

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

*Suspended
cancelled
See Book 4612*

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE

GILA AND SALT RIVER BASE LINE IN RANGE 23 WEST,

THE WEST BOUNDARY AND A PORTION OF THE SUBDIVISION,

AND SURVEY

OF A PORTION OF THE SUBDIVISION

OF SECTION 31

AND TRAVERSE OF THE LEFT BANK OF THE

COLORADO RIVER IN SECTION 20

TOWNSHIP 1 NORTH, RANGE 23 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Robert C. Yundt, Cadastral Surveyor

Under special instructions dated October 30, 1959, which provided
for the surveys included under Group No. 343, approved November 19, 1959
and assignment instructions dated December 15, 1959

Survey commenced December 21, 1959

Survey completed February 5, 1960

1A

Cancelled
1-11-62.
See Return accepted
1-11-62, Book 4612

Suspended
7-24-61

BOOK 4578

4578

INDEX DIAGRAM

Township 1 North, Range 23 West

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

Township 1 North, Range 23 West

Chains

The original survey of T. 1 N., R. 23 W. of the Gila and Salt River Meridian, Arizona was made by John A. Barry in 1902, as shown upon a plat approved November 3, 1903.

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 south two miles of the west boundary, and a portion of the subdivision ~~and survey of a portion of section 31.~~ The following corners of the original survey were identified and used to control the resurvey: the standard corner of sections 32 and 33, the corner of sections 27, 28, 33 and 34, the corner of sections 21, 22, 27 and 28, the $\frac{1}{4}$ section corner of sections 22 and 27, the corner of sections 14, 15, 22 and 23, and the $\frac{1}{4}$ section corner of sections 15 and 22. From the standard corner of sections 32 and 33, the south boundary, or Gila and Salt River Base line was projected due West to the standard corner of T. 1 N., R. 23 and 24 W. at record distance. The southern two miles of the west boundary were established at record distances North of the standard township corner, and the corners along the south and west boundaries, as well as the identified original, were used to restore the missing corners of the subdivision. That portion of the line between sections 20 and 21 lying south of the Colorado River, was reestablished under control of the restored corner of sections 20, 21, 28 and 29 and the original $\frac{1}{4}$ section corner of sections 22 and 27.

Before remonumenting an original corner position, or restoring a missing corner, the lines of the original survey were retraced and searches made for the original corner monuments, and other calls of the field notes. After completing the necessary retracements, the rules of proportionate measurement, or record course and distance in those cases where there was no opposite corner to be used, were applied in order to ascertain the location of each lost corner, and when duly identified or restored, the corner positions were remonumented with the regulation iron posts; In order to simplify the record, only the true line courses and distances referring to the completed resurvey, are supplied here.

The geographic position of the standard corner of sections 32 and 33 on the south boundary of the township, determined from the information contained on the quadrangle sheet of the U. S. Geological Survey, is as follows: Latitude $33^{\circ} 22' 33''$ N. and Longitude $114^{\circ} 39' 24''$ W. The mean magnetic declination was found to be 14° East.

The resurvey was commenced December 21, 1959 and was executed with W. and L. E. Gurley solar transit No. 541332 and Wild optical transit Model T-16, No. 54423. The direction of the lines of the resurvey were determined by reference to true meridians established on line by altitude observations on the sun or hour angle observations on Polaris. The measurements were made with Chicago steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. The tapes were tested by comparison with a Lufkin standard steel tape, one chain in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, or the transit, and the slope distances properly reduced to horizontal equivalents, which are used in the field note record.

Dependent Resurvey of a Portion of the Gila and Salt River Base Line
in R. 23 W.

Reestablishment of the surveys executed by J. A. Barry in 1902.

The original standard cor. of secs. 32 and 33, T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona, is mkd. by a porphyry stone, 20x16x5 ins., firmly set in the ground and in a mound of stone, mkd. SC on N. face, 2 grooves on W. face and four grooves on E. face.

