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No. 6!

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Approved by Com^r

G. L. O. - Oct 8. 1891

BOOK 706

4-671

No. 706

No. 706

FIELD NOTES

GENERAL LAND OFFICE.

902

MEANDER LINES.

T. 7, S. R. 31, E.

Contract. No. 18.

Daniel Drummond.

SURVEY Aug 4/7 1891.

BOOK 706

4-674.

Township 7S, R. 31E, G&SRB & M

Meanders Gila River
Left Bank red
Right Bank black

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

Meanders T. 7. S. R. 31. E.

Meanders of the Left bank
of the Gila River downstream

I Commence at the meander
Cor. to fractional Secs. 4^{and} 33
on the South boundary of
the township, which is
a post, 4 ft. long, 4 ins
square, with marked stone
12 ins. in the ground, for
Meander Cor. ^{to fractional Secs. 4^{and} 33} Marked M.C.
on E. T. 7. S. on W. Sec 4 on
S and Sec 33 on N faces.
dug pit 3 ft square 1 ft.
deep 8 lks W of post and
raised a mound of earth
2 ft. high 4 1/2 ft base
around post. I set
this post 12.50 chains

Meanders T. T. S. R. 31, E.

West of the established Cor.
to Secs. 3, 4, 33 and 34.
Center of the Arizona and
New Mexico Railroad.
beings West. 155 links.

Fence I run with meanders
in Sec. 33.

Ya. $12^{\circ}30'E$

N $27^{\circ}0'W$ 22.30 chains

N $14^{\circ}30'W$ 21.00 "

N $49^{\circ}15'E$ 23.10 "

~~N $41^{\circ}30'E$ 11.20 "~~

~~N $16^{\circ}45'E$ 17.20 "~~

to Meander Cor. to fractional
Secs. 33 and 34.

Land, level

Soil sandy 1st and 2^d rate

No timber.

3
Meanders T. T. S. R. 31. E.

Meanders of the left bank
of the Gila River

Thence in Sec 34,

Va. $12^{\circ}30'E$

N $41^{\circ}30'E$ 11.20 chains

N $16^{\circ}45'E$ 17.20 "

to Meander Cor to Fractional
Secs. 27th and 34.

Land. level

Soil Sandy loam 1st rate

No timber

Meanders T. 7 S. R. 31 E.

meanders of the left bank
of the Gila River

Thence in Sec 27,

Va $12^{\circ}30'E$.

N $41^{\circ}45'W$ 18.50 chains

to meander cor. to fractional
secs. 27 and 28.

Laid level

Soil sandy loam 1st rate

No timber

5 Meanders T. 7 S. R. 31 E.

Meanders of the left bank
of the Gila River

Thence in Sec. 28

Ya. $12^{\circ}30'E$

N $54^{\circ}45'W$ 10.00 chains

N $38^{\circ}30'W$ 25.90 "

N $6^{\circ}15'W$ 23.80 "

N $31^{\circ}45'W$ 21.80 "

To meander cor to fractional
Secs. 21 and 28.

Land level

Soil Sandy, 1st and 2^d rate

No timber

Meanders T. 7 S. R. 31 E.

Meanders of the left bank
of the Gila River

Shower in Sec. 21.

Ya. $12^{\circ}30'E$

N $0^{\circ}45'E$ 35.00 chains

N $39^{\circ}45'W$ 19.50 "

N $5^{\circ}45'E$ 25.50 "

N $44^{\circ}45'W$ 6.80 "

to Meander Cor. to fractional
Secs. 16 and 21.

Land, level

Soil, sandy loam $1\frac{1}{2}\%$ rate

No timber

Meanders T. 7. S. R. 31. E.

Meanders of the left bank
of the Gila River

Thence in Sec. 16.

Yu. $12^{\circ}30'E$.

N $65^{\circ}30'W$ 7.40 chains

N $31^{\circ}0'W$ 30.40 "

N $36^{\circ}45'E$ 39.70 "

N $22^{\circ}0'W$ 20.70 "

to meander ^{cont} to fractional
Secs. 9 and 16.

