

Form 9600-9  
(December 1979)  
(formerly 9180-6)

Original  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

OF THE

MEETES-AND-BOUNDS SURVEY

OF TRACT 37,

UNSURVEYED TOWNSHIP 2 NORTH, RANGE 28 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

### EXECUTED BY

JOHN P. BENNETT, SUPERVISORY CADASTRAL SURVEYOR,

Under special instructions dated November 4, , 19 82, approved November 4, 1982 ,

\_\_\_\_\_, which provided for the surveys included under ~~U.S.~~ Survey/Group  
Number 637 , and assignment instructions dated November 4, , 19 82.

Survey commenced November 9, , 19 82

Survey completed November 10 , 19 82

# INDEX DIAGRAM

Township 2 North, Range 28 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
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Survey of Tract 37 .....p.p. 3-7

Unsurveyed T. 2 N., R. 28 E., Gila and Salt River Mer., Arizona

## CHAINS

The following field notes are those of a metes-and-bounds survey of Tract 37, within unsurveyed Township 2 North, Range 28 East, Gila and Salt River Meridian, Arizona.

The history of surveys of unsurveyed Township 2 North, Range 28 East, Gila and Salt River Meridian, Arizona, is as follows:

The west township boundary (East boundary of the San Carlos Indian Reservation) was surveyed by William B. Kimmell, in 1913. The west two miles of the south township boundary were surveyed by William B. Kimmell in 1914. Homestead Entry Survey No. 216 was surveyed and a portion of the south township boundary was retraced by Lee C. Daves in 1917. Homestead Entry Survey No. 498 was surveyed by L.R. Mercer in 1920.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 637, Arizona, dated November 4, 1982.

The directions of lines were determined from triangulation stations of the horizontal control network and refer to the true meridian. Distances and angles were measured with a Hewlett-Packard 3820A electronic instrument.

Location of the corners for Tract 37 were identified by Robert A. Stillwell, of the Four Drag Ranch and James Muth, Land Surveyor, U.S. Forest Service. The survey was executed to facilitate a U.S. Forest Service land exchange, No. A 17963.

The geographic position of Corner No. 4, Tract 37, as determined from a tie to U.S.D.A., Forest Service, triangulation station "HONEYMOON", is as follows:

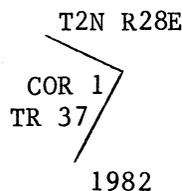
Latitude: 33°28'31.44" N Longitude: 109°28'52.22" W

The mean magnetic declination is 13° E.

Metes-and-Bounds Survey of Tract 37 in Unsurveyed  
T. 2 N., R. 28 E., Gila and Salt River Mer., Arizona

Beginning at Cor. No. 1, Tract 37.

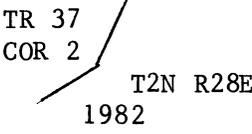
Set an aluminum post, 24 ins. long,  $\frac{3}{4}$  in. diam., 10 ins. in the ground, in a mound of stone, 2 ft. base, to top, with cap mkd.



from which

A pinyon, 8 ins. diam., bears S. 57° W., 154  
lks. dist., mkd. COR 1 TR 37 BT.

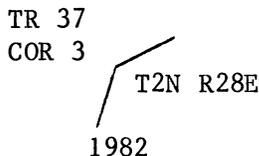
Metes-and-Bounds Survey of Tract 37 in Unsurveyed  
T. 2 N., R. 28 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>An alligator juniper, 7 ins. diam., bears N. 56° W., 31.5 lks. dist., mkd. X BT at the base.</p> <p>From this point, Cor. No. 1, H.E.S 498, bears N. 10°41' E., 7.39 chs. dist., monumented with a malpais stone, 9 x 9 x 18 ins. above ground, mkd. 1 HES 498 on E face, from which the original bearing trees</p> <p>An oak, 9 ins. diam., bears N. 59°16' E., 93 lks. dist., mkd. BT on a partially decayed blaze.</p> <p>A dead and down oak, 8 ins. diam., bears S. 48°40' E., 30 lks. dist., no marks visible.</p> <p>This cor. is not remonumented</p> <p>S. 29°58.7' W., on line 1-2, Tract 37.</p>
15.202	<p>Point for Cor. No. 2, Tract 37.</p> <p>Set an aluminum post, 36 ins. long, <math>\frac{3}{4}</math> in. diam., 10 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <div style="text-align: center;">  <p>TR 37 COR 2</p> <p>T2N R28E 1982</p> </div> <p>from which</p> <p>The NE cor. of a log house, bears N. 71½° W., 142 lks. dist., from which the sides extend S. 48° W., 40 ft., thence N. 42° W., 55 ft., thence N. 48° E., 15 ft., thence S. 42° E., 22 ft., thence N. 48° E., 25 ft., thence S. 42° E., 33 ft., to the NE cor.</p> <p>The SE cor. of a wood frame bunk house, 12 x 15 ft., bears N. 55° W., 302 lks. dist., long side bears N. 88° W.</p> <p>The SE cor. of a metal frame shop, 12 x 24 ft., bears N. 44° W., 132 lks. dist., long side bears N. 27° W.</p> <p>The SE cor. of a wood frame shed, 12 x 28 ft., bears N. 28½° W., 173 lks. dist., long side bears N. 65° E.</p> <p>The SW cor. of a wood frame shed, 27 x 36 ft., bears N. 5° W., 139 lks. dist., long side bears N. 68° E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 63°13.2' W., on line 2-3, Tract 37.</p>
6.060	<p>Point for Cor. No. 3, Tract 37.</p>

