

Received Oct 22. 1890. No 3

Platted. Wopied. x.d. 54

sent to Gen L. O. Dec 14. 1890.

Approved by Com^r

General Land Office

Feb'y 20. 1891

Continued

~~1-611~~

No. 1214

No. 1214

FIELD NOTES

GENERAL LAND OFFICE:

Subdivision Lines
and Meanders.

Trac. Tr. 8. S. R. 21. W.

Contract No 15.

James H. Martinez

Survey Commenced Sept 26th 1890
Survey completed Oct 4. 1890

1214

Concluded from Book 1213.

55

BOOK 1214

(4-674.)

Township 8 S. R. 21 W.

6	71	5	60	4	3	2	1
70	68		56				
7	66	8	9	10	11	12	
65	61						
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

6-389

3 Books

Range 21 West.

(Fractional T. 8 S., R. 21 W., cont^d)

East on random line

bet. Secs. 4 & 9

Va. $13^{\circ}12' E.$

Cov level land

4.00 Set trap $\frac{1}{4}$ Sec. Cov.

80.10 Intersect N. & S. line 26

1/4 Sec. S. of Cov. to Secs. 3, 4, 9

and 10 from which I run

S. $89^{\circ}48' W.$ on true

line between Secs. 4 & 9

with same Va.

0.20 Top of knoll 20 ft high

1.00 Bottom of same knoll, &

enter level bottom land and

enter thick brush.

11.20 Wagon road from Yuma to

Gita City bears S. W.

12.00 Canal 12 ft wide, bears S. W.

314

Subdivision Lines of

40.05

Set Cottonwood post 4 ft long
4 ins square 12 ins, in the
ground for $\frac{1}{4}$ sec. Corner
marked $\frac{1}{4}$ S. on N. face.
Dig pits 18 x 18 x 12 ins E. & W.
of Cor. $5\frac{1}{2}$ ft dist. and
raised mound of earth
 $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft base
around post.

45.26

The left bank of Giles
riv., runs S.W.

Set Cottonwood post 4 ft
long 4 ins. square 12 ins in the
ground for meander cor. to
Sec. 4 & 9 Marked M.C. on W.
T 8 S. S. 4 on N. and
R. 21 W. S. 9 on S. faces.
Dig pit - 3 ft square 1 ft deep
8 lks E. of Cor. and raised on

BOOK 1214
Sp. S. S. Range 21 W.

5-8

Mound of earth 2 ft high $4\frac{1}{2}$ ft base around post.

I now cause a flag to be set on line W. on right-bank, cross the river and set a mesquite post 4 ft long 4^{ins} square 12 ins. in the ground for meander cor. to Secs. 4 & 9

Marked M. C. on E. face

T & S. S. 4 on N. and

R 21 W. S. 9 on S. faces.

Dug pit 3 ft square 1 ft deep 8 Chs N. of cor. and raised mound of earth 2 ft high $4\frac{1}{2}$ ft base around post.

To obtain distance between meander corners, I now measure a base on right-bank N. 18° E. 5.00 Chs, from

59

Subdivision Lines of

the end of which ^{the} meander
post on left bank bears
S. 49° 23' E

By natural sines: -

$$\sin 49^{\circ} 23' : \sin 58^{\circ} 37'$$

$$.759 : .858 :: 57.00 : 57.62 \text{ ch}$$

The distance bet. meander cor-
ners is 57.62 chs. which, added
to 45.26, makes 50.88 chs. to

50.88 Meander post on right-bank
of the river.

61.00 Leave brush

80.10 The cor. to sec. 4. 5. 8 & 9

Land level

Soil 1st rate

No timber. Brush 60.00 chs.

Sat. Sept. 30, 1890

Sp. & S. Range 21 W.

North on random line bet.

Secs. 4 & 5

Va. $13^{\circ}12' E.$

Over ascending land

4:00 Set temp. $\frac{1}{4}$ sec. Cor.

8:30 Intuscet N. boundary

30 lks. N. of Cor. to secs. 4, 5

32, & 33 from which I run

$D. 0^{\circ}12' W.$ on true line

bet. Secs. 4 & 5, with

Same Va.

