

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the

Limited Dependent Resurvey,

Township 1 North, Range 23 West

Of the Gila & Salt River Meridian,

In the State of Arizona

EXECUTED BY

Robert C. Yundt, Cadastral Surveyor

Leonard W. Murphy, Surveying Technician

Under special instructions dated October 30, 1959, which provided
and supplemental special instructions, September 12, 1961

for the surveys included under Group No. 343, approved Nov. 19, 1959 and
Sept. 13, 1961

and assignment instructions dated December 15, 1959
September 26, 1960

Survey commenced December 21, 1959
November 1, 1961

Survey completed February 5, 1960
November 8, 1961

BOOK 5012

INDEX DIAGRAM

Township 1 North, Range 23 West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15 9	14	13
19	20 8	21	22	23	24
		7	8		
30	29 7	28	27	26	25
5 11	10	6			
44 31 10	32 5	33	34	35	36
3	3				

16-56770-1

Subdivision of sec. 31
 Traverse of 1930 left bank of Colorado River
 Traverse of present left bank of river

Pg. 12 - 14
 Pg. 15 - 19
 Pg. 19

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

The original survey of T. 1 N., R. 23 W., Gila & Salt River Meridian, Arizona, was executed by John A. Barry, Deputy Surveyor, in 1902, as shown upon the official plat approved November 3, 1903. The township is fractional being bounded on its northerly side by the Colorado River. In 1959-60, Robert C. Yundt, Cadastral Surveyor, resurveyed the westerly two tiers of sections, including adjoining sections lines for control, as shown upon the plat accepted July 27, 1960. The latter plat was suspended by action of the Director dated July 24, 1961. Certain corrections have been made of the 1959-60 work, as reflected herein, to relieve the causes for suspension.

The following field notes are those of a dependent resurvey of the west two miles of the south boundary or the Gila and Salt River Base Line, the west boundary and a portion of the subdivisional lines designed to restore the corners thereof in their original positions according to the best available evidence; and, a limited subdivision of sec. 31. The surveys were made at the request of the Bureau of Reclamation to meet administrative needs of that agency.

Prior to 1930 the Colorado River had by erosive movement invaded the westerly portion of the township with a large sweeping loop in the nature of a U. In 1930, to improve the flow of the river and reduce its farther encroachment upon the township, a channel, known as the Keele Cut, was dredged across the top of the loop in secs. 5 and 6, T. 9 S., R. 22 E., S. B. M., California. This channelization had the effect of isolating lands within the inner portion of the loop, and a portion of the old river bed, on the south side of the present channel of the river. The surveys of 1959-60 had been extended to the present left bank thereby including portions of the isolated land area and old river bed. These surveys are designed to close upon and are limited by the old left bank of the river as it existed at the time of the Keele Cut.

The surveys were executed with Gurley transits constructed in accordance with standard instrumental specifications of the Bureau and with a Wild transit, Model T-16. The instruments were maintained in good adjustment throughout the surveys. The lines were carried forward by normal transit methods on true directions determined from frequent astronomical observations. The chaining was accomplished with narrow steel tapes, eight chains in length, which had been compared with a standard one chain tape and found correct. All distances reported are based upon horizontal measurements.

The geographic position of the standard cor. of secs. 32 and 33, on the south boundary of the township, is $33^{\circ} 22' 33''$ N. latitude and $114^{\circ} 39' 24''$ W. longitude, as scaled from the Geological Survey's topographic quadrangle map, Palo Verde, Ariz-Calif. - 1952.

The magnetic declination from the same source is reported to be 15° East.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

BOOK 4612

Chains

Dependent Resurvey of a Portion of the
Gila and Salt River Base Line,
T. 1 N., R. 23 W.

Reestablishment of the Survey executed by
J. A. Barry, D. S., in 1902

The original standard cor. of secs. 32 and 33, T. 1 N., R. 23 W., is mkd. by a porphyry stone, 20 x 16 x 5 ins., firmly set in the ground and in a mound of stone; mkd. SC on N. face, 2 grooves on W. face and 4 grooves on E. face.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 29 ins. in the ground, with brass cap mkd.

S C
T1N R23W
S32 S33

1960

Deposit the original stone alongside the iron post and raise a mound of stone to N.

Thence,

West, on record course, along the S. bdy. of sec. 32.

Over level land, through medium dense undergrowth.

