

ORIGINAL

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
PORTIONS OF THE SOUTH AND WEST BOUNDARIES,
AND
A PORTION OF THE SUBDIVISIONAL LINES,
THE SURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES,
AND
METES-AND-BOUNDS SURVEYS IN CERTAIN SECTIONS,
PARTIALLY SURVEYED TOWNSHIP 3 NORTH, RANGE 8 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Marshall S. Wixom, Cadastral Surveyor

Under Special Instructions dated September 01, 2017, approved September 01, 2017, which provided for the surveys included under Group No. 1160, and assignment instructions dated September 01, 2017.

Survey commenced September 11, 2017

Survey completed November 28, 2017

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TOWNSHIP 3 NORTH RANGE 8 WEST
 GILA & SALT RIVER MERIDIAN, ARIZONA

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Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the south and west boundaries, and a portion of the subdivisional lines, the survey of a portion of the subdivisional lines, and metes-and-bounds surveys in certain sections, Partially Surveyed Township 3 North, Range 8 West, Gila and Salt River Meridian, Arizona.

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

The South Boundary, Township 3 North, Range 8 West, Gila and Salt River Meridian, was surveyed by Jessie B. Wright, U.S. Surveyor, in 1914. (Book 2791)

The West Boundary, Township 3 North, Range 8 West, Gila and Salt River Meridian, was surveyed by G. F. Sawyer, U.S. Surveyor, in 1925. (Book 3742)

Section 32, Township 3 North, Range 8 West, Gila and Salt River Meridian, was surveyed by Paul K. Russell, Cartographic Survey Aid, in 1955. (Book 4477)

A private survey plat by John M. Labrum (R.L.S. 6536) pertains to this area and is recorded at the Maricopa County Recorder's office in Book 266, Page 49, dated 05/09/1984.

The Bureau of Reclamation surveyed in sections 30, 31, and 32, in 1988. This information can be found on the MCDOT Plat Index website under the plat names BOR HR5 T3N R8W S30 1988, BOR HR5 T3N R8W S31 1988, and BOR HR5 T3N R8W S32 1988.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, (2009), and the Special Instructions dated September 01, 2017, for Group Number 1160, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global navigation satellite system observations using Trimble Navigation R8 model receivers.

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) DN2121 AZPA PEORIA FIREST 195 CORS ARP, DL3063 AZTP TEMPE CORS ARP, and DI2239 P003 MOHAWKVALLAZ2006 CORS ARP.

Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS

The NAD 83 (2011) (EPOCH: 2010.0000), geographic position of the section corner of sections 4, 5, 32, and 33, Townships 2 and 3 North, Range 8 West, is as follows:

Latitude: 33°33'06.164" N. Longitude: 113°05'33.874" W.

The NAD 83 (2011) (EPOCH: 2010.0000), geographic position of the 1/4 section corner of sections 25 and 30, Township 3 North, Ranges 8 and 9 West, is as follows:

Latitude: 33°34'24.492" N. Longitude: 113°07'38.043" W.

The mean magnetic declination is 10 3/4° E.

**Dependent Resurvey of a Portion of the South Boundary,
Partially Surveyed T. 3 N., R. 8 W.,
Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
Jessie B. Wright, in 1914

Beginning at the 1/4 sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd., T3N R8W S32 1/4 S5 T2N 1988 1914.

from which the original bearing trees

An Ironwood, 11 ins. diam., bears S. 82° W., 220 lks. dist., with a partially healed blaze.

An Ironwood, 5 ins. diam., bears N. 78 1/4° W., 176 lks. dist., with a partially healed blaze. (Record: 175 lks. dist.)

Two steel fence posts with signs marked "Survey Mon. Do Not Disturb", located E. and W. of the cor.

Add the marks 2017 to the brass cap.

Raise supporting mound of stone 2 1/2 ft. base, to top of brass cap.

N. 89°58' E., bet. secs. 5 and 32, on the S. bdy. of the Tp.

Over gently rolling land.

