

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

WITH THE

SURVEY OF SUBDIVISIONS IN SECTION 30,

TOWNSHIP 20 NORTH, RANGE 14 WEST,

Multiple horizontal lines for additional text or notes.

Of the GILA AND SALT RIVER Meridian,

In the State of ARTZONA

EXECUTED BY

HARRY K. SMITH, CADASTRAL SURVEYOR

Horizontal lines for signature or additional information.

Under special instructions dated DECEMBER 6, 19 79, approved DECEMBER 7, 1979,

Horizontal line for additional text.

_____, which provided for the surveys included under U.S. Survey/Group
Number 616, and assignment instructions dated DECEMBER 6, 19 79.

Horizontal line for additional text.

Survey commenced DECEMBER 10, 19 79

Survey completed DECEMBER 12, 19 79

1A

BOOK 5098

INDEX DIAGRAM

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Dependent Resurvey,
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

CHAINS

The west boundary was surveyed in 1874 by C. Burton Foster and resurveyed in 1916 by Howard G. Mason, U.S. Transitman. Mans H. Coffin, Jr., and Howard G. Mason, U.S. transitmen surveyed the subdivisional lines in 1916.

The following field notes are those of the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines, and the survey of subdivisions in section 30 of Township 20 North, Range 14 West, Gila and Salt River Meridian, Arizona.

The survey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 616, Arizona, dated December 6, 1979.

Preliminary to the resurvey the lines of previous surveys were retraced and all corners were recovered. The re-tracement data were thoroughly verified and only the true line field notes are given herein.

The directions of lines were determined by direct solar observations and refer to the true meridian. Distances were measured with an HP 3805 A.

The geographic position of the southeast corner of section 30, as scaled from the U.S. Geological Survey Quadrangle Map "Dean Peak, Ariz.," prepared in 1968, is as follows:

Latitude 35°04.8' N. Longitude 113°47.6' W.

The mean magnetic declination is 15°00' E.

Dependent Resurvey of a Portion of the West Boundary of
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

(Restoring the 1916 resurvey executed by Howard G. Mason)

Beginning at the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., monumented with an iron post, 3 ins. diam., projecting 14 ins. above ground, with brass cap mkd. as described in the official record of the 1916 resurvey of the W. bdy. of T. 20 N., R. 14 W.

A mound of stone, 3 ft. base, 1 ft. high is W. of the cor.

N. 0°02' E., bet. secs. 25 and 30.

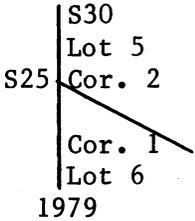
Over rolling hills, through dense undergrowth and scattering timber.

20.00 Point for the south 1/16 sec. cor. of secs. 25 and 30.

Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T20N
R15W R14W
S 1/16
S25|S30
1979

Dependent Resurvey of a Portion of the West Boundary of
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

CHAINS	
	<p>This cor. also functions as Cor. No. 2 of Lot 6 of sec. 30.</p>
33.40	<p>Wheeler Wash, 100 lks. wide, drains NE., curving E.</p>
34.405	<p>Point for Cor. No. 1 of Lot 6, identical with Cor. No. 2 of Lot 5, both of sec. 30.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.</p>
	
34.55	<p>Old track road, bears N. 75° E. and S. 75° W.</p>
38.50	<p>Center of an airstrip presently under construction, bears S. 70° E. and N. 70° W.</p>
40.00	<p>The 1/4 sec. cor. of secs. 25 and 30, monumented with an iron post, 1 in. diam., projecting 16 ins. above ground, with brass cap mkd. as described in the official record of the 1916 resurvey of the W. bdy. of T. 20 N., R. 14 W. A steel fence post, projecting 5 ft. above ground is SE of the cor.</p> <p>This cor. also functions as Cor. No. 1 of Lot 5, sec. 30.</p>
	<hr/> <p>North, beginning new measurement.</p>
39.92	<p>The cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 3 ins. diam., projecting 17 ins. above ground, with brass cap mkd. as described in the official record of the 1916 resurvey of the W. bdy. of T. 20 N., R. 14 W.</p>
	<hr/> <p>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona</p>
	<p>(Restoring the 1916 survey executed by Mans H. Coffin, Jr., and Howard G. Mason)</p>
	<hr/> <p>From the cor. of secs. 29, 30, 31 and 32, monumented with an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1916 survey.</p>
	<p>Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of the cor.</p>
	<p>S. 89°50' W., bet. secs. 30 and 31.</p>
	<p>Over mountainous land, through dense undergrowth and scattering timber.</p>
39.77	<p>The 1/4 sec. cor. of secs. 30 and 31, monumented with an iron post, 1 in. diam., projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1916 survey.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

