

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FIELD NOTES BOOK 4300

OF THE

Resurvey of a Portion of the North Boundary.

Survey of a Portion of the West Boundary, a

Portion of the Subdivisional Lines, and

Subdivision-of-Section Lines in Secs. 5 and 6,

Township 17 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, 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 10, 1939.

Survey completed June 21, 1939.

4300

17

BOOK 4300

# INDEX DIAGRAM.

Township 17 South, Range 30 East

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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. It was approved by the district cadastral engineer on Mar. 9, 1939, conditional upon satisfactory field tests. All of the instrumental adjustments were examined before making the field tests hereinafter described.

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.

June 3, 1939; at station about 15 chs. south of the cor. of secs. 5 and 6, T. 17 S., R. 30 E., in lat.  $31^{\circ} 58' N.$  as determined from group data, and approximate long.  $109^{\circ} 18\frac{1}{2}' W.$ , examine the adjustments of the instrument and find no errors; Then, to test the solar apparatus by comparing its indications with a true meridian determined by observation on Polaris, proceed as follows;

June 4; at 2h. 58m., a.m., l.m.t., observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and marking the mean point in the line thus determined by a tack set in top of a peg, driven firmly in the ground, about 5 chs. N.

Azimuth of Polaris at elongation:  $1^{\circ} 12\frac{1}{2}'$ .

Lay off the azimuth of Polaris,  $1^{\circ} 12\frac{1}{2}'$  to the west and mark the meridian thus determined by a tack set in top of a peg driven firmly in the ground about 5 chs. N.

At 9h. 00m. a.m., app.t., set off  $31^{\circ} 58' N.$  on the lat. arc,  $22^{\circ} 23' N.$  on the decl. arc and determine a meridian with the solar, which agrees with the true meridian.

At app. noon, with the lat. arc unchanged, observe the sun on the meridian; the reading of the declination arc is  $22^{\circ} 24' N.$ , which agrees with the computed declination of the sun.

At 3h. 00m. p.m., app.t., with the lat. arc unchanged, set off  $22^{\circ} 25' N.$  on the decl. arc and determine a meridian with the solar which agrees with the true meridian.

As all of the observations taken during the usual hours of solar work agree within 1' of the true meridian, conclude that the instrument is in satisfactory adjustment.

#### Resurvey of a Portion of N. Boundary of T. 17 S., R. 30 E.

Establishment of the W1/16 sec. cor. on the N. boundary of sec. 5.

The  $\frac{1}{4}$  sec. cor. of secs. 5 and 32 is an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with brass cap marked and witnessed as described in the official record.

## Resurvey of a Portion of N. Boundary of T. 17 S., R. 30 E.

Chains.

Thence

West, on true line, bet. secs. 5 and 32.

Proportional distance.

20.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, with a stone 6x5x3 ins., mkd. with a cross (X) deposited at the base, and in a mound of stone to top, for W 1/16 sec. cor., with brass cap mkd.

S 32  
W 1/16

S 5  
1939

40.00 The cor. of secs. 5, 6, 31 and 32, which is an iron post, 2 ins. diam., firmly set, 12 ins. above ground, with brass cap marked and witnessed as described in the official record.

Land, mountainous.

Soil, rocky, 4th rate.

Timber, yellow pine, oak and juniper; undergrowth, oak-brush, native grass and cacti.

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Survey of a Portion of the W. Boundary of  
T. 17 S., R. 30 E.  
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From the true point for cor. of Ts. 16 and 17 S., Rs. 29 $\frac{1}{2}$  and 30 E., which is East, 3.24 chs. dist. from the witness cor.; an iron post, 2 ins. diam., firmly set, 16 ins. above ground and in a mound of stone, with brass cap mkd. and witnessed as described in the official record.

South, on true line, bet. secs. 1 and 6.

Over rough mountainous land, through thick timber and undergrowth.

Desc. over S. slope.

1.00 Bottom of gulch, course N. 80° W.; asc. 356 ft. over NW slope.

19.00 Ridge, bears N. 70° E. and S. 70° W.; over level top.

25.00 Leave ridge top, bears E. and W.; desc. 468 ft. over rough, broken S. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., on bedrock, and in a mound of stone to top, for  $\frac{1}{4}$  sec. cor., with brass cap mkd.

$\frac{1}{4}$   
S 1 | S 6  
1939

from which

A pine, 6 ins. diam., bears N. 78° W., 45 lks. dist., mkd.  $\frac{1}{4}$  S 1 B T.

A pine, 6 ins. diam., bears N. 71° E., 30 lks. dist., mkd.  $\frac{1}{4}$  S 6 B T.

