

ORIGINAL

1

BOOK 5336

R-5336

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY

OF

A PORTION

OF

THE SUBDIVISIONAL LINES

TOWNSHIP 14 NORTH, RANGE 5 EAST

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

EXECUTED BY

Stephen K. Hansen, Cadastral Surveyor

Under special instructions dated August 22, 1990, approved August 23, 1990,

which provided for the surveys included under Group Number

722 and assignment instructions dated August 23, 1990.

Survey commenced August 29, 1990

Survey completed September 19, 1990

BOOK 5336

INDEX DIAGRAM

TOWNSHIP 14 NORTH, RANGE 5 EAST,

6	5	4	3	10 9	2	1
			12	11	8	7
7	8	9	10	6 5 4	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

T. 14 N., R. 5 E., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 14 North, Range 5 East, Gila and Salt River Meridian, Arizona.

G. Burton Foster surveyed a portion of the subdivisional lines in 1877. Francis E. Joy resurveyed a portion of the subdivisional lines in 1931. Horace M. Muscott, Claude F. Warner, and Frank Motoh resurveyed a portion of the subdivisional lines and surveyed (completion) a portion of the subdivisional lines in 1938. Boyd S. Owens remonumented certain corners in 1964.

This survey was performed at the request of the Forest Supervisor for the Coconino National Forest.

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 22, 1990, for Group No. 722, Arizona.

Preliminary to the resurvey lines of the original survey were retraced and a search was made for corners and other calls of record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The direction of lines were determined by hour angle solar observations, and refer to the true meridian. Distances and angles were measured using a Lietz Set 4 electronic instrument.

The geographic position of the cor. of secs. 10 and 11, as determined by a tie to U.S. Geological Survey triangulation station "Dud, 1959", located in section 14, T. 14 N., R. 5 E., is as follows:

NAD 27: Latitude: 34°36'45.13" N. Longitude: 111°47'55.75" W.

The magnetic declination as taken from quadrangle map LAKE MONTEZUMA, ARIZ., published in 1969 by U.S. Geological Survey, is 14 1/2° E.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	<p style="text-align: center;">Restoring the survey executed by G. Burton Foster in 1877</p> <hr/> <p>Beginning at the cor. of secs. 10 and 11, monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, in a scattered mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T14N R5E S10 S11</p> <hr/> <p style="text-align: center;">S15 1938 1931</p> <p>Not remonumented.</p> <p>From this cor. point, the closing cor of secs. 14 and 15 bears N. 89°31' E., 30 lks. dist., monumented with an iron post, 2 ins. diam., projecting 6 ins. above ground with brass cap mkd. T14N R5E CC S11 S14 S15 1938.</p> <p>From this same cor. point, U.S. Coast and Geodetic Survey triangulation station "DUD 1959", bears S. 57°42'30" E., (forward bearing), 55.089 chs. dist., monumented with a brass disk, 3 ins. diam., set flush with bedrock, mkd. DUD 1959, with a triangle in the middle.</p> <p>Cor. post of barbed wire fences, extending N. and E., bears NE, 98 lks. dist.</p> <p>N. 2°16' E., bet. secs. 10 and 11.</p> <p>Over rolling land through medium juniper, creosote, and cacti.</p> <p>22.60 Trail road, 15 lks. wide, bears ENE and WSW.</p> <p>41.23 Point for the 1/4 sec. cor. of secs. 10 and 11, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T14N R5E 1/4 S10 S11 1990</p>
--------	---

