BOOK 5400

### **ORIGINAL**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

#### DEPENDENT RESURVEY

	OF
	A PORTION OF THE NORTH BOUNDARY,
	A PORTION OF THE SUBDIVISIONAL LINES,
	AND
	THE SUBDIVISION OF SECTION 6,
	IN
	TOWNSHIP 18 NORTH, RANGE 5 WEST
Of the	Gila and Salt River Meridian,
In the State of	
	EXECUTED BY
Paul L. Reeves	Cadastral Surveyor

Under Special Instructions dated <u>April 24, 1984</u>, approved <u>April 24, 1984</u>, which provided for the surveys included under Group Number <u>656</u>, and assignment instructions dated <u>April 26, 1984</u>.

Survey Commenced <u>July 30, 1984</u> Survey Completed <u>July 13, 1993</u>

BOOK 5400 INDEX DIAGRAM

TOWNSHIP 18 NORTH , RANGE 5 WEST , 

Subdivision of Section 6, pp. 9-12

#### T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

#### **CHAINS**

The following field notes describe the dependent resurvey of a portion of the north bdy., a portion of the subdivisional lines, and the subdivision of section 6, in Township 18 North, Range 5 West, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: The exterior bdys. and the subdivisional lines were surveyed by Omar H. Case in 1872. The S. bdy. was resurveyed by Thomas W. Bates in 1918. The subdivisional lines were resurveyed by Benjamin J. Mollette in 1934. The W. bdy. was resurveyed by Paul L. Reeves in 1984.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 24, 1984, for Group No. 656, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the 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.

This resurvey identifies that portion of the bdy. of Tps. 18 and 19 N., R. 5 W., between the 1/4 sec. cor. of sec. 5, only, T. 18 N., R. 5 W., and the cor. of Tps. 18 and 19 N., Rs. 5 and 6 W. During the course of this resurvey, it was discovered that a double set of corners exist along the north boundary of T. 18 N., R 5 W. One set was established during the original survey of T. 18 N., R. 5 W., executed in 1872 by Omar H. Case, in which the corners were common for Tps. 18 and 19 N., R. 5 W. The 1918 resurvey executed by Thomas W. Bates failed to recover any of the 1872 monuments from the 1/4 sec. cor. of secs. 5 and 32, westerly to the Tp. cor. Mr. Bates then established cors. for the Tp. to the north and separate cors. for the Tp. to the south.

Lot 5, Section 6, Township 18 North, Range 5 West, was patented in 1877, based on the 1872 survey, and is the only patented land in sec. 6. All of Section 31, Township 19 North, Range 5 West, was patented in 1922, based on the 1918 resurvey. The following plan of survey was adopted. The 1918 resurvey supersedes that portion of the 1872 survey from the 1/4 sec. cor. of sec. 5 only, westerly to the township corner. Section 6, T. 18 N., R. 5 W., is subdivided utilizing the original 1872 corner positions to the extent necessary to protect the patent of Lot 5. The 1918 corner positions pertaining to sec. 6 control the lines between the following cors. and the north bdy. of the township: 1/4 sec. cor. of secs. 5 and 6, the center N 1/16 sec. cor. of sec. 6, and the NW 1/16 sec. cor. of sec. 6.

#### T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

#### CHAINS

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian.

The geographic position of the 1/4 sec. cor. of secs. 1 and 6, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "JUNIPER MESA 1935", located in the NW quarter of section 12, T. 18 N., R. 6 W., is as follows:

Latitude: 34°58'30.46" N. Longitude: 112°50'25.73" W. NAD27

The mean magnetic declination as taken from quadrangle map Indian Peak, ARIZ., published in 1986 by U.S. Geological Survey, is 14 1/2° E.

Dependent Resurvey of a Portion of the North Boundary, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

## Restoring the resurvey executed by Thomas W. Bates, in 1918

From the 1/4 sec. cor. of sec. 5 only, monumented with an iron post, 1 in. diam., projecting 28 ins. above the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd. 1/4 S5 1918, from which bearing trees of unknown origin

- A juniper, 9 ins. diam., bears S. 20° E., 39 lks. dist., mkd. 1/4 S5 BT.
- A juniper, 6 ins. diam., bears S. 55° W., 38 lks. dist., mkd. BT on a partially healed blaze.