Over broken & descending
ground,

14:00 Leave hills and enter bottom.

40:30 Set a stone $17 \times 13 \times 11$ ^{ins} 12 ^{ins}

in the ground for $\frac{1}{4}$ sec. Cor,

marked $\frac{1}{4}$ on N. face. Dig

pits N. & S. of cor. $18 \times 18 \times 12$ ^{ins}

Subdivision Lines of

5 1/2 ft dist. and raised
mound of Earth 1 1/2 ft high
3 1/2 ft base along side.

80.30

The Cor. to Secs. 4, 5, 8 & 9

Land ascends to North

Soil 2nd & 3rd rate

No timber

From the cor. to Secs. 7, 8, 17

& 18 I run

East on random line

bet. Secs. 8 and 17

Var. 13° 12' E.

Over level land

40.00 Set temp. 1/4 sec. Cor.

79.90 Interscet N. & S. line to the

S. of cor. to Secs. 8, 9, 16 & 17

from which I run

Sp. & S. Range 21 W.

S. $89^{\circ}54'$ W. on true line
between Secs. 8 & 17, with
Some Va.

5.00 Over small knoll, a center
level land, and ~~across~~ ^{a cloth} brush.

12.6.35 Southern Pacific R.R. bears
S. W. Enter thick brush.
High pile on left of line 1.00 ch.

39.95 Set cottonwood post 4 ft
long 4 ins. square 12 ins. in the
ground for $\frac{1}{4}$ Sec. Corner,
marked $\frac{1}{4}$ S' on N. face.

Dug pits $18 \times 18 \times 12$ ins E & W,
of Cor. $5\frac{1}{2}$ ft dist. & raised
a mound of earth $1\frac{1}{2}$ ft high
 $4\frac{1}{2}$ ft base around post.

65.04 Left bank of Gila river,
runs S. W.

Set a Cottonwood post 4 ft
long 4 ins. square, with charred

Subdivision Lines of Sp.

end, 12 ins. in the ground
for meander Cor. to sec. 8 & 17
marked M. C. on W. face
T. & S. S. & on N.

R. 21 W. S. 17 on S. face

Dug a pit 3 ft square 1 ft deep
& lbs. E. of Cor. and raised
a mound of earth 2 ft high &
4 1/2 ft base around post.

I send a flag across river &
set it on line W. on right
bank of river, and measure
a base 51.38° W. 47.00 chs. from
the end of which the flag
bears N. $37^{\circ} 58'$ W.

By Natural Sines:-

$$\sin 52^{\circ} 2' : \sin 75^{\circ} 58'$$

$$.788 : 9.70 :: 4.00 : 4.92$$

4.92^{chs} is therefore distance bet.

S. S. Range 21 W.

meander post and flag. At
 69.96 flag point I set a mesquite
 post 4 ft long 4 ins. square, 12
 ins. in the ground for meander
 cor. to Sec. 8 & 14, marked
 M. C. on E. face
 T 8 S, S. 8 on W, and
 R. 21 W, S. 14 on S. face.

Dug pit - 3 ft square 1 ft deep
 8 lbs W. of cor. and raised
 mound of earth 2 ft high
 4 1/2 ft base around post.

70.90 Road bears S. W & N. E.

70.20 Ascend steep hill 20 ft high

70.60 Top of same hill, & descend.

72.60 foot of same hill, enter
 level land

78.60 reach foot of rocky point
 bears N. W & S. E.

Subdivision Lines of

79.90 The Cor. to Secs. 7, 8, 17 & 18
 Land generally level
 Soil 1st rate in bottoms
 No timber, Heavy brush
 70.00 Chs. rocky & broken 9.60

From Cor. to Secs. 7, 8, 17 & 18
 I run West on random line
 bet Secs. 7 and 18
 Va. $13^{\circ} 12' E.$

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

7970 Intersect N. boundary
 30 lks. N. of Cor. to Secs. 7 &
 18 which is a stone marked
 with 4 notches on S. & 2 notches
 on N. Edges and mound
 of stone alongside, from
 which I run

Sp. S. R. 21 W.