	CHAINS	
		<p>Raise a mound of stone, 3½ ft. base, 1 ft. high, N. of the cor.</p> <hr/> <p>S. 89°35' W., beginning new measurement.</p>
	17.60	Spur, slopes NE.
	20.005	<p>Point for the west 1/16 sec. cor. of secs. 30 and 31.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 16 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;">T20N R14W W 1/16 $\frac{S30}{S31}$ 1979</p> <p>from which</p> <p style="text-align: center;">A juniper, 12 ins. diam., bears S. 45° W., 50 lks. dist., mkd. W 1/16 S31 BT.</p>
	36.65	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., heretofore described.
		<hr/> <p>From the cor. of secs. 29, 30, 31 and 32.</p> <p>N. 0°19' W., bet. secs. 29 and 30.</p> <p>Over mountainous land, through dense undergrowth.</p>
	1.50	Wheeler Wash, drains SE.
	39.71	The 1/4 sec. cor. of secs. 29 and 30, monumented with an iron post, 1 in. diam., projecting 15 ins. above a mound of stone, 2 ft. base, 6 ins. high, with brass cap mkd. as described in the official record of the 1916 survey.
		<hr/> <p>N. 0°19' E., beginning new measurement.</p>
	39.84	<p>The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., projecting 24 ins. above a mound of stone, 2 ft. base, 8 ins. high, with brass cap mkd. as described in the official record of the 1916 survey.</p> <p>Rebuild the mound of stone around the iron post, 3 ft. base, 2 ft. high.</p> <hr/> <p>S. 89°52' W., bet. secs. 19 and 30.</p> <p>Over rolling hills, through dense undergrowth.</p>
	39.83	<p>The 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 1 in. diam., projecting 18 ins. above ground, with brass cap mkd. as described in the official record of the 1916 survey.</p> <p>Raise a mound of stone, 2½ ft. base, 1 ft. high, N. of the cor.</p> <hr/> <p>N. 89°53' W., beginning new measurement.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

CHAINS	
36.54	The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., heretofore described.
Subdivision of Section 30, T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona	
	From the 1/4 sec. cor. of secs. 30 and 31.
	N. 0°03' W., on the N. and S. center line of sec. 30.
	Over rolling mountainous land, through dense undergrowth and scattering timber.
15.00	Wheeler Wash, drains SE. (scaled)
19.89	Point for the center S 1/16 sec. cor. of sec. 30, falls in the shoulder of an airstrip presently under construction; not monumented.
21.60	Center of an airstrip under construction, bears S. 70° E. and N. 70° W.
39.78	Point for the center 1/4 sec. cor. of sec. 30, at intersection with the E. and W. center line of sec. 30.
	Set an iron post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.
	T20N R14W C 1/4 S30 1979
	from which
	A pinyon, 5 ins. diam., bears S. 27 1/4° E., 33 lks. dist., mkd. C 1/4 S30 BT.
41.60	Ridge, bears S. 80° E. and N. 80° W.
79.58	The 1/4 sec. cor. of secs. 19 and 30.
From the 1/4 sec. cor. of secs. 29 and 30.	
	S. 89°55.6' W., on the E. and W. center line of sec. 30.
	Over rolling mountainous land, through medium undergrowth.
39.58	The center 1/4 sec. cor. of sec. 30.
59.607	Point for the center W 1/16 sec. cor. of sec. 30.
	Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	T20N R14W C W 1/16 C S30 1979
	from which
	A juniper, 9 ins. diam., bears S. 65 1/4° W., 42 lks. dist., mkd. CW 1/16 S30 BT.