Not remonumented.

Cor. is located 2 1/2 lks. N. of a fence, bears E. and W.

This cor. position was apparently remonumented and accessories marked during Thomas W. Bates's 1918 resurvey of T. 18 N., R. 5 W. Mr. Bates recovered the 1872 stone corner, set for the 1/4 sec. cor. of secs. 5 and 32, at this position. There is no official record of this cor. being remonumented.

S. 88°17' W., on the N. bdy. of the Tp.

Over rolling land, through moderate juniper and pinon pine.

34.06

The cor. of secs. 31 and 32 only, monumented with an iron post, 3 ins. diam., projecting 14 ins. above the ground, with brass cap mkd. T19N R5W S31 S32 T18N R5W 1918, from which the 1918 bearing trees

Dependent Resurvey of a Portion of the North Boundary, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

#### CHAINS

- A juniper, 14 ins. diam., bears N. 49° E., 46 lks. dist., mkd. T19N R5W S32 BT. (Record: 47 lks. dist.)
- A pinon pine, 13 ins. diam., bears N. 27 1/2° W., 48 lks. dist., mkd. T19N R5W S31 BT. (Record: 49 lks. dist.)

Add the marks S5 1984 to the brass cap.

Cor. is located 1 lk. N. of a fence, bears E. and W.

S. 88°56' W., on the N. bdy. of the Tp.

4.38

The cor. of secs. 5 and 6 only, monumented with an iron post, 3 ins. diam., projecting 10 ins. above the ground, in a mound of stone, 6 ft. base, to top, with brass cap mkd. T19N R5W S5 S6 T18N R5W 1918, from which the 1918 bearing trees

- A pinon pine, 8 ins. diam., bears S. 32° E., 87 lks. dist., with illegible marks on a partially healed blaze.
- A dead and down pinon pine, 5 ins. diam., bears S. 57 1/4° W., 39 lks. dist., mkd. T18N R5W S6 BT. (Record: 38 lks. dist.)

Cor. is located 2 lks. S. of a fence, bears E. and W.

From this cor. point, the cor. of secs. 5, 6, 31 and 32, established in 1872, bears N. 14°13' W., 1.81 chs. dist., monumented with a volcanic stone, 14 x 14 x 6 ins., loosely set, mkd. with 5 grooves on the E. face and 1 groove on the W. face, with a mound of stone, 2 ft. base, 2 ft. high, W. of the cor., from which the original bearing trees

- A dead standing juniper, 8 ins. diam., bears S. 3 1/2 ° E., 38 lks. dist., mkd. TXVIII, other mks. illegible. (Record: SE, 36 lks. dist.)
- A juniper, 16 ins. diam., bears S. 68° W., 72 lks. dist., mkd. TXVIIIN RVW SVI BT. (Record: S. 40° W., 60 lks. dist.)

Cor. is located in an old abandoned fence, bears E. and W.

Bury the stone in place, scatter the mound of stone and deface the bearing trees.

S. 88°28' W., on the N. bdy. of the Tp.

Over rolling land, through juniper and pinon pine.

Dependent Resurvey of a Portion of the North Boundary, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

