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FIELD NOTES

DEPENDENT RESURVEY, PORTIONS OF

THE SOUTH BOUNDARY

AND

SUBDIVISIONAL LINES

AND

A SURVEY OF PARTIAL SUBDIVISION OF

SECTION 32

TOWNSHIP 7 NORTH, RANGE 30 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA.

EXECUTED BY

LEONARD W. MURPHY, SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated July 13, 19 65, which provided for the surveys included under Group Number 429, approved July 13, 1965, and assignment instructions dated July 13, 19 65.

Survey commenced September 21, 19 65

Survey completed October 5, 19 65

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Township 7 North, Range 30 East

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Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of a dependent resurvey of portions of the south boundary and subdivisional lines and a survey of partial subdivision of section 32, Township 7 North, Range 30 East, Gila and Salt River Meridian, Arizona. The survey was made at the request of the Forest Service Regional Office, Albuquerque, New Mexico. The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated July 13, 1965.

The township and subdivisional lines were originally surveyed by C.B. Foster in 1875. The south boundary was resurveyed in 1883 by W.R. Fitzgerald. The township and subdivisional lines were resurveyed by B.J. Kinsey in 1925.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post, 30 inches long, $2\frac{1}{2}$ inches in diameter, flanged at the base and with a brass cap riveted to the top.

The geographic position of the southeast corner of section 32 as scaled from U. S. Geological Survey Quadrangle ALPINE, ARIZ. 1958 is as follows: Latitude $33^{\circ} 57' 01''$ North and Longitude $109^{\circ} 11' 36''$ West.

The magnetic declination was read at a number of stations and the average of these readings was found to be $13^{\circ} 30'$ East.

Dependent Resurvey of a Portion of the South Boundary
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

Retracement of the Survey
Executed by B.J. Kinsey in 1925

Beginning at the cor. of secs. 4, 5, 32 and 33, monumented with an iron post, 2 ins. diam., firmly set and properly mkd. as described in the official record of 1925.

from which

A pinion, 16 ins. diam., bears N. 43° E., 43 lks. dist., mkd. T7N R30E S33 BT (old bearing tree).

A pinion, 16 ins. diam., bears S. 58° E., 59 lks. dist., mkd. T6N R30E S4 BT (old bearing tree).

A pinion, 10 ins. diam., bears S. 4° E., 18 lks. dist., mkd. T6N R30E S4 BT (old bearing tree).

A cedar, 6 ins. diam., bears S. 77° W., 12 lks. dist., mkd. T6N R30E S5 BT (old bearing tree).

Bearing tree in northwest quadrant has been cut down.

N. $89^{\circ} 57'$ W., bet. secs. 5 and 32.

Descend over west slope.

11.80

Wash, 20 lks. wide, drains S.; ascend over SE. slope.

Dependent Resurvey of a Portion of the South Boundary
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