Dependent Resurvey of a Portion of the Gila and Salt River Base Line
in T. 23 W.

Chains

At the same point,

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

S C

R1N R23W

S32|S33

1960

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

Thence,

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

Over nearly level land, through medium dense undergrowth.

.20 Bladed roads at forks, bear NE., N., W. and SW.; cont. 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., subsequently established at this point, in the bottom of an old canal draining SW.

40.00 At the restored standard $\frac{1}{4}$ sec. cor. of secs. 32 at record dist.; there is no remaining evidence of the original cor.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. 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, from which

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

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

Cont. same line, with continuous measurement.

67.90 The $\frac{1}{4}$ sec. cor. of sec. 6, T. 1 S., R. 23 W., subsequently established at this point.

80.00 Record dist.; there being no remaining evidence of the original standard cor. of secs. 31 and 32,

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 36 ins. in the ground, at the restored standard cor. of secs. 31 and 32, with brass cap mkd.

S C

T1N R23W

S31|S32

1960

Deposit broken glass at the base of the iron post, from which,

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

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

Land, nearly level.

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

Timber, small salt cedar.

Undergrowth, mesquite, salt cedar and willows.

Dependent Resurvey of a Portion of the Gila and Salt River Base Line
in T. 23 W.

Chains	West, record course, on dependent resurvey along the S. bdy. of sec. 31.
	Over level land, along a bladed road, cultivated field to the N. and undergrowth to the S.
7.90	The W. 1/16 sec. cor. of sec. 6, T. 1 S., R. 23 W., subsequently established at this point.
11.00	Small canal, drains S.
20.00	Proportionate dist. Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground, at the E. 1/16 sec. cor. of sec. 31, with brass cap mkd. <div style="text-align: center;"> S C T1N R23W <u>E1/16 S31</u> 1960 </div>
	Deposit broken glass at base of iron post.
25.40	The closing cor. of T. 1 S., Rs. 23 and 24 W., subsequently established at this point, and described in the field notes of T. 1 S., R. 24 W., surveyed concurrently under Group 344.
40.00	Record dist.; there being no remaining evidence of the original standard ¼ sec. cor., Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground at the standard ¼ sec. cor. of sec. 31, with brass cap mkd. <div style="text-align: center;"> S C T1N R23W <u>¼ S31</u> 1960 </div>
	Deposit broken glass at the base of the iron post, from which A redwood post, 6 ft. long, 4 ins. square, mkd. REF 35 LKS S., bears North 35 lks. dist.
	Cont. on same line with continuous measurement.
65.40	The ¼ sec. cor. of sec. 1, T. 1 S., R. 24 W., subsequently established at this point, and described in the field notes of T. 1 S., R. 24 W., surveyed concurrently under Group 344.
80.00	Record dist.; there being no remaining evidence of the original cor., Set an iron post, 30 ins. long, 2½ ins. diam., 44 ins. in the ground, at the restored standard cor. of T. 1 N., Rs. 23 and 24 W., with brass cap mkd. <div style="text-align: center;"> S C T1N R24W R23W <u>S36 S31</u> 1960 </div>
	Deposit broken glass at the base of the iron post, from which A redwood post, 6 ft. long, 4 ins. square, mkd. REF 15 LKS N., bears South 15 lks. dist.
	Land, level. Soil, deep, sandy clay. Timber, none. Undergrowth, salt cedar, arrow brush, weeds and grass.

Dependent Resurvey of a Portion of the West Boundary of
T. 1 N., R. 23 W.

