

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISION

AND

SURVEY OF A PORTION OF THE SUBDIVISION OF SECTION LINES

IN

SECTIONS 29 AND 30

AND

MEANDERS OF THE LEFT BANK OF THE COLORADO RIVER

IN SECTIONS 19, 29 AND 30

TOWNSHIP 16 SOUTH, RANGE 22 EAST

T. 8 S., R. 23 W., G. & S. N. M., Ariz.
24 W.

Of the G. & S. R.
San Bernardino Meridian,

In the State of Arizona

EXECUTED BY

Robert C. Yundt, Cadastral Surveyor

Under special instructions dated November 17, 1959, which provided
for the surveys included under Group No. 347, approved December 4, 1959
and assignment instructions dated November 20 and April 27, 1959
60

Survey commenced December 14, 1959

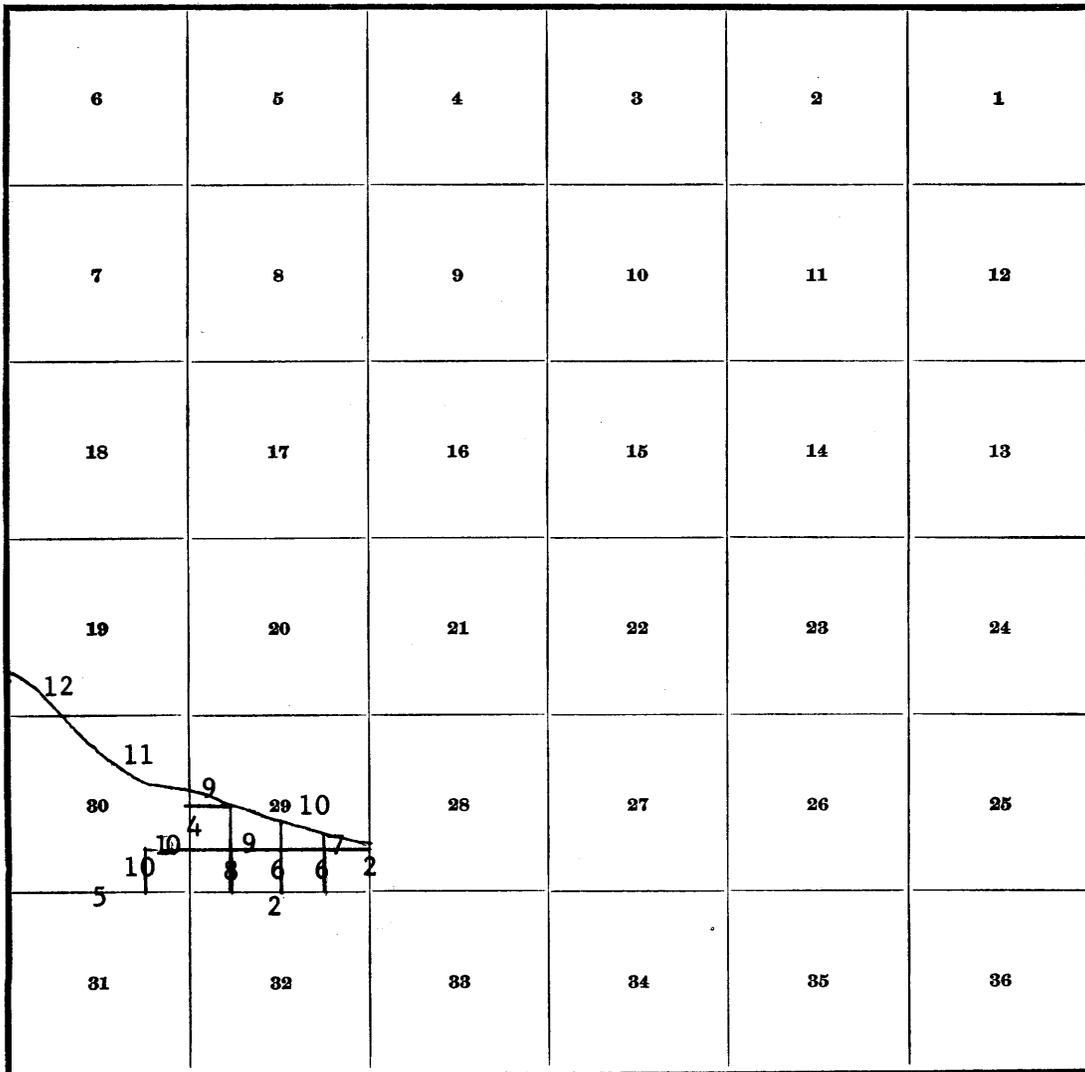
Survey completed May 13, 1960

1A

BOOK 4583

INDEX DIAGRAM

Township 16 South, Range 22 East



Township 16 South, Range 22 East

Chains

The survey of the exteriors of T. 16 S., R. 22 E. of the San Bernardino Meridian, Arizona was executed by H. Poole in 1855. The township was subdivided by J. LaCroze in 1856. A portion of the subdivisional lines was resurveyed by Dupree R. Averill in 1949.

The following field notes are those of a dependent resurvey of the boundaries of sections 29 and 30 south of the Colorado River, a survey of fractional section 19, the left bank of the Colorado River in sections 29 and 30, and of portions of the subdivision of section lines in sections 29 and 30.

The resurvey is a restoration of the lines of the original survey in their true original positions according to the identified evidence of that survey. Before remonumenting an identified original corner position or restoring a missing corner, the lines of the original survey were retraced and search made for evidence of the original corner monuments and other calls of the field notes, and for collateral evidence of a later date. After completing the necessary retracements and searches, the rules of proportionate measurement, or of record course and distance in those cases where there was no opposite corner, were applied in order to ascertain the position of each lost corner, and when duly identified or restored the corner positions were monumented with 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 corner of sections 28, 29, 32 and 33, determined from the data contained on the quadrangle sheet of the U. S. Geological Survey is as follows: latitude $32^{\circ} 43' 35''$ N. and longitude $114^{\circ} 40' 08''$ W. The mean magnetic declination was found to be 15° East.

