

FIELD NOTES

OF THE RETRACEMENT OF

Part of the original meanders of the left Bank of the Colo. River in Secs. 30 and 25, Frac. Ts. 9 S., Rs. 24 and 25 West

Part of the U. S. R. S. Levee along the left side of the Colorado River in Secs. 24 & 25, Frac. T. 9 S., R. 25 W.

and in Sec. 19, Frac. T. 9 S., R. 24 W.

OF THE RESURVEY OF

Part of the West Boundary and

Part of the Subdivision lines of

Fractional T. 9 S., R. 24 W.

and

Part of the Subdivision lines of

Fractional T. 9 S., R. 25 W.

AND OF THE SURVEY OF

Part of the Boundary of Farmer's Banco No. 501 in Sections 19 and 30

Fractional T. 9 S., R. 24 W.

and

in Sections 24 and 25

Fractional T. 9 S., R. 25 W.

Of the Gila and Salt River Base and Meridian,

In the State of Arizona

EXECUTED BY

Francis E. Joy, U. S. Cadastral Engineer

Supplemental

In the capacity of U. S. Surveyor, under Special Instructions dated October 12, 1929, issued by the District Cadastral Engineer to govern surveys included in Group No. 156 Arizona, which were approved by the Commissioner of the General Land Office, October 25, 1929, and Assignment Instructions dated February 8, 1930.

Retracement Resurvey and Survey commenced February 21, 1930.

Retracement Resurvey and Survey completed February 25, 1930.

3884

3884

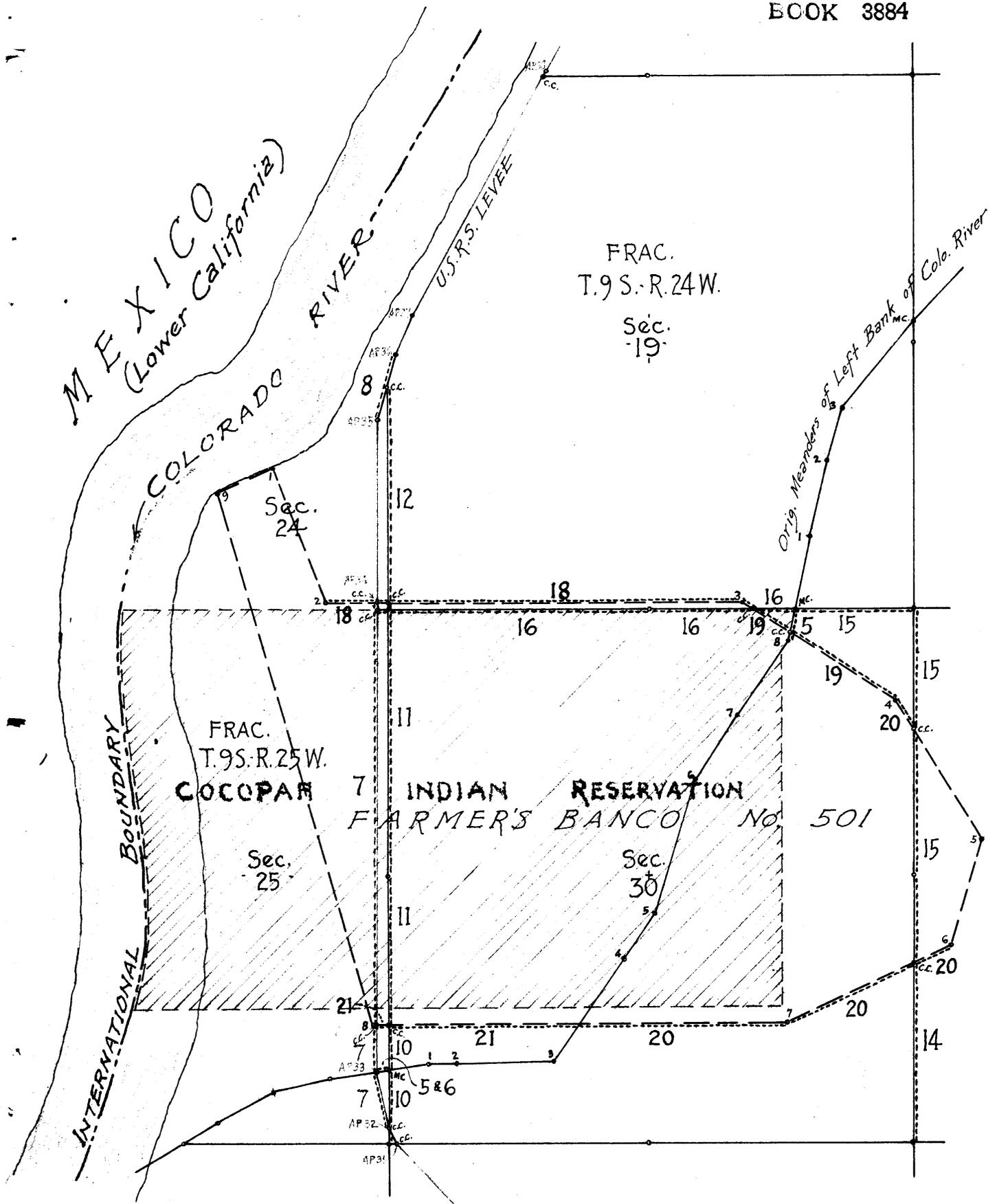
INDEX DIAGRAM.

Township _____, Range _____

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

Book "D"
Group 156 - Arizona
Secs. 19, 24, 25 and 30
FRACTIONAL T. 9 S., R. 24 & 25 W.
INDEX DIAGRAM.

BOOK 3884



- Boundary of Farmers Banco No. 501. by Preliminary Survey (Not of record.)
- U.S. Reclamation Service Levee. Surveyed by U.S.R.S. in 1907. Resurveyed by G.L.O. in 1920.
- Portion of Bdy. of Farmers Banco No. 501 surveyed under this group. Notes herein.
- Portion of U.S.R.S. Levee Retraced under this group. Notes herein.
- Boundary of Cocopah Indian Reservation unsurveyed. (Part is identical with surveyed Public Land lines.)
- Subdivision Lines and Range Line surveyed or resurveyed under previous contracts or groups.
- Original Meanders of Left Bank of Colorado Riv. Surveyed in 1874. Resurveyed in 1920.
- Subdivision Lines and Range Line resurveyed under this group. Notes herein.
- Parts of original Meanders of Left Bank of the Colo. River Retraced under this group. Notes herein.
- //// Area embraced within Cocopah Indian Res.

BOOK 3884

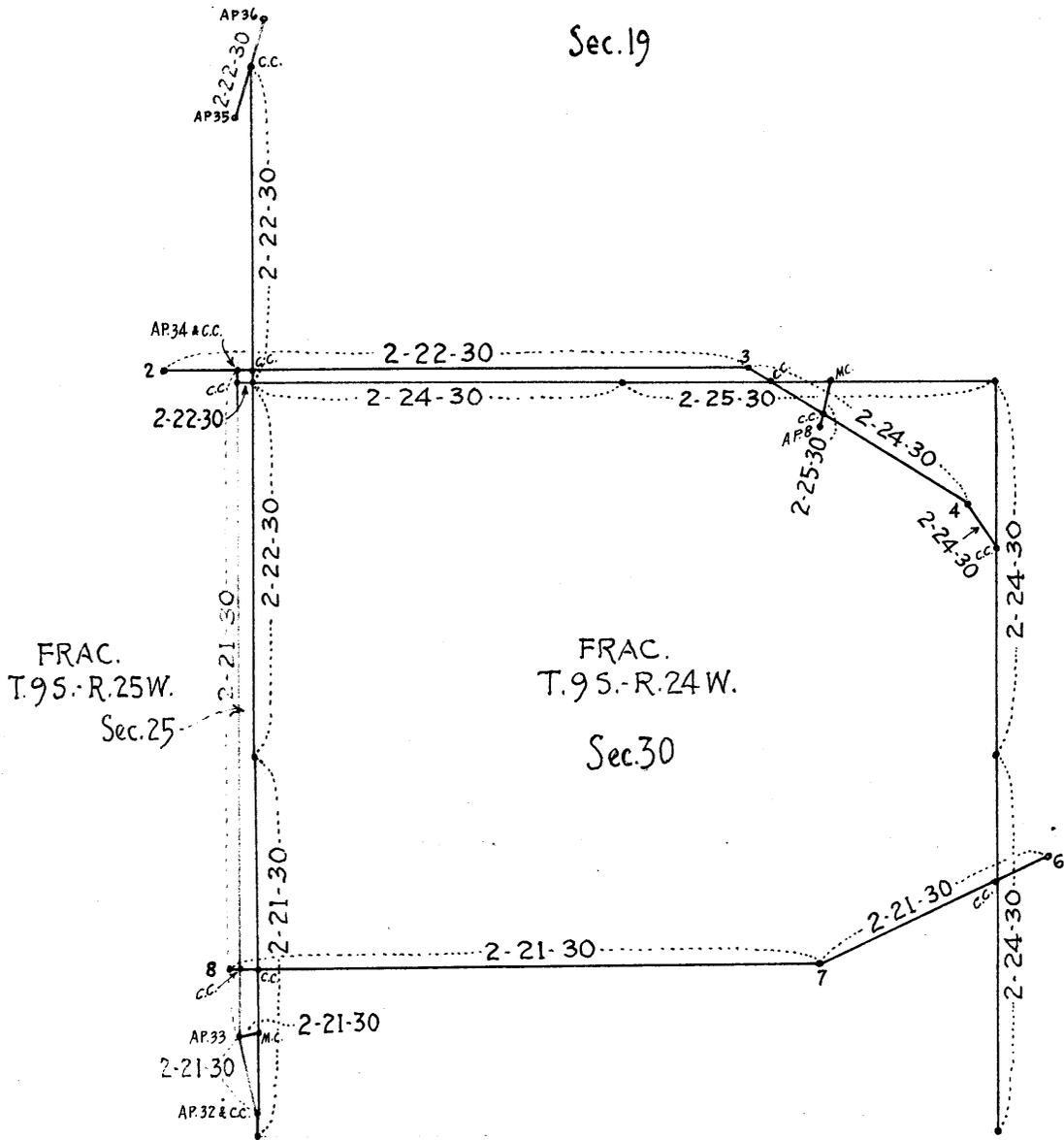
Book "D"