66

N. $89^{\circ}48'$ E. on true line
bet. Acs. 7 & 18, with
same va.

39.70 Over hilly ground slopes S,
Set Stone $15 \times 14 \times 8$ ins, 10 ^{ins}
in the ground for $\frac{1}{4}$ sec. Cor,
Marked $\frac{1}{4}$ on N. face, and
raised mound of Stone $1\frac{1}{2}$
ft high 2 ft base alongside.

79.70 Pits impracticable.
The cor. to Acs. 7, 8, 17, & 18
Land mostly level
Soil 3rd rate, sandy and gravelly
no timber

North between Acs. 7 & 8

Va. $13^{\circ}12'$ E.

Over broken & hilly land,
Ascending.

0.60 To bottom of knoll, entire
level land

7.00 Cross level land, a foot of hill.

Subdivision Lines of

- 29.00 Top of hill 5'00 ft high, bears
N. W. & S. E. Descend
- 37.00 Bottom of hollow, drains S. E.
40.00 Set Stone 15 x 14 x 10 ins. 10ⁱⁿ
in the ground for $\frac{1}{4}$ sec. Cor.
Marked $\frac{1}{4}$ on W. face. ~~Set~~
~~pits 18 x 18 x 12 ins. N. & S. of~~
~~Cor. 5 $\frac{1}{2}$ ft dist. & raised~~
mound of stone $1\frac{1}{2}$ ft high
2 ft base along side. P
Ascend and cross hilly &
broken ground
- 80.00 Set Stone 17 x 16 x 9 ins. 12ⁱⁿ
in the ground for Cor. to Secs.
5, 6, 7 & 8 near bottom of
hollow runs S. E. and
Marked Stone 5' notches on
S. and 5' notches on E. edges
and raised mound of stone

Sp. & S. Range 21 W.

1 1/2 ft high 2 ft base along side.
Pits impracticable.

Land mountainous & overh.

Soil very poor & stony

No timber.

Indications of glacier washing
in several gulleys.

East on random line
between sec. 5 & 8

Na. 13.25[±] E

A change in magnetic va,
is probably due to mineral
in these rocky hills.

Over mountainous land,
ridges & gulleys which bears
S. E.

40.00 Set temp. 1/4 sec. cor.

69

Subdivision Lines of

80.04 Intusect N. & S. line rocks
S. of cor. to Secs. 4, 5, 8 & 9
from which I run

S. $89^{\circ} 57'$ W. on true line
between Secs. 5 & 8, with
Same Va.

40.02 Set Sandstone $16 \times 12 \times 9$ ins
12 ins. in the ground for $\frac{1}{4}$
Sec. Cor. marked $\frac{1}{4}$ on N.
face, and raised mound
of stone $1\frac{1}{2}$ ft high 2 ft base
alongside. Pits impracticable.

80.04 The Cor. to Secs. 5, 6, 7 & 8
Land mountainous 80.04 Chs
Soil very poor & stony
No timber.

Jp. S South R. 21 W.

West on random line
bet. Secs. 6 & 7

Va. $13^{\circ}25'E$.

Over very broken ground.

40.00 Set temp. $\frac{1}{4}$ sec. Cor.

79.75 Interset W. boundary 34
lks N. of Cor. to Secs. 6, 7, 1
and 2, from which I run
N. $89^{\circ}39'$ East on true
line bet. Secs. 6 & 7, with
same Va.

39.75 Set stone $18 \times 14 \times 11$ ins. $1\frac{1}{2}$ in
in the ground for $\frac{1}{4}$ sec. Cor,
marked $\frac{1}{4}$ on N. side, and
raised mound of stone $1\frac{1}{2}$ ft
high 2 ft base alongside.
Pits impracticable.

79.75 The Cor. to Secs. 5, 6, 7 & 8

71

Subdivision Lines of Sp.

Land mountains 79.75 ch.

Soil very poor, - rocky
No timberNorth on random line
bet. Secs. 5 & 6Va. $13^{\circ} 25' E$.

