

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

A METES AND BOUNDS SURVEY

OF TRACT 39,

IN

UNSURVEYED TOWNSHIP 11 SOUTH, RANGE 15 EAST

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

EXECUTED BY
Stephen K. Hansen, Cadastral Surveyor

Under Special Instructions dated November 10, 1992, approved November 10, 1992,
and Supplemental Special Instructions dated January 24, 1994, approved January 25, 1994,
which provided for the surveys included under Group Number 746 and assignment
instructions dated January 25, 1994.

Survey commenced January 27, 1994

Survey completed January 27, 1994

INDEX DIAGRAM

TOWNSHIP 11 SOUTH, RANGE 15 EAST,

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T. 11 S., R. 15 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the metes-and-bounds survey of Tract 39, in unsurveyed Township 11 South, Range 15 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: W. B. Alexander surveyed a portion of the east boundary in 1905-06. Sidney E. Blout, Benjamin J. Kinsey and Charles E. Hunter completed the survey of the east boundary in 1926-27. Mineral Survey No. 4331 was surveyed by Ralph L. Motz in 1938. Stephen K. Hansen resurveyed a portion of the east boundary and surveyed Tract 37 and 38 in 1992-93.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 10, 1992, and the Supplemental Instructions dated January 24, 1994, for Group No. 746, Arizona.

The survey was performed at the request of James R. Abbot, Forest Supervisor, United States Forest Service, in a letter dated January 19, 1994. The purpose of this survey was to facilitate a land exchange.

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 Lietz Set 4A electronic instrument.

The geographic position of Angle Point Number 2, Tract 39, identical with Angle Point Number 3, Tract 37, and also identical with Corner 2, Catalina 4, Mineral Survey 4221, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "Summerhaven 1936", located in the northeast quarter of section 30, T. 11 S., R. 16 E., is as follows:

Latitude: 32°26'22.35" N. Longitude: 110°45'50.03" W. NAD 27.

The mean magnetic declination as taken from quadrangle map Mt. Lemmon, ARIZ., published in 1981 by U.S. Geological Survey, is 1 1/2° E.

Metes-and-Bounds Survey of Tract 39,
T. 11 S., R. 15 E., Gila and Salt River Meridian, Arizona

CHAINS

Beginning at the point for AP 2, Tract 39, identical with AP 3, Tract 37, and also identical with cor. 2, Catalina 4, MS 4221, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, encircled with a collar of stone, with brass cap mkd. T11S R15E MS4221 CAT4 C2 TRACT 37 AP3 S36 1993, from which an original bearing tree

A root hole, bears S. 48° E., 23 lks. dist., with fallen fir, 10 ins. diam., alongside, with healed blaze. (Record: S. 48°02'E., 15.5 ft. dist.)

and bearing trees described in 1992-93

A fir, 24 ins. diam., bears S. 60 1/2° E., 43.5 lks. dist., with healed blaze.

A pine, 11 ins. diam., bears S. 29 1/4° W., 43 lks. dist., with healed blaze.

Add the marks AP2 TRACT 39 1994 on brass cap.

From this cor. point, the point for AP 1, Tract 39, identical with AP 4, Tract 37, on the line bet. secs. 31 and 36, on the E. bdy. of the TP., bears S. 70°44' E., 5.86 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T11S R15E R16E TRACT 37 AP4 S31 S36 1993. Add the marks AP1 TRACT 39 1994 on brass cap.

From this same cor. point, U.S. Coast and Geodetic Survey Triangulation station "Summerhaven 1936", with published latitude of 32°27'12.347" N. and longitude of 110°45'10.740" W., NAD27, bears N. 33°40.6' E., (forward bearing), 92.03 chs. dist., monumented with a standard brass disk, 3 1/4 ins. diam., cemented flush with the surface of granite bedrock, with top of disk mkd. SUMMERHAVEN 1936 and a triangle.

S. 36°49' E., on line 2-3, Tract 39.

9.25

Point for AP 3, Tract 39, identical with the N. 1/16 sec. cor. of secs. 31 and 36, on the E. bdy of the Tp., monumented with a stainless steel pipe, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T11S R15E R16E N1/16 S36 S31 1993, from which bearing trees described in 1992-93

A fir, 18 ins. diam., bears S. 14° E., 23.5 lks. dist., with healed blaze.

Metes-and-Bounds Survey of Tract 39,
T. 11 S., R. 15 E., Gila and Salt River Meridian, Arizona

CHAINS

A pine, 8 ins. diam., bears S. 28° E., 4.5 lks. dist., mkd BT1 on opened blaze.

A pine, 12 ins. diam., bears S. 65 1/2° W., 38.5 lks. dist., with healed blaze.

Add the marks 1994 on brass cap.

From this cor. point, AP 1, Tract 39, identical with AP 4, Tract 37, bears N. 0°05' W., 5.47 chs. dist.

GENERAL DESCRIPTION

The land encompassed in this survey is located about 11 miles southerly of Oracle, Az., and 25 miles northeasterly of Tucson, Az., near the town of Summerhaven. Elevations range from about 7000 to 7500 ft. above sea level.

Access is provided by Mt. Lemmon Highway via Tucson, and Oracle Control Road via Oracle. There are numerous subdivision roads in the vicinity.

There are thick stands of timber, predominantly pine, with scattered stands of fir and oak.

No recent mining activity was noted.

The principal use of the area is outdoor recreation. There are numerous year round residences and summer homes in the area.

UNITED STATES
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BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 10th day of November, 1992, and the Supplemental Special Instructions bearing date of January 24, 1994, I have performed the metes-and-bounds survey of Tract 39, in unsurveyed Township 11 South, Range 15 East, 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, 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.

2/3/1994

(Date)

Stephen K. Hansen

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the metes-and-bounds survey of Tract 39, in unsurveyed Township 11 South, Range 15 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

FEB 4 1994

(Date)

James P. Kelly

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in unsurveyed T. 11 S., R. 15 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~~~(Chief Cadastral Surveyor of Arizona)~~