Group 156 Arizona

Secs. 19, 24, 25 and 30

Fractional Townships 9 South, Ranges 24 and 25 West

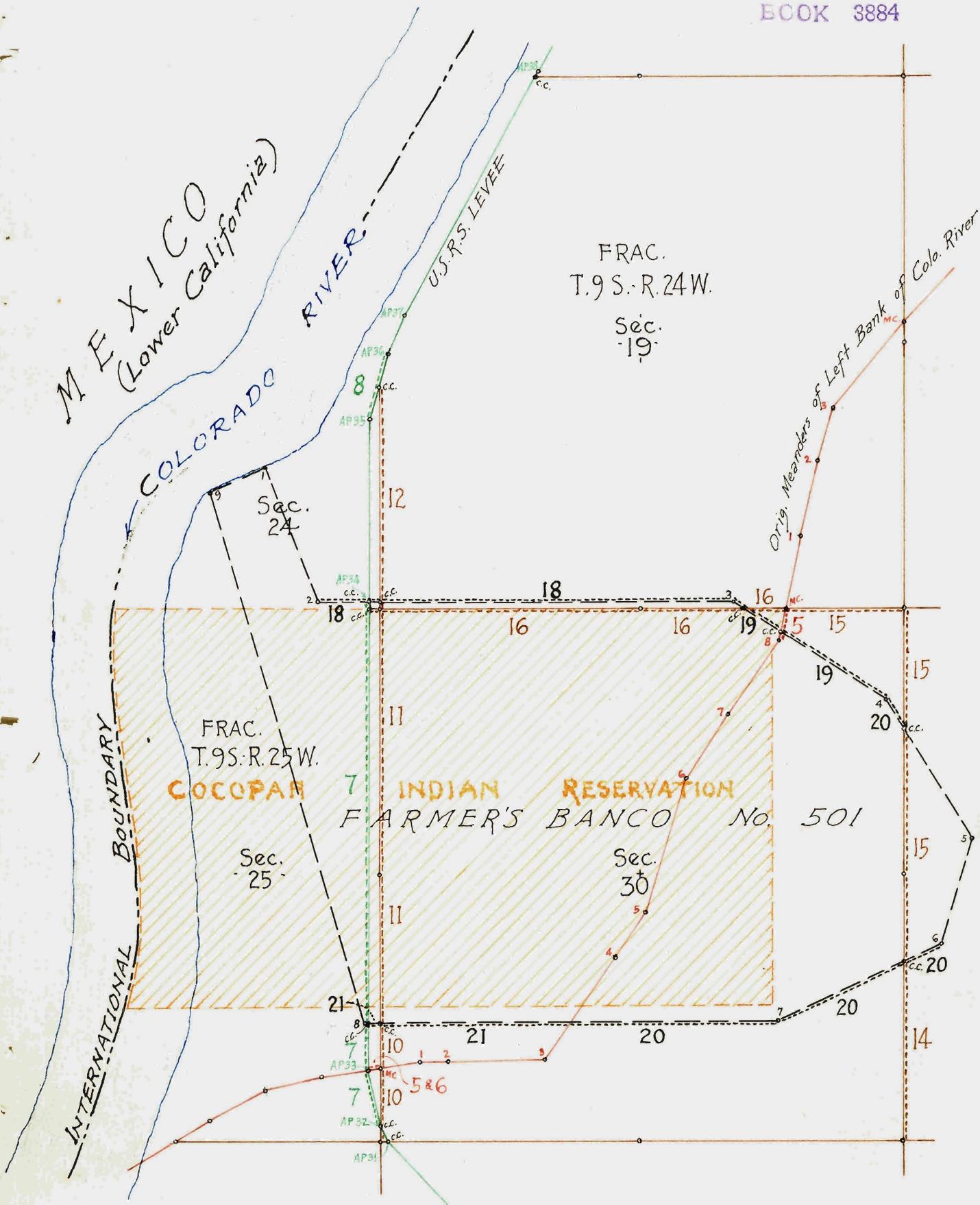
DATE DIAGRAM



- *Boundary of Farmer's Banco No. 501 surveyed by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in black.*
- *Range line and Subdivision Lines resurveyed by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in brown.*
- *U.S. Reclamation Service Levee retraced by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in green.*
- *Original meanders of Left Bank of Colo. River retraced by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in red.*

Book "D"
Group 156 - Arizona
Secs. 19, 24, 25 and 30
FRACTIONAL T. 9 S., R. 24 & 25 W.
INDEX DIAGRAM.

BOOK 3884



- Boundary of Farmers' Banco No. 501. by Preliminary Survey (Not of record.)
- Portion of Bdy. of Farmers' Banco No. 501 surveyed under this group. Notes herein.
- Boundary of Cocopah Indian Reservation unsurveyed. (Part is identical with surveyed Public Land lines.)
- Original Meanders of Left Bank of Colorado Riv. Surveyed in 1874. Resurveyed in 1920.
- Parts of original Meanders of Left Bank of the Colo. River Retraced under this group. Notes herein.
- U.S. Reclamation Service Levee. Surveyed by U.S.R.S. in 1907. Resurveyed by G.L.O. in 1920.
- Portion of U.S.R.S. Levee Retraced under this group. Notes herein.
- Subdivision Lines and Range Line surveyed or resurveyed under previous contracts or groups.
- Subdivision Lines and Range Line resurveyed under this group. Notes herein.
- /// Area embraced within Cocopah Indian Res.

BOOK 3884

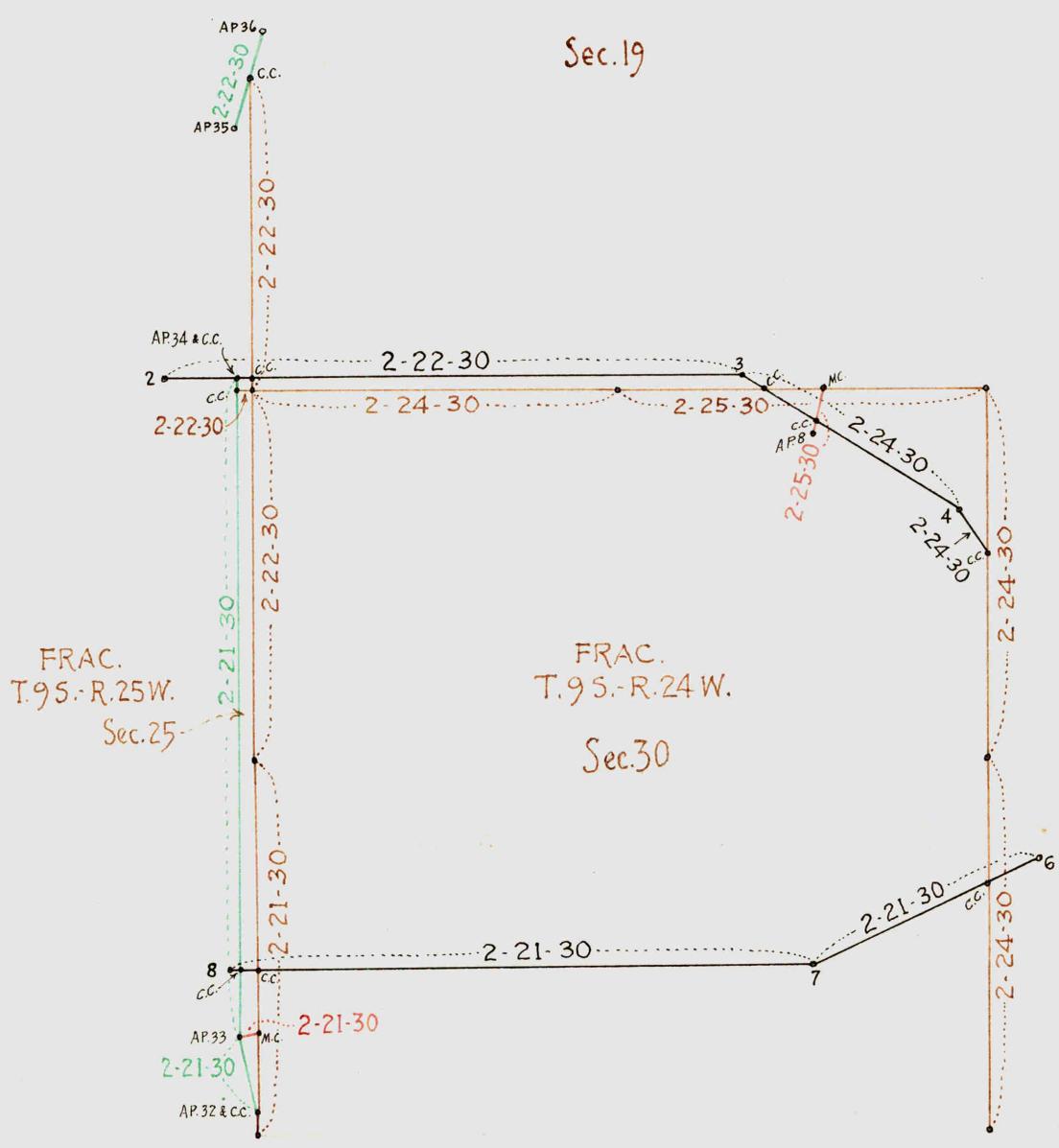
Book "D"

Group 156 Arizona

Secs. 19, 24, 25 and 30

Fractional Townships 9 South, Ranges 24 and 25 West

DATE DIAGRAM



- Boundary of Farmer's Banco No. 501 surveyed by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in black.
- Range line and Subdivision Lines resurveyed by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in brown.
- U.S. Reclamation Service Levee retraced by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in green.
- Original meanders of Left Bank of Colo. River retraced by Francis E. Joy, U.S. Cadastral Engineer, on dates shown in red.

