

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4301

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FIELD NOTES

OF THE

Resurvey of a Portion of the Section Boundary and

Survey of Subdivision-of-Section Lines of Section 32,

Township 16 South, Range 30 East,

4301

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Benjamin J. Kinsey, Cadastral Engineer,

General Land Office.

Under special instructions dated December 27, 1938, which provided for the surveys included under Group No. 224, bearing the approval of the Commissioner of the General Land Office under date of February 13, 1939, and assignment instructions dated March 9, 1939.

Survey commenced June 9, 1939.

Survey completed June 22, 1939.

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INDEX DIAGRAM.

Township 16 South, Range 30 East

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Handwritten annotations in the bottom row (row 31):

- Below cell 31: a vertical line and the number 3.
- Below cell 32: a vertical line, the number 1, and a horizontal line.
- Below cell 33: the number 2.

T. 16 S., R. 30 E.

Chains.

The survey was executed with Buff transit No. 18000. The instrument is equipped with the Smith solar attachment and otherwise conforms to the standard requirements of the General Land Office.

The measurements were made with a Lufkin steel tape, 5 chs. in length, compared with a Lufkin standard and found correct. Measurements were made on the slope, the vertical angle determined and slope measurements reduced to horizontal equivalents for entry in the field notes.

For test of the solar apparatus, refer to the preliminary test described in the field notes of surveys in T. 17 S., R. 30 E., concurrently surveyed under this group.

Resurvey of a Portion of the N. Bdy. of Sec. 32.

Establishment of the W.1/16 Section Corner.

From the $\frac{1}{4}$ sec. cor. of secs. 29 and 32, as evidenced by the original iron post, 1 in. diam., set, marked and witnessed as described in the official record.

West, on true line, bet. secs. 29 and 32.

19.98 Proportional distance.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a malpais stone 8x6x4 ins., mkd. with a cross (X) deposited at the base, and in a mound of stone to top, at the W.1/16 sec. cor., with brass cap mkd.

S 29
W 1/16 $\frac{1}{2}$
S 32

1939

39.96 The cor. of secs. 29, 30, 31 and 32, as evidenced by the original iron post, 2 ins. diam., set, marked and witnessed as described in the official record.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, oak, juniper, pinon and yellow pine; undergrowth, oakbrush, manzanita and cactus.

Subdivision of Sec. 32, T. 16 S., R. 30 E.

From the $\frac{1}{4}$ sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp., described in the field notes of that portion of the N. bdy. of T. 17 S., R. 30 E., resurveyed under this group.

N. 0° 02' W., on the meridional center line of sec. 32.

Over mountainous land, through thick timber and undergrowth.

Asc. 92 ft. over SE. slope.

Subdivision of Sec. 32, T. 16 S., R. 30 E.

Chains.	
3.80	Spur, slopes E.; desc. 90 ft. over N. slope.
6.40	Wash, 15 lks. wide, course N. 80° E.; asc. 331 ft. over SE. slope.
26.00	Divide, bears E. and W.; desc. 10 ft. over NE. slope.
30.00	Wire fence, bears E. and W.
30.10	Draw, drains E.; asc. 28 ft. over SE. slope.
33.00	Spur, slopes E.; desc. 209 ft. over NE. slope.
39.95	Small draw, 8 lks. wide, drains NE.; asc. slightly over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock, with a stone 6x4x2 ins., mkd. with a cross (X) deposited at the base, and in a mound of stone to top, at the center $\frac{1}{4}$ sec. cor., with brass cap mkd.
	C $\frac{1}{4}$ S 32
	1939
	Asc. 16 ft. over SE. slope.
41.40	Spur, slopes E.; desc. 78 ft. over NE. slope.
44.20	Wash, 10 lks. wide, course N. 70° E.; asc. 28 ft. over SE. slope.
46.10	Spur, slopes NE.; desc. 31 ft. over NE. slope.
47.80	Wash, 10 lks. wide, course NE., asc. 112 ft. over SE. slope.
55.80	Spur, slopes NE.; desc. 155 ft. over NE. slope.
60.00	Wash, 20 lks. wide, course NE.; asc. 108 ft. over SE. slope.
68.00	Spur, slopes NE.; desc. 159 ft. over NW. slope.
79.82	The $\frac{1}{4}$ sec. cor. of secs. 29 and 32, hereinbefore described.
	Land, mountainous. Soil, stony, 4th. rate. Timber, oak, juniper, pinon and yellow pine; undergrowth, oakbrush, manzanita and cactus.

	From the $\frac{1}{4}$ sec. cor. of secs. 32 and 33, as evidenced by the original iron post, 1 in. diam., set, marked and witnessed as described in the official record.
	West, on the latitudinal center line of sec. 32.
	Over mountainous land, through thick timber and undergrowth; asc. 31 ft. over NE. slope.
1.40	Spur, slopes NE.; desc. 47 ft. over NW. slope.
3.50	Wash, 15 lks. wide, course N. 20° E.; asc. 270 ft. over NE. slope.