6.13

Point for a witness point on the line bet. secs. 5 and 32 on the southerly right-of-way line of the Central Arizona Project Canal.

Dependent Resurvey of a Portion of the South Boundary,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

WP
T3N R8W
S 32
— / —
S 5
T2N
2017

Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Set a steel fence post W. of the cor.

6.20 Southwesterly C.A.P. security fence, chain link, bears S. 20° E. and N. 20° W.

Cross the Central Arizona Project Canal.

9.60 Northeasterly C.A.P. security fence, chain link, bears S. 20° E. and N. 20° W.

9.90 Dirt road, 22 ft. wide, bears S. 15° E. and N. 15° W.

10.15 Toe of Berm, bears S. 20° E. and N. 20° W.

11.25 Top of Berm, bears S. 20° E. and N. 20° W.

Cross dirt road along the top of the berm.

11.50 Top of Berm, bears S. 20° E. and N. 20° W.

12.80 Toe of Berm, bears S. 20° E. and N. 20° W.

14.85 Dirt road, 16 ft. wide, bears S. 20° E. and N. 20° W.

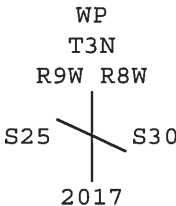
40.18 The cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 28 ins. above ground, with brass cap mkd., T3N S32 S33 R8W S5 S4 T2N 1914, in a supporting mound of stone 4 ft. base, 2 ft. high.

Add the marks 2017 to the brass cap.

Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 3 N., R. 8 W.,
Gila and Salt River Meridian, Arizona

Restoring the survey executed by
G. F. Sawyer, in 1925

Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd., T3N R9W R8W S25 S30 S36 S31 1925, with a mound of stone 2 ft. base, 1 ft. high to the west.</p>
	<p>A barb wire fence bears N. 25° E. and S. 25° W., located E. of the cor.</p>
	<p>Add the marks 2017 to the brass cap.</p>
	<p>North, bet. secs. 25 and 30, on the W. bdy. of the Tp.</p>
	<p>Over gently rolling land.</p>
24.05	<p>Dirt road, 15 ft. wide, bears S. 60° E. and N. 60° W.</p>
24.90	<p>High voltage transmission line, 6 strands, bears S. 70° E. and N. 70° W.</p>
33.12	<p>Point for a witness point on the line bet. secs. 25 and 30 on the southerly right-of-way line of the Central Arizona Project Canal.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
	 <p>The diagram shows a vertical line representing the West boundary. A horizontal line crosses it, representing the boundary between sections 25 and 30. The intersection is labeled '2017'. Above the intersection, the text 'WP T3N R9W R8W' is written. To the left of the intersection is 'S25' and to the right is 'S30'.</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
	<p>Set a steel fence post S. of the cor.</p>
33.70	<p>Southerly C.A.P. security fence, chain link, bears East and West.</p>
	<p>Cross the Central Arizona Project Canal.</p>
36.55	<p>Northerly C.A.P. security fence, chain link, bears East and West.</p>
36.80	<p>Dirt road, 20 ft. wide, bears S. 85° E. and N. 85° W.</p>
37.10	<p>Toe of Berm, bears East and West.</p>
37.95	<p>Top of Berm, bears East and West.</p>
	<p>Cross dirt road along the top of the berm.</p>
38.15	<p>Top of Berm, bears East and West.</p>

Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

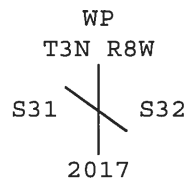
CHAINS

- 39.15 Toe of Berm, bears East and West.
- 39.40 Dirt road, 20 ft. wide, bears East and West.
- 39.97 The 1/4 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd., 1/4 S25 S30 1925, with a scattered mound of stone to the west.
- Add the marks T3N R8W 2017 to the brass cap.
- Rebuild the mound of stone, 3 ft. base, 1 1/2 ft. high, W. of cor.