The retracements, resurveys and surveys herein described were executed on the dates shown on diagram on page 2 hereof, by Francis E. Joy, U.S. Cadastral Engineer, using Buff and Buff transit No. 16723. The instrument is equipped with a full vertical circle reading to single minutes of arc, and a Smith solar attachment, the latitude and declination arcs of which also read to single minutes of arc.

The instrument was examined, tested on the true meridian at the Federal Building at Phoenix, Arizona, found correct, and was approved by the District Cadastral Engineer for Ariz. and Calif., February 8, 1930, conditional upon satisfactory field tests. Unless otherwise specified all azimuth determinations are made with the solar attachment.

Unless otherwise specified all measurements are made with a Mallie steel tape 5 chs. in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angle determined by clinometer, and the slope measurements properly reduced to true horizontal distances for entry in the field notes.

To test the solar apparatus, by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a meridian determined by observations on Polaris, proceed as follows:

February 17, 1930, at Yuma, Arizona, find watch to be correct for 120th meridian standard time by comparison with a Western Union Telegraph Co. clock.

February 19, 1930, at station about 20 chs. N. of the cor. of secs. 29, 30, 31 and 32, Trac. T. 9 S., R. 24 W., G. & S. R. B. & M., Arizona, in latitude $32^{\circ}35'10''$ N., longitude $114^{\circ}45'W.$, at 5h. 51m. p.m., l.m.t., make an hour angle observation on Polaris, west of the meridian, making four observations, two each with the telescope in direct and reversed positions, reading the horizontal deflection angle from a telephone pole about 25 chs. N., westerly to Polaris.

Mean horizontal angle, pole to Polaris = $47^{\circ}13'15''$
 Azimuth of Polaris = $41'54''$ W.
 True bearing of pole = N. $47^{\circ}55'$ E.

February 20, 1930, at same station, at 8h. 0m., a.m., app. t., set off $32^{\circ}35'$ N., on the latitude arc, $10^{\circ}59'$ S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

February 23, 1930, at same station, at apparent noon, set off $32^{\circ}35'$ N., on the latitude arc, observe the sun on the meridian and obtain a reading of $9^{\circ}51'$ S. on the declination arc, which agrees with the computed declination of the sun.

At 3h. 0m. p.m., app. t., with the latitude arc unchanged set off $9^{\circ}48'$ S. on the declination arc, and determine a meridian with the solar, which agrees with the true meridian.

As all of the solar observations made during the usual hours of solar work define positions for meridian which agree within $1\frac{1}{2}'$ with the true meridian, conclude that the instrument is in satisfactory adjustment.

Retracement of
Part of the original Meanders of the Colorado River
in Secs. 30 & 25, Frac. Ts.9 S., Rs.24 & 25 W.

3884

chains

The meanders of the left bank of the Colorado River thru Frac. Ts.9 S.,Rs.24 & 25 W. were surveyed in 1874 by T.F.White, U.S.D.S.

In 1920 the said meanders thru Frac.T.9 S.,R.24 W., and that portion in Frac.T.9 S.,R.25 W. situated east of the U.S.R.S. Levee survey, were resurveyed by W.H.Thorn, U.S.Cadastral Engineer, reproducing as near as possible, the record courses and distances, and monumenting all angle points and meander cors. with iron posts brass capped and appropriately marked with AP numbers, sec. numbers and year 1920.

No retracement or resurvey of the meanders west of the levee is of record, and no subsequent retracement or resurvey of the portion resurveyed by Thorn in 1920 is of record.

The following notes describe a retracement of the meanders in sec.30, Frac.T.9 S.,R.24 W. from AP No.8 to the meander cor.of secs.19 and 30, and a retracement of the meanders in sec.25, Frac.T.9 S.,R.25 W., from AP No. 33 of the Levee survey to the meander cor.of secs.25 and 30 on the range line.

In Sec.30, Frac.T.9 S.,R.24 W.

Angle point No.8 of the original meanders of the left bank of the Colo.River in Sec.30, Frac.T.9 S.,R.24 W. is an iron post, 1 in.in diam., firmly set in the ground with its top flush with the surface, and properly marked on brass cap.

Thence

N.11°33'E., on random line, for distance only, towards flag on the objective meander cor. visible at such bearing.

Over level cultivated land, along part of the boundary of the Cocopah Indian Reservation, and within the Farmers Banco No.501.

1.22 Intersect the closing cor.of Farmers Banco No.501, hereinafter described.

Leave Farmer's Banco No.501.

Continue line and measurement, along part of the bdy. of the Cocopah Indian Reservation.

4.94 Intersect the reestablished meander cor.of secs.19 and 30 on the subdivision line bet. said secs., which is a redwood post, 6 ins.square, painted white, projecting 2 ft.above ground, firmly set, and marked with black paint, S 19 on N. face, T 9 S R 24 W on E. face, S 30 on S. face, and MC. on W. face. No accessories.

Excavation to the base of this post fails to reveal the iron post with brass cap recorded in the Thorn 1920 resurvey as having been set to reestablish this meander cor.

Reconstruct this cor. monument with an iron post as hereinafter described in notes of "Resurvey of Part of the Subdivision Lines of Frac.T.9 S.,R.24 W."

True course and dist. of this part of the original meanders of the Left bank of the Colo.River are therefore, N.11°33'E., 4.94 chs.

Land, level.
Soil, sandy loam, 2nd rate. Timber, none. Undergrowth, none.

In Sec.25, Frac.T.9 S.,R.25 W.

Angle point No.33 of the U.S.R.S. Levee Survey, also closing meander cor.of sec.25, Frac.T.9 S.,R.25 W., is an iron post, 1 in.in diam., projecting 8 ins. above ground, at east toe of levee, firmly set, and properly marked on brass cap.

Thence

N.79°22'E., on random line, for distance only, towards flag on the objective meander cor. visible at such bearing.

Retracement of
Part of the original Meanders of the Colorado River
in Secs. 30 and 25, T. 9 S., R. 24 & 25 W.

chains	Over level cleared land.
0.20	Road, parallel to levee. Thence over cultivated land.
2.12	Intersect the reestablished meander cor. of secs. 25 and 30 on the range line, which is a redwood post, 4 ins. square, painted white, projecting 2 $\frac{1}{2}$ ft. above ground, firmly set, and unmarked. By excavation this post is found to be set directly over the top of the iron post monument 3 ft. below the surface, the brass cap being properly marked.
	True course and dist. of this part of the original meanders of the left bank of the Colo. River are therefore, N. 79° 22' E., 2.12 chs.
	Land, level.
	Soil, light sandy silt, 2nd rate.
	Timber, none.
	Undergrowth, none.

Retracement of
 Part of the U.S.Reclamation Service Levee
 along left side of Colo.River in Secs. 24 & 25, Frac.T.9 S., R.25 W.
 and in Sec.19, Frac.T.9 S., R.24 W.

chains The U.S.Reclamation Service levee along the east or left side of the Colo.River in Frac.T.9 S., R.25 W. was surveyed and monumented along its eastern toe by U.S.R.S. engineers but the field notes of such survey were not filed in the G.L.O. records.

 In 1918 and 1920 the Levee was surveyed along its eastern toe by A.W.Brown and W.H.Thorn, U.S.Cadastral Engineers for G.L.O.records, monumenting all cors. and angle points thereon with iron posts brass capped. The Levee survey thus monumented then became the West boundary of the accretion land of Frac.T.9 S., R.25 W., and was so presented on the plat of said township approved August 27, 1920.

 No retracement or resurvey of the Levee in this Tp., subsequent to the Brown-Thorn survey is of record in the G.L.O.

 The following notes describe a retracement of the levee thru sec.25 and part of sec.24, Frac.T.9 S., R.25 W. and part of sec.19, Frac.T.9 S., R.24 W., northerly from AP 32 to AP 34, and from AP 35 to AP No.36.

Angle point No.32 of the U.S.R.S. Levee Survey, which is also closing cor.of secs.25 and 30, Frac.Ts.9 S., Rs.24 & 25 W., is an iron post, 1 in.in diam., buried 2 ins.below the surface of the ground, firmly set, and properly marked on brass cap. No accessories.

Thence,
 N.15°33'W., on random line, for distance only, toward flag visible on AP No.33 at such bearing.

Over level land, along east toe of levee, and along west side of road, parallel to levee.

8.51 Intersect Angle point No.33 of Levee Survey, also closing meander cor. of sec.25, on original meanders of left bank of Colo.River, hereinbefore described.

True course and dist. of Levee Survey between AP No.32 and AP No.33 are therefore, N.15°33'W., 8.51 chs.

Thence,
 N.0°15'W. (record course), on random line, on Levee Survey and West bdy. of the accretion land of sec.25.

Over level land, along east toe of levee, and along west side of road parallel to levee.

7.00 Intersect line 7-8 of the boundary of Farmer's Banco No.501 at a point 6 lks.N.89°33'E. from Angle point or Cor. No.8 thereof, hereinafter described.

Set temp. closing cor. of Banco bdy.

Continue line and measurement.
 across Farmer's Banco No.501.

37.55 Leave road which turns to east at this point.

52.00 Enter undergrowth, bears E.

57.00 Depression, 100 lks.wide, 6 ft.deep, bears NW. and SE.

67.00 Leave undergrowth and enter cleared land, bears E.

69.15 Fall 30 1/4 lks. W. of the closing cor.of secs.24 and 25, hereinafter described.

Continue line and measurement.
 Along part of W. bdy. of sec.24.

69.67 Fall 30 1/2 lks. W. of the point of original location of Angle point No.34 of the Levee Survey, which is a hole in the ground from which the iron post monument set in 1920 has been removed. Diligent search in the vicinity failed to locate the missing iron post.

In view of the fact that the hole in the ground is at the record distance and practically the record bearing from the closing cor.of secs.24 and 25, there is no doubt that the hole marks the original AP. location.