0.20 Bladed roads at forks, bear NE., N., W. and SW.; continue along road with dense undergrowth to the N. and S.

27.90 The closing cor. of secs. 5 and 6, T. 1 S., R. 23 W., which is marked by a regulation iron post, $2\frac{1}{2}$ ins. diam., reestablished in the resurvey of T. 1 S., R. 23 W.

40.00 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 32, only, at record dist.; 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.

S C
T1N R23W
$\frac{1}{4}$ S32

1960

Deposit broken glass at the base of the iron post.

A redwood post, 6 ft. long, 4 ins. square, mkd. REF 75 IKS S., bears North, 75 lks. dist.

The corner point falls in the center of E-W road.

Continue same line and measurement.

67.90 Point for the $\frac{1}{4}$ sec. cor. of sec. 6, T. 1 S., R. 23 W., which is marked by a regulation iron post, $2\frac{1}{2}$ ins. diam., reestablished in the resurvey of T. 1 S., R. 23 W.

80.00 Point for the standard cor. of secs. 31 and 32, at record distance; there is no remaining evidence of the original corner.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

BOOK 4012

Chains

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.

S C
T1N R23W
S31 S32

1960

Deposit broken glass at the base of the post.

A redwood post, 6 ft. long, 4 ins. square, mkd. REF 50 LKS N, bears South, 50 lks. dist.

The corner is in the intersection of roads bearing E., W. and N.

Land, level.

Soil, gravelly in the E. and deep clay loam in the W.

Timber, small salt cedar.

Undergrowth, mesquite, salt cedar and willows.

West, on record course, on the S. bdy. of sec. 31.

Over level land, along a bladed road, cultivated field to the N. and undergrowth to S.

7.90 The W $\frac{1}{16}$ sec. cor. of sec. 6, T. 1 S., R. 23 W., which is marked by a regulation iron post, $2\frac{1}{2}$ ins. diam., established in the resurvey of T. 1 S., R. 23 W.

11.00 Small canal, drains S.

20.00 Point for the E $\frac{1}{16}$ sec. cor. of sec. 31, only.

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

S C
T1N R23W
E1/16 S31

1960

The corner falls in bladed road.

Deposit broken glass at base of iron post.

25.40 The closing cor. of Ts. 1 S., Rs. 23 and 24 W., which is marked by a regulation iron post, $2\frac{1}{2}$ ins. in diam., reestablished in the resurvey of T. 1 S., R. 23 W.

40.00 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, 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. diam., 40 ins. in the ground, with brass cap mkd.

S C
T1N R23W
 $\frac{1}{4}$ S31

1960

The corner falls in bladed road.

BOOK 4612

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

A redwood post, 6 ft. long, 4 ins. square, mkd. REF 35 IKS S ,
bears North, 35 lks. dist..

Continue same line and measurement.

65.40 The $\frac{1}{4}$ sec. cor. of sec. 1, T. 1 S., R. 24 W., which is marked by a
regulation iron post, $2\frac{1}{2}$ ins. diam., reestablished in the resurvey
of T. 1 S., R. 23 W.

80.00 Point for the standard cor. of Ts. 1 N., Rs. 23 and 24 W., 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. diam., 44 ins. in the ground,
with brass cap mkd.

S C
TLN
R24W R23W
S36 | S31

1960

The corner falls in graded road.

Deposit broken glass at the base of the iron post.

A redwood post, 6 ft. long, 4 ins. square, mkd. REF 15 IKS N ,
bears South, 15 lks. dist.

Land, level.

Soil, deep sandy clay.

Timber, none.

Undergrowth, salt cedar, arrow weed, weeds and grass.

Dependent Resurvey of the West Boundary,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Beginning at the standard cor. of Ts. 1 N., Rs. 23 and 24 W.

Thence

North, on record bearing, bet. secs. 31 and 36.

Over level land, along a fenced lane, cultivated land to the E. and
W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, 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., 27 ins. in the
ground, with brass cap mkd.

TLN
R24W R23W
 $\frac{1}{4}$
S36 | S31

1960

Deposit broken glass at the base of the post.