Land level

Soil sandy loam 1st rate

No timber

August 5, 1891

Meanders T. T. S. R. 31. E.

Meanders of the left bank
of the Gila River

Thence in Sec 9.

Ya. $12^{\circ} 30' E$

A $30^{\circ} 0' W$ 44.30 chs.

to Meander Cor. to fractional
Secs. 8 and 9.

Land level

Soil sandy to am 1st rate

No timber

9

BOOK 706

Meanders T. 7 S. R. 31 E.

Meanders of the left bank
of the Gila River

Thence in Sec. 8.

Va $12^{\circ}30'E$ N $38^{\circ}15'W$ 18.40 chainsN $20^{\circ}30'W$ 12.50 "N $27^{\circ}30'E$ 19.10 "to Meander Cor. to fractional
Secs. 5 and 8.

Land level

Soil Sandy loam 1st rate

Timber, Willow and Cottonwood

Meanders T. 7 S. R. 31 E.

meanders of the left bank
of the Gila River

Thence in Sec. 5.

Va. $12^{\circ}30'E$

N $17^{\circ}45'E$ 6.00 chains

N $2^{\circ}0'W$ 9.30 "

N $72^{\circ}30'W$ 5.70 "

N $15^{\circ}0'W$ 11.20 "

N $59^{\circ}20'W$ 21.50 "

N $18^{\circ}15'W$ 43.80 "

to Meander Cor. to fractional
secs. 5th & 32. on N boundary
of township, as recently
established by me

Land level bottom

Soil. Sandy loam 1st rate

Timber thick Cottonwood

Meanders T. 7. S. R. 31. E.

I Commence at the Meander
Cor to fractional Secs. 5th &
32 on N boundary of Tp. as
recently established by me.

Meanders of the
Right bank of the Gila River
up stream,

Thence I run with meanders
in Sec. 5.

Ya. $12^{\circ} 30' E$,

S $14^{\circ} 15' E$ 38.20 chains

S $51^{\circ} 45' E$ 19.00 "

S $17^{\circ} 30' E$ 10.20 "

S $59^{\circ} 0' E$ 6.00 "

S $1^{\circ} 7' E$ 15.30 "

S $25^{\circ} 30' W$ 3.60 " to Meander

Cor. to fractional Secs. 5th & 8

Land-level

Soil. Sandy loam 1st rate

Timber. thick Cottonwood

Meanders T. T. S. R. 31, E.

Meanders of the Gila River
Right bank up stream.

Thence in Sec. 8.

Ya. $12^{\circ}30'E$

$S 20^{\circ}40'W$ 18.90 chains

$S 7^{\circ}15'E$ 8.00 "

$S 43^{\circ}30'E$ 11.50 "

to Meander Cor to fractional
Secs. 8 and 9.

Land, level

Soil Sandy loam 1st rate

Timber Cottonwood and willow

Meanders T. 7 S., R. 31 E.

meanders of the Right bank
of the Gila River.

Thence in Sec 9.

Ya. $12^{\circ}30'E$.

$S57^{\circ}40'E$ 7.80 chains

$S30^{\circ}15'E$ 49.10 "

to meander^{cor} to fractional
secs. 9. and 16.

Land, level

Soil Sandy loam 1st rate

Timber Scattering Cottonwood

Meanders T. 7 S. R. 31. E.

meanders of the right bank
of the Gila River

Fence in Sec. 16.

Va. $12^{\circ} 30' E$

$S 11^{\circ} 15' E$ 21.70 chains

$S 37^{\circ} 40' W$ 37.80 "

$S 29^{\circ} 10' E$ 26.00 "

$S 51^{\circ} 20' E$ 10.40 "

to Meander Cor. to fractional
Secs. 16 and 21.

Land level

Soil. Sandy loam 1st rate

Timber, Scattering Cottonwood

August 16, 1891

Meanders T. 7. S. R. 31. E.

Meanders of the right bank
of the Gila River

Thence in Sec 21.

