

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE

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CORRECTIVE DEPENDENT RESURVEY OF

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A PORTION OF THE

---

SUBDIVISIONAL LINES,

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TOWNSHIP 13 NORTH, RANGE 20 WEST,

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Of the Gila and Salt River Meridian,  
In the State of Arizona

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EXECUTED BY

Stephen J. Malloy, Cadastral Surveyor

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Under Special Instructions dated and approved January 13, 1986, and Supplemental Special Instructions dated and approved July 18, 1996, which provided for the surveys included under Group Number 675, and assignments instructions dated July 18, 1996.

Survey commenced July 31, 1996

Survey completed August 1, 1996

INDEX DIAGRAM

TOWNSHIP 13 NORTH, RANGE 20 WEST,

6	5	4	3	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	34	35	36

## T. 13 N., R. 20 W., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the corrective dependent resurvey of a portion of the subdivisional lines, Township 13 North, Range 20 West, Gila and Salt River Meridian, Arizona.

The history of surveys is as follows: the subdivisional lines were surveyed by Albert Smith Jr. and J. M. McKinney Jr. in 1915, and a portion of the subdivisional lines were dependently resurveyed by Stephen J. Malloy in 1986.

It was brought to the attention of this office by representatives of the Arizona State Land Department by letter dated July 1, 1996 that a blunder may have occurred during the 1986 dependent resurvey in the reestablishment of the 1/4 sec. cor. of secs. 20 and 21. The corrected position of this corner along with a new tie to AP1, lot 5 (created during the 1986 resurvey), Sec. 20, are contained in the following field notes and depicted on the plat of this corrective dependent resurvey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 13, 1986, and Supplemental Special Instructions dated July 18, 1996, for Group No. 675, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and a search was made for all corners and other calls of the record. Lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Topcon GTS-3B total station instrument.

The mean magnetic declination, as shown on U.S.G.S. topographic map "LAKE HAVASU CITY SOUTH, ARIZ.-CALIF.", is 14° E.

Corrective Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 13 N., R. 20 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Albert Smith Jr. and J. M. McKinney Jr. in 1915, correcting a portion of the dependent resurvey executed by Stephen J. Malloy in 1986</p> <hr style="width: 20%; margin: auto;"/>
	<p>Beginning at the cor. of secs. 16, 17, 20 and 21, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground with brass cap mkd. T13N R20W S17 S16 S20 S21 1986</p>
	<p>Cor. is located 183 lks. W. of a paved road, bears NE and SE, in a curve.</p>
	<p>S. 0°02' E., on record bearing, bet. secs. 20 and 21.</p>
24.10	<p>Center line of abandoned airport runway, 165 lks. wide, bears NE and SW.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 20 and 21, at record dist., there is no remaining evidence of the original cor. The cor. point falls at a position occupied by an ornamental palm tree, 18 ins. diam., in a man-made landscaped common area of a privately owned trailer park and is impracticable to be mkd. as the cor. monument.</p> <p>From this cor. point, the monument established in 1986, bears N. 89°43' W., 9.0 ft. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, 4 ins. below the surface of the ground with brass cap mkd. T13N R20W 1/4 S20 S21 1986. This monument is now utilized as a reference monument. Add the mks. RM 9 ft. TO COR. 1996 and an arrow pointing to the cor. position to the brass cap. The reference monument is located in the same landscaped area as the cor.</p> <p>From this same cor. point, AP1, lot 5, sec. 20, bears S. 15°39' W., 12.95 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the surface of a graveled parking lot, with brass cap mkd. T13N R20W S20 AP1 LOT 5 1986.</p>
	<p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/>
	<p>This survey is located on a man-made island in Lake Havasu City, Arizona. The average elevation is 480 feet above sea level. Access is by way of McCulloch Boulevard over the London Bridge. The soil is rocky clay. The vegetation mainly consists of creosote and cacti. There is no mineral activity noted. The area is used extensively for recreation and water sports.</p>

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Mark R. Searles	Surveying Technician
W. William Foster	Surveying Technician

## CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 13th day of January, 1986, and Supplemental Special Instructions bearing date of the 18th day of July, 1996, I have correctively dependently resurveyed a portion of the subdivisional lines, Township 13 North, Range 20 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; and that said survey has been made in strict conformity with said special instructions, supplemental 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.

10/14/97  
(Date)

Stephen J. Malloy  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the corrective dependent resurvey of a portion of the subdivisional lines, Township 13 North, Range 20 West, Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

OCT 29 1997

(Date)

Kenny D. Ravnikar  
(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. 13 N., R. 20 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~