The corner is located in the fence line, on E. side of lane.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

BOOK 4012

Chains	Continue on same line, with continuous measurement.										
78.60	Canal, 10 ft. wide, 5 ft. deep, flowing W.										
80.00	Point for the cor. of secs. 25, 30, 31 and 36, 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., 28 ins. in the ground, with brass cap mkd.										
	<table border="1"> <tr><td colspan="2">TLN</td></tr> <tr><td>R24W</td><td>R23W</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td colspan="2">1960</td></tr> </table>	TLN		R24W	R23W	S25	S30	S36	S31	1960	
TLN											
R24W	R23W										
S25	S30										
S36	S31										
1960											
	Deposit broken glass at the base of the post.										
	Land, level bottom.										
	Soil, deep sandy clay.										
	Timber, none.										
	Undergrowth, salt cedar, arrowweed; land partly cultivated.										
	North, on record bearing, bet. secs. 25 and 30										
	Over level land, through dense undergrowth.										
3.30	The 1930 left bank of the Colorado River, 4 to 5 ft. in height, bearing S. $46^{\circ} 35'$ E. and N. $58^{\circ} 54'$ W.										
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 26 ins. in the ground, for witness point, with brass cap mkd.										
	<table border="1"> <tr><td colspan="2">WP</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td>R24W</td><td>R23W</td></tr> <tr><td colspan="2">TLN</td></tr> <tr><td colspan="2">1961</td></tr> </table>	WP		S25	S30	R24W	R23W	TLN		1961	
WP											
S25	S30										
R24W	R23W										
TLN											
1961											
	Set a redwood post, 7 ft. long, 4 ins. sq., alongside the iron post as a guard stake.										
	Discontinue the resurvey of the bdy. bet. Ts. 1 N., Rs. 23 and 24 W.										
	<p>Dependent Resurvey of a Portion of the Subdivision of T. 1 N., R. 23 W., G. & S. R. Mer., Arizona</p> <hr/> <p>Reestablishment of the Surveys Executed by J. A. Barry, D. S., in 1902</p> <hr/> <p>Beginning at the reestablished standard cor. of secs. 32 and 33, on the S. bdy. of the Tp.</p> <p>Thence</p> <p>N. $0^{\circ} 03'$ W., bet. secs. 32 and 33.</p> <p>Over level land, along a N-S road.</p>										
20.05	Cattle guard in E-W fence line.										

BOOK 4612

Limited Dependent Resurvey,
T. 1 N., R. 23 W.; G. & S. R. Mer., Arizona

Chains

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33 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. diam., 40 ins. in the ground, with brass cap mkd.

T1N R23W

S32 | S33

1960

Corner falls in road.

Deposit broken glass at the base of post.

A redwood post, 6 ft. long, 4 ins. square, mkd. REF 40 lks W, bears East, 40 lks. dist.

80.00

Point for the cor. of secs. 28, 29, 32 and 33 at record distance for latitudinal position and at proportionate distance for longitudinal position.

At the corner point

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

T1N R23W

S29 | S28

S32 | S33

1960

Corner falls in road.

Deposit broken glass at the base of post.

A redwood post, 6 ft. long, 4 ins. square, mkd. REF 14 lks W, bears East, 14 lks. dist.

From this cor., the original cor. of secs. 27, 28, 33 and 34, mkd. by a porphyry stone, 28 x 11 x 8 ins., firmly set, in a mound of stones, mkd. with 1 groove on the S. face and 3 grooves on the E. face, bears S. $89^{\circ} 53'$ E., 79.86 chs. dist.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.

T1N R23W

S28 | S27

S33 | S34

1960

Deposit the original stone alongside the post.

Land, level bottom.

Soil, deep sandy clay.

Timber, none.

Undergrowth, arrowweed, salt cedar, weeds and grass in patches; land partly cultivated.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

N. $0^{\circ} 11'$ W., bet. secs. 28 and 29.

Over level land, along a N-S road, with cultivated land to the W. and patches of dense undergrowth to E.

19.50 Canal, 25 lks. wide, 4 ft. deep, flowing W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 28 and 29, 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., 26 ins. in the ground, with brass cap mkd.

TLN R23W	
↑	
S29	S28
1960	

Deposit broken glass at the base of the post.

Set a redwood guard post, 1 lk. to the N.

80.00 Point for the cor. of secs. 20, 21, 28 and 29, as determined at record distance for latitudinal position and at proportionate distance for longitudinal position.

At the point for corner

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

TLN R23W	
S20	S21

S29	S28
1960	

Deposit broken glass at base of post.

An iron post, 30 ins. long, $2\frac{1}{2}$ ind. in diam., set 27 ins. in the ground as a reference monument, mkd. 64 IKS RM S28, with an arrow pointing to the cor., bears S. $48^{\circ} 15'$ E., 64 lks. dist.

An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., set 28 ins. in the ground as a reference monument, mkd. RM S21 37 IKS, with an arrow pointing to the cor., bears N. $25^{\circ} 59'$ E., 37 lks. dist.