The true course and dist. of the U.S.R.S. Levee Survey from AP No.33 to AP No.34 are therefore, North, 69.67 chs., and the closing cor.of secs.24 and 25 is in proper alinement bet. said AP's.

The true line of the Levee Survey therefore at 7.00 chs. North of AP. No.33 intersects line 7-8 of the bdy.of

Retracement of
Part of the U.S. Reclamation Service Levee
along left side of Colo. River in Secs. 24 & 25, Frac. T. 9 S., R. 25 W.
~~and in Sec. 19, Frac. T. 9 S., R. 24 W.~~

chains

Farmer's Banco No. 501 at a point 9 lks. N. 89° 33' E. from Angle Point or Cor. No. 8 thereof. Closing cor. of the Banco bdy. established at such point of intersection as hereinafter described.

Reconstruct Angle Point No. 34 at original point of location as follows:

set an iron post, 3 ft. long, 2 ins. in diam., 42 ins. in the ground, with broken glass deposited at its base, for Angle Point No. 34 of U.S.R.S. Levee Survey, marked on brass cap

	T 9 S
U S R 9	R 25 W
A P 34	S 24

1930

This A.P. is later found by survey of part of the boundary of the Farmer's Banco No. 501 to be at the point of intersection thereof with the Levee Survey, and additional marking is then added to the brass cap as hereinafter described, to make this AP. also a closing cor. of the Banco bdy.

Land, level.

Soil, light sandy silt, 2nd rate.

Timber, none.

Undergrowth, willow where noted.

Angle point No. 35 is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, properly marked on brass cap, No accessories.

Thence

N. 13° 7' E. (record course), on random line, along east toe of levee, over level land, thru dense undergrowth.

5.78 Fall 9 lks. S. 76° 53' E. from the closing cor. of secs. 19 and 24 on the range line, hereinafter described.

Continue line and measurement.

10.78 Fall 17 lks. S. 76° 53' E. from Angle point No. 36, which is an iron post, 1 in. in diam., projecting 10 ins. above ground, firmly set, and properly marked on brass cap. No accessories.

True course and dist. of U.S.R.S. Levee from Angle point No. 35 in sec. 24 to Angle point No. 36 in sec. 19 are therefore, N. 12° 13' E., 10.78 chs., and the closing cor. of secs. 19 and 24 is in proper alinement between said Angle points.

Land, level.

Soil, light sandy silt, 2nd rate.

Timber, none.

Undergrowth, willow.

Resurvey of
Part of the West Boundary of
Fractional Township 9 South, Range 24 West

3884

chains

The West bdy. of Frac.T.9 S.,R.24 W. was surveyed due North a distance of one mile and eleven chains from the SW. cor. of the Tp. to the left bank of the Colo. River, by T.F.White, U.S.D.S. in 1874.

The remainder of the West bdy. of said Tp. was then formed by the left bank of the Colo.River the meanders of which thru said Tp. were surveyed by same surveyor in the same year, as were also the other bdrs. and all of the subdivision lines of same Tp.

In 1918 the portion of the West bdy. surveyed by White in 1874 was resurveyed by A.W.Brown U.S.Cadastral Engineer, and in 1920 an extension survey of the range line northerly to intersection with the U.S.R.S. Levee was executed by W.H.Thorn, U.S.Cadastral Engineer. The Thorn survey was based upon existing cors.on the range line which were established in 1915 by the U.S.Reclamation Service Engineers, but were unrecorded in G.L.O. records.

No retracement or resurvey of this Tp.bdy.subsequent to the Brown-Thorn resurvey and survey is of record.

The following notes describe a resurvey of the West bdy. of Frac.T.9 S.,R.24 W. northerly from the cor.of secs.25,30,31 & 36 to the closing cor.of secs.19 and 24 on the U.S.R.S. Levee Survey.

Retracement for Resurvey.

From cor. of secs.25,30,31 and 36,
North(record course),on random line, bet. secs.25
and 30 (part of S. $\frac{1}{2}$)

2.40 Intersect the closing cor.of secs.25 and 30 on the U.S.
R.S. Levee Survey identical with AP No.32 thereof.
True course and dist.of this part of the S. $\frac{1}{2}$ of line
bet. secs.25 and 30 are therefore, North, 2.40 chs.
Thence

North(record course),on random line,bet. secs. 25
and 30 (part of S. $\frac{1}{2}$)

8.60 Fall 20 lks. E. of the reestablished meander cor. of
secs.25 and 30 of the original meanders of the left
bank of the Colo. River.
True course and dist. of this part of the S. $\frac{1}{2}$ of line
bet. secs.25 and 30 are therefore, N.1°20'W.,8.60 chs.
Thence

N.1°20'W.(record course),on random line,bet. secs. 25
and 30 (part of S. $\frac{1}{2}$)

6.61 Intersect line 7-8 of the boundary of Farmer's Banco
No.501 at a point 2.03 chs.N.89°33'E. from angle point
or Cor. No.8 thereof.

Set temp. closing cor. of secs.25 and 30.
Continue line and measurement.

28.91 (record dist.) Find no trace of the original point of
location of the $\frac{1}{4}$ sec.cor.of secs.25 and 30, but find
the original iron post monument hanging on a fence
post 24 lks. W. of this point, bearing brass cap
properly marked.

Set temp. $\frac{1}{4}$ sec.cor. at original point of location as
per record course and dist. of random line.

Thence
N.0°32'W.(record course),on random line, bet. secs.25
and 30 (N. $\frac{1}{2}$)

39.90 (record dist.) Diligent search in this vicinity fails to
reveal any trace of the original cor. of secs.19,24,
25 and 30.

Set temp. cor. of secs.19,24,25 and 30 at this point.
Thence

North(record course),on random line, bet.secs.19 and 24.

0.515 Intersect line 2-3 of the boundary of Farmer's Banco
No.501 at a point 8.77 chs.S.89°54'E. from Angle
point or Cor. No.2 thereof.

Set temp. closing cor. of secs.19 and 24.
Continue line and measurement.

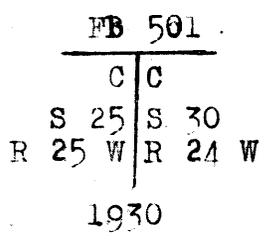
Resurvey of
Part of the West Boundary of
Fractional Township 9 South, Range 24 West

chains	
33.59	(record dist.) Intersect the original closing cor. of secs.19 and 24 on the U.S.R.S. Levee Survey. The record courses and distances of the random lines northerly from the M.C. of secs.25 and 30 having intersected the C.C. of secs.19 and 24 the original survey record of this portion of the range line will be reproduced in a resurvey, and the two intermediate temp. cors. set in this retracement mark the proper points for the reestablishment of the missing cor. monuments.
	----- Resurvey. -----
	The cor. of secs.25,30,31 and 36 is an iron post, 2 ins. in diam., its top flush with surface of the ground, firmly set, properly marked on brass cap and bearing the year marking 1918. No accessories. The origin of this cor.monument is unknown, but it was probably set by U.S.R.S. Engineers subsequent to the Brown resurvey. The record of the Brown resurvey describes the monumentation of this cor. by the setting of a stake and raising of a mound of stone W. thereof, and describes a U.S.R.S. cor.of said secs.N.89°W. 62 lns.distant therefrom as a 3 in. iron post,firmly set and properly marked on brass cap. Only one iron post monument now exists at this point, which is the one from which the retracement for this resurvey was initiated, and which agrees in position with that recorded by Brown as a stake, therefore assume that the stake was later removed by U.S.R.S. Engineers, replaced by the 2 in.iron post now here, the mound of stone destroyed and the other iron post removed.
	Thence North, on true line, bet. secs.25 and 30 (part of S.½) Over level land, thru undergrowth.
1.00	West toe of U.S.R.S. levee, bears NW. and SE. Leave undergrowth. Ascend to
1.70	Center line of U.S.R.S. levee, and middle of single track of U.S.R.S. railroad in curve bearing N.15½°W. and S.28½°E. Descend to east toe of levee.
2.10	Telephone line, parallel to and along east slope of the levee.
2.40	Intersect Angle Point No.32 of the U.S.R.S. Levee Survey, and closing cor. of secs.25 and 30,hereinbefore described. This monument is at east toe of the levee bearing NW. and SE.
	Thence N.1°20'W., on true line, bet. secs.25 and 30 (part of S.½) Over level open land.
0.20	Road, parallel to and along E. toe of levee. Thence over level cultivated land.
8.60	Intersect reestablished meander cor. of secs.25 and 30 of the original meanders of the left bank of the Colo. River, hereinbefore described.
	Continue line and measurement. Over accretion lands of secs.25 and 30.
11.00	Ditch, course E. Leave cultivated land.
12.80	Top of bank, bears E. and W. Descend 5 ft. to
13.00	Thence over level land.
15.21	Intersect line 7-8 of the boundary of the Farmer's Banco No.501 at a point 2.03 chs.N.89°33'E. from Angle Point or Cor.No.8 thereof, hereinafter described. At this point of intersection, set an iron post,3 ft.long,2 ins.in diam.,44 ins.in the ground, with a chunk of cement marked with a cross (X) deposited at its base, for closing cor.of secs.25 and 30 on Banco Bdy., marked on brass cap,

Resurvey of
Part of the West Boundary of
Fractional Township 9 South, Range 24 West

BOOK 8884

chains

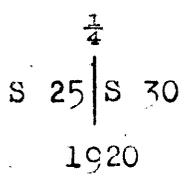


Pits impracticable.

Continue line and measurement.
across Farmer's Banco No. 501.

- 17.70 Road, bears E. and W. Thence over cultivated land.
- 31.60 Ditch, course E. Leave cultivated land.
- 37.20 Road, bears E. and W. Enter cultivated land.
- 37.51 Intersect point of original location of the $\frac{1}{4}$ sec. cor. of secs. 25 and 30.