CHAINS		
19.41	Point for the E 1/16 cor. of secs. 5 and 32, at proportionate dist.	
	Set the iron post, 24 ins. in the ground, cap mkd.	
	<div style="text-align: center;"> <p>T7N R30E</p> <p>S32</p> <hr style="width: 50%; margin: 0 auto;"/> <p>E 1/16 S5</p> <p>T6N</p> <p>1965</p> </div>	
	Corner falls on steep S. slope in wire fence bearing N. 7° W. and S. 7° E.	
21.00	Descend along W. slope.	
27.10	Head of draw, drains S.; ascend over SE. slope.	
31.60	Point of spur, slopes S.; descend over SW. slope.	
38.82	The 1/4 cor. of secs. 5 and 32, monumented with an iron post 1 in. diam., firmly set and properly mkd. as described in the official record of 1925.	
	from which	
	A cedar, 18 ins. diam., bears N. 25 1/2° E., 181 lks. dist., mkd. 1/4 S32 BT (old bearing tree).	
	A pinion, 8 ins. diam., bears S. 47 3/4° E., 92 lks. dist., mkd. 1/4 S5 BT (new bearing tree).	
	A cedar, 20 ins. diam., bears S. 45° E., 150 lks. dist., mkd. 1/4 S5 BT (old bearing tree).	
	N. 89° 57' W., beginning new measurement.	
.20	Unimproved dirt road, bears N. and S.	
11.00	Nutrioso Creek, with stream of water 4 lks. wide, 6 ins. deep, flows NW.; ascend E. slope.	
15.80	U. S. Highway 180, bears NW. and SE.	
19.00	Top of low hill; descend W. slope.	
19.48	Point for the W 1/16 cor. of secs. 5 and 32, at proportionate dist. This point not monumented in accordance with the special instructions.	
30.45	Improved dirt road, bears N. and turns W. at this point.	
37.15	Auger Creek, with stream of water 5 lks. wide, 4 ins. deep, flows N. 15° W.	
38.95	The cor. of secs. 5, 6, 31 and 32, monumented with an iron post, 2 ins. diam., firmly set and properly mkd. as described in the official record of 1925.	
	from which	
	A yellow pine, 36 ins. diam., bears S. 30 1/2° E., 91 lks. dist., mkd. T6N R30E S5 BT (old bearing tree).	
	A yellow pine, 26 ins. diam., bears N. 74 1/2° W.,	

Dependent Resurvey of a Portion of the South Boundary
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>143 lks. dist., mkd. T7N R30E S31 BT (new bearing tree).</p> <p>Old bearing tree in northwest quadrant blown down.</p> <p>The $\frac{1}{4}$ cor. of secs. 6 and 31, monumented with an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of 1925, bears N. 88° 25' W., 44.41 chs. dist.</p> <p>The cor. of Tps. 6 and 7, N., Rs. 29 and 30 E., determined from the original bearing trees. The cor. monument, an iron post, 42 ins. long, 3 ins. diam., properly mkd., was found lying on the S. edge of an improved road bearing E. and W. and bears N. 88° 25' W., 87.70 chs. dist.</p> <p>At the corner point</p> <p>Re-set the iron post, 30 ins. in the ground,</p> <p>from which</p> <p>A yellow pine, 36 ins. diam., bears N. 6$\frac{1}{2}$° E., 218 lks. dist., mkd. T7N R30E S31 BT (record bearing N. 60$\frac{1}{2}$° E.).</p> <p>A yellow pine, 38 ins. diam., bears N. 65$\frac{1}{2}$° W., 376 lks. dist., mkd. T7N R29E S36 BT.</p> <p>A yellow pine, 34 ins. diam., bears N. 20° W., 164 lks. dist., mkd. T7N R29E S36 BT.</p>
	<p>Dependent Resurvey of a Portion of the Subdivisional Lines Township 7 North, Range 30 East Gila and Salt River Meridian, Arizona</p>
	<p>Retracement of the Resurvey Executed by B.J. Kinsey in 1925</p> <hr/> <p>From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the township,</p> <p>N. 3° 20' E., on the E. bdy. of sec. 32.</p> <p>Over mountainous land, through dense timber and undergrowth.</p> <p>Along steep W. slope.</p> <p>2.00 Descend steep NW. slope.</p> <p>9.20 Wash, 20 lks. wide, drains W.; ascend SW. slope.</p> <p>13.00 Point of spur, slopes W.; descend over NW. slope.</p> <p>20.23 Point for the S 1/16 cor. of sec. 32, at proportionate dist.</p> <p>Set the iron post, 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">T7N R30E S 1/16 S32 1965</p>

Dependent Resurvey of a Portion of the Subdivisional Lines
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