Metes-and-Bounds Survey of Tract 37 in Unsurveyed  
T. 2 N., R. 28 E., Gila and Salt River Mer., Arizona

CHAINS

Set an aluminum post, 30 ins. long,  $\frac{3}{4}$  in. diam., 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, with cap mkd.



from which

The marks X BO on the SW face of a large rock out-cropping, bears N. 33° E., 137 lks. dist.

A juniper, 8 ins. diam., bears N. 28° W., 101 lks. dist., mkd. COR 3 TR 37 BT.

from which improvements

The NE cor. of a wood frame scale shed, 17 x 18 ft., bears S. 85° W., 346 lks. dist., long side bears S. 12° W.

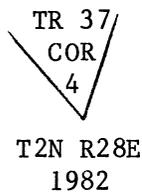
The SE cor. of a mobile home, 24 x 52 ft., bears S. 87° W., 447 lks. dist., long side bears N. 10° W.

The SW cor. of a wood frame generator shed, 6½ x 10½ ft., bears N. 72° W., 315 lks. dist., long side bears N. 30° W.

S. 20°00.3' W., on line 3-4, Tract 37.

12.048 Point for Cor. No. 4, Tract 37.

Set an aluminum post, 18 ins. long,  $\frac{3}{4}$  in. diam., 6 ins. in the ground, in a mound of stone, 3½ ft. base, to top, with cap mkd.



from which

The marks X BO on the W face of a boulder, 4 x 2½ x 2 ft. above ground, bears N. 89° E., 15.3 lks. dist.

A ponderosa pine, 4 ins. diam., bears S. 27° W., 18.5 lks. dist., mkd. X BT at the base.

From this same point, the cor. of secs. 5, 6, 31 and 32, on the S bdy. of the unsurveyed Tp., identical with Cor. No. 1, H.E.S. 216, bears S. 18°40.5' E., 44.84 chs. dist., monumented with an iron post, 3 ins. diam., projecting 24 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, with a malpais stone, 12 x 7 x 19 ins. above ground, set alongside, mkd. 1 HES 216 on the N face. The brass cap on the iron post is mkd.

Metes-and-Bounds Survey of Tract 37 in Unsurveyed  
T. 2 N., R. 28 E., Gila and Salt River Mer., Arizona

CHAINS

T2N  
S31 | S32 R28E  
S 6 | S 5  
T1N  
1914

from which the original bearing trees recovered in 1917

A pinyon, 11 ins. diam., bears N. 55°55' E., 71 lks. dist., mkd. with an overgrown blaze.

A dead and down pinyon, 7 ins. diam., bears S. 37°25' E., 38 lks. dist., mkd. with a decayed blaze.

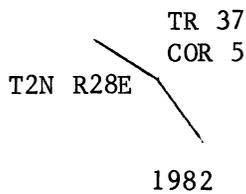
A pinyon, 14 ins. diam., bears S. 68°25' W., 22 lks. dist., mkd. with an overgrown blaze.

A dead juniper, 12 ins. diam., bears N. 8°45' W., 50 lks. dist., mkd. 1 HES 216 T1N R28E S31 BT.

