T. 15 S., R. 4 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of the subdivision of sections 3 and 10, Township 15 South, Range 4 West, of the Gila and Salt River Meridian, Arizona.

The north boundary of the township and a portion of the subdivisional lines were surveyed by W. H. Thorn and H. M. Muscott, in 1918. The subdivision of sections 3 and 10 was surveyed by Francis E. Joy, in 1933.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947 and 1973, and the Special Instructions dated April 5, 1972, for Group No. 552, Arizona.

Preliminary to this resurvey, search was made for all corners and other calls of the record. All corners needed to complete this survey were recovered and found in good condition. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of the lines were determined by solar and polaris observations and they refer to the true meridian.

The geographic position of the 1/4 section corner of sections 10 and 15, as scaled from the U. S. Geological Survey quadrangle map, MT. AJO, ARIZONA, 1963, is as follows:

Latitude 32° 07.7' N. Longitude 112° 40.0' W.

The mean magnetic declination is  $13\frac{1}{2}^{\circ}$  E.

Dependent Resurvey of the Subdivision of Section 3 T. 15 S., R. 4 W., Gila and Salt River Meridian, Arizona

Restoring the Survey Executed by Francis E. Joy, in 1933

Beginning at the 1/4 sec. cor. of secs. 3 and 10, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with a mound of stone, 2 ft. base, 1 ft. high, N. of cor., with brass cap mkd.

$$\frac{1/4}{\frac{S}{S}} \frac{3}{10} \frac{P}{I}$$

1933

I add marks T15S R4W OPCNM and 1972 to brass cap.

Cor. is located at cor. of fences extending N. and SW.

Dependent Resurvey of the Subdivision of Section 3 T. 15 S., R. 4 W., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0° 04' E., on the N. and S. center line of sec. 3.
	Over gently rolling land, through moderate undergrowth, along a fence, bears N. and S.
21.90	Top of rocky ridge, bears E. and W.; there is evidence of mining activity in this area.
40.01	The C 1/4 sec. cor. of sec. 3, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.
	S 3 C 1/4 PIR
	1933
	Cor. is located in fence, bears N. and S.
	N. 0° 04' E., beginning new measurement.
	Over gently rolling land, through moderate undergrowth, along a fence, bears N. and S.
40.10	The 1/4 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above ground, with a mound of stone, 2 ft. base, 1 ft. high, N. of cor., with brass cap mkd.
	PIR
	$1/4 \qquad \frac{s}{s} \frac{34}{3}$
	1933
	I add marks T14S R4W OPCNM T15S and 1972 to brass cap.
	Cor. is located 6 lks. W. of a fence, extends S. and W.
	Dependent Resurvey of the Subdivision of Section 10 T. 15 S., R. 4 W., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, supported with a mound of stone, 2 ft. base, to top, with a mound of stone, 2 ft. base, 2 ft. high, N. of cor., with brass cap mkd.
	$1/4 \qquad \frac{\text{S } 10}{\text{S } 15}$
	1918

	De	pend	ent	Re	esur	vey o	of t	he	Subc	livisi	on o	f Sect:	ion 10
T.	15	S.,	R.	4	W.,	Gila	a an	d S	alt	River	Mer	idian,	Arizona

