**ORIGINAL** 

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE EAST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

SUBDIVISION OF SECTIONS 13, 14, AND 15,

AND A METES-AND-BOUNDS SURVEY THROUGH

SECTIONS 13, 14 AND 15,

TOWNSHIP 3 NORTH, RANGE 13 WEST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

#### **EXECUTED BY**

#### Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated August 9, 2019, approved August 21, 2019, which provided for the surveys included under Group No. 1198, and assignment instructions dated August 12, 2019.

Survey commenced August 27, 2019

Survey completed September 10, 2019

#### INDEX DIAGRAM

## TOWNSHIP 3 NORTH RANGE 13 WEST GILA & SALT RIVER MERIDIAN, ARIZONA

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

Subdivision of Section	13	Pages 15-16
Subdivision of Section	14	Page 16
Subdivision of Section	15	Pages 16-17
Metes-and-Bounds Surve	y through secs. 13,	14 and 15. Pages 16-20

#### T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

#### CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, the subdivision of sections 13, 14, and 15, and a metes-and-bounds survey through section 13, 14 and 15, Township 3 North, Range 13 West, Gila and Salt River Meridian, Arizona.

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

William H. Thorne, U.S. Cadastral Engineer, and Ty White, U.S. Transitman, in 1923, surveyed the south, north and west boundaries and the subdivisional lines of Township 3 North, Range 12 West, Gila and Salt River Meridian (Book 3609).

Paul K. Russell, Cartographic Survey Aid, in 1955, surveyed the north boundary and a portion of the subdivisional lines, Township 3 North, Range 13 West, Gila and Salt River Meridian (Book 4483).

Leonard W. Murphy, Cadastral Surveyor, in 1963, completed the survey of the subdivisional lines, Township 3 North, Range 13 West, Gila and Salt River Meridian, (Book 4679).

The Arizona State Highway Commission, in 1966, by resolution approved Right-Of-Way Map No. D-14-T-336, a portion of the Right of Way Plan of the Ehrenberg-Phoenix State Highway Project No. I-10-1(29)49.

The metes-and-bounds survey in sections 13, 14, and 15, is identical with the southerly right-of-way of U.S. Interstate No. 10, and is a retracement of a portion of Map No. D-14-T-336.

The survey was undertaken to define the lands to be conveyed by the Bureau of Land Management to LaPaz County Arizona, under Public Law No. 116-9, Section 1008, LaPaz County Land Conveyance.

The Central Arizona Project canal runs through sections 13, 14 and 15, but was not in the area concerned, and therefore was only noted as a general call in the field notes. Likewise, other than the south Right-of-Way, U.S. Interstate No. 10, was noted as a general call.

The survey was executed in accordance with the specifications as set forth in the  $\underline{\text{Manual of Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated August 9, 2019, for Group Number 1198, Arizona.$ 

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 and R10 model receivers.

#### T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

#### CHAINS

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DM7870 AZLH LAKE HAVASU CITY CORS ARP, DN7452 P623 VIDALJUNCTCS2005 CORS ARP, and DM7512 GNPS\_SCGN\_CS1999 CORS ARP.

The NAD 83 (2011) (EPOCH: 2010), geographic position of the corner of section 25, 30, 31 and 36, on the east boundary, Township 3 North, Range 13 West, is as follows:

Latitude: 33°33'57.857" N. Longitude: 113°32'33.646" W.

The NAD 83 (2011) (EPOCH: 2010), geographic position of the corner of sections 16, 17, 20 and 21, Township 3 North, Range 13 West, is as follows:

Latitude: 33°35'41.875" N. Longitude: 113°36'43.351" W.

The mean magnetic declination is 10  $3/4^{\circ}$  E.

Dependent Resurvey of a portion of the East Boundary T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by William H. Thorn and Ty White, 1923

Beginning at the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. T3N R13W R12W S25 S30 S36 S31 1923.

Set a steel fence post, alongside and W. of the cor. Add the marks 2019 to the brass cap.