Chains	Beginning at the restored standard cor. of T. 1 N., Rs. 23 and 24 W.
	Thence
	North, record course, on dependent resurvey bet. secs. 31 and 36.
	Over level land, along a fenced land, cultivated land to the E. and W.
40.00	Record dist.; there being no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 27 ins. in the ground, at the restored ¼ sec. cor. of secs. 31 and 36, with brass cap mkd.
	T1N R24W R23W ¼ S36 S31 1960
	Deposit broken glass at the base of the iron post. This cor. is located in the fence line on the E. side of the lane.
	Cont. on same line, with continuous measurement.
78.60	Canal 10 ft. wide, 5 ft. deep, drains W.
80.00	Record dist.; there being no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, at the restored cor. of secs. 25, 30, 31 and 36, with brass cap mkd.
	T1N R24W R23W S25 S30 S36 S31 1960
	Deposit broken glass at the base of the iron post.
	Land, level bottom land.
	Soil, deep, sandy clay.
	Timber, none.
	Undergrowth, salt cedar, arrowweed; land partly cultivated.
	North, record course, on dependent resurvey bet. secs. 25 and 30.
	Over level land, partly cultivated and partly in a dense undergrowth.
40.00	Record dist.; there being no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, at the restored ¼ sec. cor. of secs. 25 and 30, with brass cap mkd.
	T1N R24W R23W ¼ S25 S30 1960
	Deposit broken glass at the base of the iron post.
	Cont. on same line, with continuous measurement.
78.70	Bladed road, bears E. and W. about 60 lks., thence S.

Dependent Resurvey of Portion of the West Boundary of T. 1 N., R. 23 W.

Chains
80.00

Record dist.; there being no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, at the restored cor. of secs. 19, 24, 25 and 30, with brass cap mkd.

T1N	
R24W	R23W
S24	S19
S25	S30
1960	

Deposit broken glass at base of iron post.

Land, level bottom.

Soil, deep sandy clay.

Timber, none.

Undergrowth, arrow weed, salt cedar, weeds and grass; land partly cultivated.

Dependent Resurvey of a Portion of the Subdivision of
T. 1 N., R. 23 W.

Reestablishment of the surveys executed by John A. berry in 1902.

Beginning at the restored standard cor. of secs. 32 and 33, on the S. bdy. of the Tp.

Thence

N. 0° 03' W., on dependent resurvey bet. secs. 32 and 33.

Over gently rolling land, along a N-S road, through dense undergrowth, with patches of cultivated land on both sides.

20.05 Cattle guard in E-W fence line.

40.00 Record dist.; there being no remaining evidence of the original cor.,

Set an iron post, 30 ins. long, 2½ ins. diam., 42 ins. in the ground, at the restored ¼ sec. cor. of secs. 32 and 33, with brass cap mkd.

T1N R23W	
¼	
S32	S33
1960	

Deposit broken glass at the base of the iron post, from which,

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

Cont. on same line with continuous measurement.

80.00 Record dist.; there being no remaining evidence of the original cor.,

Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground, at the restored cor. of secs. 28, 29, 32 and 33, with brass cap mkd.

T1N R23W	
S29	S28
S32	S33
1960	

Deposit broken glass at base of iron post, from which,

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

Dependent Resurvey of a Portion of the Subdivision of
T. 1 N., R. 23 W.

Chains

Land, level bottom land.
Soil, deep, sandy clay.
Timber, none.
Undergrowth, arrow weed, salt cedar, weeds and grass in patches;
land partly cultivated.

From this cor. the original cor. of secs. 27, 28, 33 and 34, mkd.
by a porphyry stone, 28x11x8 ins., firmly set in the ground, in a
mound of stone, mkd. with 1 groove on the S. face and 3 grooves on
the E. face, bears S. 89° 53' E., 79.86 chs. dist.; at the same point,

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground,
with brass cap mkd.

T1N	R23W
S28	S27
S33	S34
1960	

Deposit the original stone alongside the iron post.

Beginning at the restored cor. of secs. 28, 29, 32 and 33.

Thence

N. 0° 11' W., on dependent resurvey bet. secs. 28 and 29.

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

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

40.00 Record dist.; there being no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground
at the restored ¼ sec. cor. of secs. 28 and 29, with brass cap mkd.

T1N	R23W
S29	S28
1960	

Deposit broken glass at the base of the iron post and set a redwood
guard post 1 lk. to the N.