Dependent Resurvey of a Portion of the Subdivisional Lines,
Partially Surveyed T. 3 N., R. 8 W.,
Gila and Salt River Meridian, Arizona

Restoring the survey executed by
Paul K. Russell, in 1955

- From the 1/4 sec. cor. of secs. 31 and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd., 1/4 S31 S32 1955, with mound of stone, 3 ft. base, 1 ft. high to the west.
- Add the marks T3N R8W 2017 to the brass cap.
- Incorporate existing mound of stone into a supporting mound of stone, 4 ft. base, to top of the brass cap.
- N. 0°06' W., bet. secs. 31 and 32.
- Over gently rolling land.
- 5.73 Point for a witness point on the line bet. secs. 31 and 32 on the southerly right-of-way line of the Central Arizona Project Canal.
- Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.



Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Set a steel fence post W. of the cor.

Dependent Resurvey of a Portion of the Subdivisional Lines,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	
5.80	Southwesterly C.A.P. security fence, chain link, bears S. 45° E. and N. 45° W. Cross the Central Arizona Project Canal.
10.80	Northeasterly C.A.P. security fence, chain link, bears S. 45° E. and N. 45° W.
11.05	Dirt road, 19 ft. wide, bears S. 40° E. and N. 40° W.
11.60	Toe of Berm, bears S. 40° E. and N. 40° W.
12.75	Top of Berm, bears S. 40° E. and N. 40° W. Cross dirt road along the top of the berm.
13.05	Top of Berm, S. 40° E. and N. 40° W.
14.35	Toe of Berm, S. 40° E. and N. 40° W.
15.30	Dirt road, 23 ft. wide, S. 40° E. and N. 40° W.
40.00	The cor. of secs. 29, 30, 31, and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd., T3N R8W S30 S29 S31 S32 1955, with mound of stone, 3 ft. base, 1 1/2 ft. high to the west. from which An open-ended iron pipe, 1 1/4 ins. diam., firmly set, flush with the ground, bears S. 64°12' E., 27.4 lks. dist. A steel fence post with a sign marked D90 is NE of the cor. Add the marks 2017 to the brass cap. Rebuild the mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor.
	<hr/> <p>Survey of a Portion of the Subdivisional Lines, Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona</p> <hr/>
	From the cor. of secs. 29, 30, 31, and 32, herein before described. N. 89°59' W., bet. secs. 30 and 31.
	Over gently rolling land.
7.15	Dirt road, 25 ft. wide, bears S. 20° E. and N. 20° W.
7.70	Toe of Berm, bears S. 25° E. and N. 25° W.

Survey of a Portion of the Subdivisional Lines,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	
8.70	<p>Top of Berm, bears S. 25° E. and N. 25° W.</p> <p>Cross dirt road along the top of the berm.</p>
9.00	Top of Berm, S. 25° E. and N. 25° W.
9.95	Toe of Berm, S. 25° E. and N. 25° W.
10.10	Dirt road, 20 ft. wide, S. 25° E. and N. 25° W.
10.25	<p>Northeasterly C.A.P. security fence, chain link, bears S. 35° E. and N. 35° W.</p> <p>Cross the Central Arizona Project Canal.</p>
14.44	<p>Point for a witness point on the line bet. secs. 30 and 31 on the southerly right-of-way line of the Central Arizona Project Canal, designated AP 6, sec. 30, identical with AP 1, sec.31.</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> <div style="text-align: center;"> <p>WP</p> <p>T3N R8W</p> <p>S30</p> <hr style="width: 50px; margin: 0 auto;"/> <p>S31</p> <p>2017</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Set a steel fence post S. of the cor.</p>
16.65	Southwesterly C.A.P. security fence, chain link, bears S. 35° E. and N. 35° W.
17.45	Dirt road, 8 ft. wide, S. 25° E. and N. 25° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap encircled in collar of stone and mkd.</p> <div style="text-align: center;"> <p>T3N R8W</p> <p>S30</p> <p>1/4 —————</p> <p>S31</p> <p>2017</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>