N. 0°02' E., bet. secs. 25 and 30, on the E. bdy. of the Tp.

Over nearly level terrain.

40.02

The 1/4 sec. cor. of secs. 25 and 30, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 1/4 S25 S30 1923.

Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.

N. 0°01' E., beginning new measurement.

#### Dependent Resurvey of a Portion of the East Boundary, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS 40.02	The cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above the ground, with brass cap mkd. T3N R13W R12W S24 S19 S25 S30 1923. Witnessed by a steel fence post to the W. and a steel sign post, with attached sign mkd. "SURVEY MARKER DO NOT REMOVE", to the S.
	Add the marks 2019 to the brass cap.
	N. 0°01' E., bet. secs. 19 and 24, on the E. bdy. of the Tp.  Over nearly level terrain.
0.35	Bladed road, 25 ft. wide, bears N. 55° E. and S. 55° W.
40.015	Point for the 1/4 sec. cor. of secs. 19 and 24, at proportionate distance. There is no remaining evidence of the original cor.
-	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 3 N R 13 W R 12 W 1/4 S 24   S 19
	2019
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post alongside and N. of the cor.
80.03	The cor. of secs. 13, 18, 19 and 25, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. T3N R13W R12W S13 S18 S24 S19 1923.
×	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
	N. 0°02' E., bet. secs. 13 and 18, on the E. bdy. of the Tp.
	Over nearly level terrain.
10.37	Intersect the southerly right-of-way of U.S. Interstate No. 10, at P.O.T. Sta. 3083+72.70. Monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.

	Dependent Resurvey of a Portion of the East Boundary, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	1. 5 N., R. 15 W., Gila and Salt Rivel Melidian, Alizona
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears WNW, 4 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 3083+37.02 on the NW face. Station numbering on the angle iron refers to the survey center line stationing.
	Cor. is located in the southerly right-of-way fence, 5 strand barbed wire, bears S. 80° E. and N. 80° W.
	Continue across the interstate right-of-way.
40.015	Point for the 1/4 sec. cor. of secs. 13 and 18, at proportionate distance. There is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, set over a steel fence post, 45 ins. long, driven 45 ins. in the ground. with brass cap mkd.
	T 3 N R 13 W R 12 W 1/4
*	S 13   S 18
	2019
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post alongside and W. of the cor.
	Cor. is located in an area disturbed by heavy equipment, 62 lks. S. of a woven wire fence, 8 ft. high, bears S. 60° E. and N. 60° W. Fence encloses the southerly side of the Central Arizona Project canal.
	Continuing measurement across Central Arizona Project canal.
80.03	The cor. of secs. 7, 12, 13, and 18, monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. T3N R13W R12W S12 S7 S13 S18 1923.
	Add the marks 2019 to the brass cap.
	Dependent Resurvey of a portion of the Subdivisional Lines T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
	Restoring the survey executed by

Restoring the survey executed by Paul K. Russell, 1955

From the cor. of secs. 25, 30, 31 and 36 on the E. bdy. of the Tp., hereinbefore described.

0111	
CHAINS	S. 89°56' W., bet. secs. 25 and 36.
	Over nearly level terrain.
40.06	The 1/4 sec. cor. of secs. 25 and 36, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. 1/4 S25 S36 1955. A mound of stone 3 ft. base, 2 ft. high, is N. of the cor.
	Set a steel fence post, alongside and W. of the cor. Add the marks T3N R13W 2019 to the brass cap.
	S. 89°56' W., beginning new measurement.
40.03	The cor. of secs. 25, 26, 35 and 36, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T3N R13W S26 S25 S35 S36 1955. A mound of stone, 3 ft. base, 1 1/2 ft. high, is W. of the cor.
11	Set a steel fence post, alongside and E. of the cor. Add the marks 2019 to the brass cap.
	Restoring the survey executed by Leonard W. Murphy, 1963
	From the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of the Tp., hereinbefore described.
	S. 89°55' W., bet. secs. 13 and 24.
	Over nearly level terrain.
40.07	The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S13 S24 1963. A mound of stone 1 1/2 ft. base, 1 ft. high, is N. of the cor.
	Add the marks 2019 to the brass cap.
	S. 89°54' W., beginning new measurement.
40.04	The cor. of secs. 13, 14, 23 and 24, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. T3N R13W S14 S13 S23 S24 1963.
	Add the marks 2019 to the brass cap.
	N. 0°02' E., bet. secs. 13 and 14.

