

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

of the

Limited Dependent Resurvey

and

Accretion Survey,

Township 8 South, Range 23 West

Of the Gila & Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald A. Cannon and Gerald F. Pittman, Cadastral Surveyors

and

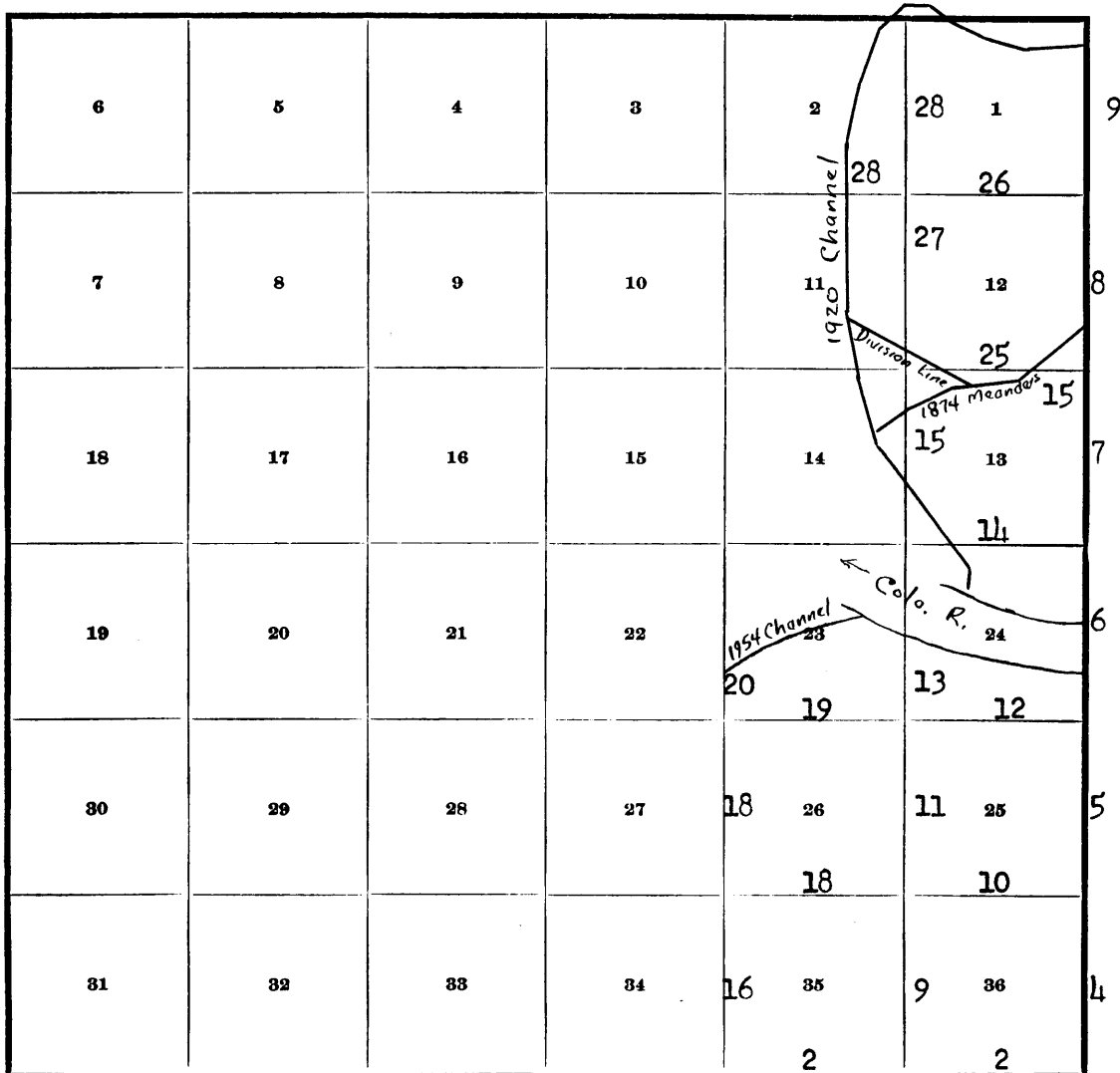
Leonard W. Murphy, Surveying Technician

supplemental September 15, 1960
Under special instructions dated November 3, 1960, 19....., which provided
December 26, 1961 September 22, 1960
for the surveys included under Group No. 355, approved November 9, 1960
December 29, 1961
and assignment instructions dated September 26, 1960

Survey commenced October 11, 1960
January 12, 1962
Survey completed January 15, 1961
January 12, 1962

BOOK 4624
INDEX DIAGRAM

Township 8 South, Range 23 West



16-56770-1

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Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

Township 8 South, Range 23 West, Gila & Salt River Meridian, is fractional, being bounded in part on its northerly side by T. 16 S., R. 22 E., San Bernardino Meridian, as surveyed by H. Poole, Deputy Surveyor, in 1855, and in part by the left descending bank of the Colorado River. The township was originally surveyed by T. F. White, Deputy Surveyor, in 1874, as shown upon the official plat approved April 18, 1874. In 1949, Q. R. Campbell, Cadastral Engineer, resurveyed that part of the easterly two tiers of sections north of the Colorado River and surveyed the lands added thereto by accretion since the date of the original surveys, as shown upon the plat accepted September 7, 1951. That work also included the monumentation of the considered left bank of the 1920 position of the Colorado River as it existed prior to the avulsive movement of the river as of that date. In 1960-61, a dependent resurvey of the easterly two tiers of sections, embracing lands both north and south of the present position of the river, was executed by Donald A. Cannon and Gerald F. Pittman, Cadastral Surveyors, as shown upon the plat accepted August 28, 1961. These two resurvey plats were suspended November 16, 1961.

Suspension of the two noted plats was predicated upon the revelation of the heretofore unnoted act of January 27, 1894, in which the United States had granted to the Territory of Arizona those lands in secs. 12, 13, 14, 15, 22, 23, 24 and 25 which were situated between the Gila and Colorado Rivers as originally surveyed.

A subsequent review and study of the historical positions of the Colorado River disclosed that at the time of the grant, the river had apparently moved northerly and westerly by normal processes of erosion and accretion from its 1874 position in such a manner as to have added an area of approximately 630 acres of land. It has been held, within established Department principles, that the added lands were of such size and shape that they did not pass to the Territory under provisions of the grant.

Between 1894 and 1920 additional lands were formed through further movement of the river. In 1920 the Colorado abandoned its channel in the created ox-bow loop by a natural avulsive movement across its base.

The following field notes are those of a dependent resurvey of a portion of the south boundary, the east boundary and a portion of the subdivisional lines designed to restore the corners thereof in their original positions according to the best available evidence; the survey of those accretion lands held to be unconveyed public lands; and, the limited subdivision of secs. 23 and 24 to delineate the public lands therein. The surveys have been made at the request of the Bureau of Reclamation to meet administrative needs of that agency.

The surveys were executed with Gurley transits constructed in accordance with standard instrumental specifications of the Bureau. The instruments were maintained in good adjustment throughout the survey. The lines, as reported, are true as determined from frequent astronomical observations and carried forward by normal transit methods. The chaining was accomplished with narrow-band steel tapes, eight chains in length, which had been compared with a standard tape and found correct. All distances reported are based upon horizontal measurements.

The geographic position of the SE. corner of the township is $32^{\circ} 41' 04''$ N. latitude and $114^{\circ} 33' 49''$ W. longitude, as scaled from the Geological Survey's topographic quadrangle map, Yuma East - 1952.

The magnetic declination from the same source is reported to be $11\frac{1}{2}^{\circ}$ East.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

Dependent Resurvey of a Portion of the
South Boundary, T. 8 S., R. 23 W.

Reestablishment of the Survey Executed by
T. F. White, D. S., in 1874.

Beginning the dependent resurvey of a portion of the south boundary at the cor. of Ts. 8 and 9 S., Rs. 22 and 23 W., which is monumented by an iron post, 2 1/2 ins. in diam., set, mkd. and witnessed as described in the concurrent resurvey of T. 8 S., R. 22 W.

S. 89° 30' W., bet. secs. 1 and 36.

Over nearly level top of Yuma Mesa, through scattered undergrowth.

40.12

Point for the 1/4 sec. cor. of secs. 1 and 36 is marked by a redwood post, 4 x 4 ins., 18 ins. long, set 18 ins. in the ground. This post is used as the corner by the adjacent property owners and is accepted as the best available evidence of the original corner.

At the point for corner

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 2 1/2 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W
S 36
1/4
S 1
T9S
1960

Reset the redwood post alongside.

S. 89° 30' W., beginning new measurement.

23.30

El Paso Natural Gas Co. gas transmission line, bears N. 60° W. and S. 60° E.

38.00

Spur railroad track, from Southern Pacific RR, bears NE.

