

BOOK 2818

# FIELD NOTES

OF THE SURVEY OF THE

Subdivision and Meander Lines

of a portion of

TOWNSHIP 3 SOUTH RANGE 19 EAST

Within the White Mountain (or San Carlos) Indian Res'n

2818

Of the Gila & Salt River Base & Meridian,

In the State of Arizona

EXECUTED BY

H. L. Baldwin, Topographer

In the capacity of U. S. Surveyor, under instructions dated October 28, 1915, Commissioner of the General Land Office to A. F. Dunnington, issued by the United States Surveyor General to govern surveys included in Topographer in Charge of Indian Surveys

Group No. - ; which were approved by the Commissioner of the General Land Office, 191-, pursuant to authority contained in the Act of

Congress dated 191-

Survey commenced December 3, 1915

Survey completed December 3, 1915

BOOK 2818

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Township 3 South ; Range 19 East

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Meanders of San Carlos River, right bank, page 6

Subdivision of a portion of T. 3 S., R. 19 E.

Chains

Survey commenced Dec. 3, 1915, by H. L. Baldwin, Topographer, and executed with a Buff & Buff transit with solar attachment, No. 9207, the horizontal limb having two double verniers placed opposite to each other reading to minutes of arc.

The iron post used in this survey are 3 ft. long, set 26 inches in the ground, filled with cement, and fitted with brass caps. The posts at 1/4-sec. cors. are 1 inch in diam. and those at section and meander cors. are 2 inches in diam.

December 3, 1915, at 8h., a.m., I set off 33° 12' N. on the lat. arc, and 21° 58' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 31 and 32 on the N. bdy. of the Tp.

Thence I run

S. 0° 3' E. bet. secs. 5 and 6, Over level mesa.

- 2.00 Desc. S. slope.
- 6.85 Wash, course SE., 10 lks. wide. Asc. NE. slope.
- 10.42 Spur brs. E., 2.00 chs. Desc. SE. slope.
- 15.12 Enter level bottom land, brs. NE. and SW.
- 17.00 Wash, course SW., 10 lks. wide.
- 25.10 Asc. SW. slope.
- 30.10 Spur brs. W. 1.00 chs. Desc. SW. slope.
- 36.50 Foot of desc. Enter level land, brs. NW. and SE.
- 36.70 Wire fence brs. SE. and NW, Enter cemetery.
- 39.35 Wire fence brs. SE. and NW. Leave cemetery.
- 40.00 Set an iron post 1 inch in diam. for 1/4-sec. cor. bet. secs. 5 and 6 stamped in cap

1/4 in N  
S 5 in E  
S 6 in W  
1915 in S

Raise stone mound 2 ft. base, 1 1/2 ft. high, W. of cor.

- 41.34 Irrigation ditch, course SW.
- 48.40 Road brs. E. and W.
- 52.54 Wagon road brs. E. and W.
- 52.65 Wire fence brs. E. and W.
- 52.37 Flag pole at agency brs. S. 78° 8' E.
- Jail brs. S. 57° 40' E.
- Flag pole on warehouse (a) brs. S. 43° E.

## Subdivision of a portion of T. 3 S., R. 19 E.

Chains	
	Warehouse (b) brs. S. $48\frac{1}{2}^{\circ}$ E.
60.80	Wire fence brs. E. and W.
65.55	Wire fence brs. E. and W.
69.70	Wire fence brs. E. and W.
72.40	Wire fence brs. NE. and SW.
78.00	Frame building brs. 1.00 chs. W.
78.50	Wire fence brs. E. and W.
79.90	Wagon road brs. E. and W.
80.00	Set iron post 2 inches in diam. for cor. of secs. 5, 6, 7 and 8, stamped in cap  <div style="text-align: center;"> R 19 E S 5 in NE  S 8 in SE  S 7 in SW  T 3 S S 6 in NW  1915 in S </div> Raise mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.  Land, rolling and level. Soil, 3rd rate and 1st rate. Dense undergrowth of mesquite and cat claw; no timber.
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	W. on a random line bet. secs. 6 and 7.
78.57	Fall 22 lks. N. of cor. of secs. 1, 6, 7 and 12 on W. bdy. of the Tp.  Thence  N. $89^{\circ} 51'$ E. on a true line bet. secs. 6 and 7,  Over level land, through dense undergrowth of mesquite and cat claw brush.
3.37	Irrigation ditch, course NW., 10 ft. wide, 4 ft. deep.
4.97	Set an iron post 1 inch in diam. for M. C. bet. secs. 6 and 7 on Left bank Gila River stamped in cap  <div style="text-align: center;"> T 3 S S 6 in NW  S 7 R 19 E in SW  M C in E  1915 in S </div> From which a  Willow 6 inches in diam. brs. N. $49\frac{1}{4}^{\circ}$ E., 125 lks. dist. mkd. T 3 S R 19 E S 6 M C B T Willow 8 inches in diam. brs. S. $57\frac{1}{4}^{\circ}$ E., 178 lks. dist. mkd. T 3 S R 19 E S 7 M C B T  Raise stone mound 3 ft. base, 2 ft. high, W. of cor.  Thence descend to