Land, level bottom.

Soil, deep sandy clay.

Timber, scattered salt cedar.

Undergrowth, arrowweed, salt cedar and willows; land partly cultivated.

The point for the cor. of secs. 21, 22, 27 and 28, is marked by an iron pipe, 1 in. diam., firmly set in the ground, at the N. edge of an E-W road, identified as marking the original position of the corner by the Bureau of Reclamation.

At the corner point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 40 ins. in the

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

ground, with brass cap mkd.

TLN R23 W	
S21	S22
<hr/>	
S28	S27
1960	

Deposit broken glass at base of post.

From this corner, the original $\frac{1}{4}$ sec. cor. of secs. 22 and 27, marked by a malpais rock, 13 x 9 x 6 ins., firmly set, mkd. $\frac{1}{4}$ on N face, bears N. $89^{\circ} 50'$ E., 40.01 chs. dist.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 27 ins. in the ground, with brass cap mkd.

TLN R23W	
S 22	
$\frac{1}{4}$	<hr/>
S 27	
1960	

Deposit the original stone alongside the post.

Thence, from the cor. of secs. 21, 22, 27 and 28.

N. $89^{\circ} 56'$ W., bet. secs. 21 and 28.

Over nearly level land, along an E-W read, with dense undergrowth on both sides.

20.00 Canal, 25 lks. wide, 5 ft. deep, flows S.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 28, at proportionate dist.; 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, with brass cap mkd.

TLN R23W	
S 21	
$\frac{1}{4}$	<hr/>
S 28	
1960	

Deposit broken glass at the base of post.

A redwood post, 6 ft. long, 4 ins. sq., mkd. REF $3\frac{1}{4}$ lks S., bears North, $3\frac{1}{4}$ lks. dist.

40.35 Canal, 20 lks. wide, 5 ft. deep, flows S.

80.00 The cor. of secs. 20, 21, 28 and 29.

Land, nearly level.

Soil, deep sandy clay.

Timber, none.

Undergrowth, arrowweed, salt cedar, willows; land partly cultivated.

N. $0^{\circ} 24'$ W., bet. secs. 20 and 21.

Over level land, along a N-S road, with cultivated land on both sides.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21, at record dist.; there is no remaining evidence of the original corner.

Limited Dependent Resurvey,
T. 1 N., 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., 40 ins. in the ground, with brass cap mkd.

T1N R23W

$\frac{1}{4}$

S20 | S21

1960

Deposit broken glass at base of post.

41.52

The left bank of the present channel of Colorado River, bearing N. $79^{\circ} 09'$ W. and easterly.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 22 ins. in the ground, for witness point on the line bet. secs. 20 and 21, with brass cap mkd.

W P

S20 | S21

T1N | R23W

1960

Deposit broken glass at base of post and raise a mound of stone around the post.

From the witness point, the original $\frac{1}{4}$ sec. cor. of secs. 15 and 22, mkd. by a malpais stone, 13 x 9 x 6 ins., firmly set in the ground and in a mound of stone in an old E-W fence line, bears N. $72^{\circ} 13' 50''$ E., 125.74 chs. dist.

At the same point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 26 ins. in the ground, with brass cap mkd.

T1N R23W

S15

$\frac{1}{4}$

S22

1960

Deposit the original stone alongside the post.

From the $\frac{1}{4}$ sec. cor., the original cor. of secs. 14, 15, 22 and 23, mkd. by a malpais stone, 18 x 14 x 12 ins., firmly set in the ground and in a mound of stones, mkd. with 3 grooves on the S. face and 2 grooves on the E. face, bears N. $89^{\circ} 51'$ E., 40.01 chs. dist.

At the same point

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 28 ins. in the ground, with brass cap mkd.

T1N R23W

S15 | S14

S22 | S23

1960

Deposit the original stone alongside the iron post.

Land, level bottom.

Soil, deep sandy clay.

Timber, none.

Undergrowth, cultivated land on both sides of line.

BOOK 4612

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona.

Chains

From the standard cor. of secs. 31 and 32, on S. bdy. of Tp.

Thence

N. $0^{\circ} 05'$ W., bet. secs. 31 and 32.

Over level land, along a N-S road, partly cultivated on both sides of line.

20.00 Point for the S $1/16$ sec. cor. of secs. 31 and 32.

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

T1N R23W

S $1/16$

S31 | S32

1960

Deposit broken glass at base of post.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32, 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., 28 ins. in the ground, with brass cap mkd.

