

ORIGINAL

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

FIELD NOTES

OF THE DEPENDENT RESURVEY OF  
A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTION 23,  
TOWNSHIP 7 NORTH, RANGE 17 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 25, 2016, approved August 25, 2016, which provided for the surveys included under Group No. 1161, and Assignment Instructions dated August 25, 2016.

**Survey commenced August 29, 2016**

**Survey completed August 31, 2016**

# INDEX DIAGRAM

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GILA & SALT RIVER MERIDIAN, ARIZONA

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## T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 23, Township 7 North, Range 17 West, Gila and Salt River Meridian, Arizona.

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

The survey of the subdivisional lines, Township 7 North, Range 17 West, Gila and Salt River Meridian, were surveyed by John F. Hesse, U.S. Surveyor, in 1909. (Book 2137)

There are numerous plats of surveys recorded at the La Paz County Recorder's office that have utilized the original stones recovered during this retracement, as well as the alum. cap set by persons unknown for the 1/4 sec. cor. of secs. 22 and 23.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions (2009), and the Special Instructions dated August 25, 2016, for Group No. 1161, Arizona.

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

The "standard monument" referred to in these notes is a stainless steel post, 28 ins. Long, 2 1/2 ins. diam., with a brass cap. Unless otherwise indicated, a magnet in a white plastic case is deposited at the base of the stainless steel post.

Geodetic control was derived from Global Positioning System (GPS) static post observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DM7870 AZLH LAKE HAVASU CITY CORS ARP, DL3182 AZFM FORT MOJAVE TRIBE CORS ARP and DN6065 AZYC YUCCA CORS ARP. The NAD 83 (2011) (EPOCH:2010), geographic position of the 1/4 section corner of sections 23 and 26, Township 7 North, Range 17 West, is as follows:

Latitude: 33°55'40.683" N.                      Longitude: 114°00'04.159" W.

The NAD 83 (2011) (EPOCH:2010), geographic position of the section corner of sections 14, 15, 22 and 23, Township 7 North, Range 17 West, is as follows:

Latitude: 33°56'32.982" N.                      Longitude: 114°00'35.432" W.

The mean magnetic declination is 11 1/4° E.

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Dependent Resurvey of A Portion of The Subdivisional Lines  
T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by  
John F. Hesse, 1909

Beginning at the 1/4 sec. cor. of secs. 14 and 23, monumented with a stone, 9 x 12 ins., firmly set, projecting 7 ins. above the ground, mkd. 1/4 on N face, and a washer, 1/2 in. diam., nailed in the top, from which a rebar, 3/4 in. diam., projecting 20 ins. above the ground, bears Northeasterly, 2.24 ft. dist., and with a scattered mound of stone N. of cor.

At the corner point

Set a standard monument, 25 ins. in the ground, with brass cap mkd.

T 7 N R 17 W

1/4  $\frac{S\ 14}{S\ 23}$

2016

Rebuild the mound of stone, 3 ft. base, 1 1/2 ft. high, N of cor., with the original stone, 15 x 15 x 18 ins., placed at the bottom S edge of mound.

N. 89°59' W., bet. secs. 14 and 23.

Over rolling terrain.

- 11.32 East wall of addition to house, bears N. and S. The NE cor. of the addition bears N., 5 1/2 lks. dist. from this point.
- 11.73 West wall of addition to house, bears N. and S. The NW cor. of the addition bears N., 6 lks. dist. from this point.
- 20.909 Local lot corner, monumented with an open ended pipe, 3/4 in. diam., projecting 2 ins. above the ground, with an open ended pipe, 1 1/2 ins. diam., projecting 6 ins. above the ground, bears S, 0.35 ft. dist., and a wood post, 6 x 8 ins., projecting 30 ins. above the ground, bears SE, 1.35 ft. dist.
- 24.143 Local lot corner, monumented with a rebar, 1/2 in. diam., projecting 1 in. above the ground, from which an open ended pipe, 3/4 in. diam., projecting 18 ins. above the ground, bears SW, 0.55 ft. dist.
- 27.48 East edge of pavement, Rayder Ave, bears S. 5° E. and N. 5° W.
- 27.96 West edge of pavement, Rayder Ave, bears S. 20° E. and N. 40° W.

Dependent Resurvey of A Portion of The Subdivisional Lines  
T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

## CHAINS

32.351 Local lot corner, monumented with an open ended pipe, 3/4 in. diam., projecting 2 ins. above the ground, from which a steel footing pin, 3/4 in. diam., projecting 12 ins. above the ground, bears SW, 0.30 ft. dist.

39.84 Dirt road, 12 ft. wide, bears N. and S.

40.077 The cor. of sec. 14, 15, 22 and 23, monumented with a stone, 8 x 10 ins., firmly set, projecting 4 ins. above the ground, mkd. with 2 grooves on the E face and 2 grooves on the S face.

At the corner point

Set a standard monument, 22 ins. in the ground, with brass cap mkd.