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>from which</p>
	<p>A sandstone outcropping, 11 x 5 x 4 ft. high, bears</p>
	<p>S. 37° W., 86 lks. dist., mkd. X BO on the top face.</p>
	<p>A sandstone outcropping, 9 x 5 x 3 ft. high, bears</p>
	<p>N. 86 1/4° W., 75 lks. dist., mkd. X BO on the E. face.</p>
	<p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in.</p>
	<p>white plastic case beneath the stainless steel post.</p>
	<p>Cor. is located 85 lks. E. of a barbed wire fence, extends N.</p>
	<p>and S.</p>
	<p>From this point a cor. set by the U.S. Forest Service in 1973,</p>
	<p>bears N. 2°49' E., 6 lks. dist., monumented with an iron post,</p>
	<p>2 1/2 ins. diam., projecting 18 ins. above the ground, and in a</p>
	<p>scattered mound of stone, with brass cap mkd. T14N R5E S10 S11 LS</p>
	<p>4476 1973.</p>
57.00	<p>Crest of bluff, bears SE and W., descend over N. slope.</p>
61.84	<p>Point for the N 1/16 sec. cor. of secs. 10 and 11.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,</p>
	<p>22 ins. in the ground, and in a mound of stone, 2 ft. base, to</p>
	<p>top, with brass cap mkd.</p>
	<p style="text-align: center;">T14N R5E</p>
	<p style="text-align: center;">N 1/16</p>
	<p style="text-align: center;">S10 S11</p>
	<p style="text-align: center;">1990</p>
	<p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in.</p>
	<p>white plastic case beneath the stainless steel post.</p>
	<p>From this cor. point, a cor. set by the U.S. Forest Service in</p>
	<p>1973 bears N. 10°10' E., 4 lks. dist., monumented with an iron</p>
	<p>post, 2 1/2 ins. diam., projecting 18 ins. above the ground, and</p>
	<p>in a scattered mound of stone, with brass cap mkd. T14N R5E</p>
	<p>N 1/16 S10 S11 LS 4476 1973.</p>
	<p>From this same cor. point, an open end galvanized pipe, 1 ins.</p>
	<p>diam., projecting 14 ins. above the ground, bears S. 86°35' W.,</p>
	<p>106 lks. dist.</p>
	<p>Cor. post of barbed wire fences, extending S. and W.,</p>
	<p>bears N. 89 3/4° W., 104 lks. dist.</p>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	
65.00	Graded road, 15 lks. wide, bears FNE and WSW, at base of bluff.
67.50	S. edge cultivated field.
74.95	Point for a witness point on line bet. secs. 10 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	WP T14N R5E S10 S11 1990
	Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Cor. is located at the N. edge of a cultivated field.
76.35	Irrigation ditch, 8 lks. wide, 2 ft. deep, drains WSW.
76.50	Barbed wire fence, extends ENE and WSW.
77.00	S. edge of marsh.
82.10	S. bank Beaver Creek, 150 lks. wide, course SSW.
82.46	Point for the cor. of secs. 2, 3, 10 and 11, at proportionate dist.; there is no remaining evidence of the original cor; falls in Beaver Creek, where it is impractical to establish a permanent monument.
	<p>From this cor. point, a forked sycamore, 18 ins. diam. on the left fork, and 20 ins. diam. on the right fork, both trunks approximately 38 ft. in height, bears S. 64° W., 219 lks. dist. Field data indicates that this is the "original G.L.O. bearing tree" reported by Collar, Williams & White Engineering in 1964. Core samples were taken from the sycamore by Bruce Koyiyumptewa, United States Forest Service, Long Valley Ranger District, on Sept 17, 1990. His initial count of growth rings indicated the tree to be approximately 98 years old, and this dating was confirmed by independent testing by Dr. Walmac at the Rocky Mountain Forest and Range Experiment Station, Northern Arizona University, Flagstaff, Arizona. Letters of testing procedures and results may be found in Group No. 722 File, Arizona. The sycamore was determined not to be old enough to be the original tree, and improper procedures were used to set the corner from the tree. The corner position of Robert M. Williams Jr., R.L.S., of Collar, Williams & White Engineering, is therefore rejected.</p>

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>From the cor. of secs. 1, 2, 11, and 12, monumented with an iron post, 2 ins. diam., projecting 21 ins. above ground, and in a scattered mound of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td colspan="2">T14N R5E</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S2</td><td style="padding: 0 5px;">S1</td></tr> <tr><td colspan="2" style="border-top: 1px solid black; border-bottom: 1px solid black;"></td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S11</td><td style="padding: 0 5px;">S12</td></tr> <tr><td colspan="2" style="text-align: center;">1938</td></tr> </table> </div> <p>Not remonumented.</p> <p>Cor. is located 7 lks. S. of a barbed wire fence, extends E. and W.</p> <p>N. 88°48' W., between secs. 2 and 11.</p> <p>Over rolling land, through medium creosote, mesquite and cacti.</p> <p>40.48 Point for the 1/4 sec. cor. of secs. 2 and 11, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td colspan="2">T14N R5E</td></tr> <tr><td colspan="2" style="text-align: center;">S2</td></tr> <tr><td colspan="2" style="text-align: center;">1/4 ———</td></tr> <tr><td colspan="2" style="text-align: center;">S11</td></tr> <tr><td colspan="2" style="text-align: center;">1990</td></tr> </table> </div> <p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, a rebar, 1/2 ins diam., projecting 3 ins. above the ground, bears S. 73°47' W., 102 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 ins diam., projecting 2 ins. above the ground, bears S. 78°41' W., 143 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 ins diam., projecting 2 ins. above the ground, bears S. 81°16' W., 180 lks. dist.</p> <p>From this same point a television antenna, approx. 50 ft. high, on a 38 ins. x 38 ins. concrete slab, bears N. 89°32' W., 740 lks. dist.</p> <p>Cor. is located 30 lks. S. of a barbed wire fence, extends E. and W., and on the crest of a N. ridge overlooking Beaver Creek Golf Course.</p>	T14N R5E		S2	S1			S11	S12	1938		T14N R5E		S2		1/4 ———		S11		1990	
T14N R5E																					
S2	S1																				
S11	S12																				
1938																					
T14N R5E																					
S2																					
1/4 ———																					
S11																					
1990																					

