BOOK 5624

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF A PORTION OF THE

SUBDIVISIONAL LINES

AND A METES-AND-BOUNDS SURVEY

IN SECTION 19,

TOWNSHIP 16 NORTH, RANGE 9 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Dale C. Wilson, Cadastral Surveyor

Under Special Instructions dated June 5, 2001, approved June 5, 2001, which provided for the surveys included under Group No. 874, and assignment instructions dated June 5, 2001.

Survey commenced July 25, 2001

Survey completed July 30, 2001

INDEX DIAGRAM

TOWNSHIP 16 NORTH RANGE 9 EAST

6	5	4	3	2	1
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BOOK 5524

T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and a metes-and-bounds survey in section 19, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

Theodore F. White surveyed the subdivisional lines in 1881. Wallace R. Ott remonumented certain original corners in 1966. Will C. Gabonay dependently resurveyed a portion of the subdivisional lines and subdivided section 19 in 1984-86.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated June 5, 2001, for Group No. 874, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from second order U. S. Coast and Geodetic Survey triangulation station APACHE MAID 1959, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the S. 1/16 sec. cor. of secs. 19 and 20, is as follows:

Latitude: 34° 45' 21.69" N. Longitude: 111° 25' 45.48" W.

The mean magnetic declination is 14° E.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona

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Restoring the resurvey executed by
Will C. Gabonay, in 1984-86

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Beginning at the S. 1/16 sec. cor. of secs. 19 and 20, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T16N R9E S 1/16 S19 S20 1984. from which the 1984 accessories A power pole, bears N. 75½° E., 230 lks. dist. A pine, 23 ins. diam., bears S. 27½° W., 246 lks. dist., with scribe marks S 1/16 S19 BT visible on partially healed blaze. Add the marks 2001 to the brass cap. Cor. is located 1 lk. W. of a fence, bears N. and S. From this cor. point, U. S. Coast and Geodetic Survey triangulation station APACHE MAID 1959, bears S. 73°22' W., 578.54 chs. dist., monumented with a standard brass disk, 3 ins. diam., cemented flush in a boulder 2½ x 1 x ½ ft., with top mkd. APACHE MAID 1959 and a triangle. N. 0°04' E., on the line bet. secs. 19 and 20. Overly nearly level open meadow.
11.95	Point for Angle Point 1, sec. 19, at intersection with the center of Lake Mary Road, paved, 35 ft. wide, bears S. 40°11' E. and N. 40°11' W. Set a railroad spike flush with the surface of the pavement. from which A stainless steel post, 28 ins. long, 2½ ins. diam., set 25 ins. in the ground for a reference monument, bears S. 2°56' W., 82.3 ft. dist., with brass cap mkd. RM T16N R9E S19 AP1 82.3 FT TO COR 2001 and an arrow pointing to the corner. A stainless steel post, 28 ins. long, 2½ ins. diam., set 24 ins. in the ground for a reference monument, bears S. 80°06' W., 66.1 ft. dist., with brass cap mkd. RM T16N R9E S19 AP1 66.1 FT TO COR 2001 and an arrow pointing to the corner. From this cor. point, an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, bears N. 28°54' W., 4.30 chs. dist., with brass cap inscribed U.S. DEPT. OF PUBLIC ROADS and mkd. 880+97.96 Elev. 7568.39 Feet 1936.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
19.80	The 1/4 sec. cor. of secs. 19 and 20, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 5 ins. above ground, in a small collar of stone, with brass cap mkd. T16N R9E 1/4 S19 S20 1984. from which the 1984 bearing trees A pine, 18 ins. diam., bears S. 6¼° E., 180 lks. dist., with scribe marks 1/4 S20 BT visible on partially healed blaze. A pine, 18 ins. diam., bears N. 86½° W., 129 lks. dist., with scribe marks 1/4 S19 BT visible on partially healed blaze. Add the marks 2001 to the brass cap.
	From the E. 1/16 sec. cor. of secs. 18 and 19, monumented with an aluminum post, 1 in. diam., firmly set, projecting 6 ins. above ground, with aluminum cap mkd. T16N R9E S18 E 1/16 S19 1984. from which the 1984 bearing trees A pine, 10 ins. diam., bears N. 13° E., 16 lks. dist., with scribe marks E 1/16 S18 BT visible on partially healed blaze. A pine, 14 ins. diam., bears S. 58° E., 53 lks. dist., with scribe marks E 1/16 S19 BT visible on partially healed blaze. Add the marks 2001 to the aluminum cap. S. 89°57' W., bet. secs. 18 and 19. Over rolling land through scattered pine timber.
0.87	Point for Angle Point 9, sec. 19, at intersection with the center of Lake Mary Road, paved, 35 ft. wide, in curve. Set a railroad spike flush with the surface of the pavement. from which A stainless steel post, 28 ins. long, 2½ ins. diam., set 26 ins. in the ground for a reference monument, bears S. 29°25' E., 93.1 ft. dist., with brass cap mkd. RM T16N R9E S19 AP9 93.1 FT TO COR 2001 and an arrow pointing to the corner.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
19.91	The 1/4 sec. cor. of secs. 18 and 19, monumented with an aluminum post, 1 in. diam., firmly set, projecting 4 ins. above ground, in a collar of stone, with brass cap mkd. T16N R9E S18 1/4 S19 1984. from which the 1984 bearing trees A pine, 12 ins. diam., bears N. 10° E., 51 lks. dist., with scribe marks 1/4 S18 BT visible on partially healed blaze. A pine, 13 ins. diam., bears S. 20¼° W., 48 lks. dist., with scribe marks 1/4 S19 BT visible on partially healed blaze. (Record, S. 20¼° E.)
	Metes-and-Bounds Survey in Section 19, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona
	From Angle Point 1, sec. 19, hereinbefore described. N. 40°11' W., on line 1-2, along the center line of Lake Mary Road.
5.053	Point for Angle Point 2, sec. 19, identical with the Point of Curvature, not monumented. Thence, on line 2-3, along a circular curve to the left, having a central angle of 12° 44', a radius of 3000.00 ft., on the center line of Lake Mary Road, the chord of said arc bears N. 46°33' W., 10.081 chs. dist.
10.102	Point for Angle Point 3, sec. 19, identical with the Point of Tangency, not monumented.
	N. 52°55' W., on line 3-4, along the center line of Lake Mary Road.
6.318	Point for Angle Point 4, sec. 19, identical with the point of Tangent to Spiral, not monumented. Thence, on line 4-5, along a 150.27 ft. spiral curve to the right, having a central angle of spiral of 4°06', on the center line of Lake Mary Road, the chord of said arc bears N. 51°33' W., 2.276 chs. dist.
2.277	Point for Angle Point 5, sec. 19, identical with the point of Spiral to Curve, not monumented.