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	Over nearly level terrain.
24.82	Intersect the southerly right-of-way of U.S. Interstate No. 10, at P.O.T. Sta. 3030+02.69. Monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., 8 ins. below ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears WNW, 3.5 lks. dist., painted HWY R. OF W. on the NE face and S.L/P.O.T. 3029+66.67 on the NW face.
	Cor. is located in the southerly right-of-way fence, 5 strand barbed wire, bears S. 80° E. and N. 80° W.
	Continue across the interstate right-of-way.
40.00	The 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S14 S13 1963.
	Encircle the iron post with a collar of stone.
	Add the marks 2019 to the brass cap.
	From the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., hereinbefore described.
	S. 89°54' W., bet. secs. 12 and 13.
	Over nearly level terrain.
40.07	The 1/4 sec. cor. of secs. 12 and 13, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S12 S13 1963. A mound of stone 2 ft. base, 1 ft. high, is N. of the cor.
	Add the marks 2019 to the brass cap.
	From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, with an alum. cap, 1 1/2 ins. diam., mkd. R.O.W. LT. U.S.B.R., bears N. 19°51' W 3.94 chs. dist.
	From the cor. of secs. 25, 26, 35 and 36.
	S. 89°51' W., bet. secs. 26 and 35.
	Over nearly level terrain.
40.03	The 1/4 sec. cor. of secs. 26 and 35, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S26 S35 1963.
L	

	1. J N., N. 13 W., GITA AND DATE NIVEL MELICIAN, ALIZONA
CHAINS	A mound of stone, 2 ft. base, 1 ft. high, is N. of the cor. Incorporate this mound of stone into a new mound of stone, 3 ft.
*	base, 1 ft. high, raised around the iron post.
	Set a steel fence post, alongside and W. of the cor. Add the marks 2019 to the brass cap.
	S. 89°50' W., beginning new measurement.
40.03	The cor. of secs. 26, 27, 34 and 35, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T3N R13W S27 S26 S34 S35 1963.
	A mound of stone, 2 ft. base, 1 ft. high, is W. of the cor. Incorporate this mound of stone into a new mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and E. of the cor. Add the marks 2019 to the brass cap.
	From the cor. of secs. 13, 14, 23 and 24.
	S. 89°55' W., bet. secs. 14 and 23.
	Over nearly level terrain.
40.03	The 1/4 sec. cor. of secs. 14 and 23, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S14 S23 1963.
	Add the marks 2019 to the brass cap.
	S. 89°52' W., beginning new measurement.
40.08	The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 1/2 ins. diam., projecting 23 ins. above the ground, leaning to the south, in a collar of stone, with brass cap mkd. T3N R13W S15 S14 S22 S23 1963.
	Reset the iron post, 29 ins. long, 23 ins. in the ground. Deposit a magnet, in a white plastic case, at the base of the iron post.
	Add the marks 2019 to the brass cap.
	North, bet. secs. 14 and 15.
	Over nearly level terrain.