Survey of a Portion of the W. Boundary of  
T. 17 S., R. 30 E.

BOOK 4000

Chains	Desc. 87 ft. over S. slope.															
42.60	Wash, 10 lks. wide, course SW.; asc. 183 ft. over NW. slope.															
47.70	Spur, slopes SW.; desc. 433 ft. over SW. slope.															
62.80	Wash, 10 lks. wide, course SW.; asc. 70 ft. over NW. slope.															
69.00	Spur, slopes SW.; desc. 263 ft. over SE. slope.															
74.52	Intersect N. side line (2-3) of patented H.E.S. No. 277, 5 chs. N.81°W of cor. No. 3, which is a sandstone boulder, 1½ x 1 x 1 ft. above ground, marked and witnessed as described in the official record.  Cor. No. 2, described in the field notes of the resurvey of the W. bdy. of T. 17 S., R. 29½ E., bears N.81°W., 73.42 chs. dist.															
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 1, 6, 7 and 12, with brass cap mkd.  <div style="text-align: center;"> <table border="0"> <tr><td></td><td>T 17 S</td><td></td></tr> <tr><td>R 29½</td><td>E</td><td>R 30 E</td></tr> <tr><td>S 1</td><td>S</td><td>6</td></tr> <tr><td>S 12</td><td>S</td><td>7</td></tr> <tr><td></td><td>1939</td><td></td></tr> </table> </div> <p style="text-align: right;">from which</p> <p>A juniper, 8 ins. diam., bears N.82°W., 60 lks. dist., mkd. T 17 S R 29½ E S 1 B T.</p> <p>A juniper, 8 ins. diam., bears N.55°E., 39 lks. dist., mkd. T 17 S R 30 E S 6 B T.</p> <p>A yellow pine, 6 ins. diam., bears S.8°E., 22 lks. dist., mkd. T 17 S R 30 E S 7 B T.</p> <p>A juniper, 24 ins. diam., bears S.7°W., 29 lks. dist., mkd. T 17 S R 29½ E S 12 B T.</p> <p>Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper, pinion and yellow pine; undergrowth, oakbrush, manzanita and cacti.</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center;">Partial Subdivision of T. 17 S., R. 30 E.</p> <p>The cor. of secs. 4, 5, 32 and 33, on N. bdy. of the Tp., is an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground in a mound of stone, with brass cap, marked and witnessed as described in the official record.</p> <p>Thence, South, on true line bet. secs. 4 and 5. Over mountainous land, through timber and undergrowth. Desc. 108 ft. over SW. slope.</p>		T 17 S		R 29½	E	R 30 E	S 1	S	6	S 12	S	7		1939	
	T 17 S															
R 29½	E	R 30 E														
S 1	S	6														
S 12	S	7														
	1939															
5.50	Wash, 15 lks. wide, course SW.; asc. 68 ft. over NW. slope.															

## Subdivision of T. 17 S., R. 30 E.

Chains	
9.20	Spur, slopes W.; desc. 199 ft. over SW. slope.
19.70	Wash, 10 lks. wide, course W.; asc. 222 ft. over N. slope.
26.90	Spur, slopes W.; desc. 335 ft. over S. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$
	S 5   S 4
	1939
	from which
	An oak, 8 ins. diam., bears N.11°W., 6 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	An oak, 6 ins. diam., bears N.51°E., 16 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
	Desc. 13 ft. over S. slope.
40.60	Branch wash of N. fork of Pinery creek, 50 lks. wide, course S.70°W.; asc. 115 ft. over NW. slope.
45.50	Spur, slopes W.; desc. 38 ft. over SW. slope.
48.50	Gulch, 5 lks. wide, course SW.; asc. 222 ft. over N. slope.
56.00	Spur, slopes N.60°W.; desc. 155 ft. over SW. slope.
62.20	Wash, 10 lks wide, course S.80°W.; asc. 168 ft. over NW. slope.
68.00	Spur, slopes NW., desc. 73 ft. over S. slope.
71.20	Wash, 10 lks. wide, course W.; asc. 86 ft. over N. slope.
75.50	Spur, slopes W.; desc. 168 ft. over S. slope.
79.50	Wash, 5 lks. wide, course S.80°W.; asc. 17 ft. over N. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground, to bedrock, and in a mound of stone to top, for cor. of sec. 5 only, with brass cap mkd.
	T 17 S R 30 E
	S 5
	1939
	from which
	An oak, 10 ins. diam., bears N.47°W., 30 lks. dist., mkd. T 17 S R 30 E S 5 B T.
	An oak, 8 ins. diam., bears N.65°E., 21 lks. dist., mkd. T 17 S R 30 E S 4 B T.
	Land, mountainous.
	Soil, stony, 4th rate.
	Timber, oak, juniper, pinion and yellow pine; undergrowth, oak brush, manzanita and cacti.