## Subdivision of a portion of T. 3 S., R. 19 E.

Chains	
5.77	Enter river bottom with cottonwood and willow timber, brs. NW. and SE.
7.57	Enter river bed,
13.57	W. edge of water of Gila River, course NW., 5.00 chs. wide, 8 inches deep.
38.57	True point for $\frac{1}{4}$ cor. falls in river.
50.32	Leave river bed, brs. NW. and SE.
50.57	Set iron post for M. C. of secs. 6 and 7, stamped in cap <div style="text-align: center;">           T 3 S S 6 in N            S 7 R 19 E 1915 in S            M C in W         </div>
	Dig a pit 3 ft. by 3 ft. by 12 ins., 8 ft. E. of cor. and raise a mound of earth, 5 ft. base, 2 ft. high, E. of cor.
57.97	Wire fence brs. N. and S.
66.47	Wire fence brs. N. and S.
66.57	Old irrigation ditch, bears N. and S.
72.97	Wire fence brs. N. and S.
73.50	Wagon road, brs. SE. and NW.
73.97	Wire fence brs. N. 60° W., S. 60° E.
75.67	Wire fence brs. N. 30° E., S. 30° W.
78.30	Wagon road brs. NE. and SW.
78.57	The cor. of secs. 5, 6, 7 and 8.
	Land, level; river bottom. Soil, 1st rate. Undergrowth of mesquite and cat claw. Cottonwood and willow timber along W. side of Gila River.
	From the true point for cor. of secs. 4, 5, 32 and 33, which falls on ground subject to overflow, I run
	S. 0° 2' E. bet. secs. 4 and 5,
	Through heavy willow and cottonwood timber.
11.60	On N. edge of Arizona-Eastern R. R. right of way, and at H. W. of San Carlos River. Set an iron post 2 inches in diam. for M. C. of secs. 4 and 5, stamped in cap
	M. C. in N R 19 E S 4 in SE 1915 in S T 3 S S 5 in SW
	From which
	Cottonwood 12 inches in diam. brs. N. 17 $\frac{1}{2}$ ° E., 149 lks. mkd.
	T 3 S R 19 E S 4 M C B T
	Cottonwood 14 inches in diam. brs. N. 22 $\frac{1}{2}$ ° W., 230 lks. mkd.
	T 3 S R 19 E S 5 M C B T
	Leave timber, brs. N. 60° W., S. 60° E.