	1. 10 N., K. J W., Gila and Sait River Meridian, Arizona
CHAINS 35.69	The 1/4 sec. cor. of sec. 31 only, T. 19 N., R. 5 W., monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. 1/4 S31 1918, from which the 1918 bearing trees
	A Utah juniper, 9 ins. diam., bears N. 5 1/2° E., 42 lks. dist., mkd. 1/4 S31 BT. (Record: 43 lks. dist.)
	A Utah juniper, 6 ins. diam., bears N. 55 1/2° W., 61 lks. dist., mkd. 1/4 S31 BT. (Record: 62 lks. dist.)
	Add the marks T19N R5W T18N R5W S6 1993 to the brass cap.
	S. 88°26' W., beginning new measurement.
3.61	The 1/4 sec. cor. of sec. 6 only, monumented with an iron post, 1 in. diam., projecting 8 ins. above the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. 1/4 S6 1918, from which the 1918 bearing trees
	A dead Utah juniper, 12 ins. diam., bears S. 33° E., 49 lks. dist., mkd. 1/4 S6 BT.
	A Utah juniper, 12 ins. diam., bears S. 66° W., 55 lks. dist., mkd. 1/4 S6 BT.
	From this cor. point, the 1/4 sec. cor. of secs. 6 and 31, established in 1872, bears N. 56°26' W., 2.86 chs. dist., monumented with a Utah juniper, 5 ins. diam., in a mound of stone, 1 1/2 ft. base, 1 ft. high, mkd. 1/4 S on the N. and S. faces, from which the original bearing tree
	A Utah juniper, 16 ins. diam., bears N. 35° W., 20 lks. dist., mkd. 1/4 BT. (Record: N. 45° E.)
	Deface the corner tree and bearing tree.
	Cor. is located in an abandoned fence, bears E. and W.
	S. 88°37' W., beginning new measurement.
19.63	Point for the W 1/16 sec. cor. of sec. 6 only, on the N. bdy. of the Tp. Not monumented.
	From this cor. point, the point for the W 1/16 sec. cor. of secs. 6 and 31, Tps. 18 and 19 N., R. 5 W., in reference to the 1872 survey, bears N. 56°27' W., 1.39 chs. dist.

Dependent Resurvey of a Portion of the North Boundary, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

#### 38.38

The cor. of Tps. 18 and 19 N., Rs. 5 and 6 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. T19N R6W T19N R5W T18N R5W T18N R6W S36 S31 S6 S1 1984 1918, witnessed as described in the dependent resurvey of the E. bdy., T. 18 N., R.6 W., executed concurrently under this same group.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by Benjamin J. Mollette, in 1934

From the cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2 ins. diam., projecting 10 ins. above the ground, in a mound of stone, 6 ft. base, to top, with brass cap mkd. T18N R5W S5 S6 S7 S8 1934, from which the 1934 bearing trees

- A juniper, 6 ins. diam., bears N. 15° E., 109 lks. dist., mkd. T18N R5W S5 BT. (Record: 108 lks. dist.)
- A Utah juniper, 8 ins. diam., bears S. 9° E., 159 lks. dist., mkd. T18N R5W S8 BT.
- A Utah juniper, 6 ins. diam., bears S. 21° W., 125 lks. dist., mkd. T18N R5W S7 BT. (Record: S. 19° W., 127 lks. dist.)
- A Utah juniper, 10 ins. diam., bears N. 59° W., 74 lks. dist., mkd. T18N R5W S6 BT. (Record: 72 lks. dist.)

Not remonumented.

S. 83°56' W., bet. secs. 6 and 7.

Over rolling land, through juniper and pinon pine.

38.46

The 1/4 sec. cor. of secs. 6 and 7, monumented with an iron post, 1 in. diam., projecting 4 ins. above the ground, in a mound of stone, 1 1/2 ft. base, to top, with brass cap mkd. 1/4 S6 S7 1934, from which the 1934 bearing trees