Reestablish the cor. at this point as follows:
reset the original iron post, 3 ft. long, 1 in. in diam., 30 ins. in the ground, with broken glass deposited at its base, for reestablished $\frac{1}{4}$ sec. cor. of secs. 25 and 30. The brass cap is marked

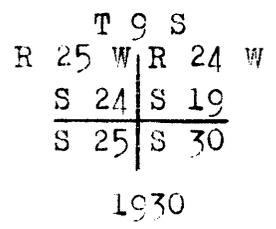


Pits impracticable.

Fence post bears West 24 lks. dist. from which fences extend N. and S.

From $\frac{1}{4}$ sec. cor.,
N. 0° 32' W., on true line, bet. secs. 25 and 30 (N. $\frac{1}{2}$)
Over level cultivated land, east of fence bearing N. and S. Across Farmer's Banco No. 501.

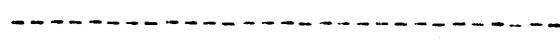
- 23.30 Leave cultivated land and enter undergrowth.
- 26.80 Center of depression, 100 lks. wide, 6 ft. deep, bearing NW. and SE.
- 37.50 Leave undergrowth and enter cleared land, bears E. and W.
- 39.90 (Record dist.) Set an iron post, 3 ft. long, 2 ins. in diam., 50 ins. in the ground, with broken glass deposited at its base, for reestablished cor. of secs. 19, 24, 25 and 30, marked on brass cap.



Pits impracticable.

This cor. is within the Farmer's Banco No. 501 and also in the Cocopah Indian Reservation.
The North bdy. of said Indian Reservation extends West from this cor. to the center of the Colo. River, and easterly along the subdivision line bet. secs. 19 and 30 to the M.C. of secs. 19 and 30 of the original meanders of the left bank of the Colo. River.

Land, level.
Soil, light sandy silt, 2nd rate.
Timber, none.
Undergrowth, willow, where noted.



Resurvey of
Part of the West Boundary of
Fractional Township 9 South, Range 24 West

chains
0.515 North, on true line, bet. secs.19 and 24.
Over level open land, Across Farmer's Banco No.501.
Intersect line 2-3 of the boundary of Farmer's Banco
No.501 at a point 8.77 chs.S.89°54'E. from Angle Point
or Cor. No.2 thereof, hereinafter described.
at this point of intersection,
set an iron post, 3 ft.long, 2 ins.in diam.,40 ins.
in the ground, with broken glass deposited at its base,
for closing cor. of secs.19 and 24 on the Banco Bdy.,
marked on brass cap

T	9	S
R	25	W
S	24	S
C		C

FB 501
1930

Pits impracticable.

Leave Farmer's Banco No.501.
2.00 Enter undergrowth, bears E. and W.
4.00 Center of old abandoned levee, bearing E. and W.
5.00 S. edge of dry slough, bearing E. and W.
Thence across dry slough, thru dense undergrowth.
10.00 N. edge of same slough, bears NW. and SE.
Leave slough and continue over level land thru
dense undergrowth.
33.59 Intersect the original closing cor. of secs.19 and 24
on the U.S.R.S. Levee Survey, bearing NE. and SW.
at the east toe of the levee, same bearing.
This C.C. is an iron post, 2 ins.in diam., projecting
8 ins.above ground, firmly set, properly marked on
brass cap, and witnessed by one willow bearing tree
NE. of cor., and a mound of stone S. of cor.

Land, level.
Soil, light sandy silt, 2nd rate.
Timber, none.
Undergrowth, willow, where noted.

Resurvey of
Part of the Subdivision Lines of
Fractional Township 9 South, Range 24 West

8884

chains

The subdivision lines of Frac. T. 9 S., R. 24 W. were surveyed in 1874 by T.F. White, U.S.D.S., closing said lines on the meanders of the left bank of the Colo. River also surveyed by him in same year.

No retracement or resurvey is of record until 1918, when resurvey of part of the subdivision lines in the west half of the Tp. was executed by A.W. Brown, U.S. Cadastral Engineer, and in 1920, when W.H. Thorn, U.S. Cadastral Engineer resurveyed certain other of the subdivision lines of same part of the Tp., and resurveyed the meanders of the left bank of the Colo. River thru the Tp., reproducing as near as possible the White survey of same in 1874.

The survey and construction of the levee along the east side of the Colo. River, and extending northeasterly thru the western part of this Tp. was made by the U.S. Reclamation Service about 1907, and the U.S.R.S. Engineers about the same time made certain subdivisional resurveys and extension surveys within this Tp.

The field notes of the U.S.R.S. resurveys and surveys were not filed as G.L.O. records, therefore, in 1918 and 1920, A.W. Brown, and W.H. Thorn, U.S. Cadastral Engineers of the G.L.O. surveyed the U.S.R.S. Levee thru this Tp., and extended the survey of the Tp. exteriors and subdivision lines to close thereon.

No retracement or resurvey of any part of the subdivision lines of this Tp., subsequent to 1920 is of record in the G.L.O.

The following notes describe a resurvey of the subdivision line bet. secs. 29 and 30, and the line bet. secs. 19 and 30.

Retracement for Resurvey.

- 27.08 From cor. of secs. 29, 30, 31 and 32, N. 0° 57' W. (record course), on random line, bet. secs. 29 and 30 (S. $\frac{1}{2}$)
Intersect line 6-7 of the boundary of Farmer's Banco No. 501 at a point 5.30 chs. S. 64° 48' W. from Angle Point or Cor. No. 6 thereof, hereinafter described.
Set temp. closing cor. of secs. 29 and 30 at this point.
Continue line and measurement.
- 39.98 (Record dist.) Fall 9 lks. W. of the $\frac{1}{4}$ sec. cor.
True course and dist. of the S. $\frac{1}{2}$ of line bet. secs. 29 and 30 are therefore, N. 0° 49' W., 39.98 chs., and the true point of intersection of said line with line 6-7 of Bdy. of Farmer's Banco No. 501 is at 27.11 chs. N. 0° 49' W. from cor. of secs. 29, 30, 31 and 32, and 5.23 chs. S. 64° 48' W. from AP or Cor. No. 6 of the Banco Bdy.
Thence
N. 0° 57' W. (record course), on random line, bet. secs. 29 and 30 (N. $\frac{1}{2}$)
- 21.815 Intersect line 4-5 of the boundary of Farmer's Banco No. 501 at a point 5.29 chs. S. 32° 10' E. from Angle Point or Cor. No. 4 thereof, hereinafter described.
Set temp. closing cor. of secs. 29 and 30 at this point.
Continue line and measurement.
- 39.98 (Record dist.) Fall 9 lks. W. of the cor. of secs. 19, 20, 29 and 30.
True course and dist. of N. $\frac{1}{2}$ of line bet. secs. 29 and 30 are therefore, N. 0° 49' W., 39.98 chs., and the true point of intersection of said line with line 4-5 of Bdy. of Farmer's Banco No. 501 is at 21.73 chs. N. 0° 49' W. from the $\frac{1}{4}$ sec. cor., and 5.39 chs. S. 32° 10' E. from AP or Cor. No. 4 of the Banco Bdy.
True course and dist. of the line bet. secs. 29 and 30 are therefore, N. 0° 49' W., 79.96 chs., and the $\frac{1}{2}$ sec. cor. is at the midpoint thereon.

Resurvey of
Part of the Subdivision lines of
Fractional Township 9 South, Range 24 West

chains

From cor. of secs. 19, 20, 29 and 30,
S. 89° 46' W. (record course) on random line, bet. secs.
19 and 30.

18.00 Fall 2½ lks. S. of reestablished meander cor. of secs. 19
and 30 on original meanders of left bank of the
Colo. River.

Continue line and measurement.

24.545 Intersect line 3-4 of the boundary of Farmer's Banco
No. 501 at a point 31½ lks. S. 58° 5' E. from Angle Point
or Cor. No. 3 thereof, hereinafter described.

Set temp. closing cor. of secs. 19 and 30 at this point.

Continue line and measurement.

39.80 (Record dist.) Diligent search in this vicinity fails to
reveal any trace of the original witness cor. to the
¼ sec. cor.

Set temp. witness cor. to ¼ sec. cor. at this point.

40.00 True point for temp. ¼ sec. cor. falls in canal.

79.69 (Record dist.) Fall 11½ lks. S. of the reestablished cor.
of secs. 19, 24, 25 and 30, on the West bdy. of the Tp.,
hereinbefore described.

True course and dist. of the line bet. secs. 19 and 30
are therefore, S. 89° 51' W., 79.69 chs., and the reestab-
lished meander cor. of said secs. is on the true line.

The true point of intersection of said line with line
3-4 of the Bdy. of Farmer's Banco No. 501 is at 24.60
chs. S. 89° 51' W. from cor. of secs. 19, 20, 29 and 30, and
at 0.25 chs. S. 58° 5' E. from AP. or Cor. No. 3 of the
Banco Bdy.

Resurvey.

The reestablished cor. of secs. 29, 30, 31 and 32 is an iron
post, 2 ins. in diam., the top of which is buried 12
ins. below the surface of the ground, firmly set, and
properly marked on brass cap, and witnessed by one of
the record bearing trees:
a dead cottonwood, 36 ins. in diam., N. 83° E., 107 lks.
dist., marking obliterated.
No trace of any other bearing tree can be found.
U.S. Geological Survey monument, an iron post, 3 ins.
in diam., projecting 6 ins. above ground, firmly set,
marked on brass cap VRSLS 112184 bears N. 39¼° E.,
76 lks. dist.
An unmarked redwood post, 4 ins. square, projecting 6 ins.
above ground, firmly set, bears N. 47¼° E., 75 lks. dist.
An unmarked redwood post, 4 ins. square, the top of
which is buried 12 ins. below the surface of the
ground, bears N. 83° E., 6 lks. dist.

From above described sec. cor.,
N. 0° 49' W., on true line, bet. secs. 29 and 30.

Over level land, along middle of road.