Survey of a Portion of the Subdivisional Lines,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>Set a steel fence post N. of the cor.</p> <p>52.00 Begin ascending approximately 300 ft. over mountainous terrain.</p> <p>61.40 Begin descending approximately 300 ft. over mountainous terrain.</p> <p>70.60 Gently rolling land resumes.</p> <p>78.91 The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., hereinbefore described.</p> <p>Land, gently rolling with small drainages. Soil, mixture of sand and rock. Timber, scattered ironwood. Undergrowth, scattered creosote brush.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Unsurveyed Section 30, Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">NOTE</p> <p>The following metes-and-bounds surveys are based upon Bureau of Reclamation survey diagram 344-330-1240 dated November 2, 1978, revised July 13, 1979 and April 15, 1988.</p> <hr/> <p>From the witness point of secs. 25 and 30, on the southerly right-of-way line of the Central Arizona Project Canal, located North, 33.12 chs. dist., from the cor. of secs. 25, 30, 31, and 36, hereinbefore described.</p> <p>S. 89°49' E., along the southerly right-of-way line of the Central Arizona Project Canal.</p> <p>1.11 Point for AP1, sec. 30, identical with the Point of Curvature, monumented with a brass disk, 3 3/4 ins. diam., firmly set, 1 in. below ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.,</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. 912+51.49</p> <p>A steel fence post is S. of the brass disk.</p> <p>A hollow steel post, 3 ins. diam., 4 ft. high, is N. of the brass disk.</p>
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Metes-and-Bounds Survey in Unsurveyed Section 30,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this point, the nearest corner post of the Southerly C.A.P. security fence, bears N. 1°04' E., 0.08 chs. dist.</p> <hr/>
	<p>Thence, on line 1-2, along a circular curve to the right having a central angle of 36°45', a radius of 1307.39 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears S. 71°25' E., 12.49 chs. dist.</p>
0.25	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 70° E. and N. 70° W., substantially along the chord of the circular curve.</p>
12.20	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 70° E. and N. 70° W., substantially along the chord of the circular curve.</p>
12.71	<p>Point for AP2, sec. 30, identical with the Point of Tangency, monumented with a brass disk, 3 3/4 ins. diam., firmly set, flush with ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 15 ins. diam., with brass disk mkd.</p>
	<p style="text-align: center;">R.O.W. 125.00 RT. STA. PT 921+70.30 R-5B</p>
	<p>A hollow steel post 3 ins. diam., 4 ft. high, is N of the monumented point.</p>
	<p>From this point, the nearest corner post of the Southerly C.A.P. security fence, bears N. 23°32' E., 0.08 chs. dist.</p> <hr/>
	<p>S. 53°05' E., on line 2-3 along the southerly right-of-way line of the Central Arizona Project Canal.</p>
10.62	<p>Point for AP3, sec. 30, identical with the Point of Curvature, monumented with a brass disk, 3 3/4 ins. diam., firmly set, leaning to the NE, projecting 6 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 19 ins. diam., with brass disk mkd.</p>
	<p style="text-align: center;">R.O.W. 125.00 RT. STA. PC 928+70.72 R-5B</p>
	<p>From this point, the Point of Intersection, monumented with a rebar, 5/8 in diam., firmly set, 1 in. below ground, bent to the north 5 ins. below ground, with aluminum cap mkd. INTS. R-5B RT. R.O.W., bears S. 52°59' E., 4.92 chs. dist.</p>

