

3176

Book "E."  
4-679

Plat with both  
from filing

159  
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Line to be made  
in Book page 5

# FIELD NOTES

OF THE SURVEY OF THE BOOK 3176

SUBDIVISION LINES, AND

MEANDERS OF THE LEFT BANK OF THE COLORADO RIVER,

WITHIN

FRACTIONAL TOWNSHIP 3 SOUTH, RANGE 24 WEST.

3176

Of the Gila and Salt River Base and Meridian,

In the State of Arizona,

EXECUTED BY

William B. Kimmel,

3176

In the capacity of U. S. Surveyor, under instructions dated February 5, 1915,  
issued by the United States Surveyor General to govern surveys included in  
Group No. 47, which were approved by the Commissioner of the General Land  
Office, February 23, 1915.

Survey commenced May 17, 1915

Survey completed May 20, 1915

Executed under Assignment  
Instructions dated Feb. 27, 1915.

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Book "E"

BOOK 3176

Group 47 - - Arizona.

See Special Index Diagram.

# INDEX DIAGRAM.

Township ..... Range .....

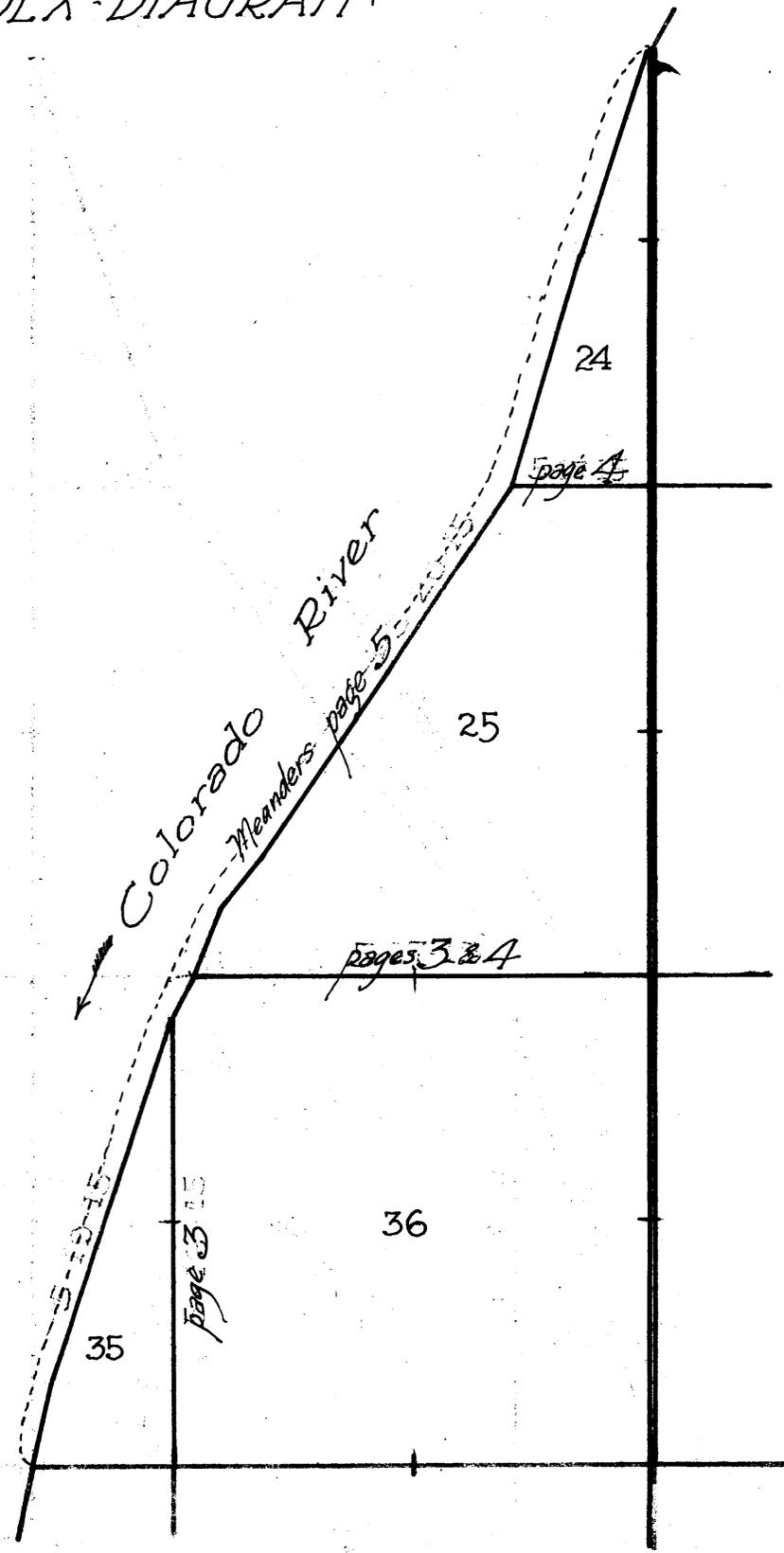
6	5	4	3	2	1
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BOOK 3176

Group 47 - - - Arizona.  
Fract. Township 3 South, Range 24 West.