The survey was executed with W. & L. E. Gurley solar transit No. 541332, the property of the Bureau of Land Management, and constructed in accordance with their standard specifications. 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 lines were carried forward as transit lines and were checked by succeeding observations. The measurements were made with Chicago steel ribbon tapes, eight chains in length. These tapes were graduated every link for the first chain and thereafter at intervals of ten links. They 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 by the transit, and the slope distances properly reduced to horizontal equivalents for use in these notes.

Dependent Resurvey of the Subdivision of T. 16 S., R. 22 E.

Reestablishment of the survey executed by J. LaCroze in 1856.

The cor. of secs. 28, 29, 32 and 33 is mkd. by an iron post, 1 in. diam., firmly set in the ground by the U. S. Bureau of Reclamation in 1951 as a remonumentation of the original cor. It is accepted as being the best available evidence of the original position. I remove this post and at the same point,

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

T16S R22E

S29 | S28

S32 | S33

1960

Deposit broken glass at the base of the iron post.

BOOK 4583

Dependent Resurvey of the Subdivision of T. 16 S., R. 22 E.

Chains

The cor. is located on the W. edge of an oiled road bearing N. and S. and in the eastern bank of a canal to the W. The top of the post is about .4 ft. below the surface of the bank of the canal.

Thence

North, record course bet. secs. 28 and 29, on dependent resurvey.

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

11.65 Road curving from the main road to the S. and running parallel to the levee.

13.27 Telephone line, bears S. 80° W. and N. 80° E.

13.58 Railroad track on S. edge of top of levee, on curve.

13.80 Yuma Valley Levee, on curve, bears S. 85° W. and N. 85° E.; road along top of levee.

20.00 Record dist. for the South 1/16 sec. cor. of secs. 28 and 29.

Set an iron post, 30 ins. long, 2½ ins. diam., 48 ins. in the ground, with brass cap mkd.

T16S R22E

S 1/16

S29|S28

1960

Deposit broken glass at the base of the iron post.

24.53 From this point Station 16+70.88 of the river survey by the U.S.B.R. mkd. by an iron post projecting about 10 ins. above ground, bears S. 36° 40' W., 0.305 chs. dist.

25.25 Intersect mean high water on the left bank of the Colorado River bearing E. and W.

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

MC

S29|S28

T16S R22E

1960

Deposit broken glass at the base of the iron post.

