

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

INDEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

THE SURVEY OF THE NORTH BOUNDARY OF SECTION 30,

THE SUBDIVISION OF SECTION 30,

AND

AN INFORMATIVE TRAVERSE OF THE LEFT SHORE OF THE IMPERIAL DAM RESERVOIR

AND THE LEFT BANK OF THE DESILTING BASIN

AND THE LEFT BANK OF THE GILA GRAVITY MAIN CANAL,

PARTIALLY SURVEYED TOWNSHIP 6 SOUTH, RANGE 21 WEST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Blas J. Urena and Rosendo Ramos Serrano, Cadastral Surveyors

Under Special Instructions dated December 22, 2020, approved December 22, 2020, and under Amended Special Instructions dated January 8, 2021, approved January 8, 2021, which provided for the surveys included under Group No. 1212, and assignment instructions dated December 22, 2020.

Survey commenced January 6, 2021

Survey completed December 6, 2021

INDEX DIAGRAM

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 GILA & SALT RIVER MERIDIAN, ARIZONA

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T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the independent resurvey of a portion of the west boundary, dependent resurvey of a portion of the subdivisional lines, the survey of the north boundary of section 30, the subdivision of section 30, and an informative traverse of the left shore of the Imperial Dam Reservoir and of the left bank of the desilting basin and the left bank of the Gila Gravity Main Canal, partially surveyed Township 6 South, Range 21 West, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

Theodore F. White, United States Deputy Surveyor, surveyed the line between Townships 6 and 7 South, Ranges 21 and 22 West, and exterior lines of Township 8 South, Ranges 22, 23, and 24 west, Township 9 South, Ranges 22, 23, 24, and 25 West, and Township 10 South, Ranges 22, 23, 24, and 25 West, including a portion of the Second Standard Parallel South, Gila and Salt River Meridian, Arizona, in 1874 (Book 1561).

Francis E. Joy, United States Cadastral Engineer, dependently resurveyed the south boundary and independently resurveyed part (south half) of the west boundary, and surveyed part (east 5 miles) of the north boundary, and part of the subdivision lines of Township 7 South, Range 21 West, Gila and Salt River Meridian, Arizona, in 1930 (Book 3909).

Dupree R. Averill and G. Marvin Litz, Cadastral Engineers, surveyed part of the subdivision of Township 6 South, Range 21 West, Gila and Salt River Meridian, Arizona, in 1947 (Book 4365).

Robert S. Kaiser and Robert C. Yundt, Cadastral Surveyors, and Paul G. Bauer, Surveying Technician, dependently resurveyed the east and north boundaries, and independently resurveyed the west boundary, and surveyed the south boundary of section 31, and surveyed of the meanders of the left bank of the Colorado River in section 31, Township 6 South, Range 21 West, Gila and Salt River Meridian, Arizona, in 1961 (Book 4586).

This survey was executed at the request of Arturo Lopez, Assistant Field manager, Yuma Field Office, Bureau of Land Management, Colorado River District.

The steel "T" posts referred to in these notes are 60 inches long.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated December 22, 2020, and the Amended Special Instructions dated January 8, 2021, for Group Number 1212, Arizona.

The true meridian direction and length of all lines were determined by static or real time kinematic Global Navigation Satellite System observations using Trimble Navigation R10 model receivers.

T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

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Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from Global Navigation Satellite System (GNSS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DN7404 P500 ALLAMERICNCS2005 CORS ARP, DN7584 GMPK_SCGN_CS2000 CORS ARP, DI2239 P003 MOHAWKVALLAZ2006 CORS ARP.

The NAD 83 (2011) (EPOCH: 2010.0000), geographic position of the corner of sections 25, 30, 31, and 36, on the West Boundary of the Township, is as follows:

Latitude: 32°52'25.746" N. Longitude: 114°27'43.222" W.

The NAD 83 (2011) (EPOCH: 2010.0000), geographic position of the corner of sections 19, 20, 29, and 30, is as follows:

Latitude: 32°53'17.996" N. Longitude: 114°26'39.194" W.

The mean magnetic declination is 10 1/2° E.

**Independent Resurvey of a portion of the West Boundary,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona**

Superseding the Survey Executed by Theodore F. White in 1874.

The West bdy. of T. 6 S., R. 21 W., was surveyed due South, from a closing corner on the First Standard Parallel South, establishing common reference corners thereon at 40 chs. intervals. No retracement or resurvey of any part of this Tp. bdy. is of record. As the original sec. and 1/4 sec. cors. no longer control this Tp. bdy.