0.34 Local road, bears E. and W.

1.30 Frame house, bears West about 1.50 chs. dist.

6.40 Frame house, bears East about 1.00 ch. dist.

20.40 Descend over a bank, 6 ft. high, bearing N. 70° E. and S. 70° W.

27.11 Intersect line 6-7 of the boundary of Farmer's Banco
No. 501 at a point 5.23 chs. S. 64° 48' W. from Angle Point
or Cor. No. 6 thereof, hereinafter described.

At this point of intersection,
set an iron post, 3 ft. long, 2 ins. in diam., 36 ins.
in the ground, with broken glass deposited at its base
for closing cor. of secs. 29 and 30 on Banco Bdy.,
marked on brass cap

FB 501

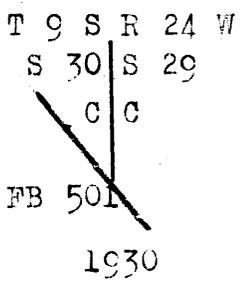
C	C
S 30	S 29
T 9 S	R 24 W

Resurvey of
Part of the Subdivision Lines of
Fractional Township 9 South, Range 24 West

BOOK 8884

chains

From this closing cor.,
a tapered cement monument, 10 ins. square at the top,
projecting 18 ins. above ground, firmly set, bearing an
iron plate 4 ins. square stamped IBC C de L, bears
N. 71° 25' W., 176 lks. dist.
Continue line and measurement.
Across Farmer's Banco No. 501.
27.90 Frame house, bears West about 3.00 chs. dist.
39.98 Intersect the reestablished 1/4 sec. cor., which is an iron
post, 1 in. in diam., projecting 3 ins. above ground,
firmly set, and properly marked on brass cap.
No accessories.
Continue line and measurement.
60.00 Frame house, bears West about 3.50 chs. dist.
Leave road, bears NW. Enter dense undergrowth,
bearing NW. and NE.
61.71 Intersect line 4-5 of the boundary of Farmer's Banco
No. 501 at a point 5.39 chs. S. 32° 10' E. from Angle
Point or Cor. No. 4 thereof, hereinafter described.
At this point of intersection,
set an iron post, 2 ins. in diam., 36 ins. in the ground,
with broken glass deposited at its base, for closing
cor. of secs. 29 and 30 on the Banco Bdy., marked on
brass cap



Pits impracticable.
Continue line and measurement.
Leave Farmer's Banco No. 501.
69.00 Irrigation ditch, 15 lks. wide, 3 ft. deep, course S. 60° E.
69.90 Wire fence, bears N. 60° W. and S. 60° E.
Leave undergrowth. Enter cultivated land.
77.20 Wire fence, bears NE. and SW.
78.60 Frame house, bears West about 1.50 chs. dist.
79.00 Telephone line, bears E. and W.
Leave cultivated land, bears E. and W.
79.60 Irrigation ditch, 5 lks. wide, 1 ft. deep, course W.
79.96 Intersect the reestablished cor. of secs. 19, 20, 29 and 30,
which is an iron post, 2 ins. in diam., the top buried
16 ins. below the surface of the ground, firmly set,
and properly marked on brass cap. No accessories.

Land, level.
Soil, sandy loam, 2nd rate.
Timber, none.
Undergrowth, arrowweed and mesquite, where noted.

S. 89° 51' W., on true line, bet. secs. 19 and 30.
Over level land, along road.

7.50 Frame house, bears North about 3.50 chs. dist.
14.00 Irrigation ditch, 15 lks. wide, 2 ft. deep, course SE.
Leave road which bears NW. along the ditch bank.
Another road bears SW. a short dist. and then turns
to SE.
16.50 Enter cultivated land, bears NW. and SE.
18.00 Intersect the reestablished meander cor. of secs. 19 and
30 on the original meanders of left bank of the Colo.
River, which is a redwood post, 6 ins. square, painted
white, firmly set, and marked with black paint:
S 19 on N. face, T 9 S R 24 W on E. face, S 30 on
S. face, and M C on W. face. No accessories.
This monument was probably set by U.S.R.S. Engineers

Resurvey of
Part of the Subdivision Lines of
Fractional Township 9 South, Range 24 West

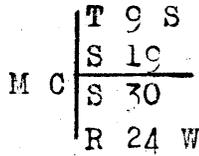
chains

subsequent to the 1920 reestablishment of the cor. by W.H.Thorn.

Excavation to base of post failed to reveal the iron post with brass cap, set by Thorn.

Reconstruct this monument as follows:

alongside and N. of wood post, set an iron post, 1 in. in diam., 48 ins. in the ground, with broken glass deposited at its base, for reestablished meander cor. of secs. 19 and 30, marked on brass cap



1930

Pits impracticable.

Continue line and measurement.

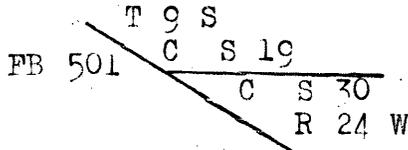
Over accretion land, along the North bdy. of the Cocopah Indian Reservation.

24.60

Intersect line 3-4 of the boundary of Farmer's Banco No. 501 at a point 0.25 chs. S. 58° 5' E. from Angle Point or Cor. No. 3 thereof, hereinafter described.

At this point of intersection,

set an iron post, 2 ins. in diam., 36 ins. in the ground, with broken glass deposited at its base, for closing cor. of secs. 19 and 30 on the Banco Bdy., marked on brass cap



1930

Pits impracticable.

Continue line and measurement.

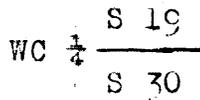
Within Farmer's Banco No. 501, along N. bdy. of Cocopah Indian Reservation.

39.40

U.S.R.S. telephone line, bears N. and S.

39.80

Set an iron post, 3 ft. long, 1 in. in diam., 38 ins. in the ground, with broken glass deposited at its base, for reestablished witness cor. to 1/4 sec. cor., marked on brass cap



1930

Pits impracticable.

This wit. cor. is in the middle of a local road, bearing N. and S. along the east bank of the West Canal.

39.95

Center of West Canal, 50 lks. wide, 4 ft. deep, course S. True point for 1/4 sec. cor. falls in the canal, where it is impracticable to monument the cor. therefore reestablish the witness cor. 20 lks. N. 89° 51' E. as described.

40.00

Enter dense undergrowth.

75.00

Leave undergrowth, and enter cleared land, bears N. and S.

79.69

Intersect the reestablished cor. of secs. 19, 24, 25 and 30 on the West bdy. of the Tp., hereinbefore described.

Land, level.

Soil, sandy silt and loam, 2nd rate.

Timber, none.

Undergrowth, arrowweed and mesquite, where noted.

Survey of Part of the Boundary of Farmer's Banco No. 501.

chains	<p>The Farmer's Banco No. 501 is a tract of land in Secs. 19, 29 and 30 of Frac. T. 9 S., R. 24 W., and Secs. 24 and 25 of Frac. T. 9 S., R. 25 W., the boundary of which was previously surveyed, monumented and platted as following the middle of an old channel of the Colo. River existant prior to the construction of the U.S.R.S. Levee along the East or left side of the river.</p> <p>The origin of the original survey and platting of this Banco is doubtfull, but in view of the fact that no field notes or plat of same are of record in the G.L.O., the retracing of part of its boundary, and the reconstruction of part of its monuments as described in the following notes is designated as a "Survey" by reason of being the first field work on such Banco Bdy. to be filed in the G.L.O. records.</p> <p style="text-align: center;">----- Retracement for Survey. -----</p> <p>Preliminary to the survey of part of the boundary of Farmer's Banco No. 501 retrace same from Angle Point or Cor. No. 2 to Angle Point or Cor. No. 8 thereof, the random lines, where flag on objective cor. is invisible, being run on the courses shown on the diagram which accompanies the instructions for this survey.</p> <p>From Angle Point or Cor. No. 2 of Banco, N. 89° 50' E., on random line, on line 2-3 of Banco Bdy. 63.62 Fall 30 lks. N. of Angle Point or Cor. No. 3 of Banco Bdy. True course and dist. of line 2-3 of Banco Bdy. are therefore, S. 89° 54' E., 63.62 chs.</p> <p>Thence S. 58° 5' E., on random line, for distance only, towards flag on objective cor. visible at such bearing. 7.15 Intersect closing cor. of Banco Bdy. on the original meanders (1874) survey) of the left bank of the Colo. River.</p> <p>Continue line and measurement. 26.12 Intersect Angle Point or Cor. No. 4 of Banco Bdy. True course and dist. of line 3-4 of Banco Bdy. are therefore, S. 58° 5' E., 26.12 chs., and the closing cor. thereof on the 1874 meander line is in proper alinement bet. Cors. 3 and 4 of Banco Bdy.</p> <p>Thence S. 31° 40' E., on random line, on line 4-5 of Banco Bdy. 26.00 (Distance as per diagram) Diligent search in this vicinity fails to reveal any trace of Angle Point or Cor. No. 5 of the Banco Bdy. Set temp. Cor. No. 5.</p> <p>Thence S. 17° 10' W., on random line, on line 5-6 of Banco Bdy. 17.15 (Distance as per diagram) Point from which Angle Point or Cor. No. 6 of Banco Bdy. bears N. 19½° W. 1.70 chs. dist.</p> <p>By proportion therefore, the true course and dist. of line 4-5 of Banco Bdy. are S. 32° 10' E., 25.00 chs., and of line 5-6 are S. 18° 33' W., 16.61 chs.</p> <p>From Angle Point or Cor. No. 6, S. 64° 48' W., on random line, for distance only, towards flag visible at such bearing on the objective cor. 26.85 Intersect Angle Point or Cor. No. 7 of Banco Bdy. True course and dist. of line 6-7 of Banco Bdy. are therefore, S. 64° 48' W., 26.85 chs.</p> <p>Thence N. 89° 20' W., on random line, on line 7-8 of Banco Bdy. 31.65 A point 60 lks. N. of closing cor. of Banco Bdy. on the 1874 meander line of the left bank of the Colo. River, probably established by U.S.R.S. Engineers.</p> <p>Continue line and measurement. 62.03 Fall 121 lks. N. of Angle Point or Cor. No. 8 of Banco Bdy.</p>
--------	--

Survey of
Part of the Boundary of Farmer's Banco No. 501.