Over mountainous land

40.00 Set temp. $\frac{1}{4}$ sec. Cor.80.40 Intersect N. boundary 10 lbs
W. of Cor. W Secs. 5, 6, 31 & 32

from which I run

 $S. 0^{\circ} 4' W$. on true line
between Secs. 5 & 6, with

Same Va.

40.40 Set stone $17 \times 16 \times 10$ ins. $\frac{1}{2}$ ins.
in the ground for $\frac{1}{4}$ sec. Cor.
marked $\frac{1}{4}$ on W. face,

S. S. Range 21 N.

~~Big pits 15 x 15 x 12 ins. N. & S
of cor. 5 1/2 ft dist. and ^{and}
raised mound of stone
1 1/2 ft high 2 ft base
alongside. Pits imprac-
-ticable.~~

~~Land mountainous 80.40 ch.~~

~~Soil very poor & stony
No timber.~~

Oct. 1, 1890

80.40 The cor. to Secs. 5, 6, 7 & 8.

Land mountainous 80.40 ch.

Soil very poor & stony
No timber.

Oct. 1, 1890

Fractional
Meandus in T₈ S₇ & South

Meandus of the Left Bank of
the Gila River, down stream.

I commence at the Meander
Corner to fractional Secs. 12
and 7 on the East boundary
of the Township, which is a
redwood post 4 ft long 4 ins.
square marked M. C. on N.

T₈ S₇ S. 7 on E.

R. 21 W. S. 12 on W

and M. C. on S. face, with
a pit 3 ft square 1 ft deep 8 lks
S. of cor. and mound of earth
2 ft high 4 1/2 ft base around
post.

At 8 a.m. the variation
is 13° 12' E. Thence I run

P. 21 W

with meandus in Sec. 12

Na. $13^{\circ}12'E$.

Bank 4 ft high

N. $48^{\circ}37'W$. 10.20 chs. W

meander cov. to frac. $\frac{1}{2}$ Secs

1 & 12.

Land along river bank level

Soil rich loam,

No timber but a few young
Cottonwoods, and thick willow
brush 7.00 chs.

Fence in Sec. 1.

Na. $13^{\circ}12'E$.

In dense brush and mesquite
and screw bean thickets.

N. $54^{\circ}8'W$. 6.00 chs. Bank 8 ft high

N. $50^{\circ}W$. 23.00 " " " "

Range 21 W.

Land level, subject to overflow
 Soil 2nd rate, sandy
 No timber, except scattering
 Cottonwoods and some mesquite.
 Dense brush 58.00 chs.

Thence in Sec. 3,

N. 19° 12' E.

Indense brush and scattering
 Cottonwoods.

N. 47° 40' W. 48.00 chs. Banker 4 ft high
 at 6.00th center

N. 63° 25' W. 19.00 " abrush

S. 77° 52' W. 19.00 " In brush,

S. 69° W. 10.00 " " " "

96.00 " To meander

cor. to frac^c Secs. 3 & 4

Land level and subject to
 overflow 10 ft deep.

44

Meander in Tps. 8 & 9.

Soil 1st rate & 3^d rate

No timber except few scattered
Cottonwoods. Dense brush

90.00 Chs.

Thina in Sec. 4

(Va. 13° 12' E.

In dense brush of willows and
small cottonwoods.

S. 61° 10' W. 48.00 Chs.

S. 19° 00' W. 11.00 "

59.00 " to Meander

Cor. to frac^l Secs. 4 & 9.

Land level, subject to overflow
10 to 12 ft deep as shown by
drift on trees.

Soil 1st rate

No timber except a few

Range 21 West

Cottonwoods. Dense brush of
small cottonwoods and willows
and screw bean 5-9.00 chs.

Fence in Sec. 9

N. $13^{\circ} 12'$ E.

In dense willows.

South 6.70 chs.