CHAINS	
20.35	Wash, 15 lks. wide, drains SW.; ascend SE. slope.
26.00	Spur, slope SE.
36.57	The $\frac{1}{4}$ cor. of sec. 33, monumented by an iron post, 1 in. diam., firmly set and properly mkd. as described in the official record of 1925.
	from which
	A pinion, 6 ins. diam., bears N. 22° E., 50 lks. dist., mkd. $\frac{1}{4}$ S33 BT (old bearing tree).
	A pinion, 6 ins. diam., bears S. 55° E., 41 lks. dist., mkd. $\frac{1}{4}$ S33 BT (old bearing tree).
	Ascend over SE. slope.
40.46	The $\frac{1}{4}$ cor. of sec. 32, monumented by an iron post, 1 in diam., firmly set in large mound of stone and properly mkd. as described in the official record of 1925.
	from which
	A cedar, 12 ins. diam., bears S. 35° W., 65 lks. dist., mkd. $\frac{1}{4}$ S32 BT (old bearing tree).
	A pinion, 16 ins. diam., bears N. 88° W., 138 lks. dist., mkd. $\frac{1}{4}$ S32 BT (old bearing tree).
	Corner falls on top of hill.
	<hr/> N. 7° 29' W., beginning new measurement.
	Over gently rolling land, through timber
17.00	Spur, slopes W.; descend along NW. slope.
25.90	Small ravine, drains W.; ascend along W. slope.
36.46	The cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 ins. diam., set in large mound of stone and properly mkd. as described in the official record of 1925.
	from which
	A pinion, 14 ins. diam., bears N. 64° E., 108 lks. dist., mkd. T7N R30E S28 BT (old bearing tree).
	A juniper, 36 ins. diam., bears S. 9° E., 34 lks. dist., mkd. T7N R30E S33 BT (old bearing tree).
	A juniper, 50 ins. diam., bears S. 50° W., 48 lks. dist., mkd. T7N R30E S32 BT (old bearing tree).
	A dead pinion, 12 ins. diam., bears N. 65° W., 62 lks. dist., mkd. T7N R30E S29 BT (old bearing tree).
	From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the township,
	N. 0° 20' W., bet. secs. 31 and 32,
	Over level land.
	Descend gradually over NE. slope.
.77	Auger Creek, 5 lks. wide, 4 ins. deep, course N. 60° W.

Dependent Resurvey of a Portion of the Subdivisional Lines
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

CHAINS	
19.91	Point for the S 1/16 cor. of secs. 31 and 32 not monumented, in accordance with the special instructions. Point falls in wire fence, bearing E. and W., over cultivated land.
23.80	Nutrioso Creek, 10 lks. wide, 6 ins. deep, course NW.
39.82	The 1/4 cor. of secs. 31 and 32, monumented with an iron post, 1 in. diam., stem broken off but recognizable as being General Land Office iron post set during 1925 survey.
	At the corner point
	Set the iron post, 24 ins. in the ground, cap mkd.
	T7N R30E 1/4 S31 S32 1965
	Bearing trees no longer in evidence.
	<hr/> N. 9° 12' W., beginning new measurement.
	Continue over level cultivated land.
29.80	Wire fence, bears E. and W.
41.24	The cor. of secs. 29, 30, 31 and 32, monumented by an iron post, 2 ins. diam., firmly set and properly mkd. as described in the official record of 1925.
	Bearing trees no longer in evidence and no others available.
	Iron post falls in fence corner extending N. and W.
	<hr/> From the cor. of secs. 28, 29, 32 and 33,
	N. 87° 12' W., bet. secs. 29 and 32.
	Over mountainous land, through dense timber.
2.70	Rim of mountain; descend steep, rough W. slope through dense timber.
40.80	Small wash, drains generally NW.
40.92	The 1/4 cor. of secs. 29 and 32, monumented by an iron post, 1 in. diam., firmly set, properly mkd. as described in the official record of 1925.
	from which
	A pinion, 16 ins. diam., bears N. 4° E., 134 lks. dist., mkd. 1/4 S29 BT (old bearing tree).
	A pinion, 12 ins. diam., bears S. 42° W., 40 lks. dist., mkd. 1/4 S32 BT (old bearing tree).
	<hr/> N. 87° 03' W., beginning new measurement.
5.50	Leave timber.