- chains True course and dist. of line 7-8 of the Banco Bdy. are therefore, S. 89° 33' W., c2.03 chs.
Discontinue retracement for survey of the Banco Bdy. at this cor., as instructions do not provide for survey of line 8-9, line 9-1, and line 1-2, of the Bdy.
- Survey.

- Angle Point or Cor. No. 2 of the Banco Bdy. is a redwood post, 6 ins. square, projecting 3 ft. above ground, firmly set, unmarked, and badly charred by brush fires. No accessories.
Make no reconstruction of this cor. monument as it is situated on the river side of the U.S.R.S. Levee and is liable to destruction.
- Thence
S. 89° 54' E., on true line, on line 2-3 of Banco Bdy. Over level land, thru dense undergrowth, subject to overflows of the Colo. River.
- 7.10 West toe of U.S.R.S. Levee, bears N. and S. Leave overflow land and undergrowth, and ascend onto the levee.
- 7.40 Middle of U.S.R.S. single track railroad, bearing N. and S. on top of the levee.
Descend to
- 7.70 East toe of levee, bears N. and S. Intersect Angle Point No. 34 of the U.S.R.S. Levee Survey, reestablished as hereinbefore described. As this cor. monument now becomes a closing cor. of the Banco Bdy. on the Levee Survey, additionally mark the brass cap of the 2 in. iron post to read
- | | | | |
|---------|--|--------|----|
| | | T 9 S | |
| | | R 25 W | |
| U S R S | | S 24 | CC |
| A P 34 | | FB 501 | |
- 1930
- The U.S.R.S. Levee Survey, north and south from this cor., forms the West bdy. of Frac. T. 9 S., R. 25 W., and of secs. 24 and 25 thereof.
Continue line and measurement. Leave levee.
Over level, cleared accretion land of the Colo. River, in sec. 24, Frac. T. 9 S., R. 25 W.
- 8.77 Intersect closing cor. of secs. 19 and 24, on the range line, hereinbefore described.
Continue line and measurement.
In sec. 19, Frac. T. 9 S., R. 24 W.
- 13.80 Leave cleared land, and enter undergrowth, bears N. and S.
- 48.00 Center of West Canal, 50 lks. wide, 4 ft. deep, course S.
- 48.70 Road, bears N. and S.
- 49.10 U.S.R.S. telephone line, bears N. and S.
- 58.24 Leave undergrowth, and enter N. edge of cleared land, bearing N. and S.
- 63.62 Intersect Angle Point or Cor. No. 3 of the Banco Bdy., which is a redwood post, 5 ins. square, painted white projecting 2½ ft. above ground, unmarked, and firmly set. No accessories.
Reconstruct this cor. monument as follows:
alongside the wood post, set an iron post, 3 ft. long, 2 ins. in diam., 36 ins. in the ground, with broken glass deposited at its base, for Angle Point or Cor. No. 3 of Banco Bdy., marked on brass cap

T9S R24W
S19

AP 3
FB 501

1930

Survey of
Part of the Boundary of Farmer's Banco No. 501

chains

Pits impracticable.

Land, level.
Soil, sandy silt, and loam, 2nd rate.
Timber, none.
Undergrowth, scrub mesquite and arrowweed, where noted.

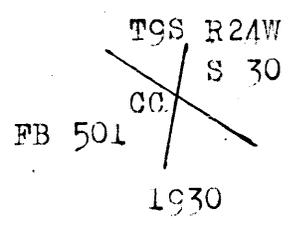
From Angle Point or Cor. No. 3 of Banco Bdy.,
S. 58° 5' E., on true line, on line 3-4 of Banco Bdy.
Over level, cultivated, accretion land, in sec. 19.

0.25 Intersect the closing cor. of secs. 19 and 30, on the
subdivision line bet. said secs., hereinbefore
described.

Continue line and measurement. In sec. 30, and within
the Cocopah Indian Reservation.

7.15 Intersect the closing cor. of Banco Bdy. on the 1874
meanders of the left bank of the Colo. River, which
is a redwood post, 4 ins. square, painted white,
projecting 3 ft. above ground, firmly set, and marked
with black paint, S 30 on N. face, T9S R24W on E.
face, FB on S. face, and CC on W. face. No accessories.

Reconstruct this cor. monument as follows:
alongside wood post, set an iron post, 3 ft. long,
2 ins. in diam., 36 ins. in the ground, with broken glass
deposited at its base, for closing cor. of the Banco
Bdy. on the 1874 meander line, marked on brass cap



Pits impracticable.

Continue line and measurement.

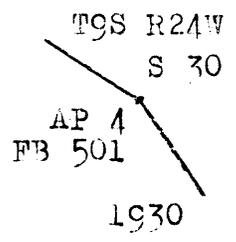
Leave the Cocopah Indian Reservation, and accretion land.

13.20 Irrigation ditch, 8 lks. wide, 1 ft. deep, course S.
Leave cultivated land, bearing N. and S.

22.50 Road, bears NW. and SE.

26.12 Intersect Angle Point or Cor. No. 4 of Banco Bdy., which
is a redwood post, 4 ins. square, painted white,
projecting 2½ ft. above ground, firmly set, and unmarked.
No accessories.

Reconstruct this cor. monument as follows:
alongside wood post, set an iron post, 3 ft. long,
2 ins. in diam., 36 ins. in the ground, with broken
glass deposited at its base, for Angle Point or Cor.
No. 4 of Banco Bdy., marked on brass cap



Pits impracticable.

Land, level.
Soil, sandy silt, 2nd rate.
Timber, none.
Undergrowth, none.

Survey of
Part of the Boundary of Farmer's Banco No. 501

chains	<p>From Angle Point or Cor. No. 4 of Banco Bdy., S. 32° 10' E., on true line, on part of line 4-5 of the Banco Bdy, in sec. 30, Frac. T. 9 S., R. 24 W. Over level, cleared land, previously cultivated.</p>
5.39	<p>Intersect the closing cor. of secs. 29 and 30 on Banco Bdy., hereinbefore described.</p> <p>In accordance with instructions, discontinue survey of line 4-5 of Banco Bdy. at this C.C., and do not reestablish the missing Angle Point or Cor. No. 5 of the Banco Bdy.</p> <p>Land, level. Soil, sandy silt, 2nd rate. Timber, none. Undergrowth, none.</p> <p style="text-align: center;">-----</p> <p>Angle Point or Cor. No. 6 of Banco Bdy. is a redwood post 5 ins. square, painted white, projecting 3 ft. above ground, firmly set, and unmarked. No accessories. In accordance with instructions, do not reconstruct this cor. monument.</p> <p>Thence, S. 61° 48' W., on true line, on line 6-7 of Banco Bdy., in sec. 29, Frac. T. 9 S., R. 24 W. Over level open land.</p>
5.23	<p>Intersect the closing cor. of cor. of secs. 29 and 30, on the S. $\frac{1}{2}$ of subdivision line bet. said secs., herein- before described.</p> <p>Continue line and measurement. In sec. 30, Frac. T. 9 S., R. 24 W.</p>
5.40	Road, bears N. and S.
5.60	Enter cultivated land, bears N. and S.
26.85	<p>Intersect Angle Point or Cor. No. 7 of Banco Bdy., which is a redwood post, 5 ins. square, painted white, projecting 2 ft. above ground, firmly set, and unmarked. No accessories.</p> <p>Reconstruct this cor. monument as follows: alongside wood post, set an iron post, 3 ft. long, 2 ins. in diam., 36 ins. in the ground, with broken glass deposited at its base, for Angle Point or Cor. No. 7 of Banco Bdy., marked on brass cap</p> <div style="text-align: center;"> <p>FB 501</p> <p>AP 7</p> <hr style="width: 10%; margin: 0 auto;"/> <p>T9S R24W</p> <p>S 30</p> <p>1930</p> </div> <p>Pits impracticable.</p> <p>Land, level. Soil, sandy silt and loam, 2nd rate. Timber, none. Undergrowth, none.</p> <p style="text-align: center;">-----</p>
20.00	<p>S. 89° 33' W., on true line, on line 7-8 of Banco Bdy., in sec. 30, Frac. T. 9 S., R. 24 W. Over level, cultivated land.</p> <p>Top of bank, 20 ft. high, bearing N. and S. along east side of West Canal.</p>
20.27	Center of West Canal, 50 lks. wide, 6 ft. deep, course S.
23.50	Local road, bears N. and S. along foot of canal bank.
31.65	<p>A point 2 lks. S. of a closing cor. of Banco Bdy. on the 1874 meander line of the left bank of the Colo. River, which is a redwood post, 6 ins. square, painted white, projecting 2 $\frac{1}{2}$ ft. above ground, firmly set, and marked with black paint, FB on N. face, T9S R24W on E. face,</p>

Survey of Part of the Boundary of Farmer's Banco No.501

chains

S 30 on S. face, and CC on W. face. No accessories.

In accordance with instructions do not reconstruct this closing cor. or monument the true point of intersection of the Line 7-8 of Banco Bdy. with the 1874 meander line.

60.00

Intersect the closing cor. of secs.25 and 30, on the range line, hereinbefore described

Continue line and measurment.

In sec.25, Frac.T.9 S.,R.25 W.

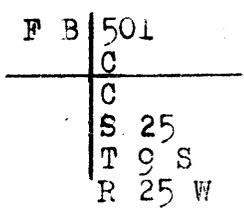
61.70

Road, bears N. and S. along toe of U.S.R.S. Levee. Leave cultivated land.

61.94

Intersect the U.S.R.S. Levee Survey at a point 7.00 chs. North from Angle Point No.33 thereof,hereinbefore described.

at this point of intersection, set an iron post, 3 ft.long, 2 ins.in diam.,30 ins. in the ground, with broken glass deposited at its base, for closing cor. of Banco Bdy. on the Levee Survey or W. bdy.of sec.25, marked on brass cap



1930

Pits impracticable.