Subdivision of Section 30,
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

CHAINS	
	<p>This cor. also functions as Cor. No. 4, of Lot 5 of sec. 30.</p>
76.16	<p>The 1/4 sec. cor. of secs. 25 and 30, on the W. bdy. of the Tp., heretofore described.</p>
<hr/> <p>SW 1/4, Section 30</p> <hr/>	
	<p>From the W 1/16 sec. cor. of secs. 30 and 31.</p> <p>N. 0°06' W., on the N. and S. center line of the SW 1/4 of sec. 30.</p> <p>Over rolling land, through dense undergrowth and scattering timber.</p>
19.949	<p>Point for the SW 1/16 sec. cor. of sec. 30, at intersection with the E. and W. center line of the SW 1/4 of sec. 30.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T20N R14W SW 1/16 S30 1979</p> <p>from which</p> <p style="text-align: center;">A juniper limb, 6 ins. diam., bears N. 55° E., 11.5 lks. dist., mkd. SW 1/16 S30 BT.</p>
	<p>This cor. also functions as Cor. No. 3 of Lot 6 of sec. 30.</p>
24.936	<p>Point for the center S-N-SW 1/256 sec. cor. of sec. 30.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S30 C-S-N-SW 1/256 1979</p>
	<p>Raise a mound of stone, 4 ft. base, 2½ ft. high, W. of the cor.</p> <p>This cor. also functions as Cor. No. 3 of Lot 5, identical with Cor. No. 4 of Lot 6, both of sec. 30.</p> <p>From this point, Cor. No. 2 of Lot 5, identical with Cor. No. 1 of Lot 6, both of sec. 30, bears N. 60°35.2' W., 19.035 chs. dist., heretofore described.</p>
25.50	<p>Wheeler Wash, drains easterly.</p>
30.50	<p>Center of an airstrip presently under construction, bears S. 70° E. and N. 70° W.</p>
39.898	<p>The center W 1/16 sec. cor. of sec. 30.</p> <hr/> <p>From the point for the center S 1/16 sec. cor. of sec. 30.</p>

Subdivision of Section 30,
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

CHAINS	
	<p>S. 89°45.6' W., on the E. and W. center line of the SW 1/4 of sec. 30.</p>
	<p>Over rolling land, through dense undergrowth and scattering timber.</p>
10.007	<p>Point for the center E-SW 1/64 sec. cor. of sec. 30.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">S30 C-E-SW 1/64 1979</p>
11.50	<p>Wheeler Wash, drains easterly. (scaled)</p>
20.014	<p>The SW 1/16 sec. cor. of sec. 30, identical with Cor. No. 3 of Lot 6.</p>
36.612	<p>The S 1/16 sec. cor. of secs. 25 and 30, identical with Cor. No. 2 of Lot 6 of sec. 30, on the W. bdy. of the Tp., heretofore described.</p>
	<hr/> <p>From the center E-SW 1/64 sec. cor. of sec. 30.</p>
	<p>N. 0°03' W., on the N. and S. center line of the NE 1/4 of the SW 1/4.</p>
	<p>Over rolling land, through dense undergrowth.</p>
4.98	<p>Point for the center S-NE-SW 1/256 sec. cor. of sec. 30, falls in the S. shoulder of an airstrip presently under construction; not monumented.</p>
	<hr/> <p>S. 89°48' W., on the E. and W. center line of the SW 1/4 of the NE 1/4 of the SW 1/4.</p>
	<p>Over rolling land, through dense undergrowth and scattering timber.</p>
9.50	<p>Wheeler Wash, drains SE, curving easterly.</p>
10.008	<p>The center S-N-SW 1/256 sec. cor. of sec. 30, identical with Cor. No. 3 of Lot 5 and Cor. No. 4 of Lot 6, both of sec. 30.</p>
	<p style="text-align: center;">GENERAL DESCRIPTION</p>
	<p>The land encompassed in this survey is located about sixteen miles southeast of Kingman, Arizona. Wheeler Wash drains southeasterly through the south one-half of section 30. Elevation ranges from about 4,300 to 5,000 feet above sea level. There is a dense cover of undergrowth, consisting of oak brush, apple brush and cacti, with thinly scattered juniper, pinyon and crucifixion trees. The land varies from rolling to mountainous, with most of the soil being rocky and shallow.</p>

Dependent Resurvey
T. 20 N., R. 14 W., Gila and Salt River Mer., Arizona

CHAINS

An airstrip is presently under construction in the SW 1/4 of section 30.

There is no active mining in the area, however, much of the area has been monumented with mining claims.

The mean magnetic declination throughout the working area was found to be 15° E., with a range of 2° in local attraction.

CHAINS

CERTIFICATE OF SURVEY

(I) ~~(XX)~~, Harry K. Smith, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 6th day of December, 19 79, (I) ~~(XX)~~ have dependently resurveyed a portion of the west boundary, a portion of the subdivisional lines, and surveyed subdivisions in section 30 of Township 20 North, Range 14 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), ~~(XX)~~ and under (my) ~~(XXX)~~ 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.

January 15, 1980
(Date)

Harry K. Smith
Cadastral Surveyor

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines, and the survey of subdivisions in section 30 of T. 20 N., R. 14 W., of the Gila and Salt River Meridian, Arizona,

executed by Harry K. Smith, Cadastral Surveyor,

having been critically examined and found correct, are hereby approved.

JAN 28 1980
(Date)

J. J. [Signature]
(Chief, Cadastral Survey Examination and Approval Staff)

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)