Land, level bottom land.

Soil, deep sandy clay loam.

Timber, salt cedar, palo fierro and locust along river bank.

Undergrowth, in cultivated area.

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

Thence

S. 89° 59' W. on dependent resurvey bet. secs. 29 and 32.

Over level land in cultivated area.

.30 Canal, 20 lks. wide, 5 ft. deep, drains N.

Dependent Resurvey of the Subdivision of T. 16 S., R. 22 E.

Chains	
19.95	<p>Proportionate dist.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground at the East 1/16 sec. cor. of secs. 29 and 32, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E E1/16 $\frac{S29}{S32}$ 1960</p>
39.90	<p>Deposit broken glass at the base of the post.</p> <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., 40 ins. in the ground at the restored ¼ sec. cor. of secs. 29 and 32, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E ¼ $\frac{S29}{S32}$ 1960</p>
59.85	<p>Deposit broken glass at the base of the iron post.</p> <p>Cont. on same line with continuous measurement.</p> <p>Proportionate dist.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the West 1/16 sec. cor. of secs. 29 and 32, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E W1/16 $\frac{S29}{S32}$ 1960</p>
74.75	<p>Deposit broken glass at the base of the iron post.</p>
75.65	<p>Canal, 20 lks. wide, 5 ft. deep, drains S. 60° W.</p>
76.40	<p>Farm road, bears S. 60° W. and N. 60° E.</p>
76.40	<p>Telephone line, bears N. 60° E. and S. 60° W.</p>
77.20	<p>Railroad on the S. edge of the top of the levee, bears S. 60° W. and N. 60° E. on curve.</p>
78.00	<p>Road on top of Yuma Valley Levee, bears N. 60° E. and S. 60° W. on curve.</p>
79.80	<p>The cor. of secs. 29, 30, 31 and 32 is mkd. by an iron post, 2 ins. diam., set by the U. S. Bureau of Reclamation in 1951 as a remonumentation of the original position. It is accepted as the best available evidence of the original cor. position; I remove this post and at the same point</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;">T16S R22E $\frac{S30}{S31} \frac{S29}{S32}$ 1959</p>
	<p>Deposit broken glass at the base of the iron post.</p>

BOOK 4583

Dependent Resurvey of the Subdivision of T. 16 S., R. 22 E.

Chains	
	<p>From the cor. a brass tablet seated in concrete in the center of the Yuma Valley Levee, mkd. POSL 188+33.30 bears S. 0° 38' E., 65.9 lks. dist. The sec. cor. is located in the center of a graded road bearing N. and S.</p> <p>Land, level bottom land. Soil, deep, sandy clay loam. Timber, none. Undergrowth, in cultivated area.</p>
	<p>North, on record course, on dependent resurvey bet. secs. 29 and 30.</p> <p>Over level land, along a N-S lane, bet. cultivated fields.</p>
19.93	Fall, 10 lks. W. of the cor. of fences bearing S. and E.
20.00	Record dist.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 40 ins. in the ground at the South 1/16 sec. cor. of secs. 29 and 30, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E S 1/16 S30 S29 1959</p>
	Deposit broken glass at the base of the iron post.
20.10	Farm road, bears E. and W.
23.15	Fence, bears E. and W.; enter cultivated field.
38.55	Fence, bears E. and W.; leave cultivated area and enter dense timber and undergrowth.
38.75	Small canal, drains W.
40.00	Record dist.; there being no remaining evidence of the original ¼ sec. cor.
	<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 30, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E ¼ S30 S29 1959</p>
	Deposit broken glass at the base of the iron post.
	Cont. on same line with continuous measurement.
40.80	Record dist.; there being no remaining evidence of the original meander cor. of secs. 29 and 30.
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground as an angle point, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E AP S30 S29 4080 1959</p>

Dependent Resurvey of the Subdivision of T. 16 S., R. 22 E.