Metes-and-Bounds Survey in Unsurveyed Section 30,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A steel fence post is S. of the brass disk.</p> <p>The rebar falls alongside and immediately to the west of a hollow steel post, 3 ins. diam., 4 ft. high, in concrete, 18 ins. diam.</p> <p>Two steel fence posts, located NE and S. of the rebar.</p> <hr/> <p>Thence, on line 3-4, along a circular curve to the left having a central angle of 12°25', a radius of 2989.80 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears S. 59°13' E., 9.79 chs. dist.</p>
2.39	Intersect the Southerly C.A.P. security fence, chain link, bears S. 55° E. and N. 55° W., substantially along the tangent of the circular curve.
7.47	Intersect the Southerly C.A.P. security fence, chain link, bears S. 65° E. and N. 65° W., substantially along the tangent of the circular curve.
9.82	<p>Point for AP4, sec. 30, identical with the Point of Tangency, monumented with a brass disk, 3 3/4 ins. diam., firmly set, projecting 3 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. PT 934+91.30</p> <p>Two steel fence posts, located S. and NW of the brass disk.</p> <hr/> <p>S. 65°27' E., on line 4-5, along the southerly right-of-way line of the Central Arizona Project Canal.</p>
10.89	<p>A brass disk, 3 3/4 ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. 942+09.71</p>
21.20	<p>Three steel fence posts, located NE, S., and NW of the brass disk.</p> <p>A brass disk, 3 3/4 ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.</p>

**Metes-and-Bounds Survey in Unsurveyed Section 30,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p style="text-align: center;">R.O.W. 125.00 RT. 948+90.53</p> <p>A steel fence post is NE of the monumented point.</p>
32.43	<p>Point for AP5, sec. 30, identical with the Point of Curvature, monumented with a brass disk, 3 3/4 ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. PC 956+31.70 R-5B</p> <p>Two steel fence posts, located N. and SE of the brass disk.</p> <p>A carsonite post marked Survey Marker is S. of the brass disk.</p> <p>From this point, the nearest corner post of the Southerly C.A.P. security fence, bears N. 13°58' E., 0.06 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence, on line 5-6, along a circular curve to the right having a central angle of 30°46', a radius of 829.93 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears S. 50°04' E., 6.67 chs. dist.</p>
0.09	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 35° E. and N. 35° W., substantially along the chord of the circular curve.</p>
6.75	<p>The witness point of secs. 30 and 31, identical with AP6, sec. 30, and AP1, sec. 31, on the southerly right-of-way line of the Central Arizona Project Canal, hereinbefore described, located S. 89°59' E., 25.56 chs. dist., from the 1/4 sec. cor. of secs. 30 and 31.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">Metes-and-Bounds Survey in Section 31, Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the witness point of secs. 30 and 31, identical with AP6, sec. 30, and AP1, sec. 31, on the southerly right-of-way line of the Central Arizona Project Canal, hereinbefore described, located S. 89°59' E., 25.56 chs. dist., from the 1/4 sec. cor. of secs. 30 and 31.</p>

**Metes-and-Bounds Survey in Section 31,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Thence, on line 1-2, along a circular curve to the right having a central angle of $33^{\circ}10'$, a radius of 829.93 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears $S. 18^{\circ}06' E.$, 7.18 chs. dist.</p>
7.16	<p>Intersect the Southerly C.A.P. security fence, chain link, bears $S. 35^{\circ} E.$ and $N. 35^{\circ} W.$, substantially along the chord of the circular curve.</p>
7.28	<p>Point for AP2, sec. 31, identical with the Point of Tangency, monumented with a brass disk, $3 \frac{3}{4}$ ins. diam., firmly set, projecting 1 in. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. PT 966+97.21 R-5B</p> <p>A hollow steel post, 3 ins. diam., 4 ft. high, is N. of the brass disk.</p> <p>A hollow steel post, 3 ins. diam., 4 ft. high, is NE of the aluminum cap, set in the same concrete pillar.</p> <p>From this point, the Point of Intersection, monumented with a rebar, $\frac{5}{8}$ in. diam., firmly set, flush with the ground, in concrete, 16 ins. diam., with aluminum cap mkd. INTS. RT. R.O.W. R-5B, bears $S. 1^{\circ}31' E.$, 14.99 chs. dist.</p> <p>From this point, the nearest corner post of the Southerly C.A.P. security fence, bears $N. 70^{\circ}21' E.$, 0.07 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>$S. 1^{\circ}31' E.$, on line 2-3, along the southerly right-of-way line of the Central Arizona Project Canal.</p>
8.70	<p>Point for AP3, sec. 31, identical with the Point of Curvature, monumented with a brass disk, $3 \frac{3}{4}$ ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 20 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. PC 972+71.07</p> <p>Two steel fence posts, located N. and S. of the brass disk.</p> <p>A carsonite post marked Survey Marker is NW of the brass disk.</p> <hr style="width: 20%; margin: 10px auto;"/>

