

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF LINE 3 - 4, SUNNY SOUTH LODGE

AND LINE 4 - 5, MOSS LODGE, MINERAL SURVEY No. 2325

LINE 2 - 3, ESTELLA LODGE, MINERAL SURVEY No. 3187

AND

THE METES-AND-BOUNDS SURVEY OF TRACT No. 37

WITHIN UNSURVEYED

TOWNSHIP 10 NORTH, RANGE 1 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

RAY HARPIN

SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated May 8, 19 74, approved May 10, 1974,

\_\_\_\_\_, which provided for the surveys included under U.S. Survey/Group  
Number 566, and assignment instructions dated May 7, 1974.

Survey commenced May 13, 19 74

Survey completed May 14, 19 74

# INDEX DIAGRAM

Township \_\_\_\_\_, Range \_\_\_\_\_,

|    |    |    |    |    |    |
|----|----|----|----|----|----|
| 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 |

1A

Township 10 North, Range 1 West  
Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the dependent resurvey of line 3 - 4 Sunny South lode and line 4 - 5 Moss lode, Mineral Survey No. 2325 and line 2 - 3 Estella lode, Mineral Survey No. 3187. The Metes-and-Bounds Survey of Tract No. 37, within unsurveyed Township 10 North, Range 1 West, of the Gila and Salt River Meridian, Arizona.

History of Previous Surveys: Mineral Survey No. 2325 was surveyed by J. J. Fisher, U. S. Mineral Surveyor, in 1906, as shown upon the official plat approved October 11, 1906. Mineral Survey No. 3187 was surveyed by William H. Merritt, U. S. Mineral Surveyor, in 1915, as shown upon the official plat approved August 14, 1915.

The dependent resurvey and Metes-and-Bounds Survey were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973 Edition, and Special Instructions dated May 8, 1974.

The directions of all lines of this survey were determined by direct altitude observations upon the sun, for azimuth, and refer to the true meridian. The lines were 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 Angle Point No. 1, Tract No. 37, as: Latitude  $34^{\circ} 12.7' N.$  and Longitude  $112^{\circ} 20.5' W.$  The mean magnetic declination is  $14^{\circ}$  East.

Dependent Resurvey of line 3 - 4, Sunny South Lode  
and line 4 - 5, Moss Lode, Mineral Survey No. 2325  
Line 2 - 3, Estella Lode, Mineral Survey No. 3187  
Township 10 North, Range 1 West  
Gila and Salt River Meridian, Arizona

Thence, Mineral Survey No. 2325

Reestablishment of the Survey Executed by  
J. J. Fisher, U. S. Mineral Surveyor in 1906

Beginning at Corner No. 3, Sunny South lode, Mineral Survey No. 2325, which is monumented with a granite stone 8 x 10 ins. base, firmly set, projecting 20 ins. above the surface of the ground, mkd. SS 3 2325 on the north-west.

Dependent Resurvey of line 3 - 4, Sunny South Lode  
 and line 4 - 5, Moss Lode, Mineral Survey No. 2325  
 Line 2 - 3, Estella Lode, Mineral Survey No. 3187  
 Township 10 North, Range 1 West  
 Gila and Salt River Meridian, Arizona

| CHAINS |  |
|--------|--|
|        | <p>N. 19° 33' E., on line 3 - 4, Sunny South lode</p> <p>16.52 The point for Angle Point No. 3, Tract No. 37, hereinafter described.</p> <p>23.55 Corner No. 4, Sunny South lode, identical with Corner No. 4, Moss lode, Mineral Survey No. 2325, which is monumented with a granite stone, 8 ins. square at the base, firmly set, projecting 10 ins. above the surface of the ground, mkd. SS 4 2325 on the southwest and M 4 2325 on the northwest.</p> <p>substantiated by:</p> <p style="padding-left: 40px;">A granite boulder (stone-in-place) 6 x 7 ft. base, 6 ft. high, bears N. 51° 15' E., 73.5 lks. distance, and is marked (chiseled) M 4 2325 BR around a cross (+).</p> <p style="padding-left: 40px;">A granite boulder (stone-in-place) 3 x 6 ft. base, 4 ft. high, bears N. 69° 35' W., 13.5 lks. distance, and is marked (chiseled) 4 M 2325 BR around a cross (+).</p> <p>This corner is designated to function for Angle Point No. 2, Tract No. 37.</p> <hr style="width: 20%; margin: 20px auto;"/> |
|        | <p>N. 24° 08' E., on line 4 - 5, Moss lode</p> <p>14.64 Corner No. 5, Moss lode, which is monumented with a granite boulder (stone-in-place) 4 x 5 ft. base, 3 ft. high, marked with a cross (+) and M 5 2325 chiseled on the top.</p> <p>This corner is designated to function for Angle Point No. 1, Tract No. 37.</p> <p>From the above Corner No. 5 a U. S. Coast and Geodetic Survey Triangulation Station "Towers Mountain Lookout" bears N. 47° 32' 45" W., 190.52 chs. distance, and is marked with a concrete form, 6 ins. square, near ground level, with a brass tablet 3¼ ins. in diam., seated on the top, mkd. TOWERS MTN LOOKOUT 1969.</p>  |
|        | <p>Thence, Mineral Survey No. 3187</p> <p style="padding-left: 40px;">Reestablishment of the Survey Executed by William H. Merritt, U. S. Mineral Surveyor in 1915.</p> <hr style="width: 20%; margin: 20px auto;"/>   |