INDEX-DIAGRAM



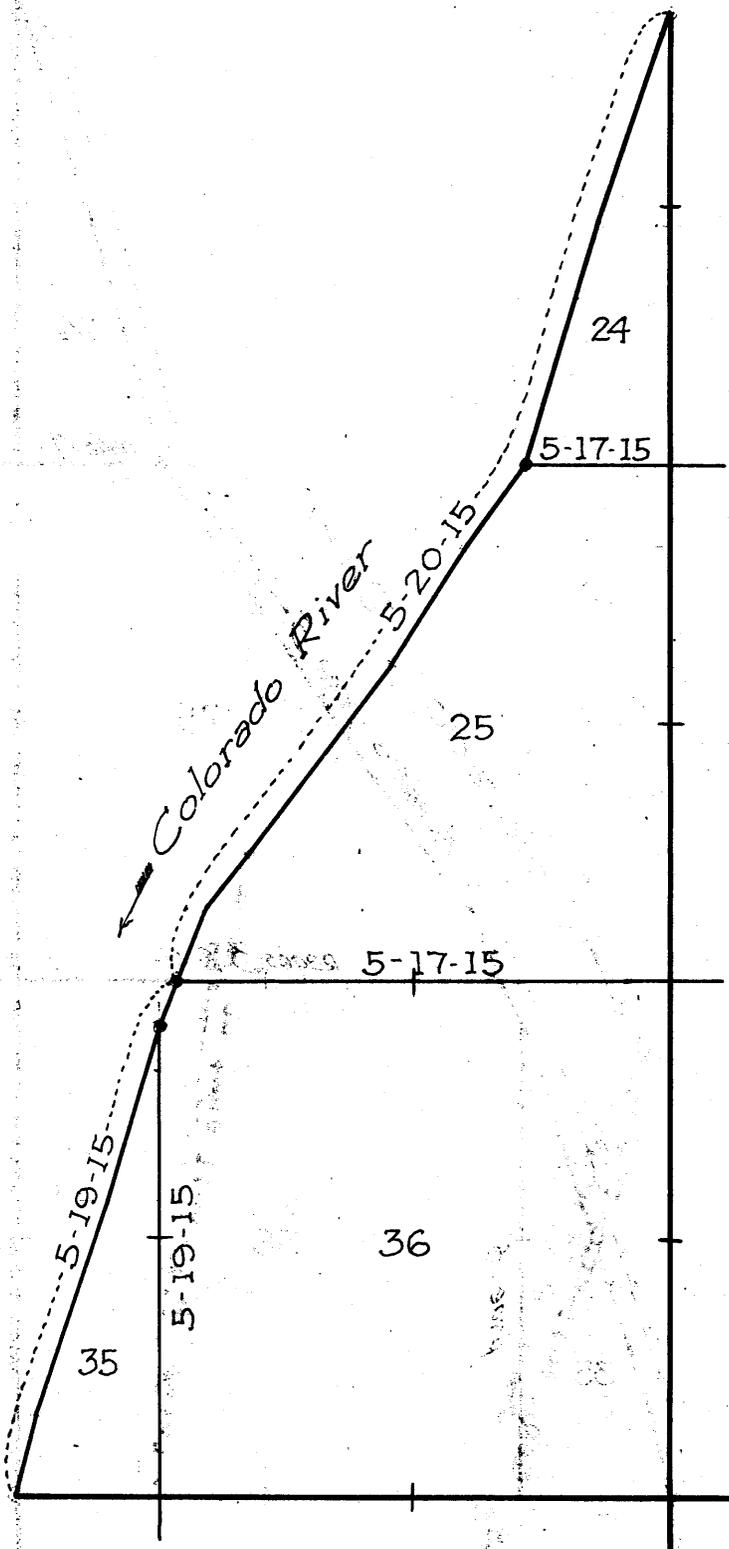
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BOOK 3176

Book "E"

Group 47 - - - Arizona.

Township 3 South, Range 24 West.



Surveys executed on dates shown on above diagram by William B. Kimmel, U. S. Surveyor.

Subdivision of Fract. Township 3 South, Range 24 West. 3

Chains.