80.00 Record dist.; there being no remaining evidence of the original cor.,
in the intersection of road bearing N., S., E. and W.

Set an iron post, 30 ins. long, 2½ ins. diam., 52 ins. in the ground
at the restored cor. of secs. 20, 21, 28 and 29, with brass cap mkd.

T1N	R23W
S20	S21
S29	S28
1960	

Deposit broken glass at base of iron post; from which

An iron post, 30 ins. long, 2½ ins. diam., set 27 ins. in the
ground as a reference monument, mkd. 64 LKS RM S28, with an arrow
pointing to the cor., bears S. 48° 15' E., 64 lks. dist.

Dependent Resurvey of a Portion of the Subdivision of
T. 1 N., R. 23 W.

Chains

An iron post, 30 ins. long, 2½ ins. diam., set, 28 ins. in the ground as a reference monument, mkd. RM S21 37 LKS., with an arrow pointing to the cor., bears N. 25° 59' E., 37 lks. dist.

Land, level bottom land.

Soil, deep sandy clay.

Timber, scattered salt cedar.

Undergrowth, arrow weed, salt cedar and willows; land partly cultivated.

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

At the same point

Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground, with brass cap mkd.

T1N R23W

S21 | S22

S28 | S27

1960

Deposit broken glass at the base of the post.

From this cor. the original ¼ sec. cor. of secs. 22 and 27, mkd. with a malpais rock, 13x9x6 ins., firmly set in the ground and mkd. ¼ on N. face, bears N. 89° 50' E., 40.01 chs. dist. At the same point,

Set an iron post, 30 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.

T1N R23W

¼ S22

S27

1960

Deposit the original stone alongside the iron post.

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

N. 89° 56' W., on dependent resurvey bet. secs. 21 and 28.

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

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

40.00 Proportionate dist.; there being no remaining evidence of the original cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 42 ins. in the ground at the restored ¼ sec. cor. of secs. 21 and 28, with brass cap mkd.

T1N R23W

¼ S21

S28

1960

Deposit broken glass at the base of the iron post, from which

A redwood post, 6 ft. long, 4 ins. sq., mkd. REF 34 LKS S., bears North 34 lks. dist.

Cont. on same line with continuous measurement.

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

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

Land, nearly level bottom land.

Soil, deep sandy clay.

Timber, none.

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

Dependent Resurvey of a Portion of the Subdivision of
T. 1 N., R. 23 W.

Chains	N. 0° 24' W., on dependent resurvey bet. secs. 20 and 21.
	Over level land, along a N-S road, with cultivated land on both sides.
40.00	Record dist.; there being no remaining evidence of the original cor.
	Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground at the restored ¼ sec. cor. of secs. 20 and 21, with brass cap mkd.
	<p style="text-align: center;">T1N R23W ¼ S20 S21 1960</p>
	Deposit broken glass at the base of the iron post. Cont. on same line with continuous measurement.
41.52	Mean high water mark on the left bank of the Colorado, bearing N. 74° 09' W., and easterly.
	Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground as a witness point for secs. 20 and 21, with brass cap mkd.
	<p style="text-align: center;">W P S20 S21 T1N R23W 1960</p>
	Deposit broken glass at the base of the iron post and raise a mound of stone around the post.
	From the witness point the original ¼ sec. cor. of secs. 15 and 22, mkd. by a malpais stone, 13x9x6 ins., firmly set in the ground and in a mound of stone in an old E-W fence line, bears N. 72° 13' 50" E., 125.74 chs. dist. Re-monument the ¼ sec. cor. as follows:
	At the same point
	Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T1N R23W ¼ S15 S22 1960</p>
	Deposit the original stone alongside the iron post.
	From the ¼ sec. cor., the original cor. of secs. 14, 15, 22 and 23, mkd. by a malpais stone, 18x14x12 ins., firmly set in the ground and in a mound of stone, mkd. with three grooves on the S. face and two grooves on the E. face, bears N. 89° 51' E., 40.01 chs. dist. Re-monument the cor. as follows:
	At the same point
	Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T1N R23W S15 S14 S22 S23 1960</p>
	Deposit the original stone alongside the iron post.
	Land, level bottom land.
	Soil, deep sandy clay.
	Timber, none. Undergrowth, cultivated land on both sides of line.