<p>Chains</p> <p>42.29</p>	<p>Deposit broken glass at the base of the iron post.</p> <p>Intersect mean high water on the left bank of the Colorado River bearing E. and W.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the meander cor. of secs. 29 and 30, with brass cap mkd.</p> <p style="text-align: center;">MC S30 S29 T16S R22E</p> <p>Deposit broken glass at the base of the iron post.</p> <p>Land, level bottom land. Soil, deep sandy clay loam. Timber, salt cedar; palo fierro, locust and willows along river. Undergrowth, salt cedar, arrow weed, weeds and grass along river.</p>
<p>19.95</p>	<p>Beginning at the cor. of secs. 29, 30, 31 and 32.</p> <p>Thence</p> <p>N. 89° 51' W. on dependent resurvey bet. secs. 30 and 31.</p> <p>Over gently rolling land, through dense undergrowth.</p> <p>Proportionate dist.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground at the East 1/16 sec. cor. of secs. 30 and 31, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E E1/16 S30 S31 1960</p> <p>Deposit broken glass at the base of the iron post.</p>
<p>39.90</p>	<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., 43 ins. in the ground at the restored ¼ sec. cor. of secs. 30 and 31, with brass cap mkd.</p> <p style="text-align: center;">T16S R22E ¼ S30 S31 1959</p> <p>Deposit broken glass at the base of the iron post.</p> <p>The restored cor. is located in a N-S lane at the SE. cor. of cultivated land.</p> <p>Cont. on same line with continuous measurement.</p>
<p>59.85</p> <p>79.61</p>	<p>Leave cultivated land to the N.</p> <p>The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., mkd. by an iron post, 2½ ins. diam., firmly set, properly mkd. and witnessed as described in the record of the dependent resurvey of T. 16 S., R. 21 E., concurrently executed.</p> <p>Land, rolling desert. Soil, deep sandy clay loam. Timber, mesquite, palo fierro, palo verde and salt cedar. Undergrowth, salt cedar, arrow weed, weeds and grass.</p>

BOOK 4583

Dependent Resurvey of the Subdivision of T₁₆S R₂₂E.

Chains	Beginning at the corner of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp. East, on record bearing bet. secs. 19 and 30. Over level bottom land, through dense undergrowth and timber.
8.76	Left bank of the Colorado River; point for the meander cor. of secs. 19 and 30. Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground at the meander cor. of secs. 19 and 30, with brass cap mkd. <div style="text-align: center;"> T16S R22E S19 / M S30 / C 1959 </div> Deposit broken glass at base of post. Land, level bottom land. Soil, deep sandy clay loam. Timber, locust, palo fierro and salt cedar. Undergrowth, salt cedar, arrow weed, weeds and grass.
<u>Survey of the Subdivision of Section Lines of Section 29</u>	
	Beginning at the restored ¼ sec. cor. of secs. 29 and 32. Thence North, along the N-S center line of sec. 29. Over level land in cultivated area.
5.90	Farm road, bears N. 80° E. and S. 80° W.
6.10	Canal, 20 lks. wide, 5 ft. deep, drains S. 80° W.
7.07	Railroad along the S. side of the top of levee, bears N. 78° 57' E., and westerly on curve.
7.57	Center of Yuma Valley Levee, bears with railroad; road along top of levee.
20.00	At the Center South 1/16 sec. cor. of sec. 29. Set an iron post, 36 ins. long, 1 in. diam., (U.S.B.R.), 30 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T16S R22E C° S1/16 S29 C 1960 </div> Deposit broken glass at the base of the iron post.
31.95	Intersect mean high water on the left bank of the Colorado River bearing NW. and SE. Set an iron post, 3 ft. long, 1 in. diam., (U.S.B.R.) 30 ins. in the ground at the special meander cor. on the N-S center line of sec. 29, with brass cap mkd. <div style="text-align: center;"> AMC C S 29 C 1960 </div> Deposit broken glass at the base of the iron post. Land, level bottom land. Soil, deep, sandy clay loam. Timber, mesquite, palo fierro, willows along river. Undergrowth, arrow weed, salt cedar, weeds and grass along river.
	Beginning at the East 1/16 sec. cor. of secs. 29 and 32. Thence North, along the N-S center line of the SE¼ of sec. 29.

Survey of the Subdivision of Section Lines of Section 29

Chains

Over level land in cultivated area.

