

ORIGINAL

1 BOOK 5345

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY

OF

A PORTION

OF THE

SOUTH BOUNDARY, (FIFTH STANDARD PARALLEL NORTH),

TOWNSHIP 21 NORTH, RANGE 14 WEST

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

EXECUTED BY

William P Carpender, Cadastral Surveyor

Under Special Instructions dated May 23, 1986, approved May 23, 1986,
which provided for the surveys included under Group Number 680 and assignment
instructions dated February 18, 1987.

Survey commenced March 9, 1987

Survey completed May 6, 1987

INDEX DIAGRAM

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T. 21 N., R. 14 W., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p>The following field notes describe the dependent resurvey of a portion of the south boundary, (Fifth Standard Parallel North), of T. 21 N., R. 14 W. of the Gila and Salt River Meridian, Arizona.</p> <p>The South boundary, (Fifth Standard Parallel North), T. 21 N., R. 14 W., was surveyed in 1872 by Omar H. Case, and resurveyed in 1911 by Jesse B. Wright. The West boundary of T. 20 N., R. 14 W. was surveyed in 1874 by C. Burton Foster, and resurveyed in 1916 by Howard G. Mason.</p> <p>The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated May 23, 1986, and Assignment Instructions dated February 18, 1987, for Group No. 680, Arizona.</p> <p>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.</p> <p>The directions of all lines were determined by hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Zeiss Elta 46 Total Station Instrument.</p> <p>The geographic position of the standard cor. of secs. 31 and 36 T. 21 N., Rs. 14 and 15 W., as determined from the United States Department of the Interior Geological Survey 7.5 minute Quadrangle, Hualapai Peak NE, 1968 is as follows:</p> <p>NAD 27 Latitude: 35°09'08" N. Longitude : 113°48'58" W.</p> <p>The mean magnetic declination as shown on HUALAPI PEAK NE, ARIZ. quadrangle map, published by U.S. Geological Survey in 1968 is 15° E.</p>
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Dependent Resurvey,
 Portion of the S. Bdy., (Fifth Standard Parallel North),
 T. 21 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the resurvey executed by Jesse B. Wright, U.S. Surveyor, in 1911</p> <hr style="width: 20%; margin: auto;"/>
	<p>Beginning at the stan. cor. of secs. 31 and 32, monumented with an iron pipe, 3 ins. diam., firmly set, projecting 13 ins. from the ground, with brass cap mkd. as described in the field note record of the 1911 resurvey.</p>
	<p>S. 89°59' W., on the S. bdy. of sec. 31.</p>
	<p>Over nearly level land, through dense scruboak brush and scattered juniper trees, along a fence.</p>
6.70	<p>Wash, 175 lks. wide, drains NE, begin gradual ascent over rolling land, slopes S.</p>
21.91	<p>A rebar, 1/2 in. diam., firmly set, projecting 3 ins. from the ground, with a yellow plastic cap mkd. LS 11752, set by David S. McLaughlin, Registered Land Surveyor No.11752, Arizona. This monument is recorded on page 6 of 6 of Parcel Plat CEDAR HILLS RANCHES, UNIT 2, filed in book 2, pages 26 through 26E of Parcel Plats, at the office of the Recorder of Mohave County, Kingman, Arizona.</p>
	<p>Cor. is located in a fence cor., fences extend E., W., and NW.</p>
22.90	<p>End gradual ascent, continue over gently rolling land, slopes gently N.</p>
35.75	<p>Wash, 12 lks. wide, drains NE.</p>
39.99	<p>The stan. 1/4 sec. cor. of sec. 31, determined by David S. McLaughlin, Registered Land Surveyor No.11752, Arizona, monumented with a rebar, 1/2 in. diam., 19 ins. long, firmly set, projecting 4 ins. from the ground, with a yellow plastic cap mkd. LS 11752. This monument is recorded on page 6 of 6 of Parcel Plat CEDAR HILLS RANCHES, UNIT 2, filed in book 2, pages 26 through 26E of Parcel Plats, at the office of the Recorder of Mohave County, Kingman, Arizona. This is accepted as a careful and faithful determination of the original cor. position.</p>
	<p>From this cor. point, the 1911 monument, an iron post, 1 in. diam., 36 ins. long, laying loose on the ground, bears N. 10 1/4° W., 95 lks. dist., with brass cap mkd. SC 1/4 S31 1911. This position is not utilized in this survey.</p>

Dependent Resurvey,
Portion of the S. Bdy., (Fifth Standard Parallel North),
T. 21 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
	At the cor. point
	Reset the iron post, 36 ins. long, 1 ins. diam., 30 ins. in the ground, remark the brass cap to read.
	SC S31 1/4 <hr/> 1987 1911
	from which
	A magnet in a 1 x 1 x 2 5/8 in. orange colored plastic case, buried 12 ins. in the ground over a broken glass bottle, for a reference monument, bears N. 20 3/4° E., 22 lks. dist.
	A magnet in a 1 x 1 x 2 5/8 in. pink colored plastic case, buried 12 ins. in the ground over a glass bottle, for a reference monument, bears N. 21 3/4° W., 51 lks. dist.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the iron post.
	Deposit the rebar alongside the iron post.
	Raise a mound of stone, 3 1/2 ft. base, 3 ft. high, N. of cor.
	The cor. is located in a fence, bears E. and W.