39.98

Point for the cor. of secs. 1, 2, 35 and 36, is marked by an iron rod, 4 ft. long, 1/2 in. in diam., driven flush with the ground. This point is accepted as the best available evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 2 1/2 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W
S35 S36
S 2 S 1
T9S
1960

Reset the iron rod alongside.

Land, nearly level top of Yuma Mesa.
Soil, sandy loam.
Undergrowth, scattered greasewood.

S. 89° 28' W., bet. secs. 2 and 35.

Over nearly level land.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R., Mer., Arizona

Chains

- 0.20 Enter East Yards of the Southern Pacific Railroad; continue over 13 sets of tracks, bearing N. 75° W. and S. 75° E.
- 13.20 Leave railroad yard; continue along S. side of yard and N. side of improved road.
- 18.40 Center of improved road; thence along same.
- 39.20 Intersection of roads, bearing N., S. and E.; leave road and enter cleared lands.
- 40.00 Irrigation canal, concrete lined, 20 lks. wide, 4 ft. deep, flowing NW.
- 40.08 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35, at proportionate distance; there is no remaining evidence of the original corner. The point falls in the irrigation canal where a monument cannot be set.
- 40.28 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., in concrete, with brass cap mkd.

T8S R23W
 $\frac{1}{4}$ $\frac{S35}{S2}$ W
 1960

from which

An "X" chiseled on the edge of a concrete head ditch, mkd.
 RP X 29.1 FT, bears S. 14° 28' E., 44.1 lks. dist.

An "X" chiseled on the E. rim of the concrete lined canal, mkd.
 RP X 45.4 FT, bears N. 23° 21' E., 68.8 lks. dist.

Continue along N. side of canal, flowing W.

- 80.16 The point for the cor. of secs. 2, 3, 34 and 35, marked by a Bureau of Reclamation iron post, 2 ins. in diam., with top set 30 ins. below the ground surface, with brass cap mkd.

T8S R23W
 S34 | S35
 S 3 | S 2
 T9S

The post is accepted as the best available evidence of the original survey. As it is in good condition and properly marked, the point was not re-monumented.

Land, nearly level top of Yuma Mesa.
 Soil, sandy loam.
 Timber, none.
 Undergrowth, some scattered greasewood.

Discontinue the resurvey of the S. bdy.

Dependent Resurvey of the East Boundary,
 T. 8 S., R. 23 W.

Reestablishment of the Surveys
 executed by T. F. White, in 1876
 and Surveys and Resurveys by
 Q. R. Campbell, in 1949

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

From the cor. of Ts. 8 and 9 S., Rs. 22 and 23 W.

N. 0° 22' W., bet. secs. 31 and 36.

Over nearly level top of Yuma Mesa, through scattered undergrowth.

0.40 Power line, bears E. and W.

5.40 Power line, bears N. 80° W. and S. 80° E.

13.60 N. edge of Yuma Mesa, bears E. and W.; descend 70 ft. over N. slope.

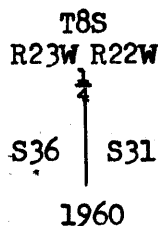
22.50 Base of mesa.

22.95 Canal, 70 lks. wide, 6 ft. deep, flowing SW. from E.; enter nearly level cultivated land.

40.03 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36 is marked by an iron pipe, 1 in. in diam., 14 ins. long, set flush with the ground, in center of lanes bearing N. and W. The pipe is accepted as the best available evidence of the original corner.

At the point for corner

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, in concrete, with brass cap mkd.



from which

A cross (+), chiseled in the S. headwall of bridge across irrigation ditch, marked RP 38 FT, bears S. 40° 20' W., 57.6 lks.

A cross (+), chiseled in the N. headwall of same bridge, mkd. RP 27 FT, bears N. 81° 48' W., 40.9 lks. dist.

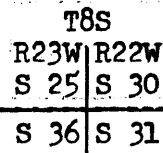
The pipe was set alongside.

N. 0° 23' W., beginning new measurement.

Continue along lane with cultivated fields on either side.

39.33 Power line, bears E. and W.

40.04 The point for the cor. of secs. 25, 30, 31 and 36, in center of U.S. Highway No. 95, is marked by a Bureau of Reclamation brass cap, set in concrete, 6 ins. below the road surface; and in an 8 inch riser, with brass cap mkd.



from which

A 4 x 4 angle iron, as a highway boundary marker, projecting 3 ft. above ground, marked 202 + 39.65, bears N. 34° 30' W., 92.4 lks. dist.

A bronze tablet, 2 ins. in diam., set in concrete, as a high-

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23.W., G. & S. R. Mer., Arizona

Chains

way boundary marker, mkd. Arizona Highway Dept. Elev. 138.31
Sta 202 + 39.65, bears S. $34^{\circ} 00'$ E., 91 lks. dist.

Land, nearly level mesa top and bottomland.
Soil, sandy loam and sand.
Timber, scattered cottonwood in the bottom.
Undergrowth, scattered greasewood on mesa.

N. $0^{\circ} 07'$ W., bet. secs. 25 and 30.

Over level bottom, along lane bearing N., with cultivated fields on either side.

0.76 Power line, bears E. and W. along Highway No. 95.

40.05 The point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, in center of lane, is marked by a Bureau of Reclamation iron post, 1 in. diam., set 42 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S 25 | S 30
1951

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 42 ins. in the ground, with brass cap mkd.

T8S R23W
 $\frac{1}{4}$
S 25 | S 30
1960

from which

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, with brass cap mkd. T8S R22W S30 RM 46.2 FT 1960, with arrow pointing to the corner, bears S. $45^{\circ} 00'$ E., 70 lks. dist.

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, with brass cap mkd. T8S R23W S25 RM 46.2 FT 1960, with an arrow pointing to the corner, bears S. $45^{\circ} 00'$ W., 70 lks. dist.

N. $0^{\circ} 07'$ W., beginning new measurement.

15.03 Point for the record meander cor. of secs. 25 and 30, on the left bank of the Gila River, at proportionate dist.; there is no remaining evidence of the original corner.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, in concrete, with brass cap mkd.

M C
S 25 | S 30
R23W | R22W
T8S
1960

The corner falls in lane.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

25.50

Point for the medial line of the Gila River, as originally surveyed, bet. the left and right banks thereof.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., $4\frac{1}{2}$ ins. in the ground, in concrete, for special meander cor. of secs. 25 and 30, with brass cap mkd.

T8S
R23W R22W
S 30
S 25
SMC
1960

The corner falls in lane.

35.97

Point for the record meander cor. of secs. 25 and 30, on the right bank of the Gila River, at proportionate distance; there is no remaining evidence of the original corner. The point was not remonumented.

40.08

The point for the cor. of secs. 19, 24, 25 and 30, marked by a Bureau of Reclamation iron post, 2 ins. in diam., set, mkd. and witnessed as described in the official record of the 1949 resurvey.

Land, nearly level bottom of the Gila valley.

Soil, sandy loam.

Timber, scattered cottonwoods.

Undergrowth, none.

N. $0^{\circ} 03'$ W., bet. secs. 19 and 24.

Over level land, through a hedge row bearing N. and S., with a lane to W.

22.29

Left bank of the Colorado River, bearing N. $57^{\circ} 02'$ W. and SE.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, for meander cor. of sec. 19, with brass cap mkd.

M C
S 24 S 19
R23W R22W
T8S
1960

Set a redwood post, 6 ft. long, 4 ins. sq., 2 ft. in the ground, alongside the post to S., as a guard stake.

Thence crossing the river.

39.985

Point for the record $\frac{1}{4}$ sec. cor. of secs. 19 and 24, at proportionate dist.; falls in river.

45.03

Right bank of the Colorado River, bearing S. 85° E. and N. 85° W., and point for meander cor. The point falls on a 6 ft. bank where the monument would not be perpetuated.

Enter dense undergrowth and scattering timber.

46.97

The witness $\frac{1}{4}$ sec. cor. of secs. 19 and 24, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

- 47.07 The witness meander cor. of secs. 19 and 24, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.
- 60.02 Irrigation ditch, 2 ft. deep, 20 lks. wide, flowing E.
- 61.02 S. edge of field, bears E. and W.
- 77.00 N. edge of field, bears E. and W.
- 78.23 Centerline of new government levee and intersect a 3 in. Bureau of Reclamation brass cap set in concrete block, 6 ins. square, 10 ins. below surface of road on top of levee, with cap mkd.

U. S. B. R.
P.O.T. & P.O.S.L.
Sta.
470 + 14.33
1953

A road extending N. and S., bears W., 1.15 chs. dist.

An irrigation ditch extending N. and S., bears W., 1.90 chs. dist.

- 79.97 The point for the cor. of secs. 13, 18, 19 and 24, mkd. by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

Land, level river bottom.

Soil, river silt and sand.

Timber, scattered cottonwoods.