## Subdivision of T. 17 S., R. 30 E.

4000

Chains	
	West, on true line , on S. bdy. of sec. 5.
	Over mountainous land, through thick timber and undergrowth.
4.00	Wash. 10 lks. wide, course N.80°W., from N.80°E.
9.40	Gulch, 10 lks. wide, course N.20°W.; 2 chs. to junction with large wash, thence NW.; asc. 91 ft. over NE. slope.
17.50	Spur, slopes N.; desc. 61 ft. over W. slope.
20.30	Head of wash, course N.20°W.; asc. 21 ft. over E. slope.
26.00	Spur, slopes NW.; desc. 82 ft. over SW. slope.
31.10	Wash. 15 lks. wide, course NW.; asc. 103 ft. over NE. slope.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, in a mound of stone to top for $\frac{1}{4}$ sec. cor., with brass cap. mkd.
	<u><math>\frac{1}{4}</math> S 5</u>
	1939
	from which
	A yellow pine, 8 ins. diam., bears N.27°W., 33 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
	Asc. gradual NE. slope.
40.25	Spur, slopes NW.; trail on same, bears NW. and SE.; desc. 234 ft. over SW. slope.
42.40	Mine shaft on line, 16 ft. deep.
42.64	A cabin, bears N.11 $\frac{1}{2}$ °E., about 6 chs. dist.
45.30	A mine tunnel, bears N., 2 chs. dist.
47.70	Road, bears N.20°E. and S.20°W.
50.10	Wash, 5 lks. wide, course N.30°W.; asc. 44 ft. over E. slope.
50.90	Road, bears N. and S.
55.80	Spur, slopes SW.; desc. 141 ft. over NW. slope.
72.10	Wash, 25 lks. wide, course S., N. fork of Pinery creek; asc. 5 ft. over SE. slope.
73.00	Road, bears N. and S., old Hilltop and Kasper tunnel road.
73.70	Fence, bears NE. and SW. on spur sloping S.
74.20	Fence, bears NW. and SE.
76.50	Wash. 10 lks. wide, course SW.; asc. 18 ft. over SE. slope.
79.40	Spur, slopes S.; desc. 5 ft. over SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 5 and 6 only, with brass cap mkd.

## Subdivision of T. 17 S., R. 30 E.

Chains	T 17 S R 30 E S 6   S 5 ----- 1939	from which
		An oak, 6 ins. diam., bears N.21°W., 41 lks. dist., mkd. T 17 S R 30 E S 6 B T.
		A pinion, 6 ins. diam., bears N.64°E., 14 lks. dist., mkd. T 17 S R 30 E S 5 B T.
		Land, mountainous. Soil, stony, 4th rate. Timber, oak, juniper, pinion and yellow pine; undergrowth, oakbrush, manzanita and cacti.
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		North, on a random line bet. secs. 5 and 6.
40.00		Set temp. $\frac{1}{4}$ sec. cor.
80.10		Intersect the cor. of secs. 5, 6, 31 and 32.
		Thence,
		South, on true line bet. secs. 5 and 6.
		Over mountainous land, through thick timber and under- growth.
		Desc. 75 ft. over SW. slope.
4.80		Wash, 15 lks. wide, course SW.; asc. 90 ft. over NW. slope.
9.00		Spur, slopes S.30°W.; desc 320 ft. over SE. slope.
32.40		Spur, slopes SW.; desc. over 20 ft. bluff.
		Continue descent of 234 ft. over SE. slope from foot of bluff.
40.10		Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\frac{1}{4}$ S 6   S 5 ----- 1939	from which
		A juniper, 6 ins. diam., bears N.57 $\frac{1}{2}$ °W., 48 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
		An oak, 5 ins. diam., bears S.25°E., 12 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
		Desc. 304 ft. over SE. slope.
48.00		Slope changes to SW.; continue descent of 57 ft.
57.00		Wash, 25 lks. wide, course SE.; desc. 38 ft. over SE. slope.
64.50		Wash, 5 lks. wide, course E.; asc. 24 ft. over NE. slope.
69.00		Spur, slopes SE.; desc. 95 ft. over SW. slope.