**Metes-and-Bounds Survey in Section 31,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	Thence, on line 3-4, along a circular curve to the left having a central angle of 42°05', a radius of 1079.93 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears S. 22°33' E., 11.75 chs. dist.
1.15	Intersect the Southerly C.A.P. security fence, chain link, bears North and South, substantially along the tangent of the circular curve.
10.55	Intersect the Southerly C.A.P. security fence, chain link, bears S. 45° E. and N. 45° W., substantially along the tangent of the circular curve.
12.02	Point AP4, sec. 31, identical with the Point of Tangency, monumented with a brass disk, 3 3/4 ins. diam., firmly set, 1 in. below ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 17 ins. diam., with brass disk mkd.
	R.O.W. 125.00 RT. STA. PT 979+72.37 R-5B
	A steel fence post is E of the brass disk.

	S. 43°36' E., along the southerly right-of-way line of the Central Arizona Project Canal.
9.56	A brass disk, 3 3/4 ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 15 ins. diam., with brass disk mkd.
	R.O.W. 125.00 RT. 986+03.59
	Three steel fence posts, located N., E., and SW of the brass disk.
10.92	The witness point of secs. 31 and 32, on the southerly right-of-way line of the Central Arizona Project Canal, hereinbefore described, located N. 0°06' W. 5.73 chs. dist. from the 1/4 sec. cor. of secs. 31 and 32.

**Metes-and-Bounds Survey in Section 32,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From the witness point of secs. 31 and 32, on the southerly right-of-way line of the Central Arizona Project Canal, hereinbefore described, located N. 0°06' W. 5.73 chs. dist. from the 1/4 sec. cor. of secs. 31 and 32.</p> <p>S. 43°36' E., along the southerly right-of-way line of the Central Arizona Project Canal.</p>
8.16	<p>Point for AP1, sec. 32, identical with the Point of Curvature, monumented with a brass disk, 3 3/4 ins. diam., firmly set, projecting 3 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 17 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. PC 992+31.92 R-5B</p> <p>A steel fence post is N. of the brass disk.</p> <p>From this point, the Point of Intersection, monumented with a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, bent 5 ins. below ground, with aluminum cap mkd. INTS. RT. R.O.W. R-5B, bears S. 42°53' E., 8.20 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence, on line 1-2, along a circular curve to the left having a central angle of 20°28', a radius of 2991.70 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears S. 53°50' E., 16.11 chs. dist.</p>
2.12	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 45° E. and N. 45° W., substantially along the tangent of the circular curve.</p>
13.67	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 65° E. and N. 65° W., substantially along the tangent of the circular curve.</p>
16.19	<p>Point for AP2, sec. 32, identical with the Point of Tangency, monumented with a brass disk, 3 3/4 ins. diam., firmly set, projecting 2 ins. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 18 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. 2 PT 1002+55.85 R-5B</p>