Undergrowth, salt cedar, arrowweed, willow and mesquite.

N. 0° 03' E., bet. secs. 13 and 18.

Over level bottom, through dense undergrowth; an irrigation ditch flowing N. parallels the line about 1.90 chs. to the W., with roadways on each side.

- 19.90 Leave undergrowth; enter cultivated fields.
- 29.94 Irrigation ditch, 4 ft. deep, 30 lks. wide, flowing W.
- 30.15 Power line, E. and N. along line; an irrigation well bears E., 10.15 chs. dist.
- 39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, is marked by a mutilated iron post, 2 ins. in diam., in a broken concrete cone, as established in the 1949 surveys.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 40 ins. in the ground, with a collar of granite stones, with brass cap mkd.

T8S
R23W R22W

$\frac{1}{4}$

S 13 | S 18

1960

The post is set in the intersection of unimproved roads extending N., S., E. and W.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. 0° 03' E., beginning new measurement.

Over level land, about 1 ft. west of power line. An unimproved road wanders along line.

40.00 The cor. of secs. 7, 12, 13 and 18, marked by an iron post, 3 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys. The monument is set at the base of a power line pole.

Land, sedimentary river bottom.

Soil, silt.

Timber, scattered cottonwood, mesquite and willow.

Undergrowth, arrowweed.

N. 0° 01' W., bet. secs. 7 and 12.

Over level land, about 1 ft. W. of power line.

19.00 Point for the 1874 record meander line of the left bank of the Colorado River, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

From this point the 1949 survey record calls for a Bureau of Reclamation bench mark, N. 44° 38' E., 3.96 chs. dist. No evidence of the BM could be found at this time.

Continue with same line and measurement, over lands formed since the original survey.

23.90 Irrigation ditch, paralleling this line, turns W.

40.00 An iron post, 2 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.

A house bears S. 72° 19' W., 37.25 chs. dist.

N. 0° 01' W., beginning new measurement.

Over level land, along power line. An unimproved road wanders along the line.

7.35 Unimproved road, bears E. and W.; continue through cultivated field.

17.76 Power line, E., W. and S.

24.70 Unimproved road, bears S. 65° E. and N. 65° W.

25.80 Irrigation ditch, 3 ft. deep, 25 lks. wide, flowing S. 65° E.

40.03 An iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys, for the cor. of secs. 1, 6, 7 and 12.

An irrigation well bears S. 43° 50' W., 14.77 chs. dist.

Land, level.

Soil, sedimentary silt.

Timber, none.

Undergrowth, none.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. 0° 01' E., bet. secs. 1 and 6.

Over cultivated fields.

2.90 Irrigation ditch, 3 ft. deep, 30 lks. wide, flowing S. 75° E.

19.30 Unimproved road, bears E. and W.

33.63 High tension line, 5 wires, bears N. 86° 08' E. and S. 86° 08' W.
A service road follows the power line.

40.01 An iron post, 2 ins. in diam., in concrete cone, 6 ins. in diam.,
set, mkd. and witnessed as described in the record of the 1949 sur-
veys, as the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.

The post is set in cor. of fences extending E. and N. along
line.

N. 0° 01' E., beginning new measurement.

Cultivation to E. and abandoned fields to W.

16.00 End of cultivation E. of line; continue through undergrowth.

29.30 Angle Point No. 27 on the left bank of the Colorado River channel
abandoned in 1920, which is marked by an iron post, 3 ins. in diam.,
in concrete cone, 6 ins. in diam., set, mkd. and witnessed as
described in the record of the 1949 surveys.

From this point, the cor. of frac. secs. 16 and 17, and Angle
Point No. 46, on the right bank of the 1920 abandoned channel,
T. 16 S., R. 23 E., S. B. M., California, bears N. 0° 23' W.,
16.17 chs. dist., described in the field notes of the resurveys
of that township executed concurrently.

Land, level bottom.

Soil, silt and sand.

Timber, scattered cottonwoods and willows.

Undergrowth, arrowweed, salt cedar and mesquite.

Dependent Resurvey of a Portion of the Subdivisions,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Reestablishment of the Surveys
Executed by T. F. White, in 1874.

From the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp.

N. 0° 28' W., bet. secs. 35 and 36.

Over nearly level top of Yuma Mesa.

0.50 Road, bears N. and N. 70° W.; portion to the N. is macadam surfaced.
Thence along center of road.

4.50 El Paso Natural Gas Co. transmission pipe line, bears N. 70° W. and
S. 70° E.

34.00 N. edge of Yuma Mesa, bears E. and W.; desc. 20 ft. over N. slope.

40.01 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36, marked by a railroad
spike driven flush with the road surface. This point is accepted
as the best available evidence of the position of the original cor.

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Chains

At the corner point

Set a Copperweld survey marker, flush with the surface of the road, in concrete, with top marked.

USBLM

T8S

$\frac{1}{4}$

S 35 | S 36

R23W

1960

from which

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., set 24 ins. in the ground, in concrete, with brass cap mkd. T8S R23W S36 RM 45.2 FT 1960, with an arrow pointing to the corner, bears N. $45^{\circ} 00'$ E., 68.5 lks. dist.

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., set 24 ins. in the ground, in concrete, with brass cap mkd. T8S R23W S36 RM 45.2 FT 1960, with an arrow pointing to the corner, bears N. $45^{\circ} 00'$ W., 68.5 lks. dist.

N. $0^{\circ} 14'$ W., beginning new measurement.

Desc. 40 ft. over N. slope, along center of macadam road.

Base of Yuma Mesa, bears E. and W.; continue over nearly level bottom.

39.92

Point for the cor. of secs. 25, 26, 35 and 36, marked by a Bureau of Reclamation brass cap, set 6 ins. below the surface of road, in concrete and in an 8 in. riser, in the center of U. S. Highway No. 95, bearing E. and W., with brass cap mkd.

T8S R23W

S26 | S25

S35 | S36

from which

An Arizona State Highway Dept. bronze marker, 2 ins. in diam., set in concrete, mkd. HWY RofW POT 148 + 84.40, bears S. $34^{\circ} 16'$ W., 91.9 lks. dist.

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., set 24 ins. in the ground, in concrete, with brass cap mkd. T8S R23W S26 RM 60.7 FT 1960, with an arrow pointing to the corner, bears N. $31^{\circ} 32'$ W., 91.9 lks. dist.

Land, nearly level top of Yuma Mesa and bottom of Gila Valley.

Soil, sandy loam.

Timber, none.

Undergrowth, scattered greasewood on the mesa top.

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp.

S. $89^{\circ} 29'$ W., bet. secs. 25 and 36.

Along U. S. Highway No. 95, with cultivated fields on either side.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

40.11 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, which is monumented by a Bureau of Reclamation brass cap, set 6 ins. below road surface, in concrete, and in an 8 in. riser, mkd.

S 25

S 36

from which

An Arizona Highway Dept. R/W marker, marked 175 + 92.90, bears N. $35^{\circ} 12'$ E., 93.8 lks. dist.

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., set 24 ins. in the ground, in concrete, with brass cap mkd. T8S R23W S36 RM 61.9 FT 1960, with an arrow pointing to the corner. (The bearing thereto was not recorded.)

S. $89^{\circ} 22'$ W., beginning new measurement.

40.04 The cor. of secs. 25, 26, 35 and 36.

Land, level bottomland of Gila Valley.

Soil, sandy loam.

Timber, none.

Undergrowth, none.

N. $0^{\circ} 17'$ W., bet. secs. 25 and 26.

Over level bottomland, along E. side of road bearing N., with cultivated fields on either side.

40.06 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26, marked by a galvanized iron pipe, 1 in. diam., 18 ins. long, driven flush with the surface of the ground. The pipe is accepted as the best available evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W

$\frac{1}{4}$

S 26 | S 25

1960

from which

A fence post, bears N., 2 lks. dist.

Bury the pipe alongside the post.

N. $0^{\circ} 04'$ W., beginning new measurement.

Continue alongside of lane, bearing N. and S.

0.40 Road, bears E. and W.

39.92 Point for the cor. of secs. 23, 24, 25 and 26, marked by a Bureau of Reclamation iron post, 2 ins. in diam., 36 ins. long, set 40 ins. in the ground, with brass cap mkd.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R., Mer., Arizona

Chains

T8S
S23 | S24

S26 | S25
1941

The post is accepted as the best available evidence of the original corner. It being in poor condition, I destroy same.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 40 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W
S23 | S24

S26 | S25
1960

from which

A wood post, 6 x 8 ins., projecting 4 ft. above the ground, with USBR painted on all faces, bears E., 7 lks. dist.

Land, level bottom.

Soil, sandy loam.

Timber, none.

Undergrowth, none.

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp.
S. $89^{\circ} 20'$ W., bet. secs. 24 and 25.