- A Utah juniper, 8 ins. diam., bears N. 25 1/2° E., 92 lks. dist., mkd. 1/4 S6 BT.
- A Utah juniper, 14 ins. diam., bears S. 86 1/4° E., 123 lks. dist., mkd. 1/4 S7 BT.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Not remonumented.
	S. 83°55' W., beginning new measurement.
37.87	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the tp., monumented with an aluminum tablet, 3 1/4 ins. diam., set in a basalt boulder, 6 1/2 x 6 1/2 x 1 1/2 ft. high, mkd. T18N R5W R6W S1 S6 S7 S12 1984, witnessed as described in the 1984 resurvey of the E. bdy. of T. 18 N. R. 6 W., executed concurrently under this same group.
	From the cor. of secs. 5, 6, 7 and 8.
	North, bet. secs. 5 and 6.
	Over rolling rocky land, through juniper and pinon pine.
38.69	Point for the 1/4 sec. cor. of secs. 5 and 6, at proportionate distance; there is no remaining evidence of the original cor.
	From this cor. point, the 1/4 sec. cor. of secs. 5 and 6, reestablished in the 1934 resurvey utilizing the 1918 position for the cor. of secs. 5 and 6, only, on the N. bdy. of the Tp., as control, bears S. 4°53' E., 1.88 chs. dist., monumented with an iron post, 1 in. diam., projecting 36 ins. above the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd. 1/4 S5 S6 1934, from which the 1934 bearing trees
	A Utah juniper, 7 ins. diam., bears S. 50° E., 12 lks. dist., mkd. BT. (Record: S. 43° E., 11 lks. dist.)
	A Utah juniper, 5 ins. diam., bears N. 76° W., 33 lks. dist., mkd. BT. (Record: N. 78° W., 35 lks. dist.)
	Remove the iron post and deface the bearing trees.
	Reset the 1934 iron post, 36 ins. long, 1 in. diam., 8 ins. in the ground, and in a mound of stone, 4 ft. base, 2 ft. high.
	from which
	A juniper, 6 ins. diam., bears N. 31° E., 67 lks. dist., mkd. 1/4 S5 BT.
	A juniper, 6 ins. diam., bears S. 39° W., 41 lks. dist., mkd 1/4 S6 BT.
	Add the marks T18N R5W 1984 to the brass cap.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post alongside the cor.
	From this same cor. point, the cor. of secs. 5, 6, 31 and 32, Tps. 18 and 19 N., R. 5 W., established in the 1872 survey, bears North, 38.49 chs. dist., hereinbefore described.
	N. 0°41' E., beginning new measurement
36.74	The cor. of secs. 5 and 6 only, hereinbefore described.
	Subdivision of Section 6, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 6 and 7.
	N. 2°09' W., on the N. and S. center line of sec. 6.
	Over rolling land, through juniper and pinon pine.
39.63	Point for the center 1/4 sec. cor. of sec. 6, at intersection with the E. and W. center line of sec. 6.
	Set an iron post, 2 1/2 ins. diam., 28 ins. long, 24 ins. in the ground, with brass cap mkd.
	T18N R5W C1/4 S6 1984
	from which
	A Utah juniper, 5 ins. diam., bears S. 4° E., 81 lks. dist., mkd. C 1/4 S6 BT.
	A Utah juniper, 8 ins. diam., bears N. 39° W., 124 lks. dist., mkd. C 1/4 S6 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
	Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
	Set a steel fence post alongside the cor.
59.89	Point for the center N 1/16 sec. cor. of sec. 6.

#### Subdivision of Section 6, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

CHAINS	Set an aluminum rod, 1 in. diam., 28 ins. long, 15 ins. in the ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd.
	T18N R5W
	С
	N 1/16   S6 C
	1984
	from which
	A pinon pine, 6 ins. diam., bears N. 1/2° E., 3 lks. dist., mkd. CN 1/16 S6 BT.
	A pinon pine, 6 ins. diam., bears S. 24° W., 40 lks. dist., mkd. CN 1/16 S6 BT.
	Set a steel fence post alongside the cor.
	From this cor. point, the 1/4 sec. cor. of secs. 6 and 31, Tps. 18 and 19 N., R. 5 W., established in the 1872 survey, bears N 2°09' W., 20.16 chs. dist., hereinbefore described.
	N. 5°06' E., beginning new measurement.
18.63	The 1/4 sec. cor. of sec. 6 only, on the N. bdy., of the Tp., established in the 1918 resurvey, hereinbefore described.
	From the 1/4 sec. cor. of secs. 5 and 6.
	S. 85°28' W., on the E. and W. center line of sec. 6.
	Over rolling land, through juniper and pinon pine.
39.84	The center 1/4 sec. cor. of sec. 6.