Surveys hereinafter described were executed by William B. Kimmel, U.S. Surveyor, on dates shown on diagram on page 2 of this book, using a Young and Son's light mountain Transit No. 8523, with solar attachment as described in Book "A" of N. 200001.

From recent and repeated field tests of the transit and solar attachment during a.m. and p.m. hours, on a meridian established by observations on Polaris, they are known to be in satisfactory adjustment.

From the cor. of sec. 1, and fract. secs. 2, 35 and 36, on S. bdy. of Tp. described in Book "D,"

N. 0° 1' W. bet. fract. secs. 35 and 36.

Over level river bottom land, through scattering timber and dense undergrowth.

7.80 Leave dense undergrowth, brs. NE. and SW.

28.20 Enter dense mesquite undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S35 | S36  
1915

from which,

A mesquite, 6 ins. in diam., brs. N. 19 1/4° E., 47 lks. dist., marked 1/4 S 36 B T.

A mesquite, 5 ins. diam., brs. S. 50 1/2° W., 41 lks. dist., marked 1/4 S 35 B T.

41.60 Vacant house, brs. N. 72° W., about 5 chs. dist.

45.60 Wagon road brs. SW & NE. Extends N. to Parker, and S. to Yuma.

68.00 Enter dense arrowweed undergrowth, brs. NE. and SW.

72.80 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground for meander cor. of fract. secs. 35 and 36, marked on brass cap,

T3SR24W

MC  
S35 | S36  
1915

from which,

A willow, 12 ins. diam., brs. N. 23° E., 65 lks. dist., marked T 3 S R 24 W S 36 M C B T.

A mesquite, 10 ins. diam., brs. S. 2 1/2° W., 298 lks. dist., marked T 3 S R 24 W S 35 M C B T.

Land, level bottom.

Soil, sandy silt, 2nd rate.

Timber, scattering willow and mesquite.

Undergrowth, dense greasewood, mesquite and arrowweed.

From the reestablished cor. of secs. 30, 31, and fract. secs. 25 and 36, on E. bdy. of Tp., described in Book "C," West, on a true line, bet. fract. secs. 25 and 36.

Over rolling land, through scattering timber and undergrowth.

Descend NW 1/4 slope, 135 ft. to

8.10 Gulch, course SW.

11.28 Enter same gulch, course W.

17.32 Leave gulch, course SW.

19.47 Enter level land, brs. NW 1/4 and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap,

S 25  
1/4

S 36  
1915

## 4. Subdivisio. of Fracl. Township 3 South, Range 24 West.

Chains.

and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 52.80 Leave level land, brs. NW. and SE. Enter rolling hills  
 60.46 Enter river bottom, brs. N. and S.  
 61.86 Wagon road, brs. NE & SW. Extends N. to Parker & S. to Yuma.  
 77.60 Set an iron post 3 ft. long, 1 in. in diam., 26 ins. in the ground, for meander cor. of fracl. secs. 25 and 36, marked on brass cap,

T3SR24W

/S25

/MC

S36

1915

from which,

A cottonwood, 18 ins. in diam., brs. N.  $45^{\circ}$  E., 58 lks. dist., mkd. T 3 S R 24 W S 25 M C B T.

A willow, 10 ins. diam., brs. S.  $9^{\circ}$  W., 52 lks. dist., mkd. T 3 S R 24 W S 36 M C B T.

Land, gently rolling and level bottom land.

Soil, rocky, 4th rate, and sandy, 2nd rate.

Timber, scattering palo verde, mesquite, cottonwood and willow.

Undergrowth, mesquite and arrowweed.

From the reestablished cor. of sec. 30, and fracl. secs. 19, 24, and 25, on E. bdy. of Tp., described in book "C," West, on true line, bet. fracl. secs. 24 and 25.

Over gently rolling land, through scattering timber and undergrowth.

Ascend SE. slope, 28 ft. to

3.86 Spur, slopes SW. Descend SW. slope, 210 ft. to

14.75 Enter river bottom, brs. NW. and SE.

17.08 Wagon road, brs. N. & S. Extends N. to Parker & S. to Yuma.

22.30 Set an iron post, 3 ft. long, 1 in. in diam., 26 ins. in the ground, for meander cor. of fracl. secs. 24 and 25, marked on brass cap,

T3SR24W

/S24

/MC

S25

1915

from which,

A willow, 5 ins. diam. brs. N.  $64^{\circ}$  E., 48 lks. dist., marked T 3 S R 24 W S 24 M C B T.

A willow, 8 ins. diam., brs. S.  $20\frac{1}{2}^{\circ}$  W., 24 lks. dist., marked T 3 S R 24 W S 25 M C B T.