9.90 Farm road, bears S. 60° W. and N. 60° E.

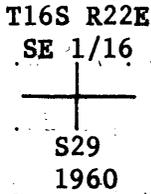
10.10 Canal, 20 lks. wide, 5 ft. deep, drains S. 60° W.

10.92 Railroad on S. edge of top of levee, bears N. 79° E. and S. 79° W. From this point a P.C. of the levee survey, mkd. by a brass tablet seated in concrete and mkd. PC 148+00.55 bears N. 39° 37' W., 28 lks dist.

11.10 Yuma Valley Levee, bears N. 79° E. and S. 79° W.; road on top of levee.

20.00 Intersect the E-W center line of the SE $\frac{1}{4}$ of sec. 29.

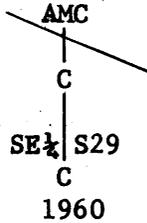
Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 45 ins. in the ground at the SE 1/16 sec. cor. of sec. 29, with brass cap mkd.



Deposit broken glass at the base of the iron post.

28.00 Intersect mean high water on the left bank of the Colorado River, bearing N. 70° W. and S. 70° E.

Set an iron post, 3 ft. long, 1 in. diam., (U.S.B.R.) 28 ins. in the ground at the special meander cor. on the N-S center line of the SE $\frac{1}{4}$ of sec. 29, with brass cap mkd.



Deposit broken glass at the base of the iron post.

Land, level bottom land.
Soil, deep sandy clay loam.
Timber, mesquite, palo fierro and willows along river.
Undergrowth, arrow weed, salt cedar, weeds and grass along river.

Beginning at the South 1/16 sec. cor. of secs. 28 and 29.

Thence

S. 89° 59' W., along the E-W center line of the SE $\frac{1}{4}$ of section 29.

Over level land in cultivated area.

.409 Hub in fence line bearing N. and S.

17.75 Farm road, bears N. and S.

19.95 The SE 1/16 sec. cor. of sec. 29.

BOOK 4683

Survey of the Subdivision of Section Lines of Section 29

Chains	
39.80	Fence, bears N. and S.
39.90	The Center South 1/16 sec. cor. of sec. 29.
	Land, level bottom land. Soil, deep, sandy clay loam. Timber, none. Undergrowth, in cultivated area.
	Beginning at the West 1/16 sec. cor. of secs. 29 and 32.
	Thence
	North, along the N-S Center line of the SW $\frac{1}{4}$ of sec. 29.
	Over level land, through cultivated area.
3.90	Farm road, bears S. 70° W. and N. 85° E.
4.15	Canal, 20 lks. wide, 5 ft. deep, drains S. 75° W.
5.05	Railroad on the S. side of top of levee, bears N. 85° 35' E. and SW on curve. From this point a brass tablet seated in concrete in the center of the levee and mkd. P.C. 174+87.63, bears N. 66° 15' W., 57 lks. dist.
5.25	Yuma Valley Levee, bears N. 85° 35' E. and SW on curve.
20.00	Intersect the E-W Center line of the SW $\frac{1}{4}$ of sec. 29.
	Set an iron post (U.S.B.R.), 3 ft. long, 1 in. diam., 28 ins. in the ground, at the SW 1/16 sec. cor. of sec. 29, with brass cap mkd.
	T16S R22E SW 1/16 ─── S29 1960
	Deposit broken glass at the base of the iron post.
39.56	Intersect mean high water on the left bank of the Colorado River bearing NW. and SE.
	Set an iron post (U.S.B.R.), 3 ft. long, 1 ins. diam., 28 ins. in the ground at the special meander cor. on the N-S Center line of the SW $\frac{1}{4}$ of sec. 29, with brass cap mkd.
	AMC / C SW $\frac{1}{4}$ S29 C T16S R22E 1960
	Deposit broken glass at the base of the iron post.
	Land, level bottom land. Soil, deep sandy clay loam. Timber, mesquite, palo fierro and willows along the river. Undergrowth, salt cedar, arrow weed, weeds and grass along the river.

Survey of the Subdivision of Section Lines of Section 29

Chains

Beginning at the South 1/16 sec. cor. of secs. 29 and 30.

