

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF

A PORTION OF

THE SUBDIVISIONAL LINES

TOWNSHIP 30 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 30 NORTH, RANGE 6 EAST,

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T. 30 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 30 North, Range 6 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: 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. 13, 14, 23, and 24, 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°58'39.30" N. Longitude: 111°42'26.90" 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. 30 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Dupree R. Averill, in 1931</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the cor of secs. 13, 14, 23, and 24, monumented with an iron post, 2 ins. diam, firmly set, projecting 30 ins. above ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high, with brass cap mkd. T30N R6E S14 S13 S23 S24 1931.</p> <p>Add the marks 1993 to the cap.</p> <p>Cor. is located on a flat open mesa with sage brush and grass.</p> <p>N. 89°52' W., bet. secs. 14 and 23.</p> <p>Over nearly flat land, through sage brush, scattered juniper and pinion.</p>
39.91	<p>Point for the 1/4 sec. cor. of secs. 14 and 23, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T30N R6E S14 1/4 — S23 1993</p>
79.82	<p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Point was occupied by a rebar of unknown origin, 1/2 in. diam., firmly set, projecting 8 ins. above ground, in a collar of stone, deposit inside the stainless steel post.</p> <p>The cor. of secs. 14, 15, 22, and 23, monumented with an iron post, 2 ins. diam., firmly set, in a mound of stone, 5 ft. base 2 1/2 ft. high, projecting 36 ins above ground, with brass cap mkd. T30N R6E S15 S14 S22 S23 1931, from which the remains of the original bearing trees</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>A pinon, 10 ins. diam., bears N. 23° E., 144 lks. dist., mkd. T30N R6E S14 BT on a open blaze.</p> <p>A cedar, 10 ins. diam., bears S. 28° W., 83.5 lks. dist., mkd. T30N R6E S22 BT on open blaze. (Record: 81 lks.)</p> <p>A pinon, 13 ins. diam., bears N. 71 1/2° W., 130 lks. dist., mkd. T30N R6E S15 BT on open blaze. (Record: N. 72° W., 132 lks.)</p> <p>Add the marks 1993 to the cap.</p> <p>from which a new bearing tree</p> <p>A pinon, 11 ins. diam., bears S. 34° E., 79 lks. dist., mkd. T30N R6E S23 BT.</p> <p>Cor. is located 1.42 chs. N. of a ravine, drains ENE.</p>
40.00	<hr/> <p>N. 0°04' E., bet. secs. 14 and 15.</p> <p>Over rolling land, through medium juniper and pinion.</p> <p>The 1/4 sec. cor. of secs. 14 and 15, is determined at record bearing and dist. from the remaining bearing tree</p> <p>A pinon, 11 ins. diam., bears N. 14 1/4° W., 261 lks. dist., mkd. BT on a partially healed blaze.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T30N R6E 1/4 S15 S14 1993</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>from which a new bearing tree</p>
	<p>A pinon, 8 ins. diam., bears S. 73 3/4° W., 397.5 lks. dist., mkd. 1/4 S15 BT.</p>
	<p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p>
	<p>North, beginning a new measurement.</p>
	<p>Over rolling land, scattered pinon and juniper and pinion.</p>
39.99	<p>The cor of secs. 10, 11, 14, and 15, monumented with an iron post, 2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, projecting 24 ins. above ground, with brass cap mkd. T30N R6E S10 S11 S14 S15 1931.</p>
	<p>from which new bearing trees</p>
	<p>A pinon, 13 ins. diam., bears S. 48 3/4° E., 241 lks. dist., mkd. T30N R6E S14 BT.</p>
	<p>A pinon, 8 ins. diam., bears S. 25 3/4° W., 418 lks. dist., mkd. T30N R6E S15 BT.</p>
	<p>From the 1/4 sec. cor. secs. 9 and 10, monumented with an iron post, 1 in. diam., firmly set, in a mound of stone, 4 ft. base, 1 1/2 ft. high, projecting 23 ins. above ground, with brass cap mkd. 1/4 S9 S10 1931, from which the remains of the original bearing trees</p>
	<p>A pinon, 13 ins. diam., bears N. 36 1/2° E., 113 lks. dist., mkd. 1/4 S10 BT on open blaze.</p>
	<p>A dead and decaying pinon, 10 ins. diam., bears N. 77 1/2° W., 94 lks. dist., mkd. 1/4 S9 BT on open blaze.</p>
	<p>Add the marks T30N R6E 1993 to the cap.</p>
	<p>from which a new bearing tree</p>
	<p>A pinon, 6 ins. diam., bears S. 45 1/2° W., 71 lks. dist., mkd. 1/4 S9 BT.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS

From this cor. point, the cor. of secs. 10, 11, 14, and 15, bears
S. 63°24.2' E., 89.33 chs. dist.

Cor. is located on a ledge 2 chs. wide, bears NE and SW.

N. 0°03' W., bet. secs. 9 and 10.

Over mountainous land, through medium juniper and pinion.

39.97

The cor. of secs. 3, 4, 9, and 10, is determined at record
bearing and dist. from the remaining bearing tree

A pinon, 12 ins. diam., bears S. 79° E., 141 lks. dist.,
mkd. T30N R6E S10 BT on open blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
24 ins. in the ground, encircled with a collar stone, with brass
cap mkd.

T30N R6E	
S4	S3
S9	S10
1993	

from which new bearing trees

A pinon, 4 ins. diam., bears N. 72 1/4° E., 146 lks. dist.,
mkd. X BT.

A pinon, 6 ins. diam., bears S. 70 1/2° W., 135.5 lks.
dist., mkd. T30N R6E S9 BT.

A pinon, 4 ins. diam., bears N. 26° W., 73.5 lks. dist.,
mkd. X BT.

Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath
the stainless steel post.

An iron post 3 ft. long, 2 ins. diam., was lying loose on the
ground nearby, with brass cap mkd. T30N R6E S4 S3 S9 S10 1931,
deposit the iron pipe alongside the stainless steel post.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 30 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS	
39.88	<p>N. 89°40' W., bet. secs. 4 and 9.</p> <p>Over mountainous land, through medium juniper and pinion.</p> <p>The 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 1 in. diam., firmly set, in a mound of stone 3 ft. base, 2 ft. high, projecting 26 ins. above ground, with brass cap turned 180° and mkd. 1/4 S4 S9 1931, from which original bearing trees</p> <p style="padding-left: 40px;">A cedar stump, 9 ins. diam., bears S. 38 1/2° E., 79 lks. dist., no visible marks. (Record: 77 lks.)</p> <p style="padding-left: 40px;">A pinon, 8 ins. diam., bears N. 43 1/2° W., 270.5 lks. dist., illegible marks on partially healed blaze, (Record: N. 44 1/2° W., 272 lks.)</p> <p>Add the marks T30N R6E 1993 to the cap.</p> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A pinon, 7 ins. diam., bears S. 62° W., 122.5 lks. dist., mkd. 1/4 S9 BT.</p> <hr/>

T. 30 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

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
1/4 sec. cor. 4 and 9	36°00'23.943" N.	111°45'07.128" W.

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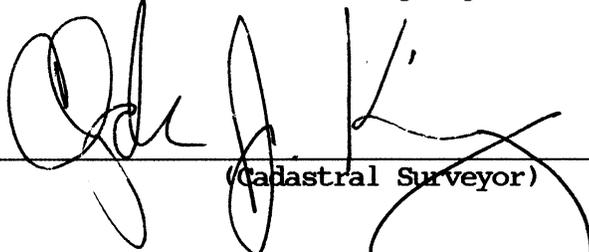
FIELD ASSISTANTS

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 30 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)

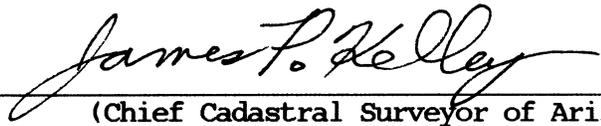
CERTIFICATE OF APPROVAL



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 30 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 2 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. 30 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)~~