## Subdivision Lines of a portion of T. 3 S., R. 19 E.

Chains	
11.62	Wire fence along right of way of Arizona-Eastern R. R. brs. N. 60° W. and S. 60° E.
12.60	Main track of railroad brs. S. 69° E. and N. 60° W.
12.90	Side track, same bearing.
13.30	Telegraph line, same bearing.
17.50	Wire fence brs. SE. and NW.
30.70	Wire fence brs. SE. and NW.
33.20	Wagon Road brs. SE. and NW.
33.70	Headgate in canal, at cor. of fences, bearing E., W. and S. Enter cultivated land.
40.00	Set an iron post 1 inch in diam. for $\frac{1}{4}$ -sec. cor. bet. secs. 4 and 5 stamped in cap  $\frac{1}{4}$ in N S 4 in E S 5 in W 1915 in S  Dig pits 18x18x12 ins., N. and S. of cor.; 3 ft. dist.; and raise mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.  From the cor. a house brs. S. 31° E., 10.00 chs. Another house, brs. S. 12° E., about 15.00 chs. Another house, brs. S. 26° W., 12.00 chs. Another house, brs. S. 34° W., 8.00 chs. A mill, brs. N. 69° W. about 5.00 chs.
41.40	Wire fence brs. N. 75° E. and S. 75° W.
49.80	Wire fence brs. N. 75° E. and S. 75° W.
50.00	Wagon road, same bearing.
50.50	Wire fence, same bearing.
60.20	E. side of frame house, brs. 6 ft. W.
63.60	Wire fence brs. S. 30° E., and N. 30° W.
67.20	Wire fence brs. N. 60° E., and S. 60° W.
67.90	Wagon road, same bearing.
68.50	Wire fence, same bearing. Enter cultivated land.
77.10	Wire fence, brs. E. and W.
80.00	Set an iron post 2 inches in diam. for cor. of secs. 4, 5, 8 and 9, stamped in cap  R 19 E S 4 in NE S 9 in SE S 8 in SW T 3 S S 5 in NW 1915 in S

## Subdivision of a portion of T. 3 S., R. 19 E.

## Chains

Land, level.  
Soil, 1st rate.  
Cultivated fields most of distance.  
Timber of cottonwood and willow along San Carlos River.

The cor. falls near center of plowed field, belonging to Indians, whose title is "L 19".

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	Thence W. on a random line bet. secs. 5 and 8.
79.90	Fall 9 lks. N. of cor. of secs. 5, 6, 7 and 8.
	Thence I run
	N. 89° 56' E. bet. secs. 5 and 8.
	Over nearly level land.
5.90	Flag pole agency brs. N. 25 $\frac{1}{4}$ ° E.
23.10	Irrigation ditch, course S.
23.90	Wagon road, brs. N. and S.
24.80	Same irrigation ditch, brs. SE. and NW.
28.80	Same ditch, brs. NW. and SE.
31.00	Low spur, brs. S. 2.00 chs.
36.20	Wash, course SW., 20 lks. wide.
39.95	Set iron post 1 inch in diam. for the $\frac{1}{4}$ -sec. cor. of secs. 5 and 8, stamped in cap
	$\frac{1}{4}$ in W S 5 in N S 8 1915 in S
	Raise stone mound 3 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
47.50	Wire fence brs. N. and S.
	Also irrigation ditch, course SW., 6 ft. wide, 3 ft. deep.
54.40	Wash, course SW., 20 lks. wide.
70.60	Wire fence brs. N. 10° W., S. 10° E.
74.30	Wire fence, same bearing.
78.50	Wire fence, same bearing. Enter cultivated land.
79.90	The cor. of secs. 4, 5, 8 and 9.

Land, gently rolling.  
Soil, 1st and 3rd rate.  
Dense undergrowth of mesquite and catclaw.  
No timber.

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Meanders in T. 3 S., R. 19 E.

The Meanders of the Gila River, Right bank, down stream.

I commence at the N. C. of secs. 6 and 7, previously described.

Thence I run with meanders in sec. 6.

N. 47 $\frac{1}{2}$ ° W. 5.00 chs.  
 N. 41° W. 8.60 chs.  
 N. 29 $\frac{1}{2}$ ° W. 5.00 chs. at 4.50 chs. of this course, wagon  
 N. 43 $\frac{1}{2}$ ° W. 5.00 chs. road, bns. NE. and SW.  
 N. 51° W. 6.90 chs.  
 N. 71° W. 6.50 chs.  
 N. 56° W. 10.00 chs.  
 N. 63 $\frac{1}{2}$ ° W. 7.20 chs.  
 N. 39° W. 8.30 chs.  
 N. 60 $\frac{1}{2}$ ° W. 4.47 chs. to the N. C. of secs. 1 and 6 on W.  
 bdy. of the township.

Land, level river bottom.  
 Soil, 1st rate.  
 No timber.

The meanders of sec. 6 on the South side of the Gila River.

I commence at the N. C. bet. secs. 1 and 6 on the W. bdy. of the Tp., 7770 chs. N. of the cor. of secs. 1, 6, 7 and 12.