Dependent Resurvey of Portion of the Subdivision of
T. 1 N., R. 23 W.

Chains	
	<p>Beginning at the restored standard cor. of secs. 31 and 32, on the S. bdy. of the Tp.,</p> <p>Thence</p> <p>N. 0° .05' W., on dependent resurvey bet. secs. 31 and 32.</p> <p>Over level land, along a N-S road, partly cultivated on both sides of line.</p>
20.00	<p>Proportionate dist. for the S. 1/16 sec. cor. of secs. 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T1N R23W S 1/16 S31 S32 1960</p> <p>Deposit broken glass at the base of the iron post.</p>
40.00	<p>Record dist.; there being no remaining evidence of the original ¼ sec. cor.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground at the restored ¼ sec. cor. of secs. 31 and 32, with brass cap mkd.</p> <p style="text-align: center;">T1N R23W ¼ S31 S32 1960</p> <p>Deposit broken glass at the base of the iron post.</p>
78.40	<p>Cont. on same line, with continuous measurement.</p>
78.70	<p>Bend in road, bears S. and E. about 40 lks., thence N.</p> <p>Canal, 25 lks. wide, 6 ft. deep, drains W. from N.; cont. in canal.</p>
80.00	<p>Record dist.; there is no remaining evidence of the original cor., and the restored cor. of secs. falls in the canal. A witness cor. is established at a point 50 lks. S. 89° 59' E. of the true point.</p> <p>Land, level bottom land.</p> <p>Soil, deep sandy clay.</p> <p>Timber, none.</p> <p>Undergrowth, arrow weed; land mostly cultivated on both sides of line.</p>
10.10	<p>Beginning at the restored cor. of secs. 28, 29, 32 and 33.</p> <p>Thence</p> <p>N. 89° 59' W. on dependent resurvey bet. secs. 29 and 32.</p> <p>Over level land, through cultivated area.</p>
39.98	<p>Canal, 20 lks. wide, 5 ft. deep, drains S. about 20 lks. and thence W. from N.</p>
39.98	<p>Proportionate dist.; there being no remaining evidence of the original ¼ sec. cor.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, at the restored ¼ sec. cor. of secs. 29 and 32, with brass cap mkd.</p>

Dependent Resurvey of Portion of Subdivision of T. 1 N., R. 23 W.

Chains

	<p>T1N R23W</p> <p>$\frac{1}{4}$ $\frac{S29}{S32}$</p> <p>1960</p> <p>Deposit broken glass at the base of the iron post.</p> <p>Cont. on same line, with continuous measurement.</p>
79.20	Bladed road, bears N. and S.
79.46	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 28 ins. in the ground, as a witness cor. of the restored cor. of secs. 29, 30, 31 and 32, with brass cap mkd.
	<p>T1N R23W</p> <p>WC $\frac{S30 S29}{S31 S32}$</p> <p>1960</p> <p>Deposit broken glass at the base of the iron post.</p>
79.96	True point for the restored cor. of secs. 29, 30, 31 and 32, in canal draining S.
	<p>Land, level bottom land.</p> <p>Soil, sandy clay.</p> <p>Timber, none.</p> <p>Undergrowth, arrow weed and willows in patches; land partly under cultivation.</p>
	<p>Beginning at the true point for the restored cor. of secs. 29, 30, 31 and 32.</p> <p>Thence</p> <p>N. $89^{\circ}58'$ W., on dependent resurvey bet. secs. 30 and 31.</p> <p>Over level land, through patches of cultivated land and medium dense undergrowth, along the N. bank of a canal draining W.</p>
39.95	Proportionate dist.; there being no remaining evidence of the original $\frac{1}{4}$ sec. cor.
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, at the restored $\frac{1}{4}$ sec. cor. of secs. 30 and 31, with brass cap mkd.
	<p>T1N R23W</p> <p>$\frac{1}{4}$ $\frac{S30}{S31}$</p> <p>1960</p> <p>Deposit broken glass at the base of the iron post.</p> <p>Cont. on same line with continuous measurement.</p>
79.82	The restored cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp.
	<p>Land, level bottom land.</p> <p>Soil, deep sandy clay.</p> <p>Timber, none.</p> <p>Undergrowth, arrow weed, salt cedar, weeds and grass.</p>