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	
39.28	Intersect the southerly right-of-way of U.S. Interstate No. 10, at P.O.T. Sta. 2976+30.95. Monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	Cor. is located in the southerly right-of-way fence, 5 strand barbed wire, bears S. 80° E. and N. 80° W.
	Continue across the interstate right-of-way.
40.02	The 1/4 sec. cor. of secs. 14 and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S15 S14 1963.
	Add the marks 2019 to the brass cap.
	Cor. is located S., 30 ft., of the southerly edge of pavement, of E. bound, U.S. Interstate No. 10.
	N. 0°01' E., beginning new measurement.
	Across interstate R.O.W. and Central Arizona Project canal.
40.01	The cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T3N R13W S10 S11 S15 S14 1963. A mound of stone, 1 1/2 ft. base, 1/2 ft. high, is W. of the cor.
	Add the marks 2019 to the brass cap.
	From the 1/4 sec. cor. of secs. 11 and 14, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S11 S14 1963. A mound of stone, 1 1/2 ft. base, 1 ft. high, is N. of the cor.
	Add the marks 2019 to the brass cap.
	N. 89°57' W., bet. secs. 14 and 23.
	Over nearly level terrain.
40.03	The cor. of secs. 10, 11, 14 and 15.
	From the cor. of secs. 26, 27, 34 and 35.
	S. 89°55' W., bet. secs. 27 and 34.
	Over nearly level terrain.
	e a
=	

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	
39.99	The 1/4 sec. cor. of secs. 27 and 34, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S27 S34 1963.
	A mound of stone, 2 ft. base, 1 ft. high, is N. of the cor. Incorporate this mound of stone into a new mound of stone, 2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and W. of the cor. Add the marks 2019 to the brass cap.
	S. 89°51' W., beginning new measurement.
39.97	The cor. of secs. 27, 28, 33 and 34, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. T3N R13W S28 S27 S33 S34 1963.
	A mound of stone, 2 1/2 ft. base, 1 ft. high, is W. of the cor. Take apart this mound of stone and incorporate it into a mound of stone, 2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
	From this point, National Geodetic Survey Station "Salome Fields", bears N. 26°53' E., 72.82 chs. dist. Monumented with a brass tablet, 3 1/2 ins. diam., set in a cement pillar, 12 x 12 ins., projecting 6 ins. above the grd., mkd. SALOME FIELD 1948.
	From N. G. S. Station "Salome Fields", "SALOME FIELD RM1" bears N. 25°05' E., 54.0 lks. dist. Monumented with a brass tablet, 3 1/2 ins. diam., set in a cement pillar, 12 x 12 ins., projecting 5 ins. above the grd., mkd. SALOME FIELD NO. 1 1948 with an arrow pointing to the station.
	From N. G. S. Station "Salome Fields", "SALOME FIELD RM2" bears S. 22°07' E., 56.7 lks. dist. Monumented with a brass tablet, 3 1/2 ins. diam., set in a cement pillar, 12 x 12 ins., projecting 6 ins. above the grd., mkd. SALOME FIELD NO. 2 1948 with an arrow pointing to the station.
	From the cor. of secs. 14, 15, 22 and 23.
	S. 89°51' W., bet. secs. 15 and 22.
!	Over nearly level terrain.
39.96	The 1/4 sec. cor. of secs. 15 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S15 S22 1963.

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	
	A mound of stone, 2 ft. base, 1 ft. high, is N. of the cor. Incorporate this mound of stone into a new mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Add the marks 2019 to the brass cap.
	S. 89°52' W., beginning new measurement.
16.35	Bladed road, 20 ft. wide, bears S. 50° E. and N. 50° W.
16.90	Overhead utility line, 3 wire, bears S. 50° E. and N. 50° W.
39.97	The cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T3N R13W S16 S15 S21 S22 1963.
	A mound of stone, 2 ft. base, 1 ft. high, is W. of the cor. Incorporate this mound of stone into a new mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and W. of the cor. Add the marks 2019 to the brass cap.
	N. 0°01' W., bet. secs. 15 and 16.
	Over nearly level terrain.
19.75	Overhead utility line, 3 wire, bears S. 50° E. and N. 50° W.
20.20	Bladed road, 20 ft. wide, bears S. 50° E. and N. 50° W.
40.02	The 1/4 sec. cor. of secs. 15 and 16, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S16 S15 1963.
	A mound of stone, 2 ft. base, 1 ft. high, is W. of the cor. Incorporate this mound of stone into a new mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
	N. 0°01' W., beginning new measurement.
13.72	Intersect the southerly right-of-way of U.S. Interstate No. 10, at P.O.T. Sta. 2922+71.58. Monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., flush with the ground, with brass tablet mkd. ARIŻONA HIGHWAY DEPT. 19.
ē <sub>j</sub>	