Dependent Resurvey of a Portion of the Subdivisional Lines
 Township 7 North, Range 30 East
 Gila and Salt River Meridian, Arizona

CHAINS	
12.40	Center of U.S. Highway 180 and 666, bears N. 25° E. and S. 25° W.
20.65	Point for the W 1/16 cor. of secs. 29 and 32, at proportionate dist.
	Set the iron post, 24 ins. in the ground, cap mkd.
	<div style="text-align: center;"> T7N R30E S 29 W 1/16 ——— S 32 1965 </div>
	Corner falls in open field.
31.99	Wire fence, bears N. and S.
41.29	The cor. of secs. 29, 30, 31 and 32.
A Survey of Partial Subdivision of Section 32 Township 7 North, Range 30 East Gila and Salt River Meridian, Arizona	
	From the $\frac{1}{4}$ cor. of secs. 5 and 32, on the S. bdy. of the township.
	N. 3° 18' W., along the meridional center line of sec. 32.
5.00	Ascend steep S. slope.
18.90	Spur, slopes S. 50° W., along W. slope through timber.
20.09	Point for the C-S 1/16 cor. of sec. 32.
	Set the iron post, 24 ins. in the ground, cap mkd.
	<div style="text-align: center;"> C S 1/16 S32 C 1965 </div>
	Corner falls on steep W. slope.
	Continue along W. slope of ridge.
38.50	Small wash, drains SW.; ascend steep S. slope.
40.18	Point for the $C\frac{1}{4}$ cor. of sec. 32, at the intersection with the latitudinal center line.
	Set the iron post, 24 ins. in the ground, cap mkd.
	<div style="text-align: center;"> T7N R30E C$\frac{1}{4}$ S32 1965 </div>
	Corner falls on gentle S. slope approximately 150 lks. N. of small wash.
	Continue to ascend S. slope of ridge.
49.00	S. rim of ridge, over nearly level land.

A Survey of Partial Subdivision of Section 32
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona

CHAINS	
57.00	Descend steep N. slope through dense timber.
78.69	The $\frac{1}{4}$ cor. of secs. 29 and 32.
	<p>From the $\frac{1}{4}$ cor. of sec. 32 only.</p> <p>S. $89^{\circ} 48' W.$, along the latitudinal center line of sec. 32.</p> <p>Over mountainous land, through dense timber.</p>
3.00	Descend along S. slope.
21.73	Point for the C-E $1/16$ cor. of sec. 32.
	<p>Set the iron post, 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>E $1/16$</p> <p>C ——— C</p> <p>S 32</p> <p>1965</p> </div>
	Corner falls on S. slope near top of hill.
32.30	Rim of hill, bears NE. and SW.; descend steep W. slope.
41.90	Small wash, drains SW.; along S. slope.
43.46	The $C\frac{1}{4}$ cor. of sec. 32.
	Continue along S. slope through timber.
55.10	Spur, slopes SW.; descend along S. slope.
61.91	Point for the C-W $1/16$ cor. of sec. 32.
	<p>Set the iron post, 24 ins. in the ground, cap mkd.</p> <div style="text-align: center;"> <p>W $1/16$</p> <p>C ——— C</p> <p>S 32</p> <p>1965</p> </div>
63.00	Descend gentle W. slope of hill.
71.20	Center of U.S. Highway 180, bears N. and S.
79.20	Wire fence, bears N. and S.; enter cultivated land.
80.36	The $\frac{1}{4}$ cor. of secs. 31 and 32.
	<p style="text-align: center;">Subdivision, $SE\frac{1}{4}$, Section 32</p> <hr/> <p>From the E $1/16$ cor. of secs. 5 and 32, on the S. bdy. of the township,</p> <p>N. $0^{\circ} 04' E.$, along the E $1/16$ line of sec. 32.</p> <p>Ascend steep S. slope through timber.</p>
11.00	Over nearly level land.
20.10	Point for the SE $1/16$ cor. of sec. 32.