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	
46.00	Summit of ridge, bears WNW and FSE, begin descent.
51.60	Abandoned irrigation ditch, drains SSE.
51.90	Wash, 12 lks wide, drains NNW, end descent.
68.50	Sandstone bluff, 20 ft. high, bears FNE and WSW.
69.00	E. edge of marsh.
74.90	Graded road, 20 lks. wide, bears NNE and SSW.
75.50	Irrigation ditch, 8 lks. wide, 2 ft. deep, drains SSW.
75.84	Point for a witness point on line bet. secs. 2 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.
	WP T14N R5E S2 S11 1990
	Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
80.80	E. bank Beaver Creek, 150 lks. wide, course SSW.
80.96	Point for the cor. of secs. 2, 3, 10, and 11.
	N. 0°11' E., bet. secs. 2 and 3.
	Over rolling land, through medium creosote.
1.75	N. bank Beaver Creek, 150 lks. wide, course SSW, at the base of a sandstone bluff, 20 ft. high, bears NNE and SSW.
3.57	Point for a witness point on line bet. secs. 2 and 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, and in a mound of stone, with 3 ft. base, to top, with brass cap mkd.

Dependent Resurvey, Portion of the Subdivisional Lines,
 T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	
	WP T14N R5E S3 S2 1990
	Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Cor. is located on a S. facing slope overlooking Beaver Creek.
5.50	Begin ascent of bluff, bears NNE and SSW.
19.00	Summit of bluff, bears ENE and WSW.
41.20	The 1/4 sec. cor. of secs. 2 and 3, monumented with an iron rod, 3/4 in. diam., 12 ins. long, firmly set 3 ins. below ground, with an attached washer stamped U.S. 4491. The original stone was reported as destroyed by heavy equipment around 1964 by Joe M. Sisneros of the U.S. Forest Service. Robert Williams Jr., R.J.S., of Collar, Williams, and White Engineering attests he found the 1/4 cor. stone, apparently prior to its destruction, according to the plat of Lake Montezuma Agricultural Acres, filed at Yavapai County Courthouse, Prescott, Arizona, Feb. 19, 1964. The position was reestablished from ties to SW and NW cors., Lot 19, and NW cor., Lot 17, from the Lake Montezuma Agricultural Acres plat, by Joseph Dean Jones, R.L.S., of Cottonwood, Az. in 1980, is harmoniously related to topography and fence calls made by Joe M. Sisneros in 1963, and is accepted as a faithful and careful perpetuation of the original cor. position.
	At the cor. point.
	Set a stainless steel post, 22 ins. long, 2 1/2 ins. diam., 6 ins. below ground, with brass cap mkd.
	T14N R5E 1/4 S3 S2 1990
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 7°24' E., 31.7 ft. dist., with brass cap mkd. 1/4 S2 RM 31.7 FT 1990, and an arrow pointing to the cor. Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. R.M. is located 3 lks. E. of a power pole and 7 lks. W. of the westerly shoulder of a graded road, bears N. and SSE.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 89°50' W., 36.1 ft. dist., with brass cap mkd. 1/4 S3 RM 36.1 FT 1990, and an arrow pointing to the cor. Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. R.M. is located 2 lks. E. of a barbed wire fence, extends N. and S.</p> <p>Deposit the iron rod and stamped washer inside the stainless steel post.</p> <p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Cor. is located in the center of a graded road, 23 lks. wide, bears N. and SSE.</p> <p>From this cor. point, a rebar, 1/2 ins diam., projecting 3 ins. above the ground, SW Cor., Lot 19, Lake Montezuma Agrucultural Acres, bears N. 1°32' E., 451.6 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 ins diam., projecting 5 ins. above the ground, NW Cor., Lot 19, Lake Montezuma Agrucultural Acres, bears N. 1°32' E., 860.5 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 ins diam., projecting 3 ins. above the ground, NW Cor., Lot 17, Lake Montezuma Agrucultural Acres, bears N. 1°32' E., 1275.3 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 ins diam., projecting 6 ins. above the ground, NW Cor., Lot 20, Lake Montezuma Agrucultural Acres, bears S. 1°15' W., 50.3 lks. dist.</p> <p>From this same cor. point, a rebar, 1/2 ins diam., projecting 4 ins. above the ground, SW Cor., Lot 20, Lake Montezuma Agrucultural Acres, bears S. 1°15' W., 551.4 lks. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 1°32' E., beginning a new measurement.</p> <p>Over rolling land through medium juniper.</p>
30.20	Beaver Creek Road, paved, 45 lks. wide, bears ENE and WSW.
31.60	Abandoned gravel road, 38 lks. wide, bears ENE and WSW.
32.50	Wash, 23 lks. wide, 10 ft. deep, drains WSW.