T 7 N R 17 W

S 15	S 14
S 22	S 23

2016

with new accessories

A brass washer, 1 1/2 ins. diam., nailed in the top of a wood post, 6 x 8 ins., projecting 6 ft. above the ground, bears N. 13°11' E., 93.2 lks. dist., mkd. BLM 2016.

A brass washer, 1 1/2 ins. diam., nailed in the pavement of Shauaro Dr., 1 ft. N of the S edge, with a PK nail, bears N. 77°43' E., 1.667 chs. dist., mkd. BLM 2016.

Bury the original stone, 10 x 13 x 17 ins., inverted, along North side of stainless steel post.

From this point, the 1/4 sec. cor. of secs. 22 and 23, monumented with an alum. cap, 3 ins. diam., set in concrete, 6 ins. diam., set 10 ins. below the ground, mkd. 1/4 22 23 T7N R17W 72 with other marks visible but not legible, perpetuated by persons unknown, bears S. 00°00'30" W., 40.043 chs. dist. Sheet 9 of 9, ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION RIGHT OF WAY PLAN OF THE JCT. SR 95 - HOPE HIGHWAY (SR 72) TEN MILE WELL - UTTING, BOUSE 072 LA 020 H3932 O1R S-265-802, indicates that this 1/4 cor. was "FND GLO B.C." (There is no record of the G.L.O. ever setting a brass cap at this point). There are numerous private plats recorded at the La Paz County Recorder's Office, which have utilized this corner, and have referred to it as YUMA CITY BC, 3" AL. CAP MARKED 22/23 YUMA CO. HIGHWAY DEPT. and 3" Cap in Concrete, Yuma County Highway Dept. This is accepted as the cor. position.

Cor. is located in a barbed wire fence, 4 strand, bears N. and S.

Subdivision of Section 23,  
T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 23 and 26, monumented with a stone, 7 x 10 ins., firmly set, projecting 4 ins. above the ground, mkd. with an X on the top and 1/4 on N face, with a mound of stone, 1 1/2 ft. base, 1 ft. high, E of cor.</p> <p>At the corner point</p> <p>Set a standard monument, 27 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 7 N R 17 W</p> <p>S 23</p> <p>1/4 ———</p> <p>S 26</p> <p>2016</p> </div> <p>Bury the original stone, 7 x 10 x 11 ins., inverted, along E side of stainless steel post.</p> <p>Set a steel "T-Post" fence post nearby to N of cor.</p> <p>From this point, a local corner, monumented with an iron post, 1 in. diam., concrete filled, with a brass washer embedded in the top, projecting 1 in. above the ground, mkd. LS 4686, bears N. 89°36' W., 37 1/2 lks. dist., with a rebar, 5/8 in. diam., projecting 31 ins. above the ground alongside.</p> <p>N. 0°06'30" E., on the N. and S. centerline of sec. 23.</p> <p>Over flat terrain, along the edge of a residential area.</p>
4.45	<p>South edge of pavement, Santa Fe Ave, bears S. 32° E. and N. 32° W. The SE cor. of the pavement bears S. 32° E., 74 lks. dist. from this point.</p>
5.14	<p>North edge of pavement, Santa Fe Ave, bears S. 30° E. and N. 30° W. The NE cor. of the pavement bears S. 32° E., 1.33 chs. dist. from this point.</p>
10.397	<p>Local lot corner, monumented with a rebar, 1/2 in. diam., projecting 3 ins. above the ground, with plastic cap mkd. RLS 14208.</p>
13.22	<p>Southeast wall of a Conex style metal container, bears N. 68° E. and S. 68° W. The SE cor. of the container bears N. 68° E., 11 lks. dist. from this point.</p>
11.73	<p>Northeast wall of the Conex style metal container, bears S. 22° E. and N. 22° W. The SE cor. of the container bears S. 22° E., 27 lks. dist. from this point.</p>

Subdivision of Section 23,  
T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	
18.14	Wire fence, bears N. 60° E. and S. 60° W. A cor. of the wire fence bears N. 60° E., 1.04 chs. dist.
20.54	Southwest wall of trailer, bears S. 30° E. and N. 30° W.; thence S. 30° E., 16 lks. dist. to the most southerly cor. of the trailer, thence N. 60° E., 34 1/2 lks. dist. to the most easterly cor. of the trailer, thence N. 30° W., 25 1/2 lks. dist. to the most northerly cor. of the trailer.
20.645	Northwest wall of trailer, bears N. 60° E. and S. 60° W.; thence N. 60° E., 29 1/2 lks. dist. to the most northerly cor. of the trailer.
22.79	Wire fence, bears S. 12° E. and N. 12° W. A cor. of the wire fence bears S. 12° E., 4.22 chs. dist.
24.70	South end of chain link fence, bears N. 6° E.
27.38	North end of chain link fence, bears S. 6° W.
29.88	Rayder Ave., a dirt road, 12 ft. wide, bears SE and NW.
34.75	Easterly wall of shed, bears N. 33° E. and S. 33° W. The NE cor. of the shed bears N. 33° E., 14 1/2 lks. dist. from this point.
34.92	Northerly wall of shed, bears S. 57° E. and N. 57° W. The NE cor. of the shed bears S. 57° E., 9 1/2 lks. dist. from this point.
36.79	Fence, bears N. 57° E. and S. 57° W.; thence N. 57° E., 1.24 chs. dist. to a cor. of the fence, thence S. 20° E., 2.28 chs. dist. to a cor. of the fence, thence S. 23° W., 1.55 chs. dist. to the end of the fence.
37.08	Southeasterly edge of pavement, Main Street, bears N. 57° E. and S. 57° W. The SE cor. of the pavement bears N. 57° E., 1.54 chs. dist. from this point.
37.52	Northwesterly edge of pavement, Main Street, bears N. 57° E. and S. 57° W. The NE cor. of the pavement bears N. 57° E., 1.31 chs. dist. from this point.
38.00	Wire fence, bears N. 57° E. and S. 57° W. A cor. of the fence bears N. 57° E., 86 1/2 lks. dist. from this point.
39.62	Wire fence, bears N. 61° E. and S. 61° W. A cor. of the fence bears N. 61° E., 35 lks. dist. from this point.
40.040	Point for the center 1/4 sec. cor. of sec. 23, at intersection with the E. and W. centerline, occupied with a rebar, 3/4 in. diam., flush with the ground, from which a 60D nail bears S., 0.13 ft. dist., and a nail, 8 ins. long, bears N., 0.10 ft. dist.
	At the corner point