Dependent Resurvey of a Portion of the Subdivision of T. 1 N., R. 23 W.

Chains

Beginning at the true point for the restored cor. of secs. 29, 30, 31 and 32.

Thence

N. 0° 04' W. on dependent resurvey bet. secs. 29 and 30.

Over level land, through mostly cultivated land, with patches of medium dense undergrowth. Line follows along the bottom of a canal draining S.

40.00

Record dist.; there being no remaining evidence of the original $\frac{1}{4}$ sec. cor., the point falling in the bottom of the canal, therefore at a point 30 lks. E.

Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground at the restored witness $\frac{1}{4}$ sec. cor. of secs. 29 and 30, with brass cap mkd.

T1N R23W

WC S30 | S29

1960

Deposit broken glass at the base of the iron post.

Cont. on same line, with continuous measurement.

79.25

Bridge across canal and graded road bearing E. and W.

80.00

Record dist.; there being no remaining evidence of the original cor. and the point falling in the canal, a witness sec. cor. is established at a point 1.00 ch. East.

Land, level bottom land.

Soil, deep sandy clay.

Timber, none.

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

Beginning at the restored cor. of secs. 20, 21, 28 and 29.

Thence

West on dependent resurvey bet. secs. 20 and 29.

Over level land in cultivated area, along the N. side of a road.

27.33

Farm road, bears N.

39.92

Proportionate dist.; there being no remaining evidence of the original $\frac{1}{4}$ sec. cor.

Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground at the restored $\frac{1}{4}$ sec. cor. of secs. 20 and 29, with brass cap mkd.

T1N R23W

$\frac{1}{4}$ S20
S29

1960

Deposit broken glass at the base of the iron post, from which

A redwood post, mkd. REF 30 S., bears North 30 lks. dist.

Cont. on same line with continuous measurement.

Dependent Resurvey of Portion of the Subdivision of T. 1 N., R. 23 W.

Chains	
40.10	Farm road, bears N.
40.60	Canal, 25 lks. wide, 5 ft. deep, drains S.
78.55	Bladed road, bears N.
78.84	Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground as a witness to the restored cor. of secs. 19, 20, 29 and 30, with brass cap mkd.
	T1N R23W WC $\frac{S19}{S30}$ $\frac{S20}{S29}$ 1960
79.84	Deposit broken glass at the base of the iron post. True point for the restored cor. of secs. 19, 20, 29 and 30. Land, level bottom land. Soil, deep sandy clay. Timber, none. Undergrowth, in cultivated land.
	Beginning at the true point for the restored cor. of secs. 19, 20, 29 and 30. Thence N. 89° 57' W., on dependent resurvey bet. secs. 19 and 30. Over level land, through cultivated area, along the N. edge of a graded road.
39.92	Proportionate dist.; there being no remaining evidence of the original ¼ sec. cor. Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, at the restored ¼ sec. cor. of secs. 19 and 30, with brass cap mkd.
	T1N R23W ¼ $\frac{S19}{S30}$ 1960
79.72	Deposit broken glass at the base of the iron post. The restored cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp. Land, level bottom. Soil, deep sandy clay. Timber, none. Undergrowth, in cultivated area.
	Beginning at the true point for the restored cor. of secs. 19, 20, 29 and 30. Thence N. 0° 03' W., record course, on dependent resurvey bet. secs. 19 and 20.