CHAINS	2. 5 A., A. 25 H., Clack did balo Mayor Market Hilliam, Milliam
SMITHO	A 4 in. angle iron, firmly set, projecting 25 ins. above the ground, bears NW, 2 lks. dist., painted HWY R. OF W. on the NE face and S.L/P.O.T. 2922+36.11 on the NW face. Station numbering on the angle iron refers to the survey center line stationing.
	Cor. is located in the southerly right-of-way fence, 5 strand barbed wire, bears S. 80° E. and N. 80° W.
	Continue measurement across the interstate right-of-way.
40.01	The cor. of secs. 9, 10, 15 and 16, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T3N R13W S9 S10 S16 S15 1963. A mound of stone, 2 1/2 ft. base, 1 ft. high, is W. of the cor.
	Add the marks 2019 to the brass cap.
	Cor. is located 29 lks. S. of a woven wire fence, 8 ft. high, bears S. 85° E. and N. 85° W. Fence encloses the southerly side of the Central Arizona Project canal.
	From the cor. of secs. 10, 11, 14 and 15.
	S. 89°52' W., bet. secs. 10 and 15.
	Over nearly level terrain.
39.98	Point for the 1/4 sec. cor. of secs. 10 and 15, at proportionate distance. The original monument was found lying horizontally, 5 ins. below the ground, within 1 link of this position.
	Reset the original iron post, 29 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd. T3N R13W 1/4 S10 S15 1963. Add the marks 2019 to the brass cap.
	Deposit a magnet, in a white plastic case, at the base of the iron post. Set a steel fence post alongside and N. of the cor.
	Cor. is located at the toe of the slope of the northerly raised maintenance road of the Central Arizona Project canal, extends S. 80° E. and N. 80° W.
	Continue measurement across Central Arizona Project canal.
79.96	The cor. of secs. 9, 10, 15 and 16.
	From the cor. of secs. 27, 28, 33 and 34.
	S. 89°50' W., bet. secs. 28 and 33.
	Over nearly level terrain.
a	

CHAINS	
40.03	The 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S28 S33 1963.
	Raise a mound of stone, 3 ft. base, to top, around the iron post. Set a steel fence post, alongside and W. of the cor. Add the marks 2019 to the brass cap.
i i	S. 89°49' W., beginning new measurement.
11.65	Bladed road, 20 ft. wide, bears N. 10° E. and S. 10° W.
39.99	The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 13 ins. above the ground, in a mound of stone, 2 1/2 ft. base, 1 ft. high, with brass cap mkd. T3N R13W S29 S28 S32 S33 1963.
	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
	North, bet. secs. 28 and 29.
	Over nearly level terrain.
40.03	The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S29 S28 1963.
	A mound of stone, 2 ft. base, 1 ft. high, is W. of the cor. Incorporate this mound of stone into a new mound of stone, 4 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
	North, beginning new measurement.
40.01	The cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T3N R13W S20 S21 S29 S28 1963.
	A mound of stone, 2 1/2 ft. base, 1 ft. high, is W. of the cor. Take apart this mound of stone and incorporate it into a mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
-	N. 0°01' W., bet. secs. 20 and 21.

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	
	Over nearly level terrain.
40.00	The 1/4 sec. cor. of secs. 20 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S20 S21 1963.
	A mound of stone, 1 1/2 ft. base, 1 ft. high, is W. of the cor. Take apart this mound of stone and incorporate it into a mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and N. of the cor. Add the marks 2019 to the brass cap.
39.99	N. 0°02' W., beginning new measurement. The cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T3N R13W S17 S16 S20 S21 1963.
	A mound of stone, 2 ft. base, 1 ft. high, is W. of the cor. Incorporate this mound of stone into a new mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and E. of the cor. Add the marks 2019 to the brass cap.
	From the cor. of secs. 15, 16, 21 and 22.
	S. 89°49' W., bet. secs. 16 and 21.
	Over nearly level terrain.
39.98	The 1/4 sec. cor. of secs. 16 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T3N R13W 1/4 S16 S21 1963.
*	A mound of stone, 2 1/2 ft. base, 1 ft. high, is N. of the cor. Take apart this mound of stone and incorporate it into a mound of stone, 2 1/2 ft. base, to top, raised around the iron post.
	Set a steel fence post, alongside and W. of the cor. Add the marks 2019 to the brass cap.
	S. 89°48' W., beginning new measurement.
40.00	The cor. of secs. 16, 17, 20 and 21.
1	