Subdivision of Sec. 32, T. 16 S., R. 30 E.

Chains.

- 15.00 Spur, slopes N.; desc. 449 ft. over W. slope.
- 28.90 Wash, 15 lks. wide, course N.; asc. 51 ft. over NE. slope.
- 32.50 Wash, 15 lks. wide, course N.
- 33.20 Old road, bears N. and S.
- 39.80 Wash, 10 lks. wide, course NE.
- 39.88 The center $\frac{1}{4}$ sec. cor.
Asc. 633 ft. over rough NE. slope.
- 57.46 Ridge, bears N. and SE.; desc. 24 ft. over NW. slope.
- 59.96 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock, with a stone 6x4x2 ins., mkd. with a cross (X) deposited at the base, and in a mound of stone to top, at the W.1/16 sec. cor., with brass cap mkd.

W 1/16
C ————— C

S 32

1939

Desc. 165 ft. over W. slope.

- 69.65 Wash, 15 lks. wide, course NW.; asc. 128 ft. over NE. slope.

- 77.00 Ridge, bears N. and S.; across level top.

- 80.04 The $\frac{1}{4}$ sec. cor. of secs. 31 and 32, as evidenced by the original iron post, 1 in. diam., set, marked and witnessed as described in the official record.

Land, mountainous.

Soil, rocky, 4th. rate.

Timber, oak, juniper, pinon and yellow pine; undergrowth, oakbrush, manzanita and cactus.

From the W. 1/16 sec. cor. of secs. 5 and 32, on the S. bdy. of the township, described in the field notes of that portion of the N. bdy. of T. 17 S., R. 30 E., resurveyed under this group.

N. 0° 01' W., on meridional center line, of the SW $\frac{1}{4}$ sec. 32.

Over mountainous land, through thick timber and undergrowth.

Asc. 10 ft. over SW. slope.

- 17.00 Desc. 60 ft. over NW. slope.

- 21.00 Head of wash, course NW.; asc. 57 ft. over SW. slope.

- 29.00 Slope changes, along W. slope.

- 40.00 The W. 1/16 sec. cor. on the latitudinal center line.

Thence N. 0° 02' W., on meridional center line of the NW $\frac{1}{4}$.

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Subdivision of Sec. 32, T. 16 S., R. 30 E.

Chains.

- 18.00 Desc. 112 ft. over NE. slope.
 23.00 Draw, drains E.; asc. 92 ft. over SE. slope.
 26.90 Spur, slopes E.; desc. 41 ft. over NE. slope.
 39.87 The W. 1/16 sec. cor. on the N. bdy. of sec. 32.

Land, mountainous:

Soil, rocky, 4th. rate.

Timber, oak, juniper, pinon and yellow pine; undergrowth, oakbrush, manzanita and cactus.

For final test of the solar apparatus, refer to the preliminary test described in the field notes of surveys in T. 23 S., R. 32 E., surveyed under this group.

General Description.

The land in this section is mountainous, covered with thick timber and undergrowth. The timber consists of oak, juniper, pinon and yellow pine, and the undergrowth of oakbrush, manzanita and cactus.

There is no running water.

The magnetic declination is 13° 31' E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

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FIELD ASSISTANTS

NAMES	CAPACITY
Irwin B. Williams	Principal Assistant
Jack Williams	Chainman
John G. Coverdale	Chainman
Clifford Cline	Axeman
Jack Bowker	Axeman
Cecil Williams	Axeman

CERTIFICATE OF SURVEYOR

Benjamin J. Kinsey, Associate Cadastral Engineer
I, / General Land Office, HEREBY CERTIFY upon honor that, in

pursuance of special instructions bearing date of the 27th day of December, 1938

received from the district cadastral engineer for Arizona, with assignment

instructions dated March 9, 1939, I have surveyed resurveyed a portion of the section boundary and surveyed subdivision-of-section lines in sec. 32, Township 16 South, Range 30 East,

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 resurvey and

/ survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey

of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona.

February 17, 1944.

Benjamin J. Kinsey
Associate Cadastral Engineer
General Land Office
(Formerly Cadastral Engineer)

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, August 12, 1944.

The foregoing field notes of the survey of resurvey of section boundary, and survey of subdivision-of-section lines of sec. 32, Township 16 South, Range 30 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Benjamin J. Kinsey, Cadastral Engineer, General Land Office,

under special instructions dated December 27, 1938, and assignment

instructions dated March 9, 1939, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey

therein described, are hereby approved.

W. H. Horton
Supervisor of Surveys.

~~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 on file in the public survey office.~~

~~Supervisor of Surveys.~~