

Form 9180-6
(April 1965)
(formerly 4-679)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF

THE EAST BOUNDARY AND SUBDIVISION LINES

AND

THE SURVEY OF TRACT NO. 37

TOWNSHIP 12 NORTH, RANGE 8 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA.

EXECUTED BY

RAY HARPIN

CADASTRAL SURVEYOR

Under special instructions dated May 19, 1971, which provided for the surveys included under Group Number 529, approved June 4, 1971, and assignment instructions dated June 4, 1971.

Survey commenced June 4, 1971

Survey completed June 17, 1971

189

BOOK 4917

INDEX DIAGRAM

Township 12 North, Range 8 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 4 4 2
30	29	28	27	26	25
31	32	33	34	35	36

Township 12 North, Range 8 East
Gila and Salt River Meridian, Arizona

CHAINS

A History of Previous Surveys: The south and west boundaries were surveyed as the boundary of the Black Mesa Forest Reserve by W. H. Thorn, U. S. Surveyor, in 1903. The east boundary and the south half of the subdivision lines, with the exception of sections 23 and 24, were surveyed by Jesse B. Wright, U. S. Deputy Surveyor, in 1905. The north half of the township and sections 23 and 24 remain unsurveyed. Certain section and 1/4 section corners in this area were remonumented by Howard H. Thomas, Cadastral Surveyor, in 1968.

The following field notes are those of the dependent resurvey of portions of the east boundary and subdivision lines and the survey of Tract No. 37 in Township 12 North, Range 8 East, Gila and Salt River Meridian, Arizona. Tract No. 37 is a rectangular parcel of National Forest land to be patented as part of a land exchange. It coincides with what would be the east half of the southeast quarter of section 24 if surveyed.

Before restoring the corners, the lines of the original surveys were retraced and a diligent search made for any evidence of the original corners, and calls of the original field note records. When duly identified, the corner positions were remonumented and new accessories obtained.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the special instructions dated May 19, 1971.

The directions of all lines of this survey were determined by direct altitude observation on the sun for azimuth and carried forward by normal transit traverse. Distances are expressed in chains, reduced to horizontal equivalents.

The data furnished with the special instructions give the geographic position of the corner of sections 19, 24, 25, and 30, Townships 12 North, Ranges 8 and 9 East, as: Latitude $34^{\circ} 24.2'$ N., and Longitude $111^{\circ} 27.0'$ W., mean magnetic declination 14° East.

Dependent Resurvey of a Portion
of the East Boundary
Township 12 North, Range 8 East
Gila and Salt River Meridian, Arizona

Reestablishment of the Survey Executed by
Jesse B. Wright, U. S. Deputy Surveyor, in 1905
and Remonumented by Howard H. Thomas,
Cadastral Surveyor, in 1968.

Beginning at the cor. of secs. 19, 24, 25, and 30, Tps. 12 N., Rs. 8 and 9 E., designated as Angle Point No. 4 of Tract No. 37, monumented by an iron post, $2\frac{1}{2}$ ins. diam., firmly set with 8 ins. projecting above the ground, in a collar of stone, with brass cap mkd.

Dependent Resurvey of a Portion
of the East Boundary
Township 12 North, Range 8 East
Gila and Salt River Meridian, Arizona

CHAINS

T12N	
R8E	R9E
<u>S 24</u>	<u>S 19</u>
S 25	S 30

1968

from which the 1905 survey bearing trees:

An oak, 16 ins. diam., bears N. 80° E., 21 lks. dist.,
(Record, N. 74° E., 22 lks.) scribe marks illegible;
rescribe the tree T12N R9E S19 BT.

An oak, 8 ins. diam., bears S. 29° E., 97 lks. dist.,
(Record) scribe marks illegible; rescribe the tree
T12N R9E S30 BT.

A pine, 18 ins. diam., bears S. 75° W., 9 lks. dist.,
(Record, S. 71¼° W.) mkd. T12N R8E S25 BT.

and a new bearing tree:

A juniper, 6 ins. diam., bears N. 33¼° W., 22 lks.
dist., mkd. AP 4 TR 37 BT.

Unable to add marking for Tract No. 37 to the brass cap.

N. 0° 08' W., between secs. 19 and 24.

Over rolling terrain, ascending a general SE. slope,
through pine, oak, and juniper timber, along a N-S. fence
line.

40.13 The 1/4 sec. cor. of secs. 19 and 24, designated as Angle
Point No. 1 of Tract No. 37, monumented by an iron post,
2½ ins. diam., set firmly in the ground with a collar of
stone to the top. The marks AP 1 TR 37 are added to the
brass cap so it now reads

T12N	
R8E	R9E
¼	
<u>S 24</u>	<u>S 19</u>
AP 1	
TR 37	

1968

from which the 1968 remonumentation bearing tree:

A cedar, 7 ins. diam., bears N. 46° W., 23 lks. dist.,
mkd. T12N R8E 1/4 S24 BT. (Record)

No other suitable trees within limits.

The corner is situated in a N-S. fence line.