Thence I run along left bank, up stream.

N. 87° E. 2.50 chs.  
 S. 74 $\frac{1}{2}$ ° E. 1.20 chs.  
 S. 20 $\frac{1}{2}$ ° E. 3.50 chs.  
 S. 1 $\frac{1}{2}$ ° E. 4.21 chs. to N. C. bet. secs. 6 and 7 on the  
 Left bank of Gila River.

Land, nearly level.  
 Soil, 1st rate, river bottom.  
 Dense undergrowth of mesquite and oat claw brush.  
 Timber, sycamore, cottonwood and willows in bed of Gila river, E. of line.

Meanders of Right bank of San Carlos River, up stream.

I commence at the N. C. bet. secs. 4 and 5.

Thence I run with meanders in sec. 5,

Along N. side of Arizona-Eastern Ry. right of way.

N. 52 $\frac{1}{2}$ ° W. 7.20 chs. to Point opposite San Carlos depot.  
 N. 36 $\frac{1}{2}$ ° W. 3.80 chs.  
 N. 58 $\frac{1}{2}$ ° W. 7.80 chs. to N. C. of secs. 5 and 32, on the  
 N. bdy. of the township.

Land, level.  
 Soil, 1st rate, river bottom.  
 Mesquite and oat claw undergrowth.  
 Cottonwood, sycamore and willow timber in San Carlos River bottom.

Close work December 3, 1915.

## General Description of T. 3 S., R. 19 E.

As the purpose of this survey was merely to locate the San Carlos Agency which falls in sec. 5, the subdivision consists of only secs. 5 and 6.

Land mostly level and 1st and 2nd class soil. The northern portion of sec. 6 and a part of the NW.  $\frac{1}{4}$  of sec. 5 is a gravel mesa non-agricultural.

If the San Carlos dam is constructed by the Reclamation service at the dam site some 6 miles W. of San Carlos, all of secs. 5 and 6 will be submerged except the gravel mesa above mentioned.

The San Carlos River flows through the NE. part of sec. 5, and unites with the Gila River, somewhere in sec. 4, and this latter stream cuts off most of the SW.  $\frac{1}{4}$  of sec. 6.

H. L. Baldwin,  
Topographer,  
Acting in the Capacity  
of U. S. Surveyor.

List of Assistants:

S. H. Pollard, Chainman  
Julian B. Downey, Jr., Chainman  
Billie Kindelay, Moundman  
Herbert Forbes, Rodman

Denver, Colorado, *April 10-1916.*

I hereby certify that the survey of subdivision lines in a portion of T. 3 S., R. 19 E., within the White Mountain (or San Carlos) Indian Reservation, Arizona, was made under my direction and supervision, and to the best of my knowledge and belief the field work was executed in strict accordance with instructions given me dated October 28, 1915, and the Manual of Surveying Instructions, and that these field notes are a correct representation thereof.

*A. F. Drummington*

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Topographer in Charge of  
Indian Surveys.

FINAL OATH OF UNITED STATES SURVEYOR.

I, \_\_\_\_\_, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for \_\_\_\_\_ bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

For final oath of H.H.Baldwin, Topographer, see Book "A".

\_\_\_\_\_ of the \_\_\_\_\_ Meridian, in the State of \_\_\_\_\_, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

U. S. Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me } this \_\_\_\_\_ day of \_\_\_\_\_, 191 \_\_\_\_\_ }



APPROVAL.

OFFICE OF THE COMMISSIONER OF THE GENERAL LAND OFFICE  
~~OFFICE OF THE UNITED STATES SURVEYOR GENERAL~~

Washington, D.C., June 12, 1916.

The foregoing field notes of the survey of subdivision lines in T. 3 S., R. 19 E., within the White Mountain (or San Carlos) Indian Reservation, Arizona,

executed by H.L.Baldwin, Topographer, under direction of A.F.Dunnington, Topographer in Charge of Indian Surveys, Oct. 28, 1915, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

(Signed) Clay Tallman, Commissioner of the General Land Office

I certify that the foregoing transcript of the field notes of the above-described surveys in White Mt. Ind. Res'n, Ariz., has been correctly copied from the original notes on file in this office.

Commissioner of the General Land Office