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS															
41.38	<p>The cor. of secs. 2, 3, 34, and 35, monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td colspan="2">T15N R5E</td> </tr> <tr> <td>S34</td> <td>S35</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td>S3</td> <td>S2</td> </tr> <tr> <td colspan="2">T14N</td> </tr> <tr> <td colspan="2">1964</td> </tr> </table> </div> <p>Cor. is located 2 lks. E. of a barbed wire fence, extends N., E., and W.</p>	T15N R5E		S34	S35	<hr/>		S3	S2	T14N		1964			
T15N R5E															
S34	S35														
<hr/>															
S3	S2														
T14N															
1964															
1.00	<p>From the point for the cor. of secs. 2, 3, 10, and 11. N. 89°56' W., bet. secs. 3 and 10. Over mostly level land, through medium creosote.</p>														
1.50	<p>W. bank Beaver Creek, 150 lks. wide, course SSW.</p>														
1.50	<p>Sandstone bluff, 20 ft. high, bears NNE and SSW.</p>														
5.95	<p>Point for a witness point on line bet. secs 3 and 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>														
	<div style="text-align: center;"> <table border="1"> <tr> <td colspan="2">WP</td> </tr> <tr> <td colspan="2">T14N R5E</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2">S3</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2">S10</td> </tr> <tr> <td colspan="2">1990</td> </tr> </table> </div> <p>Deposit broken brown glass, and a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Cor is located 50 lks. N. of a barbed wire fence, extends E. and W., 71 lks. W. of a barbed wire fence, extends N. and S, and at the SE edge of a cultivated field.</p>	WP		T14N R5E		<hr/>		S3		<hr/>		S10		1990	
WP															
T14N R5E															
<hr/>															
S3															
<hr/>															
S10															
1990															
20.34	<p>Point for the E. 1/16 sec. cor. of secs. 3 and 10.</p>														

Dependent Resurvey, Portion of the Subdivisional Lines,
T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona

CHAINS	GENERAL DESCRIPTION
	<p>This survey is located near the communities of Rimrock and Lake Montezuma, Arizona, in a predominantly semi-rural area surrounding Beaver Creek Golf Resort. Elevation ranges from 3400 to 3700 ft. above mean sea level in rolling terrain.</p> <p>The soil is rocky and dry at the higher elevations, but along the Beaver Creek flood plain is fertile and frequently under cultivation. Vegetation consists of cottonwoods and sycamores at the lower elevations, with juniper, mesquite, and creosote interspersed with cacti in the higher and drier areas.</p> <p>Interstate Highway 17 runs northeast and southwest about 1 mile northwest of this survey, and intersects with Beaver Creek Road for access to Rimrock and Lake Montezuma.</p> <p>No mining activity was noted.</p> <p>The mean magnetic declination was determined to be 14 1/2° E.</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Rebecca Ramirez	Surveying Technician
Ted E. Cazier	Surveying Aid

CERTIFICATE OF SURVEY

I, Stephen K. Hansen , Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22th day of August, 1990, have dependently resurveyed a portion of the subdivisional lines of Township 14 North, Range 5 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.

7-25-91

(Date)

Stephen K. Hansen

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines of Township 14 North, Range 5 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 13 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 T. 14 N., R. 5 E., Gila and Salt River Meridian, Arizona is a true copy of the original field notes.~~

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