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1.

No. 663

BOOK 663

Fractional

4-671

663

FIELD NOTES
GENERAL LAND OFFICE.

*Subdivision of
Meanders of
T. 6 S. R. 28 E.*

No. 663

BOOK 663

Field Notes,
of the Survey of the
Subdivisions And Meander Lines,
of
Fractional Township 6 S. R. 28 E.
of the
Principal Base And Meridian,
in the
Territory of Arizona.
Alfred L. Trippe,
U. S. Deputy Surveyor,
As Surveyed by
Philip Coutzen,
Compassman
under Contract No. 29,
dated June 17, 1893.

Survey Commenced, Dec. 14, 1895
Survey Completed, Dec. 17, 1895.

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(4-674.)

Township 6 SOUTH. 28. E.

BOOK 663

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

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Meanders of Gila River. Pages 14 to 17.

Subdivisions.

chains . At the Cor. of Secs. 5, 6, 31 & 32, Tps. 6th & 7th S. R. 28 E. as recently established by me and here in before described, in Lat. $32^{\circ}52'N$. Long. $109^{\circ}29'W$. December 14. at $8^{\frac{1}{2}}^{30}$ a.m., l. m. t., I set off $32^{\circ}52'$ on the lat. arc. $23^{\circ}11'S$. on the decl. arc and determine a true meridian with the Solar.

December 14, 1895

The eastern portion of this township being mostly unsurveyable, therefore I commence at cor. of secs. 5, 6, 31 and 32, Tps. 6 & 7 S. R. 28 E. and run

$N 0^{\circ}3'W$. bet. Secs. 31st & 32.

Var. $12^{\circ}32'E$.

over mountainous land, ascend

1.00 Trail, trans. E. & W.

1.10 Top, trans. E & W; descend

J. G. S. R. 28. E.

chs. 3.25	Bottom, dry wash 10 lks. wide flows. W., ascend
5.80	Top. trans. E. + W., descend
7.00	Bottom + ascend
9.10	Top, trans. E. + W., descend
9.19	S.E. Cor. of Sister Molina's Home trans N 45° 15' W 40. chs. dist.
16.17	Enter Bottom
16.53	Dry wash, 50 lks. wide, flows W.
17.10	Begin ascent
21.60	Top. along W. Slope of Mountain
28.88	Begin descent along W. Slope of bluff
36.20	Enter bottom
36.80	Dry wash, 50 lks. wide, flows. W.
37.50	Begin ascent.
40.00	Set a malpais Stone 20x12x6 ins. 15 ins. in the ground, for 1/4 Sec Cor., marked 1/4 on W. face, & raise a mound of stone 2 ft. <small>(high)</small>

Subdivisions.

- Chairs 1 1/2 ft. high, W. of Cor.
Pits impracticable.
A Mesquite 6 ins. diam. bears
S 27 1/2° W 214 lks. dist.
Marked 1/4 S B.T.
- 40.50 No other trees within limits
Top, thence along bank of Gila River
- 71.30 Left Bank of Gila River
A Malpais rock in place
20 x 15 ins. 6 ins. above ground
for Meander Cor of fracill. Secs.
31st & 32 Marked with
Cross. M.C. N. of Cross. with
1 groove on S. of cross. and
raise a mound of Stone 2
ft. base, 1 1/2 ft. high, S. of Cor.
Pits impracticable
- 80.00 Paint falls in bed of Gila River
- 80.50 A Malpais rock in place
18 x 12 ins. 10 ins. above ground,

T. 6. S. R. 28. E.

chains

witness to
 for ^{W.C.} Cor. of Secs. 29, 30, 31 & 32
 marked with a cross, and
 T. 6. S. on N.E. and
 R. 28. E. on S.E. faces, with 1 groove
 on S. and 5 grooves on E sides
 of cross, and raise a mound
 of stone 2 ft. base, 1 1/2 ft. high
 W. of Cor. spils impracticable
 Land Mountainous
 Soil, stony, 4th rate
 No timber.
 Mountainous land. 80. chains.

From true cor. point to secs 29, 30, 31 & 32
^{Sp. 1/2} West, on a random line
 bet. Secs. 30th & 31.