S. $18^{\circ} 20'$ W. 25.00 "

S. $24^{\circ} 26'$ W. 22.00 "

S. $49^{\circ} 50'$ W. 10.00 "

S. $80^{\circ} 50'$ W. 3.50 "

N. $87^{\circ} 20'$ W. 3.00 "

N. $69^{\circ} 20'$ W. 4.00 "

74.20 " to Meander Cor.

to frac^l Secs. 8 & 9

Land level. Subject to overflow

Soil 1st rate. Loamy

No timber except a few

79

Meander in Sec. 8, S.

Scattered Cottonwoods, Dense
Willow & mesquite brush 74.20 chs
Oct. 2, 1890.

Thena in Sec. 8,

(Va. 13° 12' E,

In thick willows and mesquite
Wrest 7.30 chs.

S. 72° W. 53.00 chs.

S. 43° W. 10.80. "

71.10 " to meander cor.
to fracⁿ Secs. 8 & 14

Land level

Soil 1st rate

No timber, but dense brush

71.10 Chs. The entire line is

subject to overflow of from

10 to 15 feet depth.

R. 21 West

BOOK 1214

80

Thine in Dec. 17

Va. 13° 12' E

In thick willows & mesquite
S. 38° 30' W. 23.70 chs. to
meander Cor. to fract- Secs.
17 & 18.

Land level

Soil 1st rate

No timber except a few
Cottonwoods and mesquites
Dense brush 23.70 chs.

Thine in Dec. 18

Va. 13° 12' E.

through heavy thickets of
Willows, mesquite and
Sew bean

Meanders in Sp. & S.

West 2.00 chs.

S. 87° W. 6.00 "

S. 32° W. 9.00 "

S. 18° W. 48.00 "

S. 51° 30' W. 12.50 "

77.50 on direct line, then

N. 58° 47' W. 26.10 "

103.60 " to meander cor.

on W. boundary of Sp. & S. R. 21 W.

Land level & subject to overflow

Soil 1st rateNo timber except a few scattered
Cottonwoods and small mesquite.

Dense brush 103.60 Chs.

The entire line of left bank
except a very few chains
is subject to overflow, in
some places to a depth of
12 to 15 feet.

Range 21 West

Entire length of meander
lines on left bank is
8^m 44.90 Chs., of which 37^m 79.80 Chs
are in dense brush.

Thence in Sec. 19
in thick brush

Var. 13° 12' 8"

S. 50° W. 8.40 Chs.

West 4.40 "

N. 58.27' W. 10.40 "

23.20 chs to

Meander Cor. to frac^l Sec.
18 & 19

Land level

Soil 1st rate

No timber, dense brush

23.10 Chs.

Meandus in Tps. 8 & 9.

Meandus on Right Bank
of Gila River, up stream.

I commence at the place for
meander cor. to Secs. 18 & 13 on
West boundary, a post marked
N. E. on S. face, and thence
I run with meandus in Sec. 18

N. $13^{\circ}12'8''$.

S. $58^{\circ}47'8''$. 35.40 chs, and again,

N. $50^{\circ}8''$. 16.00 chs.

N. $19^{\circ}8''$. 50.00 "

N. $30^{\circ}8''$. 10.00 "

N. $80^{\circ}8''$. 7.00 "

East 4.40 "

123.10 chs. to Meander.

Cor. to frac^t Secs. 17 & 18

Land level

Soil 1st rate.

R. 21 W.

No timber, except a few cotton-woods. Dense brush 123.70

Thence in Sec. 19

Va. $13^{\circ}12'E$.

In dense brush

S. $58^{\circ}E$. 2.00 chs.

East 1.00 "

N. $50^{\circ}E$. 170 " = 470 chs. to flag
and mean. cor to frac^t Sec

18 x 19.

Land level

Soil 2^d rate sandy

No timber. Heavy brush 470 chs

Thence in Sec. 17

Va. $13^{\circ}12'E$

N. $38^{\circ}32'E$. 16.00 chs to mean. cor
to frac^t Sec. to 8 x 14.

Meander in Sp. 8 S.

Land on N. side, broken

Soil 2^d rate

No timber, but a few cottonwoods

Dense brush 16.00 chs

Thence in Sec 8,

Va. 13° 12' E.