Subdivision of Section 13, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona	
CHAINS		
	From the 1/4 sec. cor. of secs. 13 and 24.	
N. 0°01' E., on the N. and S. center line of sec. 13.		
	Over nearly level terrain.	
17.59	P.O.T. Sta. 3056+86.68, at intersection with the southerly right-of-way of U.S. Interstate No. 10, not monumented.	
	From this point, P.O.T. Sta. 3069+00.00, bears S. 79°52' E., 18.39 chs. dist., hereinafter described.	
	From this same point, P.O.T. Sta. 3054+00.00, bears N. 79°52' W., 4.34 chs. dist., hereinafter described.	
	Continue measurement across the interstate right-of-way.	
40.00	Point for the center 1/4 sec. cor. of sec. 13, at intersection with the E. and W. center line of sec. 13, not monumented.	
	Continue measurement across the Central Arizona Project canal.	
80.02	The 1/4 sec. cor. of sec. 12 and 13.	
	From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy, of the Tp.	
	S. 89°54' W., on the E. and W. center line of sec. 13.	
	Over nearly level terrain.	
40.07	The center 1/4 sec. cor. of sec. 13.	
80.10	The 1/4 sec. cor. of secs. 13 and 14.	
	Subdivision of Section 14, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona	
	From the 1/4 sec. cor. of secs. 14 and 23.	
	N. 0°01' W., on the N. and S. center line of sec. 14.	
	Over nearly level terrain.	
32.03	P.O.T. Sta. 3003+17.53, at intersection with the southerly right-of-way of U.S. Interstate No. 10, not monumented.	
	From this point, P.O.T. Sta. 3006+00.00, bears S. 79°52' E., 4.28 chs. dist., hereinafter described.	

Subdivision of Section 14, T. 36 N., R. 15 E., Gila and Salt River Meridian, Arizona

	T. 36 N., R. 15 E., Gila and Salt River Meridian, Arizona
CHAINS	
2	From this same point, P.O.T. Sta. 2991+00.00, bears N. 79°52' W., 18.45 chs. dist., hereinafter described.
	Continue measurement across the interstate right-of-way.
39.99	Point for the center 1/4 sec. cor. of sec. 14, at intersection with the E. and W. center line of sec. 14, not monumented.
	Continue measurement across the Central Arizona Project canal.
79.90	The 1/4 sec. cor. of sec. 11 and 14.
	From the 1/4 sec. cor. of secs. 13 and 14.
	S. 89°54' W., on the E. and W. center line of sec. 14.
	Over nearly level terrain.
40.06	The center 1/4 sec. cor. of sec. 14.
	Continue measurement across the interstate right-of-way.
80.13	The 1/4 sec. cor. of secs. 14 and 15.
	Subdivision of Section 15, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 15 and 22.
	North, on the N. and S. center line of sec. 15.
	Over nearly level terrain.
40.03	Point for the center 1/4 sec. cor. of sec. 15, at intersection with the E. and W. center line of sec. 15, not monumented.
46.52	P.O.T. Sta. 2949+51.84, at intersection with the southerly right-of-way of U.S. Interstate No. 10, not monumented.
	From this point, P.O.T. Sta. 2952+00.00, bears S. 79°52' E., 3.76 chs. dist., hereinafter described.
	From this same point, P.O.T. Sta. 2938+00.00, bears N. 79°52' W., 17.45 chs. dist., hereinafter described.
	Continue measurement across the interstate right-of-way and the Central Arizona Project canal.
80.04	The 1/4 sec. cor. of sec. 10 and 15.