40.00 Set temp. 1/4 Sec. Cor.
 78.06 Intersct W. bdy of Sp. at
 5 lks. S of Cor. of Secs. 25, 30
 31 & 36. Hereinbefore described

Subdivisions.

- | | |
|--------|--|
| chains | Thence I run
189°58'E. on a true line
bet. Secs. 30. ^{2d} & 31.
over level mesa |
| 21.20 | Trail, bears N.W. & S.E. |
| 38.06 | Set a Malpais Stone 18x15x10 in
12 ins. in the ground. for 1/4 Sec.
Cor. marked 1/4 on N. face; ^{and}
raise a mound of stone 2 ft.
base, 1 1/2 ft. high, N. of Cor.
Pits impracticable |
| 57.00 | Begin descent, bears N.N.W. & S.S.E. |
| 60.20 | Enter bottom |
| 61.10 | Dry wash, 10 lks. wide, flows S.E. |
| 64.00 | Enter dense, mesquite undergrowth
bears N.E.S. |
| 65.37 | Dry wash, 14 lks. wide, flows S.E. |
| 68.50 | Leaves dense mesquite undergrowth
bears N.E.S. |

T. 6. S. R. 28. E.

- chs.
71.16 Canal, 30 lks. wide flows S. S. W.
- 73.80 Set a Malpais Stone 20x15x6 ins
15 ins. in the ground, for Meander
Cor. of fractl Secs. 30nd & 31.
Marked M.C. on E. with 1
grooves on S. faces. -
A Cottonwood 18 ins. diam. trans.
S. 2° E 32 lks. dist. marked
T. 6. S. R. 28. E. S. 31. M.C. B.S.
- A Juno 6 ins. diam. trans
N 30½° W 169 lks. dist. marked
T. 6. S. R. 28 E. S. 30. M.C. B.S.
- 75.25 Ditch, 12 lks. wide, flows S.
- 78.06 The Cor. of Secs. 29, 30, 31, & 32
50 lks. S. of Wiltruss Cor.
Land level + rolling
Soil, Sandy loam, 1st rate
Timber, Mesquite
Dense Mesquite undergrowth 4.50 chs.
December, 14, 1895
- note: - Land N. and E. is impracticable
to survey

Subdivisions.

- Chairs December 16, at 8^h 5^m a. m. M. L. S.
 I set off $32^{\circ}55'$ on the lat arc
 $23^{\circ}17'$ S. on the decl. arc, and
 determine a true meridian with
 the Solar. at the Cor. of Secs.
 7. 12. 13rd 18. as recently est-
 ablished by me. and
 hereinbefore described. -
 Thence I run
 E. on a true line
 bet. Secs. 7th & 18.
 over Mountainous land, descend
 12.00 Bottom of Gulch. flows S. E.
 13.00 ascend
 21.00 Tap, bears. N. N. W. + S. S. E.
 21.50 descend
 26.00 Gulch flows S. by E.
 28.00 ascend
 37.79 Set a malpais Stone 18x8x8 ins.

T. G. S. R. 28. E.

- Chassis 12 ins. in the ground. for $\frac{1}{4}$ Rec.
Cor. marked $\frac{1}{4}$ on N. face, and
raise a mound of stone, 2 ft. back,
 $1\frac{1}{2}$ ft. high, N. of Cor. -
Pits impracticable
- 38.00 Top, bears. N. by. W. + S by. E.
- 39.00 Descend
- 51.00 Bottom
- 51.50 ascend along ridge
- 59.00 Top of Ridge, bears. N.W. + S.E.
- 59.50 Begin descent
- 66.00 Bottom
- 67.60 Gulch 23 lks, wide flows S.
- 67.90 Begin ascent.
- S. Body S. 31. 78.11 chs. in length.
Convergency for 4 miles 8 lks. per mile
= 32 lks. 78.11 chs. - 32 lks. = 77.79
True length S. Body Sec. 7 = 77.79 chs.
- 77.79 Set a malpais Stone 18x12x6 ins,

Subdivisions.

chs. 12 ins., in the ground. for Cor. of
Secs. 7, 8, 17, & 18., marked
T. 6. S. on N. E.