T1N R23W

$\frac{1}{4}$

S31 | S32

1960

Deposit broken glass at base of post.

74.43 The 1930 left bank of the Colorado River, 4 ft. high, bearing S. $61^{\circ} 55'$ W. and N. $57^{\circ} 03'$ E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 25 ins. in the ground, for meander cor. of sec. 31, with brass cap mkd.

T1N R23W

MC

S31 | S32

1961

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the post as a guard stake.

The E. edge of a N-S gravel road bears West, 15 lks. dist.

Land, level bottom.

Soil, deep sandy clay.

Timber, scattered cottonwood and large willows.

Undergrowth, arrowweed and salt cedar.

From the cor. of secs. 28, 29, 32 and 33.

Thence

N. $89^{\circ} 59'$ W., bet. secs. 29 and 32.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

Over level land, through cultivated field.

10.10 Canal, 20 lks. wide, 5 ft. deep, flows S. about 20 lks., thence W.

39.98 Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32, at proportionate dist.; 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, with brass cap mkd.

T1N R23W

S 29

$\frac{1}{4}$

S 32

1960

Deposit broken glass at base of post.

71.36 The 1930 left bank of the Colorado River, bearing S. $57^{\circ} 03'$ W. and N. $66^{\circ} 00'$ E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 26 ins. in the ground, for meander cor. of sec. 29, with brass cap mkd.

T1N R23W

MC S29

S32

1961

from which

A willow, 6 ins. diam., bears S. $44^{\circ} 15'$ E., 29 lks. dist., mkd. MC S32 BT.

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the post as a guard stake.

Land, level bottom.

Soil, sandy clay.

Timber, sparse large willows.

Undergrowth, arrowweed and salt cedar.

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

Thence

N. $89^{\circ} 58'$ E., bet. secs. 30 and 31.

Over level land, through dense arrowweed and salt cedar.

3.49 The 1930 left bank of the Colorado River, 5 ft. high, at crest of slough of reeds and tullies.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for witness point on the line bet. secs. 30 and 31, with brass cap mkd.

T1N R23W

S 30

WP

S 31

1961

Land, nearly level.

Soil, sandy clay.

Timber, scattered willows; undergrowth, arrowweed, salt cedar.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

DOLN 4012

Chains	
	From the cor. of secs. 20, 21, 28 and 29.
	Thence
	West, bet. secs. 20 and 29.
	Over level land, along N. side of farm road, with cultivated fields to N. and S.
27.33	Road, bears N.
31.00	The 1930 left bank of the Colorado River as determined 1930 aerial photography, bearing N. 22° 45' E. and S. 5° 55' W.
	Set an iron post, 30 ins. long, 2½ ins. in diam., 38 ins. in the ground, for meander cor. of sec. 29, with brass cap mkd.
	TLN R23W S20 MC / S29 1961
	The corner is set 20 lks. N. of the S. edge of graveled E-W farm road.
	A redwood post, mkd. REF 30 N, bears South, 30 lks. dist.
	A redwood post, mkd. REF 50 S, bears North, 50 lks. dist.
	Land, level bottom.
	Soil, deep sandy clay.
	Timber, none.
	Undergrowth, overgrown fields in places.
	Partial Subdivision of Section 31, T. 1 N., R. 23 W.
	From the ¼ sec. cor. of sec. 31, on S. bdy. of Tp.
	Thence
	N. 0° 04' W., along the N-S center line of sec. 31.
	Over level land, through medium undergrowth.
20.00	The center-south 1/16 sec. cor. of sec. 31.
	Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, with brass cap mkd.
	TLN R23W C S1/16 S31 C 1960
	Deposit broken glass at base of post.
20.75	Fence, bears E. and W.
29.50	Fence, bears E. and W.
40.00	The center ¼ sec. cor. of sec. 31 at intersection with E-W center line.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

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

TLN R23W

C $\frac{1}{4}$ S31

1960

Deposit broken glass at base of the post.

49.65 Fence; bears E. and W.

63.60 Fence, bears E. and W.

65.50 The 1930 left bank of the Colorado River, 5 ft. high, bearing N. $83^{\circ} 21'$ W. and S. $83^{\circ} 21'$ E.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in ground; for special meander cor. on N-S centerline of sec. 31, with brass cap mkd.

TLN R23W

SMC

C

S | 31

C

1961

Set a redwood post, 4 ins. sq., alongside for guard stake.