		1. 15 S., R. 4 W., Gila and Salt River Meridian, Arizona
	CHAINS	
		I add marks T15S R4W OPCNM and 1972 to brass cap.
		Cor. is located on a steep rocky S. slope.
		N. 0° 08' E., on the N. and S. center line of sec. 10.
	·	Ascend over steep rocky S. slope, through light under- growth.
	3.60	Spur, slopes E.; descend over steep rocky NE slope.
	32.00	Bottom of steep descent, edge bears E. and W.; thence over gently rolling land.
	39.98	The C 1/4 sec. cor. of sec. 10, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with a mound of stone, 2 ft. base, 2 ft. high, W. of cor., with brass cap mkd.
		S 10 C 1/4 PIR
		1933
		N. 0° 04' E., beginning new measurement.
		Over gently rolling land, through moderate undergrowth.
	10.00	Kuakatch Wash, dry, 700 1ks. wide, drains W.
	40.01	The 1/4 sec. cor. of sec. 3 and 10.
		General Description
		The lands included in the notes of the foregoing survey are located about 20 miles southeast of Ajo, Arizona.
		The lines resurveyed are a portion of the boundary between the Papago Indian Reservation and the Organ Pipe Cactus National Monument. Elevations range from about 3000 feet sea level to about 2100 feet above sea level, the highest point being near the 1/4 sec. corner of sections 10 and 15. The area is drained by Kuakatch Wash and a few of its tributaries.
		Access into the area is by way of a few gravel and dirt roads which branch from State Highway Number 86.
		Soil in the area is rocky and sandy clay loam. Vegetation consists of greasewood, iron wood, mesquite, cholla, and ocotillo.
		There was evidence of mining activity along the lines resurveyed. The old town of Kuatach is located in the center east of section 10.
		The average of a few readings along the lines resurveyed gives a value of $13\frac{1}{2}^{\circ}$ for the mean magnetic declination. There is a range of $1\frac{1}{2}^{\circ}$ in local attraction.
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Form 9180-8 (March 1969)

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

#### FIELD ASSISTANTS

FIELD ASSISTANTS					
NAMES	CAPACITY				
Dale C. Wilson	Surveying Aid				
Jerome A. McKay	Surveying Aid				
Daniel J. Warren	Surveying Aid				
Christopher N. Africa	Surveying Aid				
William C. Gabonay	Surveying Aid				
Troy D. Hudspeth	Surveying Aid				
<b>*************************************</b>					

CERTIFICATE OF SURVEY (I) (\(\forall e'\), Gilbert V. Olson , HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day , 19 72 , (I) (W/) have dependently resurveyed the subdivision of sections 3 and 10, Township 15 South, Range 4 West, Gila and Salt River Arizona Meridian, in the State of , which of the are represented in the foregoing field notes as having been executed by (me), (ub) and under (my) (out) direction; and that 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, and in specific manner described in the foregoing field notes.

August 17, 1977	John V. Qhom	
(Date)	(Cadastral Surveyor) GILBERT V. OLSON	
(Date)	(Cadastral Surveyor)	

#### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the dependent resurvey of the subdivision of sections 3 and 10, Township 15 South, Range 4 West, of the Gila and Salt River Meridian, Arizona,

Gilbert V. Olson, Cadastral Surveyor, executed by having been critically examined and found correct, are hereby approved.

JAN 1 3 1978	Roger T. Barron
(Date)	Acting (Chief, Division of Cadastral Survey)
CER	TIFICATE OF TRANSCRIPT
I CERTIFY That the foregoing tran	escript of the field notes of the above-described surveys in
	, is a true copy of the original field notes.

Form 9180-6 (April 1974)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD NOTES

OF THE	
DEPENDENT RESURVEY OF THE SUBDIVISION OF	
SECTIONS 3 AND 10	_
TOWNSHIP 15 SOUTH, RANGE 4 WEST	
	· · · · · · · · · · · · · · · · · · ·
Of theGILA AND SALT RIVER	
In the State of ARIZONA	Meridian,
in the state of	•
EXECUTED BY	
GILBERT V. OLSON CADASTRAL SURVEYOR	
Under special instructions dated <u>APRIL 5</u> , 19 <u>72</u> , approved <u>APRIL 2</u>	4, 1972,
, which provided for the surveys included under 📆	XXXXXXXXXGroup
Number, and assignment instructions datedNOVEMBER 13	, 19
Survey commenced NOVEMBER 17 , 19 72	

Survey completed <u>JUNE 1</u>, 19\_77

B00K 5043

## INDEX DIAGRAM

Townsh	ip15 SOU	TH	, Range	4 WEST	,
6	5	4	8	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	84	35	36

Subdivision of section 3 . . . pages 1 - 2 Subdivision of section 10 . . . pages 2 - 3