R 28 E on S. E. with 4 notches on
S. and 5 notches on E. edges. &
raise a mound of stone, 2 ft.
base, 1 1/2 ft. high, W. of Cor.

Pits impracticable

Land Mountainous

Soil, Stony, 4th rate

No timber. Greasewood & ocotillo under large

Mountainous land 77, 79 chs.

N 0° 3' W. bet. Secs. 7th & 8.

over Mountainous land. ascending

8.00 Top, trans. N.W. & S.E.

9.00 descend

10.10 Trail, trans. N.W. & S.E.

20.00 Enter bottom

10.

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N. 6. S. R. 28. E.

- 20.20 Dry wash, 10 lks. wide, flows. S.E.
- 20.50 ascend
- 26.00 Sap, trans. N70°W + S70°E
- 29.00 descend
- 38.80 Bottom, dry wash, 10 lks. wide, flows East
- 39.00 Begin ascent
- 40.00 Set a malpais Stone 18x10x8 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. Marked $\frac{1}{4}$ on W. face, and raise a mound of Stone 2 ft. base $1\frac{1}{2}$ ft. high. W. of Cor. Pits impracticable.
- 43.00 Sap, trans. E. + W.
- 48.00 descend.
- 52.10 Enter bottom
- 52.20 Dry wash 10 lks. wide flows E. S. E.
- 52.50 Begin ascent
- 53.00 Sap, trans. N.W. + S.E.

Subdivisions.

chs.	
55.00	Begin descent
60.00	Enter bottom
60.50	dry wash, 50 lks. wide, flows S.E.
61.80	Begin ascent.
80.00	Top of Ridge, trans. N.T.S. Set a Malpais Stone 16x10x8 ins. 11 ins. in the ground. for Cor. of Secs 5, 6, 7, and 8, marked T. 6.S. on N.E. R. 28.E out. E., with 5 notches on S and E. edges. and raise a mound of Stone, 2 ft. base, 1 1/2 ft. high W. of Cor. It is impracticable Land Mountainous. Soil, Stony, 3 ^d & 4 th rate No timber, Greasewood & ocotillo undergrowth. Mountainous land 80. chains Line discontinued. on account of high rough mountains,

T. 6. S. R. 28. E.

- Chains. W. on a random line
bet. Secs. 6th and 7.
- 40.00 Set temp $\frac{1}{4}$ Sec. Cor.
- 77.72 Intersect W. bdy of Sp. at 6 lks.
S. of Cor. of Secs. 1, 6, 7th and 12. as
recently established by me
and hereinbefore described,
thence I run.
S $89^{\circ}57'$ E on a true line
bet. Secs. 6 and 7.
over mountainous land, ascend
- 13.75 Tap, bears. N 80° W + S 80° E
- 37.72 Set a malpais Stone $15 \times 12 \times 4$ in.,
10 in., in the ground. for $\frac{1}{4}$ Sec.
Cor. marked, $\frac{1}{4}$ on N. face, and
raise a mound of Stone, 2 ft.
base, $1\frac{1}{2}$ ft. high, N. of Cor.
Pits impracticable
- 50.70 Begin descent, bears. N.E. + S.W.

Subdivisions T. 6. S. R. 28. E.

- chs.
 61.70 Bottom, Gulch. floors, S.W., ascend
 75.85 Top, trans N.W. & S.E.
 77.72 The Cor. of Secs. 5, 6, 7 and 8.

Land Mountainous

Soil, gravelly & stony; 2^d & 4th rate

No timber. Greasewood and
 ocotillo undergrowth.

Mountainous land. 77.72 chs.

December 16, 1895.

at this point I discontinue further subdivision
 of this township on account of mts. impassable.

Note: In the execution of
 the survey of this township,
 I destroyed all corners pre-
 viously set by U. S. Deputy
 Surveyor A. L. Trippel,
 in compliance with
 my Special Instructions
 dated September 23, 1895

Meanders. T. C. T. R. 28. E.

Meander of the left bank of the
Gila River up stream. —

I commence at the meander Cor.
of fractl. Secs. 6 & 31. on N. side
of the Sp. on left bank of Gila
River. as recently established
by me, and hereinafore described

At this Cor. December 17. at 8^h 0^m.

a. m. l. m. t. I set off $32^{\circ}52'$
on the lat. arc. $23^{\circ}19'$ S. on the
decl. arc. and determine a true
meridian with the Solar.