Ya. $12^{\circ} 30' E$

$S 62^{\circ} 15' E$ 5.70 chains

$S 9^{\circ} 0' W$ 25.80 "

$S 38^{\circ} 45' E$ 18.70 "

$S 0^{\circ} 30' W$ 37.40 "

to Meander Cor. to fractional
Secs 21 and 28.

Land level

Soil. Sandy loam 1st rate

No timber

Meanders T. T. S. R. 31. E. 16

Meanders of the right bank
of the Gila River

Thence in Sec. 28.

Ya. $12^{\circ}30'E$

$S42^{\circ}15'E$ 19.50 chains

$S2^{\circ}15'W$ 24.70 "

$S25^{\circ}45'E$ 29.60 "

to meander Cor to fractional
Secs. 27 and 28.

Land, level

Soil, sandy loam 1st rate

No timber

17 Meanders T. J. S. R. 31, E.

Meanders of the right bank
of the Gila River

Thence in Sec. 27.

Va. $12^{\circ}30'E$

S $48^{\circ}30'E$ 25.50 chains

S $25^{\circ}45'E$ 4.40 " to

to ^{meander cor.} fractional Secs. 27 and 34

A

Laid level

Soil, sandy loam 1st rate

No timber

Meanders T. 7. S. R. 31. E.

Meanders of the right bank
of the Gila River

Thence in Sec. 34.

$\gamma a. 12^{\circ} 30' E$

$S 23^{\circ} 0' W$ 21.90 Chains

$S 54^{\circ} 45' W$ 15.70 "

to Meander Cor. to fractional
Secs. 33 and 34.

Land level

Soil sandy loam. 1st rate

No timber.

Meanders T. 7. S. R. 31. E.

Meanders of the right bank
of the Gila River

Thence in Sec 33.

Va. $12^{\circ}30'E$

S $47^{\circ}15'W$ 19.90 chains

S $10^{\circ}45'W$ 16.20 "

S $29^{\circ}0'E$ 24.50 "

Set a post 4 ft long 4 ins.
square, with marked stone 12
ins in the ground, on the
right bank of the Gila River
for meander cor. to fractional
secs. 4 and 33, on S boundary
of township, marked M.C.
on W. T. 7. S. on E. Sec. 4 on
S. and Sec. 33. on N face.
dig pit 3 ft. square 12 ins
deep 8 lks. E of post.

Meanders S. 7. S. R. 31. E.

And raised a mound of earth
2 ft high. $4\frac{1}{2}$ ft base
around post.

This meander cor is set 550
chains West, from the estab-
lished Cor. to Secs. 3, 4, 33, 34

Land level

Soil. Sandy loam 1st rate

No timber

August 7. 1891

General Description

This township contains bottom mesa, and mountain land.

The soil of the bottom land along the Gila River, and on several of the washes is

generally rich sandy loam capable of producing excellent crops, with irrigation.

The soil of the mesas is sharp gravel, which produces good grasses. The mountains in the northwestern portion produce good nutritious grasses and can be classed as 2^d and 3^d rate.

Cottonwood and willow is only found in Secs. 5, 8 and 9 along the banks and bottom

of the Gila River.

The mesas. only produce
scrub Cedar and Juniper Very
Sparse.

The mean declination
for the plat. the average of
Seven observations is $12^{\circ}30'$ East.

The township is
watered by the Gila River
which runs through the
township from South to
North, and produces sufficient
water to irrigate all the
bottom land in the township

There is one settler
in Sec. 21. who has fenced
a portion of Secs. 21 and 28.

Daniel Drummond
U. S. Deputy Surveyor

U. S. Surveyor-General's Office,

TUCSON, A. T., *Sept. 28th* 188*9*

The foregoing Field Notes of the Surveys of

Meander lines

T. 4, S. R. 31 East.

Gila and Salt River Meridian

in *Arizona* executed by

Daniel Drummond

U. S. Deputy Surveyor, under his contract dated

May 29th 1891

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

Amos Johnson

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