Over level land, through cultivated fields.

10.44 Point for the record meander cor. of secs. 24 and 25, on the right bank of the Gila River, at proportionate distance; there is no remaining evidence of the original corner. The point was not re-monumented.

18.22 Point for the medial line of the Gila River, as originally surveyed, bet. the right and left banks thereof.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, for special meander cor. of secs. 24 and 25, with brass cap mkd.

T8S R23W
S / 24

S25
SMC
1960

26.00 Point for the record meander cor. of secs. 24 and 25, on the left bank of the Gila River, at proportionate distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, with brass cap mkd.

T8S
S24 /

S 25
R23W MC
1960

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23. W., G. & S. R., Mer., Arizona

Chains

40.11 Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25, at proportionate distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W
S 24
 $\frac{1}{4}$ —————
S 25
1960

80.22 The cor. of secs. 23, 24, 25 and 26.

Land, level bottom.
Soil, sandy loam.
Timber, a few scattered cottonwoods.
Undergrowth, scattered salt cedar.

N. $0^{\circ} 08'$ E., bet. secs. 23 and 24. (On a line calculated to intersect a point produced at record dist. W. of the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.)

Over level bottom of Gila Valley; through cultivated fields.

10.40 Point for the record meander cor. of secs. 23 and 24, on the left bank of the Gila River, at record distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, in concrete, with brass cap mkd.

M C
S23 | S24
T8S R23W
1960

Set a redwood post, 6 ft. long, 4 ins. sq., 36 ins. in the ground, N. of corner as a guard stake.

19.76 Point for the medial line of the Gila River, as originally surveyed, bet. the left and right banks thereof.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 48 ins. in the ground, in concrete, for special meander cor. of secs. 23 and 24, with brass cap mkd.

T8S R23W
S23 | S24
S M C
1960

36.75 Point for the meander cor. of secs. 23 and 24, on the right bank of the Gila River, at record distance; there is no remaining evidence of the original corner. The point was not remonumented.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24, at record dist.; there is no remaining evidence of the original corner.

At the corner point

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23. W., G. & S. R. Mer., Arizona

Chains	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, with brass cap mkd.</p> <p style="text-align: center;">T8S R23W $\frac{1}{4}$ S 23 S 24 1960</p>
40.30	Irrigation head ditch, 30 lks. wide, 3 ft. deep, flowing W.
52.10	The left bank of the Colorado River, bearing N. $76^{\circ} 30'$ W. and S. $83^{\circ} 44'$ E.
	<p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for meander cor. of secs. 23 and 24, with brass cap mkd.</p> <p style="text-align: center;">M. C. S 23 S 24 T8S R23W 1960</p> <p>Set a redwood post, 6 ft. long, 4 ins. sq., 36 ins. in the ground, W. of the corner as a guard stake.</p> <p>Land, level bottom. Soil, sandy loam. Timber, none. Undergrowth, none.</p>
	<p>From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp. S. $89^{\circ} 58'$ W., bet. secs. 13 and 24.</p> <p>Over level land.</p>
1.15	Road, bears N. and S.
1.90	Irrigation canal, 5 ft. deep, 20 lks. wide, course N.
2.30	E. edge of cultivated field, bears N. and S.
21.65	W. edge of field, bears SE. and NW.
28.20	Toe of new government levee; gradually ascend to top.
37.25	Top of levee.
39.94	The $\frac{1}{4}$ sec. cor. of secs. 13 and 24, which is monumented with an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., 6 ins. below surface, set, mkd. and witnessed as described in the record of the 1949 surveys.
	<hr/> <p>S. $89^{\circ} 58'$ W., beginning new measurement.</p>
1.64	Centerline of government levee and intersect a Bureau of Reclamation brass tablet, 3 ins. in diam., set in concrete block, 6 ins. sq., 6 ins. below road surface on top of levee, mkd.

Limited Dependent Resurvey and Accretion Survey,
T..8 S., R. 23.W., G. & S. R..Mer., Arizona

Chains

U. S. B. R.
P. O. T. & P. O. S. L.
Sta.
497 + 61.69
1953

10.01 The cor. of frac. secs. 13 and 24, and Angle Point No. 56, on the left bank of the Colorado River channel abandoned in 1920, which is mkd. by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set flush with surface and on the S. side of levee road, mkd. and witnessed as described in the record of the 1949 surveys.

Land, level.
Soil, silt.
Timber, none.
Undergrowth, salt cedar, arrowweed, willow and mesquite.

From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp. West, bet. secs. 12 and 13.

Over level land, along an unimproved road, with cultivated fields on both sides.

1.20 Irrigation ditch, flows N.

23.76 Point for the meander cor. on the record left bank of the Colorado River, at proportionate distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. in diam., 36 ins. in the ground, with brass cap mkd.

T8S R23W
WP / S 12
S 13
1962

Set a redwood post, 6 ft. long, 4 ins. sq., 3 ft. in the ground, South, 8 lks. dist., mkd. REF-8 IKS N.

The cor. falls in S. edge of unimproved road.

Land, level.
Soil, silt.
Timber, none.
Undergrowth, none.

To obtain a longitudinal position for the line bet. secs. 13 and 14, the line bet. secs. 12 and 13 was protracted for a total distance of 80.04 chs. to the point for the cor. of secs. 11, 12, 13 and 14, which is marked by an iron post established in the 1949 surveys.

Thence,

S. 0° 01' E., on a blank line bet. secs. 13 and 14

(15.50) Point for the meander cor. of secs. 13 and 14, on the record left bank of the Colorado River, at record distance; there is no remaining evidence of the original corner. The point was not remonumented.

Thence

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

S. $0^{\circ} 01'$ E., bet. secs. 13 and 14, beginning new measurement, marking this section line.

Over level land, along an unimproved road.

4.60

Trail road, bears E.

14.60

Irrigation ditch, flowing E.; fence lines parallel ditch on N. and S. sides.

24.30

Unimproved road, bears W.

24.49

Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14, at midpoint bet. N. and S. bdy., which is marked by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., flush with the ground, mkd. as described in the record of the 1949 surveys.

S. $0^{\circ} 01'$ E., beginning new measurement.

0.50

Sou. Pac. Gas Co. buried pipe line, bears E. and W.

7.01

The cor. of frac. secs. 13 and 14, and Angle Point No. 54, on the left bank of the Colorado River channel abandoned in 1920, which is marked by a mutilated iron post, 2 ins. diam., and broken concrete cone, as established in the 1949 surveys.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 34 ins. in the ground, with a collar of granite stone cemented together, with brass cap mkd.

T8S R23W

S14

S13

AP

54

1960

from which

Angle Point No. 80, T. 16 S., R. 23 E., S. B. M., Calif., on the right bank of the 1920 abandoned channel, bears S. $7^{\circ} 05'$ W., 16.27 chs. dist., which is an iron post, 3 ins. in diam., set, mkd. and witnessed as described in the official record of that township, concurrently resurveyed.

Land, level.

Soil, silt.

Timber, none.

Undergrowth, none.

I return to the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described.

N. $0^{\circ} 12'$ W., bet. secs. 34 and 35.

Over nearly level top of Yuma Mesa; along a macadam road bearing N. and S.

19.80

Concrete lined irrigation ditch, 40 lks. wide, 4 ft. deep, course W. from S. 80° E.

22.50

Sou. Pac. Railroad, 4 tracks, bearing N. 75° W. and S. 75° E.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

38.60 El Paso Natural Gas Co. transmission line, bears N. 70° W. and S. 70° E.

40.03 Point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35, marked by a railroad spike driven flush with the road surface. As the point is used by the adjacent property owners, it is accepted as the best available evidence of the original corner.

At the corner point

Set a copperweld survey marker, top flush with the surface of the road, in concrete, with top mkd.

USBLM

T8S

$\frac{1}{4}$

S 34 | S 35

R23W

1960

from which

A squared redwood post, 4 x 4 ins., projecting 12 ins. above ground, bears N. 89° 25' E., 50 lks. dist.

A squared redwood post, 4 x 4 ins., projecting 12 ins. above ground, bears S. 89° 25' W., 50 lks. dist.

N. 0° 12' W., beginning new measurement.

2.00 N. rim of Yuma Mesa, bears N. 60° W. and S. 60° E.; descend 70 ft. over NE. slope.

21.50 Base of mesa; continue along road, over level land, with cultivated fields on either side.

39.97 Point for the cor. of secs. 26, 27, 34 and 35, marked by a Bureau of Reclamation brass cap, set 8 ins. below the road surface, in concrete and in an 8 in. riser, in center of U. S. Highway No. 95, bearing E. and W., mkd.

T8S R23W

S27 | S26

S34 | S35

As this point is used by the adjacent property owners, it is accepted as the best available evidence of the original corner.

from which

An Arizona Highway Dept. R/W marker, a brass tablet, 2 $\frac{1}{2}$ ins. diam., set in concrete post, mkd. ELEV STA 79 + 14.75, with a cross in center, bears S. 18° 08' W., 160.5 lks. dist.