Beginning at the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, in concrete, with brass cap mkd. "T6S S25 S30 S36 S31 R22W R21W 1961". Add the marks 2021 to the brass cap.

The cor. is located alongside a down barbed wire fence, 4 strand, extending East and West.

North, bet. secs. 25 and 30, on the W. bdy. of the Tp.

Independent Resurvey of a portion of the West Boundary,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Over nearly level terrain to the Imperial Dam and thence within the Imperial Reservoir.
2.57	Graded dirt road, 24 ft. wide, extending N. 75° E. and S. 75° W.
7.28	Laguna Dam Road, asphalt surfaced, 24 ft. wide, extending southeasterly and northwesterly, along a curve to the right, concave SW.
8.24	Left bank of the desilting basin, extending N. 35° E. and S. 45° W., course S. 45° W.
11.64	Right bank of the same desilting basin, extending N. 35° E. and S. 55° W.
34.20	Asphalt road, 27 ft. wide, extending N. 50° E. and S. 50° W.
40.00	The true point for the 1/4 sec. cor. of secs. 25 and 30; falls in a marsh, where it is impractical to establish a permanent monument. Not monumented.
	From this true point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 25 and 30, bears S. 79°30' E., 2.50 chs. dist.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;"> <p>WC T 6 S R 22 W R 21 W 1/4 S 25 S 30 2021</p> </div>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel "T" post alongside and W. of cor.
	The witness cor. is located East, 1 ch. dist., of the easterly edge of pavement of a road, 27 ft. wide, extending N. 8° E. and S. 8° W., and West, 48 lks. dist., of the westerly edge of a graded dirt road, 20 ft. wide, extending N. 5° E. and S. 5° W.
49.47	Southerly edge of the Imperial Dam, extending easterly and westerly.
80.00	Point for the cor. of secs. 19, 24, 25, and 30; falls within the Imperial Reservoir, where it is impracticable to establish a permanent monument. Not monumented.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Dupree R. Averill and G. Marvin Litz, in 1947, and the survey and resurvey executed by Robert S. Kaiser, Robert C. Yundt, and Paul G. Bauer, in 1961</p> <hr style="width: 20%; margin: auto;"/> <p>From the true point for the cor. of secs. 29, 30, 31, and 32, determined N. 0°11' W., 96 lks. dist., from the 1946 witness cor., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with a brass cap mkd. "WC T6S R21W S30 S29 S31 S32 1946". Add the marks 2021 to the brass cap.</p> <p>From this true point, a rebar of unknow origin, 5/8 in. diam., firmly set, projecting 3 ins. above ground, with a punched yellow plastic cap, 1 1/2 ins. diam. with no mark visible, bears S. 6°50' E., 1.96 chs. dist.</p> <p>N. 89°57' W., bet. secs. 30 and 31.</p> <p>Over rolling terrain.</p>
38.81	<p>The point selected for the witness cor. to the 1/4 sec. cor. of secs. 30 and 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, in a collar of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>WC T 6 S R 21 W</p> <p>S 30 1/4 ← S 31</p> <p>2021</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel "T" post alongside and N. of cor.</p> <p>The witness cor. is located on top and near the SW edge of a shelf, approximately 70 x 70 ft., 15 ft. high.</p>
39.65	<p>Left bank of the Gila Gravity Main Canal, extending S. 40° E. and N. 40° W.</p>


Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
40.01	<p>The true point for the 1/4 sec. cor. of secs. 30 and 31, at proportionate dist., applying broken boundary method. There is no remaining evidence of the 1946 witness cor., the corner falls in the Gila Gravity Main Canal, approximately 100 ft. wide, course S. 40° E. Where it is impracticable to establish a permanent monument. Not monumented.</p> <hr/>
	<p>N. 89°59' W., beginning new measurement.</p>
1.66	<p>Right bank of the Gila Gravity Main Canal, extending S. 40° E. and N. 40° W.</p>
1.97	<p>Imperial Dam Road, a graded dirt road, 24 ft. wide, extending S. 40° E. and N. 40° W.</p>
31.82	<p>Laguna Dam Road, asphalt surfaced, 24 ft. wide, extending S. 55° E. and N. 55° W.</p>
41.82	<p>The 1946 witness cor., to secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., monumented with a corroded iron post, 2 ins. diam., firmly set, and leaning SE, flush with the surface of the ground, with brass cap mkd. "WC T6S R22W R21W S25 S30 S36 S31 1946". Add the marks 2021 to the brass cap. The witness cor. is located alongside a down barbed wire fence, extending East and West.</p>
42.75	<p>The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., hereinbefore described.</p> <hr/>
	<p>From the cor. of secs. 29, 30, 31, and 32.</p> <p>North, bet. secs. 29 and 30.</p> <p>Over broken hills.</p>
40.03	<p>The 1/4 sec. cor. of secs. 29 and 30, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. "1/4 S30 S29 1946". Witnessed by a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Add the marks T6S R 21W 2021 to the brass cap.</p> <hr/>
	<p>N. 0°01' W., beginning new measurement.</p>
20.015	<p>Point for the N. 16 sec. cor. of secs. 29 and 30. Not Monumented.</p>
40.03	<p>The cor. of secs. 19, 20, 29, and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. "T6S R21W S19 S20 S30 S29 1946". Witnessed by a scattered mound of stone, W. of cor. Add the marks 2021 to the brass cap.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Reset the mound of stone to 3 ft. base, 1 1/2 ft. high, W. of cor.</p>
	<hr/> <p style="text-align: center;">Survey of a Portion of the Subdivisional lines, T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the cor. of secs. 19, 20, 29, and 30, hereinbefore described. N. 89°59' W., bet. secs. 19 and 30. Over broken hills.</p>
20.00	<p>Point for the E. 1/16 sec. cor. of secs. 19 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 6 S R 21 W S 19 E 1/16 ——— S 30 2021</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel "T" post alongside and E. of cor. (uphill side). The cor. is located 2/3 of the way up of an approximately 40 ft. hill, on SW face, extending S. 30° E. and N. 75° W.</p>
40.00	<p>The true point for the 1/4 sec. cor. of secs. 19 and 30; falls in the center of a wash, approximately 120 ft. wide, 3 ft. deep, drains N. 65° W., where it is impracticable to establish a permanent monument. Not monumented. From this true point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 19 and 30, bears S. 60°20' W., 1.135 chs. dist. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, 1 1/2 ft. base, to top, with brass cap mkd.</p>

Survey of a Portion of the Subdivisional Lines,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	WC T 6 S R 21 W S 19  1/4 ——— S 30 2021
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel "T" post alongside and N. of cor. The witness cor. is located on top of a levee, 15 ft. wide, 6 ft. high, extending S. 8° E. and N. 48° W., and on the SW edge.
44.42	The left shore of the Imperial Dam Reservoir, extending N. 38° E. and S. 42° W., identical with the beginning point of the informative traverse, hereinafter described.
82.73	The cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., hereinbefore described.
<hr/> Subdivision of Section 30, T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona <hr/>	
	From the 1/4 sec. cor. of secs. 30 and 31. North, on the N. and S. center line of sec. 30. Over rolling terrain.
0.52	Left bank of the Gila Gravity Main Canal, identical with the end point for the informative traverse, hereinafter described. The bank bears N. 40°14' W. and S. 40°14' E.
8.50	Intersection with the northerly right of way of the Gila Gravity Main Canal, bears N. 40°05' W. and S. 40°05' E. Note: The Gila Gravity Main Canal is identified in the Bureau of Reclamation Drawing No. 50-303-5019, and has been surveyed concurrently under group No. 1218.
40.00	Point for the center 1/4 sec. cor. of sec. 30, at intersection with the E. and W. center line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in a supporting mound of stone, 3 1/2 ft. base, to top, with a punched brass cap mkd.

Subdivision of Section 30,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>T 6 S R 21 W</p> <p>C 1/4 S 30</p> <p>2021</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel "T" post alongside, and W. of cor., and in the supporting mound of stone.</p> <p>The cor. is located South, 26 lks. dist., of a drainage, 4 ft. wide, 2 ft. deep, drains S. 30° E.</p> <p>From this cor. point, an open ended iron pipe of unknown origin, 7/8 in. diam., firmly set, projecting 9 ins. above ground, in a collar of stone, 2 ft. base, 1/2 ft. high, bears N. 81°39' E., 5 lks. dist., and is not utilized in the course of the resurveyed.</p>
45.29	Enter graded area, extending N. 84° E. and westerly, the SE cor. of said area, bears N. 84°07' E., 99 lks. dist.
46.29	Leave the graded area, extending S. 63° E. and westerly, the NE cor. of said area, bears S. 63°10' E., 1.22 chs. dist.
50.46	Enter another graded area, extending S. 74° E. and westerly, the SE cor. of said area, bears N. 74°15' E., 98 lks. dist.
51.45	Leave the graded area, extending N. 69° E. and westerly, the NE cor. of said area, bears N. 69°19' E., 1.01 chs. dist.
55.87	Enter another graded area, extending N. 71° E. and westerly, the SE cor. of said area, bears N. 71°20' E., 20 lks. dist.
59.27	Leave the graded area, extending S. 79° E. and westerly, the NE cor. of said area, bears S. 78°45' E., 82 lks. dist.
60.01	<p>Point for the center N. 1/16 sec. cor. of sec. 30.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p>T 6 S R 21 W</p> <p style="margin-left: 100px;">C</p> <p style="margin-left: 50px;">N 1/16 S 30</p> <p style="margin-left: 100px;">C</p> <p>2021</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel "T" post alongside and W. of cor.</p>