	S. 89°59' W., beginning new measurement.
5.80	Wash, 100 lks. wide, drains NE.
7.20	Dim road on flat ridge, bears NE and SW.
8.76	The closing cor. of T. 20 N., Rs. 14 and 15 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. from the ground, with brass cap mkd. as described in the field note record of the dependent resurvey of a portion of the W. bdy. of T. 20 N., R. 14 W., executed concurrently under this same group.

Dependent Resurvey,
 Portion of the S. Bdy., (Fifth Standard Parallel North),
 T. 21 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 89°59' W., beginning new measurement.
	Ascend gradually over gently rolling land, slopes gently N.
3.65	Ridge, bears N. and S., descend gradually.
8.85	A rebar, 1/2 in. diam., firmly set, projecting 4 ins. from the ground, with a yellow plastic cap mkd. LS 11752, set by David S. McLaughlin, Registered Land Surveyor No.11752, Arizona. This monument is recorded on page 6 of 6 of Parcel Plat CEDAR HILLS RANCHES, UNIT 2, filed in book 2, pages 26 through 26E of Parcel Plats, at the office of the Recorder of Mohave County, Kingman, Arizona.
	The cor. is located in a fence cor., fences extend N., E., and S.
9.45	Center of Blake Ranch Road, 50 lks. wide, bears N. and S.
10.20	A rebar, 1/2 in. diam., firmly set, projecting 5 ins. from the ground, with a yellow plastic cap mkd. LS 11752, set by David S. McLaughlin, Registered Land Surveyor No.11752, Arizona. This monument is record on page 6 of 6 of Parcel Plat CEDAR HILLS RANCHES, UNIT 2, filed in book 2, pages 26 through 26E of Parcel Plats, at the office of the Recorder of Mohave County, Kingman, Arizona.
	The cor. is located in a fence, bears N. and S.
14.80	Wash, 56 lks. wide bears NE and SW.
17.75	Track road, 15 lks. wide, bears NE and SW.
21.25	Power line, bears SSE and NNW.
22.65	Track road, 11 lks. wide, bears NE and SW.
24.85	Track road, 11 lks. wide, bears SE and NW.
31.23	The stan. cor. of T. 21 N., Rs. 14 and 15 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. from the ground, with brass cap mkd., SC T21N R15W R14W S36 S31 1911.

Dependent Resurvey,
 Portion of the S. Bdy., (Fifth Standard Parallel North),
 T. 21 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS

Remark the brass cap to read

SC
 T21N
 R15W R14W
S36 ; S31
 1987
 1911

Set a steel fence post alongside the cor.

Raise a mound of stone, 3 ft. base, to top, around the cor.

GENERAL DESCRIPTION

The area surveyed is about 15 air miles East of Kingman, Arizona, and about 2 miles South of U.S. interstate Highway 40. Access is provided by Blake Ranch Road, Old Highway 93 (abandoned), and other dirt and gravel roads.

The elevation ranges from about 4,600 to 4,800 feet above sea level. The terrain consists of a series of low, broken ridges, with washes draining predominately Northeast, covered with a moderate growth of scruboak, and catclaw brush, with scattered juniper and pinyon pine trees. The soil is largely decomposed granite, sand and gravel.

The mean magnetic declination is 15° E., as shown on HUALAPAI PEAK NE, ARIZ. quadrangle map, published by U.S. Geological Survey in 1968.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert D. Begley	Land Surveyor in Training
Luke B. Granger	Survey Technician
Cheryl A. Baier	Survey Technician

CERTIFICATE OF SURVEY

I, William P. Carpender, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 23th day of May, 1986, I have Dependently resurvey a portion of the south boundary, (Fifth Standard Parallel North), of Township 21 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 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.

FEB. 27, 1992
(Date)

William P. Carpender
(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 south boundary, (Fifth Standard Parallel North), of Township 21 North, Range 14 West, Gila and Salt River Meridian, Arizona, executed by William P. Carpender, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAR 3 1992
(Date)

Jerry H. Tallent
Acting (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. 21 N., R. 14 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~