

West boundary of

Township I run

$23^{\circ} 45' E$ 44.00 ch

$36^{\circ} 28' E$ 49.40 " To the cor to fractional

Secs 6 and 31 on the

Township line which

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Township N^o 20 North range 22 West
Gila and Salt river meridian

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completes the
meanders of the Colorado
river in this Township
I did not meander
the right bank as
the river is the
boundary between
two surveying
districts that of
Arizona and
Nevada.

General Description

The arable land of this
Township consists of the
bottom lands of the
Colorado river. The
upland are level mesa
lands of volcanic formation.
No timber or undergrowth
of any kind grows

Township 20 North Range 22 West
Gila and Salt River meridian

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thereon - The bottom lands
are subject to overflow from
the waters of the Colorado
river - The Colorado river
is navigable to the town of
Hardyville during high
water - The banks are low
and numerous sand bars
extend along its left bank
the river bed is constantly
changing rendering
navigation very uncertain
and dangerous

There is not any
timber of worth in the
Township.

Janry 10th 1873

Omar Chase
Dep U. S. Surveyor

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

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The foregoing field notes of the survey of the Subdivision Lines and Meanders of the Colorado river in Townships 20 N. range 22 W. of the Gila & 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 Masson
 Surveyor General

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^r. 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 Subdivision Lines and meanders of the Colorado river in 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

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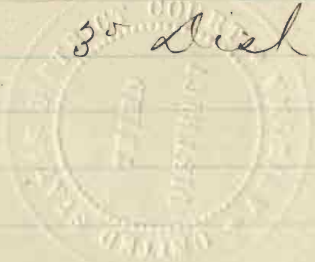
been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Surveying Manual and printed instructions, and that the foregoing are the true and original Field Notes of such Survey.

Ormer H. Case

U. S. Deputy Surveyor.

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

Edgewells
Clerk Dist Court
3rd 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 S. Saper

Edward Byrne

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

C. C. Wells

U. S. Deputy Surveyor.

Chas. S. S. Cook
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

day of November 1872

Cocovells

U. S. Deputy Surveyor.

Clerk Dist Court
3^d Dist Arizona.