From the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

N. $89^{\circ} 59'$ W., along the E-W center line of sec. 31.

Over level land, through partly cleared land.

0.35 Graded road, bears N. and S.

0.76 Fence, along road; enter field.

11.10 Small canal, flows S.

11.25 Fence, bears N. and S.

19.99 The center-east $1/16$ sec. cor. of sec. 31.

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

TLN R23W

E $1/16$

C ——— C

S31

1960

Deposit broken glass at base of post.

39.98 The center $\frac{1}{4}$ sec. cor. of sec. 31.

40.60 Unimproved road, bears N. and S.

57.10 Fence, bears N. and S.

Limited Dependent Resurvey,
T1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

- 57.45 Small canal, flows S.
76.60 Fence, bears N. 89° E. and S. 89° W.
79.91 The $\frac{1}{4}$ sec. cor. of secs. 31 and 36, on W. bdy. of Tp.

From the standard east $\frac{1}{16}$ sec. cor. of sec. 31, on the S. bdy. of Tp.

Thence

N. 0° 04' 30" W., along the north-south center line of the $SE\frac{1}{4}$, sec. 31.

Over level land, through partly cultivated land.

- 20.00 The SE $\frac{1}{16}$ sec. cor. of sec. 31.

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

T1N R23W
SE 1/16
S31
1960

Deposit broken glass at base of post.

- 40.00 The center-east $\frac{1}{16}$ sec. cor. of sec. 31.

From the south $\frac{1}{16}$ sec. cor. of secs. 31 and 32.

Thence

West, along the east-west center line of the $SE\frac{1}{4}$, sec. 31.

Over level land, through partly cultivated area.

- 20.00 The SE $\frac{1}{16}$ sec. cor. of sec. 31.

- 40.00 The center-south/ $\frac{1}{16}$ sec. cor. of sec. 31.

Land, level bottom.

Soil, sandy clay.

Timber, none.

Undergrowth, arrowweed, salt cedar, weeds; partly cultivated.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

Traverse of 1930 Left Bank
of Colorado River.

The following field notes are those of the traverse of the old left bank of the Colorado River as the river ran in 1930 and prior to its abandonment as caused by the man-induced channelization by the Keele Cut. Through secs. 30, 31 and 32 the bank is undisturbed and quite evident, being 5 to 8 feet in height. In secs. 20 and 29, cultivation and precision leveling has erased all visible evidence of it. This portion of the traverse has been determined from aerial photography (Fairchild Aerial Surveys) taken in 1930 upon which the left bank is clearly defined and upon which the Keele Cut, immediately after its dredging, may be identified. To perpetuate the position of the bank, the angle points of the traverse have been appropriately monumented.

Where the traverse fronts upon public lands, the portions thereof are held to be fixed and limiting boundaries of the public land tracts.

From the witness point for the line bet. secs. 25 and 30, on W. bdy. of Tp., as hereinbefore described.

Thence, traverse the 1930 left bank, in sec. 30.

S. $46^{\circ} 35'$ E., 4.80 chs.

4.80 The witness point for the line bet. secs. 30 and 31, hereinbefore described.

Thence, in sec. 31.

S. $46^{\circ} 32'$ E., 5.74 chs.

5.74 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for Angle Point 1, sec. 31, with brass cap mkd.

T1N R23W

S31 AP 1

1961

from which

A cottonwood, 26 ins. in diam., bears N. $64^{\circ} 00'$ W., 62 lks. dist., mkd. AP 1 S31 BT.

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the post as a guard stake.

S. $56^{\circ} 35'$ E., 14.86 chs.

14.86 Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for Angle Point 2, sec. 31, with brass cap mkd.

T1N R23W

S 31 AP 2

1961

from which

A cottonwood, 18 ins. diam., bears S. $11^{\circ} 00'$ W., 22 lks. dist., mkd. AP 2 S31 BT.