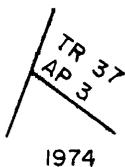
Dependent Resurvey of line 3 - 4, Sunny South Lode  
and line 4 - 5, Moss Lode, Mineral Survey No. 2325  
Line 2 - 3, Estella Lode, Mineral Survey No. 3187  
Township 10 North, Range 1 West  
Gila and Salt River Meridian, Arizona

| CHAINS |   |
|--------|---|
| 20.02  | <p>From Corner No. 2, Estella lode, which is monumented with a granite stone, 4 x 5 ins. base, firmly set, projecting 12 ins. above the surface of the ground, mkd. 2 / E / 3187 on the southeast.</p> <p>This corner is designated to function for Angle Point No. 4, Tract No. 37.</p> <hr/> <p>N. 33° 40' E., on line 2 - 3, Estella lode</p> <p>Corner No. 3, Estella lode, which is monumented with a granite stone, 3 x 8 ins. base, firmly set, projecting 12 ins. above the surface of the ground, mkd. 3 / E / 3187.</p> <p>This corner is designated to function for Angle Point No. 5, Tract No. 37.</p> |
|        | <p>Metes-and-Bounds Survey of Tract No. 37<br/>within unsurveyed<br/>Township 10 North, Range 1 West<br/>Gila and Salt River Meridian, Arizona</p>  |
| 14.64  | <p>Beginning at Corner No. 5, Moss lode, Mineral Survey No. 2325, which is designated to function for Angle Point No. 1, Tract No. 37, heretofore described.</p> <p>S. 24° 08' W., on line 1 - 2, Tract No. 37, identical with line 5 - 4, Moss lode, Mineral Survey No. 2325.</p> <p>Corner No. 4, Moss lode, identical with Corner No. 4, Sunny South lode, Mineral Survey 2325, which is designated to function for Angle Point No. 2, Tract No. 37, heretofore described.</p>   |
| 7.03   | <hr/> <p>S. 19° 33' W., on line 2 - 3, Tract No. 37, identical with line 4 - 3, Sunny South lode, Mineral Survey No. 2325.</p> <p>The point for Angle Point No. 3, Tract No. 37.</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 12 ins. in the ground, over a cross (+) chiseled on bedrock, and in a mound of stone, 3 ft. base, to the top, with brass cap mkd.</p>   |

Metes-and-Bounds Survey of Tract No. 37  
 within unsurveyed  
 Township 10 North, Range 1 West  
 Gila and Salt River Meridian, Arizona

CHAINS

TION RIW



from which

A pine, 8 ins. in diam., bears N. 56° 30' E., 23  
 lks. distance, scribed AP 3 TR 37 BT.

A pine, 8 ins. in diam., bears S. 39° 00' E., 53  
 lks. distance, scribed X BT.

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S. 56° 20' E., on line 3 - 4, Tract No. 37

4.13 Corner No. 2, Estella lode, Mineral Survey No. 3187, which  
 is designated to function for Angle Point No. 4, Tract No.  
 37, heretofore described.

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N. 33° 40' E., on line 4 - 5, Tract No. 37, identical  
 with line 2 - 3, Estella lode, Mineral Survey No. 3187.

20.02 Corner No. 3, Estella lode, Mineral Survey No. 3187, which  
 is designated to function for Angle Point No. 5, Tract No.  
 37, heretofore described.

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N. 47° 50' W., on line 5 - 1, Tract No. 37

8.36 Corner No. 5, Moss lode, Mineral Survey No. 2325, which is  
 designated to function for Angle Point No. 1, Tract No.  
 37, heretofore described, the place of beginning.

## GENERAL DESCRIPTION

The area of this survey is located on Bradshaw  
 Mountain and within the Prescott National Forest, and  
 varies from rough and broken to rolling land. The eleva-  
 tion is approximately 6,000 ft. above sea level. The soil  
 is sandy and decomposed granite. Timber, pine; under-  
 growth, young trees, shrub live oak, curleaf mountain-  
 mahogany, brush and grass.



CERTIFICATE OF SURVEY

(I) (Wφ), Ray Harpin, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day

of May, 1974, (I) (Wφ) have dependently resurveyed line 3 - 4 Sunny South lode and line 4 - 5 Moss lode, Mineral Survey No. 2325, and line 2 - 3 Estella lode, Mineral Survey No. 3187; made the Metes-and-Bounds Survey of Tract No. 37, within unsurveyed Township 10 North, Range 1 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), (us) and under (my) (out) 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.

December 30, 1974 (Date) Ray Harpin (Cadastral Surveyor) Ray Harpin (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL Date DEC 30 1974

BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the dependent resurvey of line 3 - 4 Sunny South lode and line 4 - 5 Moss lode, Mineral Survey No. 2325 and line 2 - 3 Estella lode, Mineral Survey No. 3187. The Metes-and-Bounds Survey of Tract No. 37, within unsurveyed Township 10 North, Range 1 West, of the Gila and Salt River, Arizona.

executed by Ray Harpin, Supervisory Cadastral Surveyor having been critically examined and found correct, are hereby approved.

SEP 16 1975 (Date) Acting 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