Thence I run with meanders in Sec. 31.

$N68\frac{1}{4}^{\circ}E$ 11.00 chs.

$N78\frac{1}{4}^{\circ}E$ 12.00 "

$S80\frac{1}{2}^{\circ}E$ 9.00 "

$N75\frac{1}{4}^{\circ}E$ 8.00 " ab. 7.00 chs. Road

$N40\frac{1}{2}^{\circ}E$ 10.00 " bears. N.T.S.

$N10^{\circ}W$ 12.00 "

Meanders T. 6. S. R. 28. E.

N10 $\frac{1}{4}$ °E 14.00 chs.

N3°E 11.00 "

N7°E 8.00 "

N10 $\frac{1}{2}$ °E 8.50 "

N62°E 8.50. " to Meander Cor.

of fractl. Secs.

31 and 32.

Lead river bottom

Soil. Sandy loam 1st rate

No timber.

Meanders of the Right bank
of Gila River down Stream.

I commence at the meander
Cor. of fractl. Secs. 30.nd and 31.

as recently established by me
and here in before described
Thence I run with meanders
in Sec. 31.

Meanders. T. C. S. R. 28. E.

over level bottom land

S $33\frac{3}{4}^{\circ}$ W 13.20 chs.

S $19\frac{1}{4}^{\circ}$ W 7.80 " at 6.55 chs. ditch,
flows S.W.

S $13\frac{1}{2}^{\circ}$ W 9.10 " at 1.65 road brs N.E.
at 5.20 road brs S.W.
at 8.10 road brs S.E.

S 1° E 11.10 " at 1.90 road brs S.E.

S $14\frac{3}{4}^{\circ}$ W 13.00 " at 1.70 road brs S.W.
at 3.00 road brs S.E.
at 8.00 road brs S.W.

S $23\frac{1}{4}^{\circ}$ E 11.70 "

S 25° W 6.20 "

S 84° W 2.90 " at 1 ch. Road brs S

S $85\frac{1}{4}^{\circ}$ W 7.80 "

N $80\frac{3}{4}^{\circ}$ W 6.20 " at 3.20 chs. wash 10 lks.
wide flows S.

S $83\frac{3}{4}^{\circ}$ W 16.30 " at 6.46 road brs N.E. to
a gate 30 lks. N.
6.90 wire fence brs
N.E. + S.W.

S 68° W 2.60 " at 1.60 ditch brs S 76° W

S $44\frac{3}{4}^{\circ}$ W 5.20 " at 0.57 wire fence brs S.W.

S $43\frac{1}{2}^{\circ}$ W 9.10 " at 3.50 chs. ditch brs S.W.

to the Meander Cr. of

Meanders. T. 6. S. R. 28. E.

fractl. Secs. 6 and 31 on S. side
of Sp. as recently established
by me and hereinbefore described
Land level.

Soil, Sandy loam, 1st rate

No timber. -

December. 17. 1895.

General Description.

Almost the entire town-
ship is broken and
mountainous, and therefore
unavailable for agricul-
tural purposes. There is
a cultivated tract in the
S/2 of Sec. 31, N. of the
Gila River, owned by
one, S. Molina, who is

The only settler in the Tp.
And S. of the Gila River in
Sec. 31. The Southern Pac-
ific Company is boring
for Coal. The township is
well watered by the Gila
River, and the Bonita Creek
which joins the Gila River
about in the center of the
township. Sec. 7. Contains
Excellent grazing land.
Some Mesquite is found
along the Gila River. -

Philip Cortzer,
Compass man.

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U. S. Surveyor-Generals Office. 19

Tucson, A. T. January 22, 1897.

The foregoing field notes, of the survey of the subdivisions and meander lines, of Fractional Township, 6 S., R. 28 E., Gila and Salt River Meridian in Arizona, executed by Philip Contzen, Compassman, and U. S. Deputy Surveyor, under ~~his~~ Contract No. 29, with A. L. Trippel, dated June 17, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes and the surveys they describe are hereby approved.

George J. Roskrige
U. S. Surveyor-General,

For the Territory of Arizona.