BOOK 4612

Limited Dependent Resurvey,
T. 1 N., R. 23 W.; G. & S. R. Mer., Arizona

Chains	S. 83° 21' E., 25.30 chs.
19.97	The SMC on the N-S centerline, sec. 31, hereinbefore described.
25.30	Set an iron post, 30 ins. long, 2½ ins. in diam., 2½ ins. in the ground, for Angle Point 3, sec. 31, with brass cap mkd.
	TLN R23W AP 3 S 31 1961
	from which
	A wood fence, bears East, 22 lks. dist.
	S. 89° 45' E., 12.76 chs.
0.22	Fence, bears N. and S.
12.76	Set an iron post, 30 ins. long, 2½ ins. diam., 2½ ins. in the ground, for Angle Point 4, sec. 31, with brass cap mkd.
	TLN R23W AP 4 S 31 1961
	from which
	A willow, 6 ins. diam., bears N. 71° E., 19 lks. dist., mkd. AP 4 S31 BT.
	A willow, 6 ins. diam., bears S. 26° 20' E., 29 lks. dist., mkd. AP 4 S31 BT.
	N. 75° 33' E., 7.86 chs.
6.15	Leave dense undergrowth along river bank and enter area of cultivation.
7.86	Set an iron post, 30 ins. long, 2½ ins. in diam., 2½ ins. in the ground, for Angle Point 5, sec. 31, with brass cap mkd.
	TLN R23W AP 5 S 31 1961
	The post is set in N-S fence line, 5 lks. S. of wood post.
	N. 61° 55' E., 16.25 chs.
14.50	Leave field; enter dense arrowweed.
14.90	Irrigation canal, 10 lks. wide, 6 ft. deep.
15.18	Fence, bears N. and S.
15.88	Center of gravel road, bears N. and S.
16.25	The meander cor. of sec. 31, on the line bet. secs. 31 and 32, hereinbefore described.

Limited Dependent Resurvey,
T. 1 N., R. 23 W.; G. & S. R. Mer., Arizona

Chains	Thence, in sec. 32
	N. 57° 03' E., 10.24 chs.
10.24	The meander cor. of sec. 29, on the line bet. secs. 29 and 32, hereinbefore described.
	Thence in sec. 29
	N. 66° 00' E., 8.00 chs.
0.15	S. edge of E-W bladed road.
0.45	Enter cultivated field.
8.00	Set an iron post, 30 ins. long, 2½ ins. in diam., 50 ins. in the ground, for Angle Point No. 1, sec. 29, with brass cap mkd.
	AP 1 / S 29 TLN R23W 1961
	N. 40° 00' E., 12.00 chs.
5.35	Farm road, bears N. and S.
6.00	Irrigation ditch, 12 lks. wide, 4 ft. deep, bears N. and S.
12.00	Set an iron post, 30 ins. long, 2½ ins. diam., 50 ins. in the ground, for Angle Point 2, sec. 29, with brass cap mkd.
	TLN R23W A P 2 / S 29 1961
	N. 30° 30' E., 9.00 chs.
7.50	Irrigation ditch, 12 lks. wide, 4 ft. deep, bears E. and W.
9.00	Set an iron post, 30 ins. long, 2½ ins. in diam., 50 ins. in the ground, for Angle Point 3, sec. 29, with brass cap mkd.
	TLN R23W AP 3 / S 29 1961
	N. 37° 35' E., 20.00 chs.
18.75	Irrigation ditch, 12 lks. wide, 4 ft. deep, bears N. and S.
20.00	Set an iron post, 30 ins. long, 2½ ins. in diam., 25 ins. in the ground, for Angle Point 4, sec. 29, with brass cap mkd.
	TLN R23W AP 4 / S 29 1961
	from which
	Pumice block drainage gate, bears S. 48° 50' W., 83 lks. dist.
	Set a redwood post, 7 ft. long, 4 ins. sq., alongside the iron post as a guard stake.
	N. 23° 30' E., 12.00 chs.
12.00	Set an iron post, 30 ins. long, 2½ ins. in diam., 25 ins. in the ground, for Angle Point 5, sec. 29, with brass cap mkd.

BOOK 4612

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

T1N R23W

AP 5 / S 29

1961

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the iron post as a guard stake.

The angle point is located 5 lks. west of N-S irrigation ditch.