#### Subdivision of Section 15 T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona		
CHAINS			
	From the 1/4 sec. cor. of secs. 14 and 15.		
	S. 89°52' W., on the E. and W. center line of sec. 15.		
	Over nearly level terrain.		
4.08	P.O.T. Sta. 2973+57.40, at intersection with the southerly right-of-way of U.S. Interstate No. 10, not monumented.		
	From this point, P.O.T. Sta. 2976+30.95, bears S. 79°52' E., 4.14 chs. dist., hereinbefore described.		
	From this same point, P.O.T. Sta. 2967+00.00, bears N. 79°52' W., 9.96 chs. dist., hereinafter described		
39.96	The center 1/4 sec. cor. of sec. 15.		
79.93	The 1/4 sec. cor. of secs. 15 and 16.		
	Metes-and-Bounds Survey through Sections 13, 14 and 15		
	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona		
	NOTE: The following is a retracement, of the southerly right-of-way, of U.S. Interstate No. 10, through sections 13, 14, and 15. The retracement data, is based upon Arizona State Highway Department, Right Of Way Map, No. D-14-T-336, approved 11 March 1966. Station numbering on said map is referenced to the survey center line. Where the section and subdivision of section lines intersect the southerly right-of-way, the station numbering was calculated. Unless stated, all monuments recovered and calculated fall within a 5 strand barbed wire fence.		
	From Station 2922+71.58, at intersection of southerly right-of-way with the line between sections 15 and 16, hereinbefore described.		
	S. 79°52' E., on the southerly right-of-way of U.S. Interstate No. 10, through section 15.		
23.16	P.O.T. Sta. 2938+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., projecting 1 in. above the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.		
	A 4 in. angle iron, firmly set, projecting 24 ins. above the ground, bears NW, 4 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 2938+00.00 on the NW face.		
40.61	P.O.T. Sta. 2949+51.84, on the N. and S. centerline of sec. 15, not monumented.		

## Metes-and Bounds Survey through Sections 13, 14, and 15, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	
44.37	P.O.T. Sta. 2952+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 24 ins. above the ground, bears W, 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 2952+00.00 on the NW face.
67.10	P.O.T. Sta. 2967+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears NW, 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 2967+00.00 on the NW face
77.06	P.O.T. Sta. 2973+57.40, on the E. and W. centerline of sec. 15, not monumented.
81.20	P.O.T. Sta. 2976+30.95, on the line between sections 14 and 15, hereinbefore described.
	From P.O.T. Sta. 2976+30.95, S. 79°52' E., beginning new measurement, on the southerly right-of-way of U.S. Interstate No. 10, through section 14.
22.26	P.O.T. Sta. 2991+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears NW, 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 2991+00.00 on the NW face
40.71	P.O.T. Sta. 3003+17.53, on the N. and S. centerline of sec. 14, not monumented.
44.99	P.O.T. Sta. 3006+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., flush with the ground, with brass tablet mkd. mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 24 ins. above the ground, bears WNW, 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 3006+00.00 on the NW face.
67.72	P.O.T. Sta. 3021+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 12 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears W., 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 3021+00.00 on the NW face.