Metes-and-Bounds Survey in Section 19,
T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Thence, on line 5-6, along a circular curve to the right, having a central angle of 47°26', a radius of 1050.00 ft., on the center line of Lake Mary Road, the chord of said arc bears N. 25°06' W., 12.798 chs. dist.
13.171	Point for Angle Point 6, sec. 19, identical with the point of Curve to Spiral, not monumented.
	Thence, on line 6-7, along a 150.27 ft. spiral curve to the right, having a central angle of spiral of 4°06', on the center line of Lake Mary Road, the chord of said arc bears N. 1°21' E., 2.276 chs. dist.
2.277	Point for Angle point 7, sec. 19, identical with the point of Spiral to Tangent, not monumented.
	N. 2°43' E., on line 7-8, along the center line of Lake Mary Road.
17.941	Point for Angle Point 8, sec. 19, identical with the point of Tangent to Spiral, not monumented.
	Thence, on line 8-9, along a 150.27 ft. spiral curve to the left, having a central angle of spiral of 4°06', on the center line of Lake Mary Road, the chord of said arc bears N. 2°37' E., 0.587 ch. dist.
0.587	Angle Point 9, sec. 19, hereinbefore described.

GENERAL DESCRIPTION

The area encompassed by this survey lies approximately 33 miles southeast of Flagstaff, Arizona, within the Coconino National Forest. Access is by way of Lake Mary Road, a paved county road, running northwest and southeast through section 19. Most of the area is covered with scattered stands of pine timber. The average elevation is 7,600 feet above sea level. There are a number of cabins and log homes in the western portion of section 20.

There is no evidence of mineral activity in the area. The only noted use is grazing.

The mean magnetic declination was observed to be 14° E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Hansen	Surveying Technician

CERTIFICATE OF SURVEY

I, Dale C. Wilson, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 5th day of June, 2001, I have dependently resurveyed a portion of the subdivisional lines and executed a metes-and-bounds survey in section 19, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. 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.

10/29/01
(Date)

Dale C. Wilson
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and a metes-and-bounds survey in section 19, T. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona, executed by Dale C. Wilson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

November 30, 2001
(Date)

Kenny D. Rawnkar
(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. 16 N., R. 9 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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