N. 5° 55' E., 33.19 chs.

- 0.15 Irrigation ditch, 15 lks. wide, 4 ft. deep, bears N. and S.
- 14.14 Irrigation ditch, 25 lks. wide, 8 ft. deep, bears E. and W.
- 32.65 Irrigation ditch, 12 lks. wide, 4 ft. deep, bears N. and S.
- 33.00 S. edge of E-W gravel road.
- 33.19 The meander cor. of sec. 29, on the line bet. secs. 20 and 29, hereinbefore described.
- Thence, in sec. 20.
- N. 22° 45' E., 7.00 chs.
- 0.60 Enter cultivated field.
- 7.00 Set an iron post, 30 ins. long, 2½ ins. in diam., 50 ins. in the ground, for Angle Point 1, sec. 20, with brass cap mkd.
- T1N R23W
- AP 1 / S 20
- 1961
- from which
- A redwood post, 7 ft. long, 4 ins. sq., mkd. REF AP 1 52.1 FT WEST, bears East, 79 lks. dist.
- N. 5° 00' E., 21.00 chs.
- 12.60 Irrigation ditch, 10 lks. wide, 3 ft. deep, bears E. and W.
- 21.00 Set an iron post, 30 ins. long, 2½ ins. in diam., 50 ins. in the ground, for Angle Point 2, sec. 20, with brass cap mkd.
- T1N R23W
- AP 2 / S 20
- 1961
- from which
- A redwood post, 7 ft. long, 4 ins. sq., mkd. REF AP 2 72.6 FT E, bears West, 1.10 chs. dist.
- N. 6° 05' W., 25.08 chs.
- 3.90 Irrigation ditch, 10 lks. wide, 3 ft. deep, bears E. and W.
- 23.00 Irrigation ditch, 8 lks. wide, 3 ft. deep, bears E. and W.
- 23.20 Fence, bears E. and W.

Limited Dependent Resurvey,
T. 1 N., R. 23 W., G. & S. R. Mer., Arizona

Chains

25.08

Intersect the present left bank of the Colorado River, banks 10 to 12 ft. high, bearing N. $72^{\circ} 48'$ W. and S. $68^{\circ} 15'$ E.

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

SMC
S20
TLN R23W
1961

from which

A willow, 8 ins. diam., bears S. $23^{\circ} 40'$ E., $33\frac{1}{2}$ lks. dist., mkd. SMC S20 BT.

A willow, 8 ins. diam., bears S. $3^{\circ} 04'$ W., 40 lks. dist., mkd. SMC S20 BT.

Set a redwood post, 7 ft. long, 4 ins. sq., alongside the iron post as a guard stake.

End of traverse.

Traverse and Meander of Present Left Bank
of Colorado River in sec. 20.

The following field notes are of the traverse and meander of the present left bank of the Colorado River. The traverse, in front of patented lands, is given herein for informational purposes only.

From the witness point set on the left bank, on the line bet. secs. 20 and 21, hereinbefore described.

Thence, on a traverse line, along a well defined bank, 6 to 12 ft. high, through dense undergrowth.

In sec. 20

N. $79^{\circ} 09'$ W., 5.91 chs. At 0.79 ch., Cibola Bridge across the river.

N. $69^{\circ} 59'$ W., 4.25 chs.

N. $61^{\circ} 36'$ W., 4.68 chs.

N. $67^{\circ} 48'$ W., 5.89 chs.

N. $68^{\circ} 15'$ W., 10.19 chs. At 0.75 chs., the E $1/16$ sec. line of sec. 20; thence with meanders in front of public land.

At end of course, the SMC at the intersection of the traverse of the 1930 left bank, hereinbefore described.

Chains

General Description

The land covered by the resurvey is located in the bottom lands of the Colorado River, nearly level except in the eastern edge of the area, where there are a series of low gravel hills. Most of the land is now being cultivated. The land outside the cultivated areas is covered by a dense growth of arrowweed, salt cedar, iron wood, willows, weeds and grass. The soil throughout the area is excellent for agriculture and the greater portion of the land resurveyed is capable of being used for that purpose. The water for the farming operations is supplied by pumps in the river.

4-680
(August 1947)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Rex J. Edwards	Transitman
Gary T. Oviatt	Chairman
Paul G. Bauer	Chairman
Ashley D. Allen	Cornerman
Max Asay	Flagman

CERTIFICATE OF CADASTRAL ENGINEER

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 30th day of October, 1959
and supplemental special instructions dated the 12th day of September, 1961
I have ~~surveyed~~ executed certain correctional surveys in the resurveys made by
Robert C. Yundt, Cadastral Surveyor, Township 1 North, 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.

November 8, 1961

Leonard W. Murphy
Surveying Technician

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
JAN 11 1962
Washington, D. C., _____, 19____

The foregoing field notes of the ~~surveys of~~ limited dependent resurvey of T. 1 N., R. 23 W.,
G. & S. R. Mer., Arizona, as executed by Robert C. Yundt in 1959-60, with corrections
by Leonard W. Murphy,

~~therefore~~
having been critically examined and found correct, are hereby approved.

[Signature]
Chief, Branch of Engineering and Construction
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.

Chief, Branch of Engineering and Construction.