## Subdivision of T. 17 S., R. 30 E.

6000

Chains	
80.10	The cor. of secs. 5 and 6. Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper, pinion and yellow pine; undergrowth, oakbrush, manzanita and cacti.
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	West, on a random line, on S. boundary of sec. 6.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.79	Intersect W. bdy. of Tp., 21 lks. N. of cor. of secs. 1, 6, 7 and 12. Thence, N.89°51'E., on true line, on S. boundary of sec. 6. Through patented land. Over rolling land, through scattering timber and undergrowth.
5.00	Intersect line 3-4 of H.E.S. No. 277 at 4.69 chs. S.0°40'E. of cor. No. 3, hereinbefore described. Cor. No. 4, bears S.0°40'E., 14.28 chs. dist., a stone, 4 x 6 x 10 ins. above ground, mkd. and witnessed as described in the official record.
7.60	Wash, 10 lks. wide, course SW.; asc. 15 ft. over NW. slope.
16.85	Wash, 10 lks. wide, course SW.
18.05	Desc. 11 ft. over SE. slope.
19.55	Head of wash, course S.; asc. 11 ft. over SW. slope.
21.55	Spur, slopes SW.; desc. 15 ft. over SE. slope.
22.35	Wash, 10 lks. wide, course SW, from N.15°E.; asc. 165 ft. over SW. slope, entering foothills.
39.79	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor. of sec. 6 only, with brass cap mkd. $\frac{1}{4}$ S 6 1939 from which An oak, 6 ins. diam., bears N.24°E., 36 lks. dist., mkd. $\frac{1}{4}$ S 6 B T. Ascend gradually over SW. slope.
42.25	Spur, slopes S.; desc. 51 ft. over E. slope.
48.20	Wash, 8 lks. wide, course S.; asc. 59 ft. over W. slope.
60.55	Spur, slopes S.; desc. 78 ft. over SE. slope.
79.79	The cor. of secs. 5 and 6.

## Subdivision of T. 17 S., R. 30 E.

## Chains

Land, rolling. and mountainous.  
Soil, rocky, 4th rate.  
Timber, oak, juniper, pinion and yellow pine, undergrowth,  
oakbrush, manzanita and cacti.

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Subdivision of sections.

From the  $\frac{1}{4}$  sec. cor. on the S. boundary of sec. 5.

N.0°06'E., on true line, on meridional center line of  
sec. 5.

Over mountainous land, through thick timber and under-  
growth.

Desc. 202 ft. over NW. slope.

- 5.50 Trail, bears NW. and SE.; Robinson's house bears W., 150  
lks. dist.
- 6.60 Wash., 10 lks. wide, course W.; asc. 66 ft. over SW. slope.
- 13.00 Spur, slopes W.; desc. 172 ft. over N. slope.
- 18.56 Intersect line 2-3 of H.E.S. No. 279, 10.94 chs. N.44°01'E.  
of cor. No. 3, which is a stone 4 x 8 x 12 ins. above  
ground, mkd. and witnessed as described in the official  
record. Cor. No. 2, a rock 8 x 6 x 4 ins. above ground,  
mkd. and witnessed as described in the official record,  
bears N.44°01'E., 34.99 chs. dist. Over patented land.
- 19.00 Wash, 15 lks. wide, course W.; continue desc.
- 24.70 Fence, bears E. and W.; across yard.
- 25.50 House, bears E., about 1 ch. dist.
- 26.50 Fence, bears E. and W.
- 26.70 Road, bears E. and W.
- 27.20 North fork of Pinery creek, 25 lks. wide, course SW.;  
asc. 177 ft. over S. slope.
- 30.60 Fence, bears NE and SW.
- 39.17 Intersect line 9-15 of H.E.S. No. 279, 32.50 chs.  
N.53°09'E. of cor. No. 15; which is a rock 10 x 6 x 4  
ins. above ground, mkd. and witnessed as described in the  
official record. Cor. No. 9, a rock 6 x 14 x 12 ins.  
above ground, mkd. and witnessed as described in the  
official record.
- 39.85 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in  
the ground to bedrock, with a stone 10 x 6 x 4 ins.,  
marked with a cross (X) deposited at the base, and in a  
mound of stone to top for center  $\frac{1}{4}$  sec. cor. of sec. 5,  
with brass cap mkd.
- C  $\frac{1}{4}$  S 5  
1939
- Asc. 110 ft. over S. slope.
- 45.20 Spur, slopes SE.; continue over E. slope on slight ascent.
- 46.04 Galvanized tank bears S.61 $\frac{3}{4}$ °E. about 20 chs. dist.  
Spur, slopes SE.; desc. 71 ft. over NE. slope.

Subdivision of sections : T. 17 S., R. 30 E.