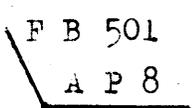
The U.S.R.S. Levee Survey, hereinbefore described, north and south from this cor.,forms the West bdy.of Frac.T.9 S.,R.25 W., and of sec.25 thereof.

Continue line and measurement, over unsurveyed land. Leave level land, and ascend on the east slope of the Levee to

62.03

Intersect Angle Point or Cor.No.8 of the Banco Bdy., which is a redwood post,5 ins.square,painted white, projecting 3 ft.above ground,firmly set and unmarked. No accessories.

Reconstruct this cor.monument as follows: alongside the wood post, set an iron post, 3 ft.long, 2 ins.in diam.,30 ins.in the ground,with broken glass deposited at its base, for Angle Point or Cor.No.8 of the Banco Bdy., marked on brass cap



1930

Pits impracticable.

Discontinue survey of the Banco Bdy.at this cor. According to diagram,line 8-9 of Banco Bdy. extends N.16°40'W. to left bank of the Colo. River.

Land, level. Soil, sandy loam, 2nd rate. Timber, none. Undergrowth, none.

Boundary of that Part of
Farmer's Banco No. 501 lying East of U.S.R.S. Levee
Latitudes, departures and closing errors.

Line designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
U.S.R.S. Levee	North	62.67	62.67			
Line 2-3	S. 89° 54' E.	55.92		.10	55.92	
Line 3-4	S. 58° 5' E.	26.12		13.81	22.17	
Line 4-5	S. 32° 10' E.	25.00		21.16	13.31	
Line 5-6	S. 18° 33' W.	16.61		15.75		5.28
Line 6-7	S. 64° 48' W.	26.85		11.43		24.29
Line 7-8	S. 89° 33' W.	61.94		.49		61.94
Convergency					.01	
Totals			62.67	62.74	91.41	91.51
				62.67		91.41
Error in latitude			0.07			
Error in departure			0.10			
Part in Section 19, Frac. T.9 S., R.24 W.						
Line designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
West bdy. of Tp.	North	.515	.515			
Line 2-3	S. 89° 54' E.	54.85		.10	54.85	
Line 3-4	S. 58° 5' E.	0.25		.13	.21	
Sub. line 19-30	S. 89° 51' W.	55.09		.14		55.09
Convergency					.00	
Totals			.515	.370	55.06	55.09
			.370			55.06
Error in latitude			0.145			
Error in departure			0.03			
Part in Section 30, Frac. T.9 S., R.24 W.						
Line designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
West Bdy. of Tp.	N. 1° 20' W.	22.30	22.29			.52
West Bdy. of Tp.	N. 0° 32' W.	39.90	39.90			.37
Sub. line 19-30	N. 89° 51' E.	55.09	.14		55.09	
Line 3-4	S. 58° 5' E.	25.87		13.68	21.96	
Line 4-5	S. 32° 10' E.	5.39		4.57	2.87	
Sub. line 29-30	S. 0° 49' E.	34.60		34.60	.49	
Line 6-7	S. 64° 48' W.	21.62		9.20		19.54
Line 7-8	S. 89° 33' W.	60.00		.47		60.00
Convergency					.01	
Totals			62.33	62.52	80.42	80.43
				62.33		80.42
Error in latitude			0.19			
Error in departure			0.01			

Resurvey of
Part of the Subdivision lines of
Fractional Township 9 South, Range 25 West.

chains

The subdivision lines of Frac.T.9 S.,R.25 W. were surveyed by T.F.White,U.S.D.S. in 1874, who also at the same time surveyed the meanders of the left bank of the Colo.River thru this Tp.,forming a northwestern bay. for the Tp. and for frac. secs.25,35 and 36.

No retracement or resurvey of any part of the subdivision lines surveyed by White, is of record in C.L.O.

The construction of the U.S.Reclamation Levee, northeasterly thru the SE. cor.of frac.sec.36, and northerly thru secs.25 and 24 of this Frac.Tp., placed all of the original subdivision lines of the Tp. on the river side of the levee, and they are now subject to overflow.

In 1918 and 1920, A.W.Brown and W.H.Thorn,U.S.Cadastral Engineers, surveyed the U.S.R.S. Levee thru this Tp.and made an extension survey of the range line northerly from the 1874 meander line to intersection with the levee at point between secs.19 and 24, resulting in the creation of a narrow strip of accretion land between the range line and the levee. This strip was divided bet. secs.24 and 25 of Frac.T.9 S.,R.25 W. by the survey of the subdivision line executed by W.H.Thorn in 1920.

No resurvey of the subdivision line bet. secs.24 and 25 is of record in the G.L.O.

The following notes describe a resurvey of said sub. line, necessitated by the reestablishment of the missing cor.of secs.19,24,25 and 30 on the range line,as hereinbefore described.

From reestablished cor.of secs.19,24,25 and 30, Frac. Ts.9 S.,Rs.24 and 25 W.,hereinbefore described, West, on true line, bet. secs.24 and 25, toward flag on C.C. visible at such bearing.

Over level, cleared, accretion land of the Colo.River.

1.07 Intersect the original closing cor.of secs.24 and 25, Frac.T.9 S.,R.25 W.,on the U.S.R.S. Levee Survey, at the east toe of the levee.

This C.C. monument is an iron post, 2 ins.in diam., firmly set in ground with its top flush with surface, and properly marked on brass cap. No accessories. No reconstruction or alteration of this monument is required.

Land, level.
Soil, light sandy silt, 2nd rate.
Timber, none.
Undergrowth, none.

The continued satisfactory adjustment of the solar apparatus of the instrument used throughout the surveys described in the foregoing field notes, is indicated from field tests of same described in Book "E" of this group.

GENERAL DESCRIPTION.

The land in secs.19 and 30 of Frac.T.9 S.,R.24 W., and secs.24 and 25 of Frac.T.9 S.,R.25 W. is all level or nearly level, and would be overflowed by the Colorado River during flood stages if it were not protected as it is by the U.S.Reclamation Service levee. The elevation above mean sea level is between 50 and 100 ft.

The soil is a deep sandy silt generally, but in some places loam heavily mixed with sand is found. The soil apparently has been deposited by the Colorado River.

The major portion of the land is or has been under cultivation. At the present time cotton is the principal crop being raised. Six or eight families are living in section 30.

The boundary of the Farmer's Banco No. 501 follows an old channel of the Colo. River, the left bank of which is fairly well defined in most places.

The Cocopah Indian Reservation embraces the greater part of the area within the said Banco. The reservation is bounded on the east by the meridional sixteenth sec. line of the east half of sec. 30; on the south by the latitudinal sixteenth sec. lines of secs. 25 and 30; on the north by the subdivision lines, bet. secs. 19 and 30, and bet. secs. 24 and 25; and on the west by the center line of the Colo. River which is the international boundary bet. the United States and Mexico.

 Boundary of that Part of
 Farmer's Banco No. 501 situated in Frac. T. 9 S., R. 25 W.
 Latitudes, departures and closing errors.

Line designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
U.S.R.S. Levee	North	62.67	62.67			
Line 2-3	S. 89° 54' E.	1.07			1.07	
East Bdy. of To.	South	.515		.515		
" " " "	S. 0° 32' E.	39.90		39.90	.37	
" " " "	S. 1° 20' E.	22.30		22.295	.52	
Line 7-8	S. 89° 33' W.	1.94		.015		1.94
Totals			62.67	62.725	1.96	1.94
				62.67	1.94	
Error in latitude			0.055			
Error in departure					0.02	

BOOK 3884

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Francis E. Joy U.S. Cadastral Engineer, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer, for Group 156, Arizona

bearing date of the 12th day of October, 1929, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-

tions, and the laws of the United States, ~~surveyed~~ ^{RETRACED} all those parts or portions of the original meanders of the Left Bank of the Colo. River, in secs. 30 and 25, Frac. Ts. 9 S., Rs. 24 & 25 W., and the U.S.R.S. Levee in secs. 24 and 25,

Frac. T. 9 S., R. 25 W., and in sec. 19, Frac. T. 9 S., R. 24 W. RESURVEYED all those parts or portions of the West boundary and subdivision

lines of Frac. T. 9 S., R. 24 W., and Subdivision Lines of Frac. T. 9 S., R. 25 W.

and SURVEYED all those parts or portions of the boundary of Farmers Banco No. 501 in secs. 19 and 30 of Frac. T. 9 S., R. 24 W., and in secs. 24 and 25 of Frac. Township 9 South, Range 24 West of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in

and by diagram on page 2 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said retracement, resurvey

and survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the supplemental special written instructions of the District Cadastral Engineer, for Group 156, Arizona

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such retracement, resurvey and survey.

Place: San Francisco, California, Date: September 4, 1930.

Francis E. Joy U.S. Cadastral Engineer. ~~U.S. Surveyor~~

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colo., March 7, 1931.

The foregoing field notes of the retracement of part of the original meanders of the Left bank of the Colo. River in secs. 30 and 25, Frac. Ts. 9 S., Rs. 24 and 25 W., and of part of the U.S.R.S. Levee along left side of the Colo. River in secs. 24 and 25, Frac. T. 9 S., R. 25 W., and in sec. 19, Frac. T. 9 S., R. 24 W.

of the resurvey of part of the West boundary and part of the Subdivision of Frac. T. 9 S., R. 24 W., and part of the Subdivision lines of Frac. T. 9 S., R. 25 W.

and of the survey of part of the Boundary of Farmer's Banco No. 501 in secs. 19 and 30 of Frac. T. 9 S., R. 24 W., and in secs. 24 and 25 of Fractional Township 9 South, Range 25 West of the Gila and Salt River Base and Meridian, State of Arizona.

executed by Francis E. Joy, U.S. Cadastral Engineer.

supplemental under special instructions dated October 12, 1929, for Group 156, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the retracements, resurveys and surveys they describe, are hereby approved.

U.S. Supervisor of Surveys.

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.

U.S. Supervisor of Surveys.