Dependent Resurvey of a Portion
of the Subdivision Lines
Township 12 North, Range 8 East
Gila and Salt River Meridian, Arizona

Reestablishment of the Survey Executed by
Jesse B. Wright, U. S. Deputy Surveyor, in 1905

Dependent Resurvey of a Portion
of the Subdivision Lines
Township 12 North, Range 8 East
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 19, 24, 25, and 30, on the E. boundary of the township, hereinbefore described.</p> <p>S. 89° 57' W., between secs. 24 and 25.</p> <p>Ascend gradual SE. slope, through pine, oak, and juniper timber.</p>
17.90	<p>Gulch, course SE.</p>
20.06	<p>Point for the E 1/16 sec. cor. of secs. 24 and 25, designated as Angle Point No. 3 of Tract No. 37, at proportionate distance.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	$\begin{array}{r} \text{T12N R8E} \\ \text{E 1/16 } \frac{\text{S 24}}{\text{S 25}} \left \begin{array}{l} \text{TR 37} \\ \text{AP 3} \end{array} \right. \\ \hline \end{array}$ <p style="text-align: center;">1971</p>
	<p>from which</p> <p>An oak, 7 ins. diam., bears N. 31° E., 35 lks. dist., mkd. TR 37 AP 3 BT.</p> <p>A juniper, 8 ins. diam., bears S. 87½° E., 17 lks. dist., mkd. E 1/16 S25 BT.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, NE. of the corner.</p>
40.12	<p>The 1/4 sec. cor. of secs. 24 and 25, monumented by a sandstone, 20x16x4 ins., mkd. 1/4 on the N. face, set firmly in the ground, with a mound of stone, 4 ft. base, 1½ ft. high, N. of the corner, substantiated by an original bearing tree:</p> <p>A juniper, 10 ins. diam., bears S. 54 3/4° W., 60 lks. dist., mkd. 1/4 S BT (Record, S. 68° W., 59 lks.)</p> <p>At the corner point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p>
	$\begin{array}{r} \text{T12N R8E} \\ \frac{1}{4} \frac{\text{S 24}}{\text{S 25}} \\ \hline \end{array}$ <p style="text-align: center;">1971</p> <p>from which</p> <p>A pine, 13 ins. diam., bears N. 3¼° W., 46 lks. dist., mkd. 1/4 S24 BT.</p>

Survey of Tract No. 37
 Township 12 North, Range 8 East
 Gila and Salt River Meridian, Arizona

CHAINS			
<p>6.20</p> <p>20.06</p>	<p>Beginning at Angle Point No. 1 of Tract No. 37, identical with the 1/4 sec. cor. of secs. 19 and 24, on the E. boundary of the township, hereinbefore described.</p> <p>S. 89° 57' W., on the N. boundary of Tract No. 37, parallel to the E 1/2 of the S. boundary of sec. 24.</p> <p>Ascend general SE. slope through pine, oak, and juniper.</p> <p>Gulch, course SE.</p> <p>Point for Angle Point No. 2 of Tract No. 37.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T12N R8E</p> <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px;">AP 2</td> </tr> <tr> <td style="padding: 2px;">TR 37</td> </tr> </table> <p>1971</p> </div> <p>from which</p> <p style="padding-left: 40px;">A pine, 13 ins. diam., bears S. 77½° E., 33 lks. dist., mkd. TR 37 AP 2 BT.</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears S. 56° W., 32 lks. dist., mkd. X BT.</p> <p style="padding-left: 40px;">Raise a mound of stone, 3 ft. base, 2 ft. high, SE. of the corner.</p>	AP 2	TR 37
AP 2			
TR 37			
<p>36.50</p> <p>40.13</p>	<p>S. 0° 08' E., on the W. boundary of Tract No. 37.</p> <p>Gulch, course SE.</p> <p>Angle Point No. 3 of Tract No. 37, identical with the E 1/16 sec. cor. of secs. 24 and 25, hereinbefore described.</p>		
<p>20.06</p>	<p>N. 89° 57' E., on the S. boundary of Tract No. 37.</p> <p>Angle Point No. 4 of Tract No. 37, identical with the cor. of secs. 19, 24, 25, and 30, on the E. boundary of the township, hereinbefore described.</p>		
<p>40.13</p>	<p>N. 0° 08' W., on the E. boundary of Tract No. 37.</p> <p>Angle Point No. 1 of Tract No. 37, the point of beginning.</p> <p>Tract No. 37 contains 80.50 acres.</p>		
	<p style="text-align: center;">General Description</p> <p>The area surveyed is generally rolling and mountainous terrain with pine, oak, and juniper timber. Tract No. 37 lies approximately one mile north of the small community of Pine, Arizona and is accessible from Arizona State Highway No. 87.</p>		

CERTIFICATE OF SURVEY

(I) ~~(We)~~, Ray Harpin, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 19th day of May, 1971, (I) ~~(We)~~ have dependently resurveyed portions of the east boundary and subdivision lines and surveyed Tract No. 37 in Township 12 North, Range 8 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), ~~(us)~~ and under (my) ~~(our)~~ 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.

November 26, 1971
(Date)

Ray Harpin
Ray Harpin
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date DEC 2 1971

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the dependent resurvey of portions of the east boundary and subdivision lines and the survey of Tract No. 37 in Township 12 North, Range 8 East, Gila and Salt River Meridian, Arizona

executed by Ray Harpin

having been critically examined and found correct, are hereby approved.

MAR 15 1972
(Date)

Clark I. Simon
(Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

(Date) _____
(Chief, Division of Cadastral Survey) GPO 849-626