

ORIGINAL

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BOOK 5392

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF

A PORTION OF

THE SUBDIVISIONAL LINES

TOWNSHIP 29 NORTH, RANGE 6 EAST

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

EXECUTED BY
Clyde J. King, Cadastral Surveyor

Under Special Instructions dated August 27, 1992, approved August 27, 1992, which provided for the surveys included under Group Number 748 and assignment instructions dated April 22, 1993.

Survey commenced April 27, 1993
Survey completed May 11, 1993

INDEX DIAGRAM

TOWNSHIP 29 NORTH, RANGE 6 EAST,

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T. 29 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 29 North, Range 6 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: A completion survey of the East boundary, the easterly 2 miles of the North boundary and a portion of the subdivisional lines were surveyed by Dupree R. Averill in 1931.

This resurvey was executed in response to a request for survey made by the Kaibab National Forest dated July 28, 1992.

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 27, 1992, for Group No. 748, 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.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Topcon GTS-3B total station instrument.

The geographic position of the cor. of secs. 2, 3, 10, and 11, as determined by differential positioning using the Ashtech MXII Geodetic Positioning System. U. S. Geological Survey triangulation station "COCO 1936" was used as a control station.

Latitude: 35°55'10.35" N. Longitude: 111°43'31.32" W. NAD 27

The mean magnetic declination as taken from quadrangle map Coconino Point, ARIZ., published in 1962 by U.S. Geological Survey, is 14 1/2° E.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>Restoring the survey executed by Dupree R. Averill, in 1931</p> <hr/>
	<p>Beginning at the cor of secs. 2, 3, 10, and 11, monumented with an iron post, 2 ins. diam, firmly set, projecting 24 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. T29N R6E S3 S2 S10 S11 1931, from which the remains of the bearing trees</p> <p style="padding-left: 40px;">A dead pinon, 8 ins. diam., bears N. 37 3/4° E., 40 lks. dist., mkd. T29N R6E S2 BT on open blaze. (Record: N. 36° E.)</p> <p style="padding-left: 40px;">A pinon, 11 ins. diam., bears S. 58° E., 11 lks. dist., mkd. illegible marks on a partially healed blaze.</p> <p>Add the marks 1993 to the cap.</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A pinon, 9 ins. diam., bears N. 26° E., 108 lks. dist., mkd. T29N R6E S2 BT.</p> <p style="padding-left: 40px;">A pinon, 14 ins. diam., bears S. 41 1/2° W., 103.5 lks. dist., mkd. T29N R6E S10 BT.</p> <p style="padding-left: 40px;">A pinon, 12 ins. diam., bears N. 49° W., 113.5 lks. dist., mkd. T29N R6E S3 BT.</p> <p>N. 0°17' E., bet. secs. 2 and 3.</p> <p>Over mountainous land, through medium juniper and pinion.</p>
40.03	<p>The 1/4 sec. cor. of secs. 2 and 3, is determined at record bearing and dist. from a remaining original bearing tree</p> <p style="padding-left: 40px;">A pinon, 14 ins. diam., bears N. 86 3/4° W., 128 lks. dist., mkd. 4 S3 BT on a partially healed blaze.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T29N R6E 1/4 S3 S2 1993</p> <p>from which</p> <p style="padding-left: 40px;">A pinon, 7 ins. diam., bears N. 47° E., 12.5 lks. dist., mkd. 1/4 S2 BT.</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 12 lks. E. of a barbed wire fence, 4 strand, bears N. and S.</p> <p style="text-align: center;">_____</p> <p>N. 0°18' E., beginning a new measurement.</p> <p>Over mountainous land, through medium juniper and pinion.</p>
11.00	Center of U. S. Highway 64, pavement, 80 lks. wide, bears ENE and WSW.
40.43	<p>The cor of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, projecting 28 ins. above ground, with brass cap mkd. T30N R6E S2 S3 S34 S35 T29N 1931, from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A pinon stump, 10 ins. diam., bears N. 45° E., 66 lks. dist., mkd. BT on a partial blaze.</p> <p style="padding-left: 40px;">A pinon, 20 ins. diam., bears S. 23 1/2° E., 119 lks. dist., mkd. T29N R6E S2 BT on open blaze.</p> <p style="padding-left: 40px;">A pinon, 12 ins. diam., bears S. 26 1/2° W., 56 lks. dist., mkd. N R6E S3 BT on partially healed blaze.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS

A pinon, 14 ins. diam., bears N. 73 1/2° W., 39 lks. dist.,
mkd. T30N R6E S34 BT on open blaze.

Add the marks 1993 to the cap.

from which a new bearing tree

A pinon, 9 ins. diam., bears N. 16° E., 51 lks. dist.,
mkd. T30N R6E S35 BT.

Cor. is located in a barbed wire fence, 4 strand, bears N. and S.

Cor. is located 10.5 lks. S. of the center of a wash, drains
NNW.

GENERAL DESCRIPTION

This survey is located approximately 60 miles north of
Flagstaff Arizona. The elevation ranges from 6000 to 6700
feet above sea level.

The access to this area is by way of various Forest Service
roads that exit Arizona State Highway 64.

The soil is loam and vegetation is mostly pinion, juniper, and
sage brush.

There were no minerals noted in the surveyed area.

The following information is provided for informational purposes
only.

The geographic positions of the following points were determined
by differential positioning using Ashtech MXII Geodetic
Positioning System. U. S. Geological Survey Triangulation Station
"COCO 1936" was used as the control station. Coordinates refer to
the top of the monument. NAD 27.

Station	Latitude	Longitude
Cor. of secs. 2, 3, 34, and 35 on N. bdy.	35°56'02.848" N.	111°43'30.987" W.

UNITED STATES
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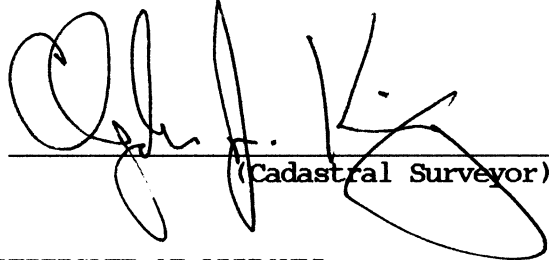
FIELD ASSISTANTS

NAMES	CAPACITY
Steven J. Buchanan	Surveying Technician
Jeffry A. Hill	Surveying Technician

CERTIFICATE OF SURVEY

I, Clyde J. King, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 27th day of August, 1992, I have dependently resurveyed a portion of the subdivisional lines of Township 29 North, Range 6 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.

12-15-93
(Date)



(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 29 North, Range 6 East, Gila and Salt River Meridian, Arizona, executed by Clyde J. King, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 21 1993
(Date)


(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. 29 N., R. 6 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~