



BOOK 5339

INDEX DIAGRAM

TOWNSHIP 4 NORTH, RANGE 17 EAST,

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

Tract 37

PP 4-7

## BOOK 5339

T. 4 N., R. 17 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the metes-and-bounds survey of tract 37 in unsurveyed Township 4 North, Range 17 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: Roy J. Gill resurveyed a portion of the west boundary of the White Mountain Indian Reservation in 1917.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 23, 1991, for Group No. 736, Arizona.

The purpose of this survey was to facilitate a United States Forest Service 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 Topcon GTS-3B total station instrument.

The geographic position of angle point 4, Tract 37, was determined by the technique of differential positioning using the Ashtech MXII Geodetic System. Second order United States Coast and Geodetic Survey Triangulation Station "HWY 60 1938" was used as the control station. Coordinates refer to the top of the monument. The elevation is an approximation and is provided for informational purposes, only.

	Latitude	Longitude	Elevation
NAD27	33°38'22.77" N.	110°36'16.31" W.	5,024 ft.

The mean magnetic declination as taken from quadrangle map CHRYSOTILE, ARIZ., published in 1966 by United States Geological Survey, is 13 1/2° E.

## BOOK 5339

Metes-and-Bounds Survey of Tract 37,  
T. 4 N., R. 17 E., Gila and Salt River Meridian, Arizona

## CHAINS

Beginning at the point for A.P. 1

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,  
22 ins. in the ground, with brass cap mkd.

T4N R17E

AP 1
TR 37
1991

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case  
beneath the stainless steel post.

Set a steel fence post near the cor.

From this cor. point, the 10 mile cor. on the W. bdy. of the  
White Mountain Indian Reservation, bears S. 54°07' E.,  
262.72 chs. dist., monumented with an iron post, 3 ins. diam.,  
firmly set, projecting 15 ins. above ground, with a mound of  
stone, 4 ft. base, 2 ft. high, to SE, with brass cap mkd.

	10M	
PL	/	WMIR
		AWB
		1915

from which the remaining bearing trees

An oak, 13 ins. diam., bears S. 48° E., 54 lks.  
dist., with healed blaze.

An oak stump, 9 ins. diam., bears N. 36° W., 35 lks.  
dist., no marks visible.

Not remonumented

S. 88°00' W., on line 1-2.

Over rolling land.

2.10 Wash, 20 lks. wide, drains SW.

9.60 Wash, 40 lks. wide, drains SE.

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Metes-and-Bounds Survey of Tract 37,  
T. 4 N., R. 17 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 15.50</p>	<p>Point for A.P. 2</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 9 ins. in the ground, to bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T4N R17E</p> <div style="text-align: center; border: 1px solid black; padding: 2px; display: inline-block;">       AP 2 TR 37     </div> <p style="text-align: center;">1991</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 2°00' E., on line 2-3</p> <p>Over rolling land.</p>
<p>11.60</p>	<p>Wash, 30 lks. wide, drains SSE.</p>
<p>14.10</p>	<p>Point for A.P. 3</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T4N R17E</p> <div style="text-align: center; border: 1px solid black; padding: 2px; display: inline-block;">       AP 3 TR 37     </div> <p style="text-align: center;">1991</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 88°00' E., on line 3-4</p>

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Metes-and-Bounds Survey of Tract 37,  
T. 4 N., R. 17 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over rolling land.
3.15	Wash, 30 lks. wide, drains SSE.
4.44	Barbed wire fence, 5 strand, bears SSE and NNW.
6.69	Graded dirt road, 27 lks. wide, bears NNE and SSW.
15.50	Point for A.P. 4
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	<div style="text-align: center;">           T4N R17E            AP 4            TR 37            _____            1991         </div>
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	From this cor. point, U.S. Coast and Geodetic Survey triangulation station "HWY. 60", with published latitude of 33°35'42.029" N. and longitude of 110°38'24.608" W., NAD27, bears S. 33°44' W., 296.08 chs. dist., monumented with a standard brass tablet, 3 1/2 ins. diam., set in a concrete block, 12 ins. square, firmly set 4 ins. above ground, with top mkd. HWY 60 1938 and a triangle.
	<hr style="width: 30%; margin: 0 auto;"/> N. 2°00' W., on line 4-1
	Over rolling land.
5.94	Track road, bears ENE and WSW.
7.35	Wash, 15 lks. wide, drains W.

**BOOK 5339**

Metes-and-Bounds Survey of Tract 37,  
T. 4 N., R. 17 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 14.10</p>	<p>A.P. 1, point of beginning.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located about 23 miles north northeast of Globe, Arizona. The elevation is approximately 5000 ft. above sea level.</p> <p>The soil consists of rocky and sandy clay loam of which is covered with catclaw, mesquite, scrub oak, juniper, cottonwood, manzanita and various cacti.</p> <p>Access is by way of Arizona Highway 77 and U.S. Highway 60, and an improved graded dirt road.</p> <p>The mean magnetic declination is 13 1/2° E.</p> <hr/>
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BOOK 5339

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Gordon R. Bubel, Jr.	Surveying Technician
Ted E. Cazier	Surveying Technician

## CERTIFICATE OF SURVEY

I, Gary D. Knoff, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 23rd day of August, 1991, I have surveyed a metes-and-bounds survey of Tract 37 in unsurveyed Township 4 North, Range 17 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.

10/29/1991

(Date)

Gary D. Knoff

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the survey of a metes-and-bounds survey of Tract 37 in unsurveyed Township 4 North, Range 17 East, Gila and Salt River Meridian, Arizona, executed by Gary D. Knoff, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 3 1991

(Date)

James P. Kelley

(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. 4 N., R. 17 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~