## Metes-and Bounds Survey through Sections 13, 14, and 15, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	a v
81.40	P.O.T. Sta. 3030+02.69 on the line between sections 13 and 14, hereinbefore described.
	From P.O.T. Sta. 3030+02.69, S. 79°52' E., beginning new measurement, on the southerly right-of-way of U.S. Interstate No. 10, through section 13.
12.69	P.O.T. Sta. 3038+40.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 28 ins. diam., flush with the ground, with brass tablet mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 25 ins. above the ground, bears WNW, 3.5 lks. dist., painted HWY R. OF W. on the NE face, the marks on the NW face are illegible.
	S. 10°08' W., right-of-way width increases from 200 ft. to 220 ft. from survey center line.
0.303	P.O.T. Sta. 3038+40.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 22 ins. diam., flush with the ground, mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 25 ins. above the ground, bears E., 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 3038+40.00 on the NW face.
	Cor. is located in at intersection of 5 strand barbed wire fences, bearing N. 10° E. and S. 80° E.
	S. 79°52' E., 220ft. from survey center line.
1.97	P.O.T. Sta. 3039+70.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 22 ins. diam., flush with the ground, mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 25 ins. above the ground, bears WNW, 2.5 lks. dist., painted HWY R. OF W. on the NE face and the NW face is illegible.
	Cor. is located at intersection of 5 strand barbed wire fences, bearing N. 10° E. and N. 80° W.
	N. 10°08' E., right-of-way width decreases from to 220 ft. from survey center line to 200 ft.
0.303	P.O.T. Sta. 3039+70.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 21 ins. diam., flush with the ground, mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 25 ins. above the ground, bears E., 4 lks. dist. Painted HWY R. OF W. on the NE face and P.O.T. 3039+70.00 on the NW face.

## Metes-and Bounds Survey through Sections 13, 14, and 15, T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona

	T. 3 N., R. 13 W., Gila and Salt River Meridian, Arizona
CHAINS	Cor. is located at intersection of 5 strand barbed wire fence, bearing S. 80° E. and S. 10° W.
	s. 79°52' E.
21.67	P.O.T. Sta. 3054+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 14 ins. diam., flush with the ground, mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears NW, 2.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 3054+00.00 on the NW face.
26.01	P.O.T. Sta. 3056+86.68, on the N. and S. centerline of sec. 13, not monumented.
44.39	P.O.T. Sta. 3069+00.00, monumented with a brass tablet, 3 ins. diam., set in a concrete cylinder, 10 ins. diam., flush with the ground, mkd. ARIZONA HIGHWAY DEPT. 19.
	A 4 in. angle iron, firmly set, projecting 23 ins. above the ground, bears WNW, 3.5 lks. dist., painted HWY R. OF W. on the NE face and P.O.T. 3069+00.00 on the NW face.
66.71	Station 3083+72.70, on the E. bdy. of the Tp., hereinbefore described.
	GENERAL DESCRIPTION
	The area surveyed is located on the Harquahala plain, approximately 35 miles easterly of Quartzite, and approximately 39 miles westerly of Tonopah, on the south side of U.S. Interstate No. 10. The terrain is nearly level and mainly supports creosote brush.
	Access to the township is provided by U.S. Interstate No. 10, taking exit 53, Hovatter Road, and then utilizing bladed roads.
	Steel fence posts were set at approximate 10 chain intervals along the lines delineating the boundaries of the parcel concerned.
	The mean magnetic declination of 10 3/4° E. was derived from the National Oceanic and Atmospheric Administration, online magnetic field calculator for the date of survey.
	w w v
	e e e e e e e e e e e e e e e e e e e

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

NAMES	CAPACITY
Mark R. Searles	Surveying Technician
	,
i .	
	I and the second

#### CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 9th day of August, 2019, I have dependently resurveyed a portion of the east boundary, and a portion of the subdivisional lines, subdivided sections 13, 14, and 15 and executed a metes-and-bounds survey through sections 13, 14 and 15, Township 3 North, Range 13 West, 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 Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

#### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary, and a portion of the subdivisional lines, the subdivision of sections 13, 14, and 15, and the metes-and-bounds survey through sections 13, 14 and 15, Township 3 North, Range 13 West, Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

examined and found correct, a	are hereby approved.
10/7/2019	
(Date)	(Chief Cadastral Surveyor of Arizona)
CE	RTIFICATE OF TRANSCRIPT
I CERTIFY That the foregoing t	transcript of the field notes of the above described
surveys in T. 3 N., R. 13 W., copy of the original field no	, Gila and Salt River Meridian, Arizona, is a true otes.
(Date)	(Chief Cadastral Surveyor of Arizona)