A R/W marker, a 4 x 4 angle iron, painted white, mkd. HWY R/W POT 79 + 05.75, bears N. 35° 08' W., 92 lks. dist.

Land, nearly level top of Yuma Mesa, descending into level bottom of Gila Valley.

Soil, sandy loam.

Timber, none.

Undergrowth, none.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

From the cor. of secs. 25, 26, 35 and 36.

S. $89^{\circ} 32'$ W., bet. secs. 26 and 35.

Over level land, along center of U.S. Highway No. 95, with cultivated fields on either side.

39.98

Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35, marked by a Bureau of Reclamation brass cap, set 8 ins. below road surface, in concrete and in an 8 in. riser, mkd.

$$\frac{1}{4} \frac{S 26}{S 35}$$

As the point is used by the adjacent property owners, it is accepted as the best available evidence of the original corner.

from which

A highway R/W marker, a 4 x 4 in. angle iron, projecting 2 ft. above ground, painted white, mkd. HWY R/W POT 123 + 11.90, bears N. $34^{\circ} 15'$ E., 92.5 lks. dist.

A highway R/W marker, a 4 x 4 in. angle iron, projecting 2 ft. above ground, painted white, mkd. HWY R/W POT 123 + 11.90, bears S. $35^{\circ} 18'$ E., 92.5 lks. dist.

S. $89^{\circ} 33'$ W., beginning new measurement.

39.98

The cor. of secs. 26, 27, 34 and 35.

Land, level bottom of Gila Valley.

Soil, sandy loam.

Timber, none.

Undergrowth, none.

N. $0^{\circ} 07'$ W., bet. secs. 26 and 27.

Over level bottom, along a macadam road bearing N. from Highway 95, gradually leaving road to W. side thereof.

39.95

Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 27, marked by a galvanized iron pipe, 16 ins. long, 1 in. diam., set 24 ins. in the ground. The pipe is accepted by the adjacent land owners and is therefore accepted as the best available evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 36 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W

$\frac{1}{4}$

S 27 | S 26

1960

The post is set in ditch line on W. side of paved road.

Set a redwood post, 7 ft. long, 4 ins. sq., 36 ins. in the ground, W. of corner as a guard stake.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. $0^{\circ} 07'$ W., beginning new measurement.

Gradually returning to center of road.

39.97

Point for the cor. of secs. 22, 23, 26 and 27, marked by the remains of an iron pipe, set 24 ins. below the surface of road; the pipe has been used by the adjacent owners as the corner and is accepted as the best available evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 48 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W	
S22	S23
<hr/>	
S27	S26
1960	

from which

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., set 24 ins. in ground, in concrete, with brass cap mkd. T8S R23W S26 RM 45.0 FT 1960, with an arrow pointing to the corner, bears S. $45^{\circ} 00'$ E., 68.2 lks. dist.

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., set 24 ins. in ground, in concrete, with brass cap mkd. T8S R23W S27 RM 48.0 FT 1960, with an arrow pointing to the corner, bears S. $45^{\circ} 00'$ W., 72.7 lks. dist.

Land, level bottom of Gila Valley.
Soil, sandy loam.
Timber, none.
Undergrowth, none.

From the cor. of secs. 23, 24, 25 and 26.

S. $89^{\circ} 36'$ W., bet. secs. 23 and 26.

Over level bottom land, through cultivated fields.

39.94

Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 26, marked by an iron pipe, 1 in. diam., 20 ins. long. The pipe is used by the adjacent property owners and therefore is accepted as the best available evidence of the original corner.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, in concrete, with brass cap mkd.

T8S R23W	
$\frac{1}{4}$	S 23
<hr/>	
	S 26
1960	

Set a redwood post, 6 ft. long, 4 ins. sq., 36 ins. in the ground, N. of corner as a guard stake.

S. $89^{\circ} 24'$ W., beginning new measurement.

39.90

The cor. of secs. 22, 23, 26 and 27.

Land, level bottom.
Soil, sandy loam.
Timber, scattered cottonwoods; undergrowth, none.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. $0^{\circ} 04'$ E., bet. secs. 22 and 23. (On a line calculated to intersect a point produced record distance W. from the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.)

Over level land, along a graveled road bearing N. from the end of the macadam road; cultivated fields on either side.

20.00 Point for S $\frac{1}{16}$ sec. cor. of secs. 22 and 23.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, with brass cap mkd.

T8S R23W.
S $\frac{1}{16}$

S 22 | S 23

1962

The corner is set on E. edge of roadway.

29.40 Point for the record meander cor. of secs. 22 and 23 on the left bank of the Gila River, at record distance; there is no remaining evidence of the original corner.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, in concrete, with brass cap mkd.

M C

S 22 | S 23

T8S | R23W

1960

The post is set on E. side of graveled road.

Continue with same line and measurement, over the record position for the bed of the Gila River.

30.40 The left bank of the old channel of the Colorado River, bearing W. and N. $73^{\circ} 16'$ E. In 1954 the Bureau of Reclamation straightened this portion of the river by dredging a channel about $\frac{1}{4}$ mile north, leaving this old bed dry and abandoned.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, for meander cor. of sec. 23, with brass cap mkd.

MC

S 23

T8S | R23W

1960

Land, nearly level bottom of Gila Valley.

Soil, sandy loam and sand.

Timber, scattered cottonwoods.

Undergrowth, none.

Discontinue the resurvey of the subdivisional section lines of T. 8 S., R. 23 W.

Limited Dependent Resurvey and Accretion Survey,
T. 8.S., R. 23 W., G. & S. R. Mer., Arizona

Chains

Partial Subdivision of Secs. 23 and 24

The following field notes are those of the partial subdivision of secs. 23 and 24, sufficient to identify the public lands therein, including a division of the bed of the Gila River, a non-navigable stream, for purposes of segregating those portions of the bed accruing to the public land lots as originally surveyed.

Original Lot 10, sec. 23 and original Lot 7, sec. 24, are unconveyed public lands. These lots, by the original survey, were situated upon the left bank of the Gila River. The river no longer occupies the bed as surveyed in 1874. In these surveys, a portion of the medial line of the river has been established. In the determination of this line, the right and left banks were retraced upon the ground in accordance with the record and appropriate midpoints in the former bed were measured therefrom. To simplify the record, only the true line notes of the pertinent portions of the medial line are returned herewith. The new lots have been respectively designated Lot 19, sec. 23 and Lot 24, sec. 24.

From the $\frac{1}{4}$ sec. cor. of secs. 24 and 25, hereinbefore described.

N. $0^{\circ} 02'$ E., on the N-S center line of sec. 24, on a mean bearing bet. the E. and W. bdys.

Over level cultivated land.

5.94

The record position for the left bank of the Gila River.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., $5\frac{1}{4}$ ins. in the ground, in concrete, for special meander cor., with brass cap mkd.

SMC
S | 30
T8S | R23W
1960

Thence

N. $32^{\circ} 25'$ E., on a line normal to the medial line of the abandoned channel of the Gila River.

7.64

The medial line of the abandoned channel of the Gila River.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., $5\frac{1}{4}$ ins. in the ground, in concrete, for AP 1, with brass cap mkd.

AP 1
S | 24
T8S | R23W
1960

Thence with the medial line of the abandoned channel.

S. $55^{\circ} 41'$ E.

15.16

Angle Point 2 at the intersection of a line extended on a normal course from the record meander cor. of secs. 24 and 25 for the left bank of the river, as hereinbefore described.

Limited Dependent Resurvey and Accretion Survey,
T. 8.S., R. 23 W., G. & S. R. Mer., Arizona

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 52 ins. in the ground, with brass cap mkd.

S
24' AP
T8S R23 W
1962

Thence with the normal line.

S. $34^{\circ} 19'$ W.

4.46

The reestablished record meander cor. of secs. 24 and 25, on the 1874 left bank of the Gila River, as hereinbefore described.

Land, level bottom of Gila valley.

Soil, sandy loam.

Timber, none.

Undergrowth, none.

From the S $1/16$ sec. cor. of secs. 22 and 23, hereinbefore described.

N. $89^{\circ} 24'$ E., on the S $1/16$ sec. line of sec. 23.

Over level land, through cultivated field.

25.05

Intersect the record position of the 1874 left bank of the Gila River.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 52 ins. in the ground, for a special meander cor., with brass cap mkd.

SMC
S 23
T8S R23W
1962

Thence

N. $26^{\circ} 27'$ E., on a line normal to the medial line of the abandoned bed of the Gila River.

7.08

Angle Point 4 on the medial line of the river, in sec. 23.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 54 ins. in the ground, in concrete, with brass cap mkd.