Dependent Resurvey of a Portion of the Subdivision of T. 1 N., R. 23 W.

Chains

Over level land, through partially cultivated area, line follows along the bottom of a canal.

40.00

Record dist.; there is no remaining evidence of the original $\frac{1}{4}$ sec. cor. and the point falling in the bottom of the canal a witness cor. is established at a point 1.00 ch. East.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 28 ins. in the ground at the witness to the restored $\frac{1}{4}$ sec. cor. of secs. 19 and 20, with brass cap mkd.

T1N R23W
WC $\frac{1}{4}$
S19|S20
1960

Deposit broken glass at the base of the iron post.

Cont. on same line with continuous measurement.

64.17

Intersect mean high water on the present left bank of the Colorado River.

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

M C
S19|S20
T1N R23W
1960

Deposit broken glass at the base of the iron post, from which

A large irrigation pump on the river bank bears 52 lks. N. $59^{\circ} 16'$ E.; a second pump bears 97 lks. S. $76^{\circ} 15'$ W.

Land, level bottom land.

Soil, deep sandy clay.

Timber, none.

Undergrowth, patches of arrow weed, salt cedar and weeds; land partly cultivated.

Survey of Portion of the Subdivision of Section 31, T. 1 N., R. 23 W.

Beginning at the restored $\frac{1}{4}$ sec. cor. of sec. 31 on the S. bdy. of the Tp.

Thence

N. $0^{\circ} 04'$ W. along the N-S center line of sec. 31.

Over level land, through medium dense undergrowth.

20.00

At the Center South $\frac{1}{16}$ 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.

T1N R23W
C
S1/16|S31
C
1960

Deposit broken glass at the base of the iron post.

Survey of Portion of Subdivision of Section 31, T. 1 N., R. 23 W.

Chains	
20.75	Fence, bears E. and W.
29.50	Fence, bears E. and W.
40.00	At the center $\frac{1}{4}$ 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. T1N R23W C $\frac{1}{4}$ S31 1960 Deposit broken glass at the base of the iron post.
49.65	Fence, bears E. and W.
63.60	Fence, bears E. and W.
63.75	Canal, drains W.
67.50	Fence, bears E. and W.
78.60	Canal, drains W.
80.00	The restored $\frac{1}{4}$ sec. cor. of secs. 30 and 31. Land, level bottom land. Soil, deep sandy clay. Timber, none. Undergrowth, arrow weed, salt cedar, weeds and grass; area partly cultivated.
Beginning at the restored $\frac{1}{4}$ sec. cor. of secs. 31 and 32. Thence N.89° 59' W., along the east-west center line of sec. 31. Over level land, through partly cultivated land.	
.35	Graded road, bears N. and S.
.76	Fence, bears N. and S., enter field.
11.10	Small canal, drains S.
11.25	Fence, bears N. and S.
19.99	At the center east $\frac{1}{16}$ 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. T1N R23W E 1/16 C C S31 1960 Deposit broken glass at the base of the iron post.
39.98	The center $\frac{1}{4}$ sec. cor. of sec. 31.
40.60	Unimproved road, bears N. and S.

Survey of a Portion of the Subdivision of Section 31, T. 1 N., R. 23 W.