Land, rolling and level river bottom.

Soil, rocky, 4th rate, and sandy, 2nd rate.

Timber, willow, mesquite and cottonwood.

Undergrowth, greasewood, arrowweed and mesquite.

GENERAL DESCRIPTION.

This Tp. bordering the Colorado river at the foot of west slope of the Trigo Mountains, consists of two varieties of land, namely, rolling and level. The soil on the rolling portion is mainly rocky, 3rd and 4th rate, while on the level portion or river bottom land is sandy, 2nd rate. A scattering growth of palo verde, mesquite, cottonwood and willow timber, and undergrowth of mesquite and arrow weed covers the township. The undergrowth is dense along the river. No mineral indications were noted. The only improvements found were a vacant house in fracl. sec. 35, and machinery for pumping plant in fracl. sec. 25.

Meanders of Left Bank of Colo. River within fracl. T. 3 S., R. 24 W. 5.  
Chains.

Meanders of the left bank of the Colorado river, up stream.

Commence at the meander cor. of fracl. secs. 2 and 35, on S. bdy. of Tp., described in Book "D."

Thence with meanders in fracl. sec. 35.

N. 15° E., 13.00 chs. Bank 10 ft. high.

N. 18 1/4° E., 35.00 "

N. 16 3/4° E., 21.00 "

N. 18 1/2° E., 7.10 " To meander cor. of fracl. secs. 35 and 36, hereinbefore described.

Land, level river bottom.

Soil, sandy silt, 2nd rate.

Timber, scattering willow and cottonwood.

Undergrowth, dense arrowweed.

-----  
Thence in fracl. sec. 36.

Over level river bottom, through scattering timber and dense undergrowth.

N. 17 1/4° E., 7.50 chs. Bank 10 ft. high, to meander cor. of fracl. secs. 25 and 36.

Land, level river bottom.

Soil, sandy silt, 2nd rate.

Timber, scattering willow and cottonwood.

Undergrowth, dense arrow weed.

-----  
Thence in fracl. sec. 25.

Over level river bottom land, through scattering timber and undergrowth.

N. 22° E., 12.00 chs. Bank 10 ft. high.

N. 37 3/4° E., 12.00 "

N. 38° E., 36.00 "

N. 32 1/2° E., 22.00 " Gravelly point 8 ft. high, slopes W. On this point is machinery for pumping plant.

N. 38 1/2° E., 16.00 " To the meander cor. of fracl. secs. 24 and 25, hereinbefore described.

Land, level river bottom.

Soil, sandy silt, 2nd rate.

Timber, scattering willow and cottonwood.

Undergrowth, dense arrow weed.

-----  
Thence in fracl. sec. 24.

Over level river bottom land, through scattering timber and undergrowth.

N. 16 1/4° E., 39.00 chs. Bank 10 ft. high. At 16.25 chs., fence brs. E.

N. 19° E., 34.70 " To the meander cor. of fracl. secs. 19 and 24 on E. bdy. of Tp., described in Book "C."

Land, level river bottom.

Soil, sandy silt, 2nd rate.

Timber, scattering willow and cottonwood.

Undergrowth, dense arrow weed.

x N 37 3/4 E

Boundaries of fracl. Township 3 South, Range 24 West.  
 Latitudes, departures, and closing errors.

N  
230.57  
E  
102.37

Line designated.	Course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
East boundary	South,	230.40		230.40		
South boundary	West,	102.80				102.80
Meanders of Left bank Colo. River.	Various	Various	230.57		102.37	
Convergency,					.03	
Totals,			230.57	230.40	102.40	102.80
Error in latitude,			230.40	230.17	102.50	102.40
Error in departure,			0.17	0.23	0.38	0.40



BOOK 8 3176

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William B. Kimmel, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 47, Arizona, bearing date of the 5th day of February, 1915, 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 the Subdivision Lines, and Meanders of the Left Bank of the Colorado River, within

FRACTIONAL TOWNSHIP 3 SOUTH, RANGE 24 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me, and under my direction; and 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 Group 47, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William B. Kimmel, U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz., March 20, 1918.

The foregoing field notes of the survey of the Subdivision Lines, and Meanders of the Left Bank of the Colorado River, within

FRACTIONAL TOWNSHIP 3 SOUTH, RANGE 24 WEST,

of the Gila and Salt River Base and Meridian, in the State of Arizona,

executed by William B. Kimmel, U. S. Surveyor, under his special instructions dated Feby. 5, 1915, for Group 47, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank P. Frost, U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in has been correctly copied from the original notes on file in this office.