AP 4
S 23
T8S R23W
1960

Thence

N. $63^{\circ} 20'$ W., on the medial line.

15.50

Angle Point No. 5 on the medial line, in sec. 23.

Limited Dependent Resurvey and Accretion Survey,
T. 8.S., E. 23 W., G. & S. R. Mer., Arizona

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 5 $\frac{1}{4}$ ins. in the ground, in concrete, with brass cap. mkd.

AP 5

S23

T8S R23W

1960

Thence

N. 75° 14' W., on the medial line.

4.34

The left bank of the 1954 abandoned channel of the Colorado River, bearing N. 59° 04' E. and S. 59° 04' W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, in concrete, for special meander cor., with brass cap mkd.

SMC

23

S

T8S R23W

1960

Angle Point No. 2 on the traverse of the left bank of the 1954 abandoned channel, bears N. 59° 04' E., 2.78 chs. dist.

Angle Point No. 1 on the traverse, bears S. 59° 04' W., 4.78 chs. dist.

The traverse of the left bank of the 1954 abandoned channel is hereinafter described.

Land, level bottom.

Soil, sandy silt.

Timber, none.

Undergrowth, none.

Reestablishment of Portion of Record Meander Line
of Left Bank of Colorado River,
through secs. 12, 13 and 14.

In the consideration of the extent of lands conveyed under the Act of January 27, 1894, it has been held that the additional accretion area which had been formed north and west of the record position of the river's left bank, between the river as of that time and the E. bdy. of the Tp., did not pass with the grant.

The following notes are those of the establishment of a portion of the adjusted record meander lines of the left bank as a fixed and limiting boundary of conveyed lands, from the E. bdy. to the considered position of the river's left bank at the time of the grant.

From the meander cor. of secs. 7 and 12, on E. bdy. of Tp., for the record left bank of the Colorado River, hereinbefore described.

Thence, with the establishment of the adjusted record meander line as a fixed and limiting boundary.

S. 50° 43' W., 27.86 chs. To Angle Point 1, sec. 12, not marked.

Limited Dependent Resurvey and Accretion Survey,
T. 8.S., R. 23 W., G. & S. R. Mer., Arizona

Chains

S. 58° 17' W., 2.59 chs. To the meander cor. of secs. 12 and 13, hereinbefore described.

Thence in sec. 13

Continue through fields.

S. 60° 00' W., 5.20 chs. To Angle Point No. 1, sec. 13.

Set an iron post, 30 ins. long, 2½ ins. diam., 42 ins. in the ground, with brass cap mkd.

T8S R23W
AP 1
S 13
1962

S. 84° 00' W., 30.00 chs. At 20.00 chs., the considered position of the left bank of the Colorado River in 1894.

Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, for special meander cor., with brass cap mkd.

T8S R23W
S 13
SMC
1962

Set a redwood post, 6 ft. long, 4 ins. sq., alongside to N. as a guard stake.

End the establishment of the record meander line as a fixed and limiting boundary; continue with the meanders.

At end of course, Angle Point No. 2, sec. 13; not monumented.

S. 66° 00' W., 24.00 chs. To meander cor. of secs. 13 and 14, hereinbefore described.

Thence in sec. 14

S. 60° 00' W., 5.20 chs. To Angle Point No. 1, sec. 14; not monumented.

S. 43° 00' W., 11.20 chs. To Angle Point No. 2, sec. 14; not monumented.

S. 69° 00' W., 1.62 chs. Intersect the left bank of the 1920 abandoned channel of Colorado River, S. 27° 45' E., 9.40 chs. dist. from AP 52 of the traverse thereof as hereinafter described.

The point of intersection was not monumented.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

Establishment of Division Line
of Accretion Area

Between 1894 and 1920, when the Colorado River abandoned its channel by an avulsive movement across the base of the created ox-bow loop, the river continued to move westerly and northerly, by normal erosion and accretion, to the creation of additional lands added to the accreted area in existence as of 1894.

The following survey is that of a division line of this later added area to define that portion inuring to the public lands not conveyed by the Act of January 27, 1894. In the determination of this line, the respective distances along the 1894 left bank, between its terminal points of intersection with the 1920 bank and the point of intersection with the record meander line, was determined. The distance along the 1920 bank between the same terminal points was determined. The division line then was designed to extend from the considered point of intersection of the left bank in 1894 with the record meander line to a point upon the 1920 bank so as to give to each segment of the 1894 bank its ratable amount of the 1920 bank.

From the point of intersection of the record meander line in sec. 13 with the considered position of the left bank of the Colorado River in 1894, as hereinbefore described.

Thence

N. 69° 38' W., on the division line.

- 1.90 Over level land, through fields.
- 1.90 Irrigation ditch, 20 lks. wide, flows S.
- 13.71 Field road, bears N. and S.
- 13.48 The closing cor. of secs. 12 and 13, hereinafter described.
- 23.32 Irrigation ditch, 10 lks. wide, flows S.
- 34.01 The closing cor. of secs. 11 and 12, hereinafter described.
- 62.45 Irrigation ditch, 10 lks. wide, flows S.
- 63.08 Intersect the left bank of the 1920 abandoned channel of the Colorado River, at Angle Point No. 50 in the traverse thereof, as hereinafter described.

Land, level.
Soil, sandy loam.
Timber, none.
Undergrowth, none.

Survey of Accretion Lands
T. 8 S., R. 23 W.

The following notes are of the survey of the accretion areas held as un conveyed public lands.

From the record meander cor. of secs. 12 and 13, hereinbefore described.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R., Mer., Arizona

Chains

West, bet. secs. 12 and 13.

Over level land, along unimproved road; cultivated fields to N. and S.

16.26 The $\frac{1}{4}$ sec. cor. of secs. 12 and 13, marked by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., 10 ins. below the surface, set and marked as described in the record of the 1949 surveys. The cor. is set in intersection of roads bearing N., S. and E.

West, beginning new measurement.

1.90 Fence, N., S. and winding W. along line.

12.00 Irrigation ditch, 20 lks. wide, flowing S.

20.00 Dirt road, bearing N. and S.

20.77 The division line of the accretion areas.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for closing cor. of secs. 12 and 13, with brass cap mkd.

T8S R23W
S 12
CC / S 13
1962

Set a redwood post, 6 ft. long, 4 ins. sq., 2 ft. in ground, on N. side as a guard stake.

Land, level.
Soil, sandy silt.
Timber, none.
Undergrowth, none.

From the cor. of secs. 1, 6, 7 and 12, on E. bdy. of Tp.

West, bet. secs. 1 and 12.

Over level cultivated fields.

10.65 Irrigation well, bears S., 10.22 chs. dist.

16.05 Residence, bears N., 4.50 chs. dist.

17.40 Unimproved road, bears N. and S.

17.80 Irrigation ditch, bears N. and S.

24.00 Unimproved road, bears N. 15° E. and S. 15° W.

35.20 Fence, bears S. 70° E. and N. 70° W.

39.12 Irrigation ditch, bears N. 18° E. and S. 18° W.

39.42 Irrigation ditch, bears N. 18° E. and S. 18° W.

39.72 Irrigation canal, 10 lks. wide, 3 ft. deep, course S. 18° W.

40.02 The point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 12, marked by a mutilated iron post, 2 ins. in diam., and a broken concrete cone.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R., Mer., Arizona

Chains

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 25 ins. in the ground, with a collar of granite stone cemented together, with brass cap mkd.

T8S R23W

S 1

 $\frac{1}{4}$ S 12

1960

West, beginning new measurement.

- 17.50 Unimproved road, bears N. and S.; leave cultivated field, continue through a small residential area.
- 20.05 Irrigation canal, 15 lks. wide, 3 ft. deep, course N.
- 22.00 Residence, bears S., 9.70 chs. dist.
- 26.75 Unimproved road, bears S. 75° E. and N. 75° W.
- 27.30 Residence, bears N., 5.40 chs. dist.
- 33.50 Same road, bears NE. and SW.
- 40.02 The cor. of secs. 1, 2, 11 and 12, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set 18 ins. below the surface, mkd. and witnessed as described in the record of the 1949 survey.

Land, level.

Soil, silt.

Timber, mesquite, willow and scattered cottonwood.

Undergrowth, arrowweed, salt cedar, willow and mesquite.

S. 0° 01' E., bet. secs. 11 and 12.

Over level land, through cultivated field.

- 3.80 S. edge of field, bears E. and W.
- 6.40 Unimproved road, bears WSW. and curving to the NW.
- 7.45 Trail road, bears NW. and SE.
- 17.75 Intersection of single pole power lines, bearing N., S., E. and W.
- 40.01 The $\frac{1}{4}$ sec. cor. of secs. 11 and 12, marked by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., set flush with surface, mkd. and witnessed as described in the record of the 1949 survey.