In dense brush of Mesquite & willow

N. 39° E 15.00 chs.

N. 68° E. 58.00 "

East $\frac{6.80}{79.80}$ " W Meas. Cor. to
frac^l Secs. 8 & 9.

Land level

Soil 3^d rate, sandyNo timber except scattered
cottonwoods. Dense brush 79.80 chs.

Oct. 3. 1890

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Thence in Sec. 9

Na. $13^{\circ}12' E.$

In dense brush, willows & mesquite.

S. $60^{\circ} E.$ 3.70 chs

N. $80^{\circ}35' E.$ 3.00 "

N. $49^{\circ}52' E.$ 8.50 chs "

N. $24^{\circ}30' E.$ 20.00 "

N. $18^{\circ}20' E.$ 26.00 " to mean. cor,

to frac^{1/2} 61.20 sec. 4 & 9.

Land level

Soil 3rd rate, sandy

No timber, except some cottonwood

Dense brush 61.20 chs.

Thence in Sec. 4

Na. $13^{\circ}12' E.$

N. $18^{\circ}20' E.$ 13.00 chs

N. $60^{\circ} E.$ 50.00 "

N. $67^{\circ}48' E.$ 3.90 " to mean. cor,
66.90

87

Meander in Sp. 8 S.

to frac¹/₂ Secs. 3 & 4

Land level

Soil 3^d rate. Sandy

No timber, except a few cottonwoods

Dense brush of willows & thorns

66.90 Chs

Thine in Sec. 3

Va. 13° 12' E.

In dense brush, thorns & willows.

N. 67° E. 11.00 Chs.

N. 75° 20' E. 16.00 "

S. 65° E. 20.00 "

S. 49° 4' E. 47.50 to Mean. Cor. to

frac¹/₂ Secs. 2 & 3Land level & subject to overflow 5 ft
deepSoil 1st rate

No timber, except a few cottonwoods.

Range 21 West

Dense brush 94.50 chs.

Three in Sec. 2

Na. 13° 12' E.

In dense brush

N. 58° E. 14.00 chs

N. 60° E. 16.00 "

N. 77° E. 20.00 "

S. 85° 6' E. 35.00 " to mean. Cor.

to frac. $\frac{85.00}{2}$ " Secs. 1 & 2

Land level, and subject to overflow

5' to 8 ft deep.

Soil 1st rate

No timber except scattering

cottonwoods. Dense brush 85.00^{chs}

Three in Sec. 1

Na. 13° 12' E.

Through dense brush.

89

Meanders in Sp. & S.

N. 69° E.	10.00	chs.
N. 10° 15' E	45.00	"
S. 86° 20' E.	10.00	"
S. 30° E.	18.00	"
S. 24° 30' E.	33.00	"
S. 50° E.	20.00	"
S. 52° E.	10.00	" leave brush
S. 63° 16' E.	7.90	" to meander
corner to	153.90	" fractional
actions 1 1/2.		

Land level, & subject to be
overflowed from 5' to 8 ft deep.

Soil 2nd rate.

No timber, except a few scattering
Cottonwoods. Dense brush

136.00 Chs.

Total length of meanders on
right bank = 8^m 45.10 chs. of

Range 21 West. 90

which 8^m 27.20 chs. are in brush.
 Add to this 8^m 44.70 chs total
 meanders on left bank, of
 which 7^m 79.80 chs. are in
 brush, the total is:—

Total length of meanders on
 both banks 17^m 9.80 chs
 In brush 16^m 26.90

Oct. 4, 1890

General Description
 This Township contains
 all kinds of land, from plain
 to mountainous, there being
 portions of two groups of
 mountains within this
 Township, namely, the

Gila Mts. in the S. E. part, and a low, rocky group in the N. W. and along the north boundary. The bottoms are generally good land, alkaline in places, and generally covered with heavy growth of mesquite, arrowwood and willow brush, which is very dense in the bottoms along the river. No timber is found, except scattering cottonwoods along the river. The only water in the Township is that in the Gila river, which is sometimes dry for three months in summer, but at the date of this survey and during all summer a large stream has constantly flowed

into the Colorado near Yuma. Mr. Unthank has a pumping plant in sec. 31 and a steam pump is located in sec. 19 neither of them being yet in use. A canal heads a few chains below Gila city but has been dry all summer. The Southern Pacific R. R. runs through the township from N. E. to S. W. Gila city is a small Rail road station with 8 or 10 families of Mexicans, who mostly subsist by placer mining in the foot hills of the mountains on each side of the river. About 1200 acres have been cleared of brush by A. W.