Thence

N. 89° 59' E., along the E-W Center line of the SW $\frac{1}{4}$ of section 29.

Over level land, through cultivated area, along the N. side of an E-W fence line:

4.56 Fence, bears N. and S.

9.50 Fence, bears N. and S.

9.61 Irrigation ditch, drains S.

9.77 Fence, bears N. and S.

19.95 The SW 1/16 sec. cor. of sec. 29.

30.20 Fence, bears N. and S.

30.34 Irrigation ditch, drains S.

30.48 Fence, bears N. and S.

39.90 Intersect the Center South 1/16 sec. cor. of sec. 29.

Land, level farm land.

Soil, deep sandy clay loam.

Timber, none.

Undergrowth, in cultivated area.

Beginning at the restored $\frac{1}{4}$ sec. cor. of secs. 29 and 30.

Thence

N. 89° 59' E., along the E-W Center line of sec. 29.

Over level land, through dense timber and undergrowth.

18.44 Intersect mean high water on the left bank of the Colorado River bearing NW. and SE.

Set an iron post (U.S.B.R.), 3 ft. long, 1 in. diam., 30 ins. in the ground at the special meander cor. on the E-W Center line of sec. 29, with brass cap mkd.

T16S R22E
1960

Deposit broken glass at the base of the iron post.

Land, level bottom land.

Soil, deep sandy clay loam.

Timber, mesquite, palo fierro, palo verde, locust and willows.

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

BOOK 4680

Subdivision of Section 30

Chains	Beginning at the East 1/16 sec. cor. of secs. 30 and 31.
	Thence
	North, along the N-S Center line of the SE $\frac{1}{4}$ of sec. 30.
	Over level land, through scattered timber and undergrowth.
10.00	Canal, drains W. from N.; cont. in canal,
20.00	The SE 1/16 sec. cor. of sec. 30 falls on an earth fill on a bridge extending E. and W. over the canal, where the monument cannot be perpetuated.
	At the cor. point
	Set an iron rod, 18 ins. long, 1 in. diam., 18 ins. in the ground, from which as reference monument, bears N. 33° 31' E., 33 lks. dist., with an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, as reference monument, bears N. 33° 31' E., 33 lks. dist., with brass cap mkd.
	<p style="text-align: center;">T16S R22E SE1/16 S30 RM 33L 1959</p>
	An iron post 30 ins. long, 2½ ins. diam., 26 ins. in the ground, as reference monument, bears S. 89° 51' E., 24 lks. dist., with brass cap mkd.
	<p style="text-align: center;">T16S R22E SE1/16 S30 RM 24 L 1959</p>
	Land, level bottom land. Soil, deep sandy clay loam. Timber, palo fierro, palo verde, salt cedar. Undergrowth, arrow weed, salt cedar, weeds and grass.
19.95	S. 89° 51' E., along the E-W Center line of the SE $\frac{1}{4}$ of sec. 30.
	Over level land in cultivated area, along an E-W road.
	Intersect the South 1/16 sec. cor. of secs. 29 and 30.
	Land, level bottom land. Soil, deep sandy clay loam. Timber, none. Undergrowth, in cultivated area.
	Meanders of the Left Bank of the Colorado River
	Beginning at the meander cor. of secs. 28 and 29.
	Thence
	With meanders of the left bank of the Colorado River, downstream in sec. 29.

Meanders of the Left Bank of the Colorado River

Chains

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

N. 82° 38' W., 14.91 chs.

At the end of the course is a 12 ins. pump, used for raising irrigation water from the river.

N. 80° 51' W., 5.23 chs.

At the end of the course intersect the special meander cor. on the N-S center line of the SE $\frac{1}{4}$ of sec. 29.

N. 79° 40' W., 5.84 chs.

N. 78° 59' W., 9.47 chs.

N. 77° 31' W., 5.03 chs.

At the end of this course intersect the special meander cor. on the N-S Center line of sec. 29.

N. 69° 32' W., 5.11 chs.

N. 66° 20' W., 8.38 chs.

N. 64° 48' W., 3.14 chs.

N. 76° 30' W., 4.78 chs.

At the end of this course intersect the special meander cor. on the N-S Center line of the SW $\frac{1}{4}$ of sec. 29.

N. 73° 40' W., 1.565 chs.

At the end of this course intersect the special meander cor. on the E-W Center line of sec. 29.