S. 0° 01' E., beginning new measurement.

- 0.17 Unimproved road, bears E. and W.
- 14.60 Leave dense undergrowth.
- 15.10 Enter dirt road, bearing S. from NW.
- 19.50 Unimproved road, bears E.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

19.76 Single pole power line, bears N., E. and W.

20.00 Irrigation ditch, course E.

23.70 Residence, bears E., 20.50 chs. dist.

32.88 The division line of the accretion area.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 42 ins. in the ground, for closing cor. of secs. 11 and 12, with brass cap mkd.

T8S, R23W
S11 | S12

C C

1962

Cor. is set in E. edge of dirt road, bearing N. and S.

Land, level.

Soil, silt.

Timber, mesquite, willow and scattered cottonwood.

Undergrowth, arrowweed, salt cedar, willow and mesquite.

I return to the cor. of secs. 1, 2, 11 and 12.

N. $89^{\circ} 58'$ W., bet. secs. 2 and 11.

Over level cultivated fields.

6.25 Irrigation canal, 25 lks. wide, 3 ft. deep, course SE.

17.40 Irrigation ditch, bears N. and S.; leave cultivated field, enter dense undergrowth.

23.57 The cor. of frac. secs. 2 and 11, and Angle Point No. 47 on the left bank of the 1920 abandoned channel of Colorado River, which is marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

Land, level.

Soil, first rate.

Timber, mesquite, willow and cottonwood.

Undergrowth, arrowweed, salt cedar, willow and mesquite.

I return to the cor. of secs. 1, 2, 11 and 12.

N. $0^{\circ} 01'$ W., bet. secs. 1 and 2.

Over level land, through cultivated fields.

28.20 Power transmission line, 5 wire, bears N. $86^{\circ} 08'$ E. and S. $86^{\circ} 08'$ W. A service road follows this line.

40.00 The $\frac{1}{4}$ sec. cor. of secs. 1 and 2, marked by an iron post, 2 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

The NE. bearing tree is missing and the NW. bearing tree is dead.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. 0° 01' W., beginning new measurement.

0.50 Leave cultivated field; enter dense undergrowth. Edge bears E. and W.

22.50 Unimproved road, bears NE. and SW.

40.04 The 80 ch. cor. of secs. 1 and 2, marked by an iron post, 3 ins. in diam., in concrete form, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

N. 0° 01' W., beginning new measurement.

14.27 The cor. of frac. secs. 1 and 2 and Angle Point No. 38 on the left bank of the 1920 abandoned channel of the Colorado River, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.

Land, nearly level.

Soil, silt and sandy loam.

Timber, none.

Undergrowth, salt cedar, mesquite and arrowweed.

Retracement and Reestablishment of the Traverse
of Left Bank of 1920 Abandoned Channel
of Colorado River

Originally Surveyed by
Quintin R. Campbell, Cadastral Engineer, in 1949

Beginning at the cor. of frac. secs. 1 and 6, and Angle Point No. 27, on the E. boundary of the Tp., on the left bank of the 1920 abandoned channel.

S. 84° 30' W.

Over a long gentle N. slope, with no defined bank, through scattered mesquite and undergrowth.

3.00 Continue through dense undergrowth.

20.00 Angle Point No. 28, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set, mkd. and witnessed as described in the record of the 1949 surveys.

Thence

N. 89° 30' W.

10.60 Angle Point No. 29, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys.

The cor. is situated under a 3 strand barb-wire fence, bearing N. and S.

Thence

N. 78° 50' W.

1.50 Cross old river channel or bayou, 8 ft. deep, 2.50 chs. wide, ex-

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains	tending S.; thence along bank, about 8 ft. high.
5.06	Angle Point No. 30, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and marked as described in the record of the 1949 surveys. Thence N. 55° 18' W. Along sloping bank about 8 ft. high.
5.56	Intersect the north-south centerline of sec. 1, which is marked by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys. Thence N. 55° 18' W.,
1.32	Angle Point No. 31, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys. Thence N. 23° 16' W.
1.90	Angle Point No. 32, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys. Thence N. 61° 12' W.
1.10	Cinder block house and irrigation pump, on my line.
1.26	Irrigation water pipe line, steel, 18 ins. in diam., course S.
12.34	Angle Point No. 33, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys. Thence N. 58° 14' W.
7.46	Angle Point No. 34, marked by a mutilated iron post, 1 in. in diam., and a broken concrete cone. At the same point Set an iron post, 30 ins. long, 2½ ins. in diam., 25 ins. in the ground, with a collar of granite stones cemented together, with brass cap mkd. S 1 AP34 T8S R23W 1960 Thence N. 40° 56' W.
3.30	Unimproved road, bears SE. and NW.
4.20	Irrigation pump, bears N., 31 lks. dist.
5.53	Angle Point No. 35, marked by an iron post, 1 in. diam., in concrete cone, 6 ins. diam., set and mkd. as described in the record of the

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains	1949 surveys.
	Thence
	N. 60° 02' W.,
6.34	Angle Point No. 36, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set, mkd. and witnessed as described in the record of the 1949 surveys.
	Thence
	N. 67° 48' W.
6.57	Angle Point No. 37, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence
	N. 85° 11' W.
5.89	The cor. of frac. secs. 1 and 2, and Angle Point No. 38, hereinbefore described.
	Thence, in sec. 2.
	Over gently sloping land, through dense undergrowth.
	S. 60° 52' W.
3.38	Angle Point No. 39, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence
	S. 26° 16' W.
14.07	Angle Point No. 40, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence
	S. 20° 55' W.
	Along low bank, sloping N.
7.40	Fence line, 3 strand barb wire, bears E. and W.
15.20	Angle Point No. 41, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence
	S. 7° 57' W.
13.14	Angle Point No. 42, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys.
	Thence
	S. 12° 51' W.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains	
6.44	Angle Point No. 43, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys.
	Thence S. 34° 04' W.
1.70	Trail road, bears NE. and SW.
2.26	Angle Point No. 44, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys.
	Thence S. 7° 42' W.
1.67	Irrigation pipe line, steel, 12 ins. in diam., bears E. and W.; irrigation pump bears W., 0.40 ch. dist. At N. edge of farm yard.
4.69	The E-W center line of sec. 2, mkd. by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., set, mkd. and witnessed as described in the record of the 1949 surveys.
	from which The SE. cor. of an occupied house, bears N. 31° 35' E., 1.38 chs. dist.
	Thence S. 7° 42' W.
10.05	Angle Point No. 45, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys. The point is in the S. edge of farm lot; continue through dense undergrowth.
	Thence S. 6° 17' W.
2.65	Fence line, bears E. and W.
3.03	Power line, 5 wires on double wood poles, bears N. 86° 08' E. and S. 86° 08' W. Service road follows the line on N. side.
13.63	Angle Point No. 46, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence S. 3° 23' W.
16.64	The cor. of secs. 2 and 11 and Angle Point No. 47, hereinbefore described.
	Thence, in sec. 11. Continue through dense undergrowth. S. 3° 54' W.
4.00	Unimproved road, bears E. and W.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

- 7.20 Abandoned house, bears E., 1.60 chs. dist.
- 10.50 Well defined bank of river channel, slopes to W.
- 20.38 Angle Point No. 48, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
- Thence
S. 7° 56' W.
- 1.97 Power line, single pole, bears E. and W.
- 10.20 Occupied house, bears W., 2.20' chs. dist.
- 19.70 Unimproved road, bears E. and W.
- 19.85 Angle Point No. 49, which is marked by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., set, mkd. and witnessed as described in the record of the 1949 surveys.
- Thence
S. 1° 06' E.
- 0.20 Fence line, bears E. and W.; continue through cultivated field.
- 19.76 Fence line, bears E. and W.; leave cultivated field.
- 20.30 Irrigation water well and pump, bears W., 0.52 ch. dist.
- 21.30 Corner of fences, bearing N. and S.; continue along W. side of irrigation canal, through dense undergrowth.
- 22.79 Angle Point No. 50, and terminus of the division line of the accretion area, marked by an iron post, 2 ins. in diam., in concrete form, 5 ins. sq., set and mkd. as described in the record of the 1949 surveys.
- Discontinue the traverse of the left bank of the 1920 abandoned channel as a limiting line of the public land accretion area.

Additional Traverse of the Left Bank
of the 1920 Abandoned Channel

The following field notes are those of the traverse of the left bank of the 1920 abandoned channel, as reported by the 1949 surveys, supplied herein for informational purposes only.

From Angle Point No. 50.

Thence

S. 9° 12' E.

- 17.50 Angle Point No. 51, marked by an iron post, 3 ins. in diam., badly mutilated. The point was re-monumented with a regulation iron post 2½ ins. in diam., as described in the record of the 1960-61 resurveys.