Subdivision of Section 30,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, a rebar, 5/8 in. diam., firmly set, and bent 60° over towards N. 30° E., projecting 8 ins. above ground, with a yellow plastic cap, chewed up by mice, with remaining marks "LS 16", established by persons unknown, shot base of rebar, bears N. 2°50' E., 35 lks. dist., and is not utilized in the course of the resurvey.</p>
80.02	<p>The 1/4 sec. cor. of secs. 19 and 30.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 29 and 30.</p> <p>N. 89°59' W., on the E. and W. center line of sec. 30.</p> <p>Over rolling terrain.</p>
20.005	Point for the center E. 1/16 sec. cor. of sec. 30. Not monumented.
40.01	The center 1/4 sec. cor. of sec. 30.
74.94	Left bank of the desilting basin, extending N. 5° E. and S. 5° W., course S. 5° W
78.39	Right bank of the desilting basin , extending N. 5° E. and S. 5° W.
82.75	The 1/4 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp.
	<hr/> <p>NE 1/4</p> <hr/>
	<p>From the center E. 1/16 sec. cor. of sec. 30.</p> <p>N. 0°01' W., on the N. and S. center line of the NE 1/4 of sec. 30.</p> <p>Over rolling terrain.</p>
20.01	<p>Point for the NE 1/16 sec. cor. of sec. 30, at intersection with the E. and W. center line of the NE 1/4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with a punched brass cap mkd.</p> <p style="text-align: center;">T 6 S R 21 W</p> <p style="text-align: center;">NE 1/16 S 30</p> <p style="text-align: center;">2021</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel "T" post alongside and W. of cor.</p>

Subdivision of Section 30,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
40.02	The E. 1/16 sec. cor. of secs. 19 and 30. <hr/>
	From the N. 1/16 sec. cor. of secs. 29 and 30. West, on the E. and W. center line of the NE 1/4 of sec. 30.
20.005	The NE 1/16 sec. cor. of sec. 30.
31.40	Enter graded area, bears N. 22° E. and S. 22° W., the SE cor. of said area, bears S. 21°38' W., 3.60 chs. dist.
32.54	The easterly eve of a back porch of a building, extending N. 7° E. and S. 7° W., the SE cor. of the eve, bears S. 7°06' W., 8.1 lks. dist.
33.22	The southerly eve of the same back porch of the building, extending S. 83° E. and N. 83° W., the same SE cor. of the eve, bears S. 83°06' E., 67.2 lks. dist.
33.93	An iron fence, 5 ft. high, extending N. 41° E. and S. 41° W., the SE cor. of the fence, bears S. 41°00' W., 6.8 lks. dist.
34.04	The same iron fence, 5 ft. high, extending S. 52° E. and N. 52° W., the same SE cor. of the fence, bears S. 51°32' E., 8.2 lks. dist.
34.84	Leave the graded area, extending northerly and S. 28° W., the SW cor. of the graded area, bears S. 27°54' W., 56 lks. dist.
40.01	The center N. 1/16 sec. cor. of sec. 30. <hr/>
	Informative Traverse in Section 30, T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona <hr/>
	Note: The following is an informative traverse, through sec. 30, along the left shore of the Imperial Dam Reservoir and the left bank of the desilting basin and the left bank of the Gila Gravity Main Canal. <hr/>
	From the point on the line bet. secs. 19 and 30, at intersection with the left shore of the Imperial Dam Reservoir. Not monumented.
	S. 42°28' W., 0.34 chs.
	S. 56°14' W., 1.45 chs.
	S. 64°17' W., 1.80 chs.
	S. 77°57' W., 1.52 chs.
	S. 43°25' W., 2.30 chs.