N. 78° 22' W., 5.05 chs.

N. 83° 25' W., 10.82 chs.

N. 89° 28' W., 2.75 chs.

At the end of this course intersect the meander cor. of secs. 29 and 30.

Land, level bottom land.

Soil, deep sandy clay loam.

Timber, mesquite, palo fierro, palo verde and willows.

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

Thence with meanders of the left bank of the Colorado River, downstream in sec. 30.

Over level land, through dense timber and undergrowth, along a cut bank about 10 ft. high.

N. 87° 01' W., 5.19 chs.

S. 82° 32' W., 2.59 chs.

N. 84° 05' W., 4.35 chs.

N. 80° 49' W., 3.75 chs.

N. 86° 30' W., 6.97 chs.

N. 77° 30' W., 5.07 chs.

N. 53° 15' W., 8.96 chs.

N. 39° 45' W., 6.60 chs.

BOOK 4583

Meanders of the Left Bank of the Colorado River

Chains

N. 52° 38' W., 10.13 chs.

N. 59° 30' W., 6.80 chs.

N. 48° 45' W., 2.45 chs.

N. 49° 15' W., 4.43 chs.

N. 46° 02' W., 2.60 chs.

N. 49° 17' W., 4.01 chs.

N. 48° 40' W., 4.40 chs.

N. 49° 23' W., 4.44 chs.

N. 47° 54' W., 1.26 chs.

At the end of this course intersect
the meander cor. of secs. 19 and 30.

Land, level bottom land.

Soil, deep sandy clay loam.

Timber, mesquite, palo fierro, palo verde and willows.

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

Thence with meanders of the left bank of the Colorado River, down-
stream in sec. 19.

Over level land, through dense timber and undergrowth, along a cut
bank about 10 ft. high.

N. 45° 48' W., 2.12 chs.

N. 51° 07' W., 2.87 chs.

N. 56° 42' W., 2.44 chs.

N. 56° 17' W., 3.57 chs.

At the end of this course intersect
the meander cor. of secs. 19 and 24
on the W. bdy. of the Tp., mkd. by
an iron post, 2½ ins. diam., firmly
set, properly mkd. and witnessed as
described in the record of the de-
pendent resurvey of T. 16 S., R.
21 E., concurrently resurveyed.

Land, level bottom land.

Soil, deep sandy clay loam.

Timber, mesquite, palo fierro, palo verde and willows.

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

GENERAL DESCRIPTION

The land covered by the present survey lies in the bottom lands on
the south side of the Colorado River. The land is flat and is mostly
cultivated. The soil is a deep sandy clay loam, of excellent char-
acter. The timber and undergrowth are confined to the areas immed-
iately adjacent to the river. The timber consists of mesquite, palo
fierro, palo verde, salt cedar, locust and willows of no commercial
value. The undergrowth is largely salt cedar, arrow weed, weeds and
grass. There are several habitations in the area.

CERTIFICATE OF CADASTRAL ENGINEER

I, Robert C. Yundt, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 17 th day of November, 1959, I have ~~surveyed~~ independently resurveyed a portion of the subdivision and surveyed a portion of the subdivision of section lines in sections 29 and 30 and the meanders of the left bank of the Colorado River in Sections 19, 29 and 30, T. 16 S., R. 22 E. of the San Bernardino 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.

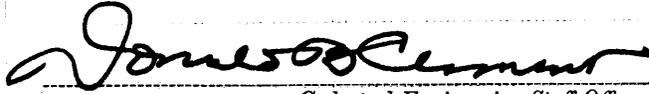
June 22, 1960
Salt Lake City, Utah


Robert C. Yundt
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., DEC 9 1961, 1961

The foregoing field notes of the ~~surveyed~~ independent resurvey of a portion of the subdivision and survey of a portion of the subdivision of section lines in sections 29 and 30 and meanders of the left bank of the Colorado River in sections 19, 29 and 30, T. 16 S., R. 22 E., San Bernardino Meridian, Arizona, executed by _____ having been critically examined and found correct, are hereby approved.


James O. Bennett
Cadastral Engineering Staff Officer

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 16 S., R. 22 E., San Bernardino, is a true copy of the original field notes. Meridian, Arizona

Cadastral Engineering Staff Officer