Thence

S. 19° 08' E.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains	
4.25	Irrigation canal, 3 ft. deep, 20 lks. wide, course W.
16.00	Fence line, bears E. and W.
19.62	Angle Point No. 52, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence
	S. 27° 45' E.
9.40	The original record meander line of the left bank of the Colorado River, bearing N. 69° 00' E. and S. 69° 00' W.
10.69	Abandoned irrigation canal, concrete line, 3 ft. deep, 10 lks. wide, bearing E. and W.
19.99	Angle Point No. 53, marked by an iron post, 1 in. in diam., in concrete form, 5 ins. sq., set, mkd. and witnessed as described in the record of the 1949 surveys.
	Thence
	S. 39° 07' E.
4.75	Fence line, bears E. and W.; leave undergrowth.
13.87	The cor. of frac. secs. 13 and 14 and Angle Point No. 54, hereinbefore described.
	Thence
	S. 39° 59' E.
0.20	Unimproved road, bears N. and S.
0.73	Irrigation ditch, course S.; continue over level cultivated field.
15.69	Irrigation canal, 4 ft. deep, 20 lks. wide, course N.
16.00	Enter dense undergrowth.
19.00	Old river channel or slough, 10 ft. deep, 2 chs. wide, bears NE. and SW.
20.00	Angle Point No. 55, marked by an iron post, 1 in. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.
	Thence
	S. 44° 11' E.
3.30	Old river channel or slough, 8 ft. deep, 1.40 chs. wide, bears N. 45° E. and S. 45° W.
24.00	Ascend N. slope of government levee.
24.20	Top of ascent; N. edge of levee road.
24.64	The cor. of frac. secs. 13 and 24 and Angle Point No. 56, hereinbefore described.
	S. 40° 03' E.
	Descend S. slope of levee; enter dense undergrowth.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23. W., G. & S. R. Arizona

Chains

15.02 Angle Point No. 57, marked by an iron post, 1 in. in diam., in concrete cone, 5 ins. diam., set and mkd. as described in the record of the 1949 surveys.

Thence

S. 0° 03' W.

3.00 The witness point for Angle Point No. 58, marked by an iron post, 3 ins. in diam., in concrete cone, 6 ins. in diam., set and mkd. as described in the record of the 1949 surveys.

4.40 True point for Angle Point No. 58.

End the traverse of the left bank of 1920 abandoned channel.

Traverse of Present Right Bank,
Colorado River

The following notes are those of the traverse of the present right bank of the Colorado River, supplied herein for informational purposes only.

Beginning at the true point for the meander cor. of secs. 19 and 24, on the E. bdy. of the Tp., and on the right bank of the Colorado River.

Thence, with the mean high water line of the right bank, downstream, in sec. 24.

Along a cut bank, 10 ft. high, through dense undergrowth.

N. 85° 00' W., 6.60 chs.

N. 79° 00' W., 5.30 chs.

N. 70° 00' W., 11.50 chs.

N. 62° 15' W., 20.06 chs.

End of traverse of the right bank from which point the true point for Angle Point No. 58 of the traverse of the 1920 left bank bears N. 0° 03' E., 4.17 chs. dist.

Traverse of the Present Left Bank,
Colorado River

The following field notes are those of the traverse of the present left bank of the Colorado River, supplied herein for informational purposes only.

Beginning at the meander cor. of secs. 19 and 24, on the E. bdy. of the Tp., and on the left bank of the Colorado River.

Thence, with the mean high water line of the left bank, downstream, in sec. 24.

Along a cut bank, 5 ft. high, through dense undergrowth.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23. W., G. & S. R. Mer., Arizona

Chains

N. 57° 02' W., 2.87 chs.

N. 68° 12' W., 8.43 chs.

N. 77° 19' W., 1.98 chs.

N. 66° 21' W., 4.88 chs.

N. 67° 49' W., 4.12 chs.

N. 79° 14' W., 9.68 chs.

N. 65° 05' W., 13.07 chs.

N. 42° 59' W., 6.58 chs.

N. 82° 21' W., 15.98 chs.

N. 65° 50' W., 12.83 chs.

N. 83° 44' W., 6.25 chs. To the meander cor. of secs. 23 and 24.

Thence, in sec. 23

N. 76° 03' W., 9.66 chs.

N. 64° 49' W., 10.29 chs.

N. 88° 44' W., 4.99 chs.

Intersect the left bank of the 1954 abandoned channel of the Colorado River, as hereinafter described. The point of intersection, described as an auxiliary meander cor., is marked by an iron post, 2½ ins. in diam., set and mkd. as described in record of the 1960-61 surveys.

Traverse of Left Bank of 1954 Abandoned Channel
of the Colorado River

In 1954 the Bureau of Reclamation rechannelized the Colorado River through secs. 31 and 36, Ts. 16 S., Rs. 22 and 23 E., S. B. M., California, causing a portion of the old channel fronting upon sec. 23 to be abandoned.

The following notes are those of the traverse of the left bank of the abandoned channel, furnished herein for informational purposes only.

Beginning at the meander cor. on the W. bdy. of sec. 23, on the said left bank.

Thence, with the traverse of the considered mean high water line of the old bank, upstream, in sec. 23.

N. 73° 16' E., 6.31 chs. Angle Point No. 1

N. 59° 04' E., 7.56 chs. At 4.78 chs., the special meander cor. at the intersection with the medial line of the record position of the Gila River, hereinbefore described.

At end of course, Angle Point No. 2.

Limited Dependent Resurvey and Accretion Survey,
T. 8 S., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. 47° 27' E.,	9.55 chs.	Angle Point No. 3.
N. 54° 52' E.,	13.92 chs.	Angle Point No. 4.
S. 88° 41' E.,	3.78 chs.	Angle Point No. 5.
N. 61° 36' E.,	6.01 chs.	Angle Point No. 6.
N. 62° 20' E.,	9.84 chs.	Angle Point No. 7.
N. 77° 15' E.,	7.71 chs.	The point of intersection with the present left bank of the Colorado River, at the auxiliary meander cor., as hereinbefore described.

General Description

So much of the township as was surveyed and resurveyed lies immediately east of Yuma, Arizona, and northeasterly across the river therefrom. That part within the loop of the 1920 abandoned channel of the river is known locally as Haughtelin or Yuma Island.

The soil is a sedimentary silt, finely textured and closely packed. A dense growth of arrowweed, mesquite, salt cedar and willow cover the uncultivated areas.

A good percentage of the land is now under cultivation or in the process of being cleared. The natural fertility of the soil and an ample supply of water, assuring ease in irrigation, lends attractiveness to farming. The principal agricultural crops are cotton, hay and bermuda grass, with some cattle, sheep and hog raising.

U. S. Highway No. 95 runs along the lines bet. secs. 25 and 36 and secs. 26 and 35. All portions of the township are accessible by dirt roads along the section or quarter-section lines, together with bladed trails.

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CERTIFICATE OF CADASTRAL SURVEYOR

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of September, 1960, and supplemental special instructions dated November 3, 1960 and December 26, 1961, I have ~~surveyed~~ executed the limited dependent resurvey and accretion survey in Township 8 South, Range 23 West

of the Gila & Salt River 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 said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

January 18, 1962
(Date)

Leonard W. Murphy
~~Cadastral Surveyor~~
Surveying Technician
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., _____, 19__

The foregoing field notes of the survey of _____
executed by _____
having been critically examined and found correct, are hereby approved.

(Cadastral Engineering Staff Officer)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

(Date)

(Cadastral Engineering Staff Officer)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Paul G. Bauer	Surveying Aide
Gary T. Oviatt	"
Max Asay	"
Anthony W. Coombs	"
Jarald V. Thompson	"
Harold W. Grusing	"
Gilbert V. Olson	"
Frank W. Rodgers	"
Darwin E. Johnson	"

CERTIFICATE OF CADASTRAL SURVEYOR

I, We, Donald A. Cannon & Gerald F. Pittman, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 15th day of September, 1960, and supplemental special instructions dated November 3, 1960 and December 26, 1961, ~~having~~ we have executed the limited dependent resurvey and accretion survey in Township 8 South, Range 23 West

of the Gila & Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by ~~me~~ us and under ~~my~~ our direction; and that said survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

January 23, 1962
(Date)

Donald A. Cannon
(Cadastral Surveyor)

(Date)

Gerald F. Pittman
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., MAR 21 1962, 19__

The foregoing field notes of the ~~survey~~ dependent resurvey and accretion survey in T. 8 S., R. 23 W., G. & S. R. Mer., Arizona,

executed by Donald A. Cannon and Gerald F. Pittman, Cadastral Surveyors, and Leonard W. Murphy, Surveying Technician, having been critically examined and found correct, are hereby approved.

E. E. Linniger
(Cadastral Engineering Staff Officer)
Chief, Division of Engineering

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

(Date)

(Cadastral Engineering Staff Officer)