Informative Traverse in Section 30,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 20°36' W., 1.36 chs.
	S. 41°57' W., 2.54 chs.
	S. 19°05' W., 2.73 chs.
	S. 51°34' W., 1.72 chs.
	N. 40°10' W., 1.45 chs.
	S. 68°07' W., 0.58 chs.
	S. 19°21' W., 1.08 chs.
	S. 72°39' W., 0.40 chs.
	N. 40°46' W., 0.99 chs.
	S. 53°19' W., 0.25 chs.
	S. 18°43' W., 1.30 chs.
	S. 37°28' E., 0.62 chs.
	S. 78°11' E., 0.51 chs.
	S. 12°06' E., 0.39 chs.
	S. 87°22' W., 1.66 chs.
	N. 26°04' W., 1.48 chs.
	N. 9°10' E., 1.65 chs.
	N. 45°32' W., 0.85 chs.
	S. 75°37' W., 2.40 chs.
	N. 42°11' W., 1.68 chs.
	S. 77°31' W., 1.26 chs.
	S. 86°02' W., 2.91 chs.
	S. 63°21' W., 2.23 chs.
	S. 18°47' E., 1.52 chs.
	S. 85°11' E., 2.43 chs.
	S. 34°07' W., 1.88 chs.
	N. 79°39' W., 2.56 chs.

Informative Traverse in Section 30,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 59°05' W., 1.62 chs.
	S. 40°48' W., 2.47 chs.
	S. 5°50' E., 5.12 chs.
	S. 54°01' W., 1.97 chs.
	S. 10°09' W., 2.56 chs.
	S. 22°24' E., 1.52 chs.
	S. 15°32' E., 1.07 chs.
	S. 5°57' E., 0.79 chs.
	S. 6°50' E., 1.41 chs.
	S. 0°31' W., 1.19 chs.
	S. 25°17' W., 0.89 chs.
	S. 8°59' W., 1.06 chs.
	N. 84°40' W., 0.43 chs.
	S. 10°38' E., 2.26 chs. Intersect the left bank of the desilting basin.
	S. 5°31' W., 11.14 chs. Intersect the E. and W. center line of sec. 30 at 6.16 chs.
	S. 5°33' W., 2.15 chs.
	S. 14°13' W., 2.93 chs.
	S. 83°34' E., 1.29 chs. Intersect the left bank of the Gila Gravity Main Canal.
	N. 81°36' E., 1.81 chs.
	S. 85°39' E., 1.92 chs.
	S. 73°36' E., 4.45 chs.
	S. 61°03' E., 2.52 chs.
	S. 51°42' E., 2.30 chs.
	S. 43°27' E., 5.55 chs.
	S. 42°24' E., 9.64 chs.
	S. 42°29' E., 9.54 chs.

Informative Traverse in Section 30,
T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS

S. 40°14' E., 9.76 chs. Point, located on the N. and S. center line of sec. 30. Not monumented.

GENERAL DESCRIPTION

The area surveyed and resurveyed is located approximately 15 1/2 miles N. 35° E., of the intersection of Interstate Highway No. 8 and United State Highway No. 95, Yuma, AZ, and approximately 6 miles N. 47° W., of the intersection of United State Highway No. 95 and Imperial Dam Road (Laguna Dam Road).

The terrain is predominately rolling, with the exception of the bottom land along the left side of Imperial Reservoir and some of the land South of the Imperial Dam where the terrain is nearly level. The elevation ranges from about 160 to 400 feet above sea level. Imperial Dam and Imperial Reservoir are partly situated in sec. 30. Hidden Shores Village consist of RVs and vacation homes is also situated in sec. 30.

The mean magnetic declination of 10 1/2° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2020 for the dates of survey.

CERTIFICATE OF SURVEY

We, Blas J. Urena and Rosendo Ramos Serrano, Cadastral Surveyors, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 22th day of December, 2020, and of amended special instructions bearing date of the 8th day of January, 2021, We have independently resurveyed a portion of the west boundary, dependently resurveyed a portion of the subdivisional lines, surveyed the north boundary of section 30, subdivided section 30, and an informative traverse of the left shore of the Imperial Dam Reservoir and of the left bank of the desilting basin and the left bank of the Gila Gravity Main Canal, partially surveyed T. 6 S., R. 21 W., Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction. Said survey has been made in strict conformity with said special and amended special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

3/28/2022

(Date)

Blas J. Urena

(Cadastral Surveyor)

3/29/2022

(Date)



(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the independent resurvey a portion of the west boundary, the dependent resurvey of a portion of the subdivisional lines, the survey of the north boundary of section 30, the subdivision of section 30, and an informative traverse of the left shore of the Imperial Dam Reservoir and of the left bank of the desilting basin and the left bank of the Gila Gravity Main Canal, partially surveyed T. 6 S., R. 21 W., Gila and Salt River Meridian, in the State of Arizona, executed by Blas J. Urena and Rosendo Ramos Serrano, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

4/5/2022

(Date)



(Chief Cadastral Surveyor of Arizona)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in partially surveyed T. 6 S., R. 21 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor of Arizona)