Chains	
40.74	Fence, bears N. and S.
57.10	Fence, bears N. and S.
57.45	Small canal, drains S.
76.60	Fence, bears N. 89° E. and S. 89° W.
79.91	The quarter sec. cor. of secs. 31 and 36, on the W. bdy. of the Tp.
	Land, level bottom land. Soil, deep sandy clay. Timber, none. Undergrowth, arrow weed, salt cedar, weeds; land partly cultivated.
20.00	Beginning at the standard East 1/16 sec. cor. of sec. 31, on the S. bdy. of the Tp. Thence N. 0° 04' 30" W. along the North-South center line of the SE $\frac{1}{4}$ of sec. 31. Over level land, through partly cultivated land. At the SE 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.
	T1N R23W SE1/16 + S31 1960
40.00	Deposit broken glass at the base of the iron post. The Center-East 1/16 sec. cor. of sec. 31. Land, level bottom land. Soil, deep, sandy clay. Timber, none. Undergrowth, arrow weed, salt cedar, weeds; partly cultivated.
20.00	Beginning at the South 1/16 sec. cor. of secs. 31 and 32. Thence West, along the East-West center line of the SE $\frac{1}{4}$ of sec. 31. Over level land, through partly cultivated area.
40.00	The South-East 1/16 sec. cor. of sec. 31. The Center-South sec. cor. of sec. 31. Land, level bottom land. Soil, sandy clay. Timber, none. Undergrowth, arrow weed, salt cedar, weeds; partly cultivated.

BOOK 4578

Traverse of the Left Bank of the Colorado River in Section 20
T. 1 N., R. 23 W.

Chains

Beginning at the witness point on the left bank of the Colorado River, on the line bet. secs. 20 and 21.

Thence, on a traverse line, along the present bank of the river, downstream in sec. 20.

Along a well defined bank, from 6 to 12 ft. high, through dense undergrowth.

N. 79° 09' W., 5.91 chs.: At 79 lks. on this course is the Cibola Bridge across the river.

N. 69° 59' W., 4.25 chs.

N. 61° 36' W., 4.68 chs.

N. 67° 48' W., 5.89 chs.

N. 72° 48' W., 17.19 chs.

N. 79° 16' W., 4.35 chs.

N. 50° 00' W., 1.79 chs.

N. 77° 17' W., 10.69 chs.

N. 70° 14' W., 3.26 chs.

N. 64° 17' W., 6.54 chs.

N. 47° 07' W., 2.38 chs.

N. 73° 50' W., 3.15 chs.

N. 80° 23' W., 4.68 chs.

S. 87° 45' W., 1.48 chs.

S. 79° 09' W., 7.29 chs.

S. 71° 19' W., 1.06 chs. To the meander cor. of secs. 19 and 20.

Land, level bottom land.

Soil, deep sandy clay.

Timber, willows:

Undergrowth, arrow weed, salt cedar, ; small willows; land partly cultivated.

GENERAL DESCRIPTION

The land covered by the resurvey is located in the bottom lands of the Colorado River. The land is nearly level, except on the eastern edge of the area, where there are a series of low gravel hills. Most of the land is now being cultivated, new patches being cleared at the time of the resurvey. The land outside the cultivated areas is covered by a very dense growth of arrow weed, 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 through canals from the river.

5578

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Jerrold E. Knight	Chainman
Clarence N. Carleton	Chainman
James R. Munson	Chainman
Paul G. Bauer	Chainman
Gerald Stock	Cornerman
Daniel R. Bauer	Flagman
Stanley F. Greene	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Robert C. Yundt, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 30th day of October, 1959,
I have ~~surveyed~~ independently resurveyed portions of the south boundary or Gila and
Salt River Base Line, west boundary and subdivision and surveyed part of the sub-
division of section lines in section 31, and the left bank of the Colorado River
in section 20, all in T. 1 N., R. 23 W.

of the Gila and Salt RivMeridian, 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.

Salt Lake City, Utah

May 17, 1960

Robert C. Yundt
Robert C. Yundt
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., JUL 27 1960, 1960

The foregoing field notes of the ~~survey of~~ dependent resurvey of portions of the south
boundary and subdivisional lines, and survey of the subdivision of section lines in
section 31, and the left bank of the Colorado River in section 20, T. 1 N., R. 23 W.,
Gila and Salt River Meridian, Arizona

executed by Robert C. Yundt

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

Donald O. Clement
Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 1 N.,
R. 23 W., G&SRM, Ariz., is a true copy of the original field notes.

Donald O. Clement
Cadastral Engineering Staff Officer