58.99 Point for the center W 1/16 sec. cor. of sec. 6.

Set an aluminum rod, 1 in. diam., 28 ins. long, 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with aluminum cap mkd.

from which

Subdivision of Section 6, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

CHAINS	A Utah juniper, 4 ins. diam., bears S. 28° W., 18 lks. dist., mkd. X BT.
	A Utah juniper, 13 ins. diam., bears N. 3° W., 73 lks. dist., mkd. CW 1/16 S6 BT.
	Set a steel fence post alongside the cor.
	Cor. is located 33 lks. S. of a track road, bears NE. and SW.
77.33	The 1/4 sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp., monumented with an iron post, 1 in. diam., projecting 7 ins. above the ground, in a mound of stone, 1 1/2 ft. base, to top, with brass cap mkd. 1/4 S1 S6 1984 1934, witnessed as described in the 1984 dependent resurvey of the E. bdy. of T. 18 N., R. 6 W., executed concurrently under this same group.
	From this cor. point, triangulation station "JUNIPER MESA 1935", bears S. 40°44'10" W., 95.21 chs. dist., monumented with a stan. brass tablet, 3 ins. diam., set in a limestone outcropping, 12 x 8 ft., with top mkd. JUNIPER MESA 1935.
	NW 1/16, Sec. 6
	From the center W 1/16 sec. cor. of sec. 6.
	N. 1°09'W., on the N. and S. center line of the NW 1/4 of sec. 6.
20.34	Point for the NW 1/16 sec. cor. of sec. 6, at intersection with the E. and W. center line of the NW 1/4 of sec. 6.
	Set an aluminum rod, 1 in. diam., 28 ins. long, 25 ins. in the ground, with aluminum cap mkd.
	T18N R5W NW1/16 S6 1984
	from which
	A Utah juniper, 11 ins. diam., bears S. 64° E., 37 1/2 lks. dist., mkd. NW 1/16 S6 BT.
	A Utah juniper, 4 ins. diam., bears N. 39 1/2° W., 68 lks. dist., mkd. X BT.
	Set a steel fence post alongside the cor.

Subdivision of Section 6, T. 18 N., R. 5 W., Gila and Salt River Meridian, Arizona

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CHAINS	From this cor. point, the point for the W 1/16 sec. cor. of secs. 6 and 31, Tps. 18 and 19 N., R. 5 W., in reference to the 1872 survey, bears N. 1°09' W., 20.28 chs. dist., hereinbefore described.
	N. 2°13' E., beginning new measurement.
19.52	Point for the W 1/16 sec. cor. of sec. 6 only, on the N. bdy. of the Tp., hereinbefore described.
	From the center N 1/16 sec. cor. of sec. 6.
	S. 85°39' W., on the E. and W. center line of the NW 1/4 of sec. 6.
18.78	The NW 1/16 sec. cor. of sec. 6.
36.76	The N 1/16 sec. cor. of secs. 1 and 6, on the W. bdy. of the Tp., monumented with a stainless steel post, projecting 8 ins. above the ground, with brass cap mkd. T18N R6W R5W N 1/16 S1 S6 1984, witnessed as described in the 1984 dependent resurvey of the E. bdy., T. 18 N., R. 6 W., executed concurrently under this same group.
	General Description
	The area resurveyed is approximately 30 miles NW of the city of Prescott, Az. The terrain is rolling with spotted timber. The main vegetation is prairie grasses, along with juniper and pinon pine. Access is by way of Forest Service roads. The mean elevation is approximately 6500 ft.
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# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

CIELU A	5515TANT5
NAMES	CAPACITY
Delbert L. Bybee	Surveying Technician
Cory A. Stolsig	Surveyor in Training
Ronald D. Williams	Survey Aid
Tracy J. Eaves	Survey Aid
Ronald L. Gronewold	Land Surveyor

## BOOK 54 00

#### CERTIFICATE OF SURVEY

I, Paul L. Reeves, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 24th day of April, 1984, I have dependently resurveyed a portion of the north boundary, a portion of the subdivisional lines, and the subdivision of section 6, in Township 18 North, Range 5 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 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.

Township 18 North, Range 5 W	ubdivisional lines, and the subdivision of section 6, in lest, Gila and Salt River Meridian, Arizona, executed by rveyor, having been critically examined and found
	the dependent resurvey of a portion of the north
	BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona
	CERTIFICATE OF APPROVAL
MAY 23 1994 (Date)	(Chief, Cadastral Field Section)
Paul L. Reeves is no longer	assigned to this office and is unavailable for signature
	Instructions for the Survey of the Public Lands of the ic manner described in the foregoing field notes.