Subdivision of Section 23,  
T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a standard monument, 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 7 N R 17 W</p> <p style="text-align: center;">C 1/4 S23</p> <p style="text-align: center;">2016</p> <p>Deposit the rebar, 24 ins. long, and the two nails, inside the stainless steel post.</p> <p>From this point, the 1/4 sec. cor. of secs. 22 and 23, hereinbefore described, bears N. 89°58'00" W., 40.009 chs. dist.</p> <p>Cor. is located in the fenced back yard of a local residence.</p>
40.64	<p>Wire fence, bears N. 74° E. and S. 74° W. A cor. of the fence bears N. 74° E., 2 1/2 lks. dist. from this point.</p> <p>Across gently rolling terrain.</p>
65.467	<p>Local lot corner, monumented with an open ended pipe, 1 in. diam., projecting 5 ins. above the ground, with a steel "T-Post" fence post nearby.</p>
75.95	<p>Easterly roof line of a wrap around porch, bears N. 10° E. and S. 10° W. The NE cor. of the roof line of the wrap around porch bears N. 10° E., 46 lks. dist. from this point.</p>
76.42	<p>Northerly roof line of a wrap around porch, bears S. 80° E. and N. 80° W. The NE cor. of the roof line of the wrap around porch bears S. 80° E., 7 1/2 lks. dist. from this point.</p>
77.505	<p>Easterly roof line of a shed, bears N. 10° E. and S. 10° W. The NE cor. of the shed roof line bears N. 10° E., 5 lks. dist. from this point.</p>
77.555	<p>Northerly roof line of a shed, bears S. 80° E. and N. 80° W. The NE cor. of the shed roof line bears S. 80° E., 1 lk. dist. from this point.</p>
80.097	<p>The 1/4 sec. cor. of secs. 14 and 23, hereinbefore described.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 23 and 24, monumented with a stone, 12 x 18 ins., firmly set, projecting 11 ins. above the ground, mkd. with an X on the top and 1/4 on W face, with a scattered mound of stone, W. of cor. and a wood post 5 x 7 ins., projecting 4 1/2 ft. high, E. of cor.</p> <p>At the corner point</p>



Subdivision of Section 23,  
T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona

## CHAINS

Set a standard monument, 27 ins. in the ground, with brass cap mkd.

T 7 N R 17 W

1/4

S 23 | S 24

2016

Rebuild the mound of stone, 3 ft. base, 1 1/2 ft. high, W of cor., with the original stone, 12 x 18 x 22 ins., placed at the bottom E edge of mound.

N. 89°58'00" W., on a portion of the E. and W. centerline of sec. 23.

Over gently rolling terrain.

39.877

The center 1/4 sec. cor. of sec. 23.

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GENERAL DESCRIPTION

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The purpose of this survey is to define the boundaries of the Bureau of Land Management land along the N-S centerline of section 23 and the west half of the section line between sections 14 and 24, and to temporarily mark the boundaries with lath and ground nails for a fencing project in the near future.

This survey is located along the easterly edge of Bouse, Arizona. Access is by way of State Route 72.

Local corners were tied to if located near recovered corners, or conveniently found while walking line, but not all local corners on line may have been located or tied to.

The elevation is between 925 to 995 ft. above sea level.

The mean magnetic declination of 11 1/4° 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.

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CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 25th day of August, 2016, I have dependently resurveyed a portion of the subdivisional lines, and subdivided section 23, T. 7 N., R. 17 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 Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

MAY 23 2017  
(Date)

Craig S. Dukart  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 23, T. 7 N., R. 17 W., 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.

June 29, 2017  
(Date)

[Signature]  
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 7 N., R. 17 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~\_\_\_\_\_  
(Date)~~

~~\_\_\_\_\_  
(Chief Cadastral Surveyor of Arizona)~~