Metes-and-Bounds Survey in Section 32,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A steel fence post is N of the brass disk.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 64°04' E., on line 2-3, along the southerly right-of-way line of the Central Arizona Project Canal.</p>
14.52	<p>Point for AP3, sec. 32, identical with the Point of Curvature, monumented with a brass disk, 3 3/4 ins. diam., firmly set, flush with the ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 16 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. PC 1012+13.89 R-5B</p> <p>A hollow steel post, 3 ins. diam., 4 ft. high, is N. of the brass disk.</p> <p>Three steel fence posts, located N., E., and SW of the brass disk.</p> <p>From this point, the nearest corner post of the Southerly C.A.P. security fence, bears N. 29°03' E., 0.08 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence, on line 3-4, along a circular curve to the right having a central angle of 44°33', a radius of 1307.37 ft., on the southerly right-of-way line of the Central Arizona Project Canal, the chord of said arc bears S. 41°47' E., 15.018 chs. dist.</p>
0.19	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 40° E. and N. 40° W., substantially along the chord of the circular curve.</p>
15.19	<p>Intersect the Southerly C.A.P. security fence, chain link, bears S. 40° E. and N. 40° W., substantially along the chord of the circular curve.</p>
15.40	<p>Point for AP4, sec. 32, identical with the Point of Tangency, monumented with a brass disk, 3 3/4 ins. diam., firmly set, projecting 1 in. above ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 18 ins. diam., with brass disk mkd.</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. PT 1023+27.64 R-5B</p> <p>A hollow steel post, 3 ins. diam., 4 ft. high, is NE of the brass disk.</p>

**Metes-and-Bounds Survey in Section 32,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Two steel fence posts, located NE and E. of the brass disk.</p> <p>From this point, the nearest corner post of the Southerly C.A.P. security fence, bears N. 51°03' E., 0.08 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 19°31' E., on the southerly right-of-way line of the Central Arizona Project Canal.</p>
8.75	<p>A brass disk, 3 3/4 ins. diam., firmly set, flush with the ground, in concrete, 6 ins. diam., encircled in a second rough pour concrete, 17 ins. diam., with brass disk mkd.,</p> <p style="text-align: center;">R.O.W. 125.00 RT. STA. 1029+04.89</p> <p>A steel fence post is SW of the brass disk.</p>
13.55	<p>The witness point of secs. 5 and 32, on the southerly right-of-way line of the Central Arizona Project Canal, hereinbefore described, located N. 89°58' E., 6.13 chs. dist., from the 1/4 sec. cor. of secs. 5 and 32.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">Description of Southerly C.A.P. Security Fence, Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">The following is for informational purposes only.</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="text-align: center;">NOTE</p> <p>Orange carsonite posts marked "Fiber Optic Vault" are present along the southerly C.A.P. security fence throughout the survey area. The C.A.P. has indicated that these markers are associated with a different fiber optic cable than the existing buried communication line described in the Special Instructions dated September 01, 2017. There are also concrete vaults located along the southerly C.A.P. security fence at irregular intervals. These structures appear to be the best available surface evidence regarding the location of the existing buried communication line with which this survey is concerned.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the witness point of secs. 25 and 30, on the southerly right-of-way line of the Central Arizona Project Canal, hereinbefore described, located North 33.12 chs. dist. from the cor. of secs. 25, 30, 31, and 36.</p>

**Description of Southerly C.A.P. Security Fence,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS

North 0.08 chs. dist. to a point where the W. bdy. of the Tp. intersects the southerly C.A.P. security fence. From this point, the SW cor. of a concrete vault, 5 x 5 ft., bears N. 22°53' W., 0.12 chs. dist., one side bears N. 85° E. and S. 85° W. This structure is located within both the southerly security fence and the southerly right-of-way.

Thence, S. 89°45' E., 1.11 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 71°25' E., 0.26 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 71°25' E., 12.01 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 71°25' E., 0.25 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 53°00' E., 13.02 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 53°00' E., 2.55 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 65°25' E., 2.56 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 65°25' E., 34.75 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 33°35' E., 0.12 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

**Description of Southerly C.A.P. Security Fence,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS

Thence, continuing S. 33°35' E., 5.09 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to a point on the sec. line bet. secs. 30 and 31. From this point, the witness point of secs. 30 and 31, on the southerly right-of-way line of the Central Arizona Project Canal, bears S. 89°59' E., 2.22 chs. dist., hereinbefore described.

Thence, continuing S. 33°35' E., 3.97 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to a point on line. From this point, the W. cor. of a concrete vault, 5 x 5 ft., bears N. 55°17' W., 0.11 chs. dist., one side bears S. 35° E. and N. 35° W. This structure is located within the southerly security fence, but outside of the southerly right-of-way.