N. 38°52.6' W., on line 4-5, Tract 37.

7.315 Point for Cor. No. 5, Tract 37.

Set an aluminum post, 18 ins. long,  $\frac{3}{4}$  in. diam., 6 ins. in the ground, in a mound of stone, 2 $\frac{1}{2}$  ft. base, to top, with cap mkd.



from which

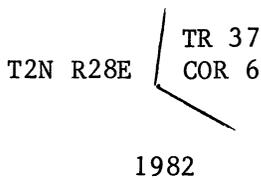
A pinyon, 12 ins. diam., bears S. 89° E., 74 lks. dist., mkd. COR 5 TR 37 BT.

The marks X B0 on the S face of a boulder, 4 x 4 x 3 ft. above ground, bears N. 2° W., 66.5 lks. dist.

N. 61°02.7' W., on line 5-6, Tract 37.

23.405 Point for Cor. No. 6, Tract 37.

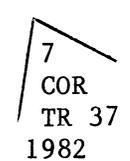
Set an aluminum post, 18 ins. long,  $\frac{3}{4}$  in. diam., 6 ins. in the ground, in a mound of stone, 3 $\frac{1}{2}$  ft. base, to top, with cap mkd.



from which

A pinyon, 12 ins. diam., bears S. 79° E., 45 lks. dist., mkd. COR 6 TR 37 BT.

Metes-and-Bounds Survey of Tract 37 in Unsurveyed  
T. 2 N., R. 28 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p>A pinyon, 6 ins. diam., bears N. 71° W., 24 lks. dist., mkd. X BT at the base.</p> <hr/> <p>N. 9°07.9' E., on line 6-7, Tract 37.</p> <p>28.011 Point for Cor. No. 7, Tract 37.</p> <p>Set an aluminum post, 30 ins. long, <math>\frac{3}{4}</math> in. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, to top, with cap mkd.</p> <div style="text-align: center;"> <p>T2N R28E</p>  </div> <p>from which</p> <p>An oak, 8 ins. diam., bears S. 42° E., 76 lks. dist., mkd. COR 7 TR 37 BT.</p> <p>An alligator juniper, 10 ins. diam., bears S. 76° W., 39 lks. dist., mkd. X BT at the base.</p> <p>From this point U.S.D.A. Forest Service triangulation station "HONEYMOON", bears N. 34°04'30" W., 30.777 chs. dist., monumented with a standard brass tablet, 3½ ins. diam., cemented into a boulder, 24 x 18 x 6 ins. above ground, mkd. HONEYMOON + 1950. The geodetic position as published by U.S.D.A. is:</p> <p style="text-align: center;">Latitude: 33°29'17.264" N Longitude: 109°29'21.722" W</p> <hr/> <p>S. 65°10.7' E., on line 7-1, Tract 37.</p> <p>41.597 Cor. No. 1, Tract 37, and point of beginning, heretofore described.</p>	
	<p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area encompassed in this survey is located about 33 miles SW of Alpine, Arizona. The elevation varies from about 5,500 to 6,200 feet above sea level. The terrain is mountainous and drains southerly into Eagle Creek. Vegetation consists of pinyon pine, juniper, oak and scattered ponderosa pine. The soil varies from sandy loam in the lower elevations, to rocky loam in the higher elevations.</p> <p>There is no evidence of mineral deposits within the surveyed area.</p> <p>The Four Drag Ranch house and several other permanent buildings are located within Tract 37. Access is by way of Forest Service Road No. 217, which is improved dirt.</p> <p>The mean magnetic declination of 13° E., is taken from U.S.G.S. "Robison Mesa, Ariz." quadrangle map, published in 1967.</p>	

CHAINS		
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CERTIFICATE OF SURVEY

(I) ~~(X)~~, John P. Bennett, Supervisory Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 4th day of November, 19 82, (I) ~~(X)~~ have surveyed Tract 37 in unsurveyed Township 2 North, Range 28 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.

JAN 12 1983

(Date)

*John P. Bennett*  
Supervisory (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
~~Denver, Colorado~~  
Phoenix Arizona

The foregoing field notes of the survey of Tract 37 in unsurveyed Township 2 North, Range 28 East, Gila and Salt River Meridian, Arizona,

executed by John P. Bennett, Supervisory Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JAN 12 1983

(Date)

*James P. Kelley*  
~~Chief, Cadastral Survey Examination and Approval Staff~~  
(Chief Cadastral Surveyor of Arizona)

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, Cadastral Survey Examination and Approval Staff)