A Survey of Partial Subdivision of Section 32
 Township 7 North, Range 30 East
 Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set the iron post, 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">S 32 SE 1/16 1965</p> <p>Corner falls on SE. slope of hill.</p>
32.00	Slope changes to S.
40.20	The C-E 1/16 cor. of sec. 32.
	<hr/> <p>From the S 1/16 cor. of sec. 32 only.</p> <p>N. 89° 56' W., along the S 1/16 line of sec. 32.</p>
.06	Wash, 10 lks. wide, drains SW.; ascend along SE. slope through timber.
8.10	Ridge, bears N. and S.; descend along S. slope.
15.00	Small wash, drains SE.; ascend gentle S. slope.
20.58	The SE 1/16 cor. of sec. 32.
	Ascend along S. slope.
24.00	Small saddle, slopes S.; descend along S. slope.
40.45	Spur, slopes SW.; descend steep W. slope.
41.16	The C-S 1/16 cor. of sec. 32.
	<hr/> <p style="text-align: center;">Subdivision, SW$\frac{1}{4}$, Section 32</p> <hr/> <p>From point for the W 1/16 cor. of secs. 5 and 32 on the S. bdy. of the township,</p> <p>N. 1° 48' W., along the W 1/16 line.</p>
1.10	Descend N. slope of small hill.
4.28	U. S. Highway 180, bears NW. and SE.; over nearly level land.
11.50	Nutrioso Creek, 10 lks. wide, 3 ins. deep, course NW.
19.97	Point for the SW 1/16 cor. of sec. 32.
	<p>Set the iron post, 24 ins. in the ground, cap mkd.</p> <p style="text-align: center;">S 32 SW 1/16 1965</p> <p>Corner falls on level land.</p>
35.00	Ascend gentle S. slope of small hill.
39.94	The C-W 1/16 cor. of sec. 32 .
	<hr/> <p>From the C-S 1/16 cor. of sec. 32.</p> <p>N. 89° 59' W., along the S 1/16 line.</p>

A Survey of Partial Subdivision of Section 32
Township 7 North, Range 30 East
Gila and Salt River Meridian, Arizona.

CHAINS	
	Descend steep W. slope through dense timber.
8.50	Leave timber.
18.97	The SW 1/16 cor. of sec. 32.
	Over level land.
21.70	Improved dirt road, bears N. and S.
29.05	U.S. Highway 180, bears NW. and SE.
29.90	Nutrioso Creek, 10 lks. wide, 4 ins. deep, course NW.
32.47	Corner of wire fences extending S. and W.
37.94	Point for the S 1/16 cor. of secs. 31 and 32.
Subdivision, NW $\frac{1}{4}$, Section 32	
	From the C-W 1/16 cor. of sec. 32.
	N. 6° 23' W., along the W 1/16 line.
	Ascend gentle S. slope through timber.
2.00	Small spur, slopes SW.; descend along W. slope.
19.20	Wire fence, bears E. and W.
19.91	Point for the NW 1/16 cor. of sec. 32, not monumented, in accordance with the special instructions.
25.20	U. S. Highway 180, bears NE. and SW., over nearly level land.
39.82	The W 1/16 cor. of secs. 29 and 32.

BOOK 4781
CERTIFICATE OF SURVEY

I, Leonard W. Murphy, HEREBY CERTIFY upon honor that,
in pursuance of special instructions bearing date of the 13th day of July, 1965,

I have dependently resurveyed portions of the south boundary and subdivisional lines and surveyed a partial subdivision of section 32, Township 7 North, Range 30 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.

January 16, 1967

(Date)

Leonard W. Murphy
(Cadastral Surveyor)

Leonard W. Murphy

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date JAN 24 1967

BUREAU OF LAND MANAGEMENT,
Washington, D. C.

The foregoing field notes of the dependent resurvey of portions of the south boundary and subdivisional lines and the survey of partial subdivision of section 32, Township 7 North, Range 30 East, Gila and Salt River Meridian, Arizona.

executed by Leonard W. Murphy

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

MAR 15 1967

(Date)

E. L. Huntington
(Chief, Division of Engineering)

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, Division of Engineering)