Thence, continuing S. 33°35' E., 4.08 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 33°35' E., 0.12 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 1°35' E., 1.62 chs. dist., along the southerly C.A.P. security fence, to a point on line. From this point, the SW cor. of a concrete vault, 5 x 8 ft., bears N. 88°36' W., 0.10 chs. dist., long side bearing North and South. This structure is located within both the southerly security fence and the southerly right-of-way.

Thence, continuing S. 1°35' E., 8.59 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 1°35' E., 4.77 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 43°35' E., 4.80 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

**Description of Southerly C.A.P. Security Fence,
Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona**

CHAINS

Thence, continuing S. 43°35' E., 12.334 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to a point on the sec. line bet. secs. 31 and 32. From this point the witness point of secs. 31 and 32, on the southerly right-of-way line of the Central Arizona Project Canal, bears S. 0°06' E., 0.07 chs. dist., hereinbefore described.

Thence, continuing S. 43°35' E., 12.33 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 43°35' E., 6.01 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 64°05' E., 5.69 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 64°05' E., 17.05 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to an angle point. From this point, the W. cor. of a concrete vault, 5 x 5 ft., bears N. 77°35' W., 0.10 chs. dist., one side bears S. 50° E. and N. 50° W. This structure is located within both the southerly security fence and the southerly right-of-way.

Thence, S. 41°50' E., 0.20 chs. dist., along the southerly C.A.P. security fence, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing, S. 41°50' E., 14.64 chs. dist., along the southerly C.A.P. security fence, outside of the southerly right-of-way line of the Central Arizona Project Canal, to a point at the intersection with the southerly right-of-way line of the Central Arizona Project Canal.

Thence, continuing S. 41°50' E., 0.21 chs. dist., along the southerly C.A.P. security fence, within the southerly right-of-way line of the Central Arizona Project Canal, to an angle point.

Thence, S. 19°30' E., 13.60 chs. dist., along the southerly C.A.P. security fence, to a point on the Tp. line bet. secs. 5 and 32, Tps. 2 and 3 N., R. 8 W. From this point, the witness point of secs. 5 and 32, on the southerly right-of-way line of the Central Arizona Project Canal, bears S. 89°58' W., 0.08 chs. dist., hereinbefore described.

Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is approximately 10 miles northwest of Tonopah, Arizona. Burnt Mountain is a prominent landmark located immediately east of the site. Approximate elevations range from 1,300 to 1,700 feet above sea level.

The Central Arizona Project Canal enters the township on the west boundary of section 30 and traverses southeasterly. Access is provided by Salome Road, the road along the canal, and other secondary roads.

The terrain is gently rolling and generally drains to the south within the area of the survey, but rapidly becomes more mountainous to the north and east. Creosote, scattered paloverde, ironwood, and saguaro cacti are found throughout most of the area.

The mean magnetic declination of $10 \frac{3}{4}^{\circ}$ E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2015 for the dates of survey.

CERTIFICATE OF SURVEY

I, Marshall S. Wixom, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 1st day of September, 2017, I have dependently resurveyed portions of the south and west boundaries, and a portion of the subdivisional lines, surveyed a portion of the subdivisional lines, and performed metes-and-bounds surveys in certain sections, Partially Surveyed T. 3 N., R. 8 W., of the Gila and 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. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions, (2009), and in specific manner described in the foregoing field notes.

9/10/2018

(Date)

Marshall D. Wixom

(Cadastral Surveyor)

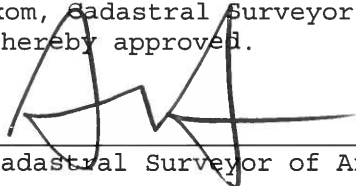
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the south and west boundaries, and a portion of the subdivisional lines, the survey of a portion of the subdivisional lines, and metes-and-bounds surveys in certain sections, Partially Surveyed T. 3 N., R. 8 W., Gila and Salt River Meridian, in the State of Arizona, executed by Marshall S. Wixom, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

9/13/2018

(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. 3 N., R. 8 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~