Unthank and Mr. Williams,
The latter has an adobe house
in Dec. 19. The south side of the
Township is bordered by a high
level mesa or plateau, about
70 feet above the general level
of the Township, extending south
west to the Gulf of California,
and if water can be obtained
for irrigation by boring would
be admirably adapted to the
cultivation of Oranges, Lemons,
Dates and other fruit.

There are indications of gold
in both groups of mountains,
and preparations are now
being made to work them
extensively by a San Fran-
cisco Company, which is

represented on the ground
by Mr. Haraszthy.

James H. Mattineau

U. S. Deputy Surveyor

Fresno Oct. 22. 1890

A List of the Names of Individuals emplo

James H Martineau U. S.
surveyor, to assist in running, measuring, or marking t
and corners described in the foregoing Field Notes of the
of Fractional Township 8 N
Range 21 West, of the Gi
& Salt river Meridian
Territory of Arizona.

Showing the respective capacities in which they acted.

- Joseph R. Ochoa Cha
- Joseph Weininger Cha
- Francisco Amavisca Axa
- Antonio Contreras A



Final Oath of Assistants.

We hereby certify that we assisted James H. Martineau U. S. Deputy Surveyor, in surveying

all those parts or portions of Fractional Township 8 South, Range 21 West, of the Gila & Salt River Meridian, Arizona.

as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed and the corner monuments established according to the instructions furnished by the United States Surveyor-General for Arizona.

Joseph B. Oelwa Chairman.

Joe Herlinger Chairman.

Francis Amavisca Axeman.

Antonio Contreras ^{Assistant} Flagman.

Sworn to and subscribed before me, this 5th day of

October, 1891

Adam Publice

Final Oath of Deputy Surveyor.

96

1. James H. Martineau

U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from ~~John Wasson~~ ^{Royal A. Johnson}, United States Surveyor-General for Arizona, bearing date the 18th

day of July 1890, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor-General for Arizona, the Surveying Manual, and the laws of the United States, surveyed all those parts or portions of

Fractional Township 8
South, Range 21 West of
the Gila & Salt River
Meridian in Arizona

as are represented

in the foregoing Field Notes as having been surveyed by me and under my direction; 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, printed instructions, the special instructions of the United States Surveyor-General for Arizona, and in the specific manner described in the

field notes, and that the foregoing are the true Field Notes of such survey, and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846

James H. Martineau
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 22nd day of
Oct ~~22~~, 1880

Wm. A. Johnson
U. S. Surveyor General
Dist of Arizona

BOOK 1214

U. S. Surveyor-General's Office,

TUCSON, A. T.

Dec 19^d 1890.

The foregoing Field Notes of the Surveys of

The Meanders and
Subdivision Lines of Trac.

Tp. 8. South. R. 21. West

Book 2737

Gila and Salt River Meridian

in Arizona

executed by

James H. Martineau

U. S. Deputy Surveyor, under his contract dated

June 30. 1890. (No 157)

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Raymond S. Johnson

U. S. Surveyor-General
for the Territory of Arizona.

U. S. Surveyor-General's Office,

TUCSON, A. T.

Dec 19^d 1890.

The foregoing Field Notes of the Surveys of
 The Meanders and
 Subdivision Lines of Trac.
 T^p. 8. South. R 21. West

Book 2437

Gila and Salt River Meridian

in Arizona

executed by

James H. Mathewson

U. S. Deputy Surveyor, under his contract dated

June 30. 1890. (No 157)

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

Reuben S. Johnson

U. S. Surveyor-General
 for the Territory of Arizona.