Chains	
52.20	Wash, 10 lks. wide, course SE.; asc. 247 ft. over SE. slope.
54.00	4-strand wire fence, bears E. and W.
58.60	Shallow wash, 10 lks. wide, course SE.
77.00	Spur, slopes SE.; desc. 40 ft. over NE. slope.
79.10	Wash, 10 lks. wide, course SE.; asc. 20 ft. over SW. slope.
79.95	The $\frac{1}{4}$ sec. cor. of secs. 5 and 32.  Land, mountainous, Soil, stony, 4th rate. Timber, oak, juniper, pinion and pine; undergrowth, oakbrush, manzanita and cacti.
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	From the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.  N. 89° 55' E., on true line, on latitudinal center line of sec. 5, along boundary of Chiricahua National Monument, Over mountainous land, desc. 112 ft. over SE. slope.
3.60	Wash, 15 lks. wide, course S. 20° W.; asc. 130 ft. over SW. slope.
11.00	Spur, slopes S.; desc. 202 ft. over SE. slope.
18.80	Wash, 10 lks. wide, course S. 20° W. asc. 110 ft. over W. slope, to spur.
20.02	Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock, with a malpais stone 8 x 6 x 4 ins. marked with a cross (X) deposited at the base, and in a mound of stone to top for CW $\frac{1}{16}$ sec. cor., with brass cap mkd.
	$\begin{array}{c} W \frac{1}{16} \\ C \text{-----} C \\ S \ 5 \\ 1939 \end{array}$
23.00	Spur, slopes S.; desc. 103 ft. over S. slope.
40.04	Intersect the center $\frac{1}{4}$ sec. cor.
40.95	Intersect line 9-15 of H.E.S. No 279, 18.50 chs. S. 53° 09' W. of cor. No. 9, hereinbefore described.
	Desc. 110 ft. over SE. slope, over patented land.
48.70	Wash, 5 lks. wide, course SW.; asc. 20 ft. over SW. slope.
50.00	Spur, slopes S.; desc. 61 ft. over SE. slope.
52.70	Wash, 20 lks. wide, course SW. SW.; continue desc.
53.00	Fence, bears N. 20° E. and S. 20° W.
53.20	Road, from Pinery creek to Kaspar mine, bears N. 20° E. and S. 20° W.
55.00	Old smelter, bears N. about 150 chs.
56.70	Branch of Pinery creek, 30 lks. wide, course SW.; asc. 32 ft. over NW. slope.

## Subdivision of sections: T. 17 S., R. 30 E.

Chains	
58.50	Trail, bears NE. and SW.
58.60	Spur, slopes SW.; desc. 15 ft. over SE. slope.
60.20	Wash, 20 lks. wide, course SW.; asc. 177 ft. over W. slope.
60.72	Intersect line 2-3 of H.E.S.No. 279, 5.31 chs. S.44° 01'W. of cor. No. 2, hereinbefore described.
72.50	Spur, slopes SW.; desc. 22 ft. over SE slope.
80.14	The $\frac{1}{4}$ sec. cor. of secs. 4 and 5.
	Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper, pinion and yellow pine; undergrowth, oakbrush, manzanita and cacti.
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	From the W. $\frac{1}{16}$ sec. cor. on the latitudinal center line of sec. 5.
	North, on true line, on meridional center line of the NW $\frac{1}{4}$ of sec. 5, along the boundary of Chiricahua National Monument.
	Over mountainous land, desc. 16 ft. over NW. slope.
2.50	Wash, 10 lks. wide, course SW.; asc. 67 ft. over SE. slope.
6.90	Wash, 5 lks. wide, 5 ft. deep, course SE.; asc. 234 ft. over SW. slope.
14.00	Spur, slopes S.30°E.; asc. 357 ft. over SE. slope.
36.00	Spur, slopes SW.; asc. 17 ft. over SW. slope.
40.06	Intersect the W. $\frac{1}{16}$ sec. cor. on the N. boundary of sec. 5.
	Land, mountainous. Soil, rocky, 4th rate. Timber, oak, juniper, pinion and yellow pine; undergrowth, oakbrush, manzanita and cacti.
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	From the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.
	West, on true line, on latitudinal center line of sec. 6, along the boundary of Chiricahua National Monument.
	Over mountainous land, through thick timber and undergrowth,
	Asec. 32 ft. over SE. slope.
1.20	Spur, slopes SW.; desc. 259 ft. over SW. slope.
11.50	Wash. 10 lks. wide, course SW.; asc. 25 ft. over SW. slope.
13.00	Point of low spur, slopes S.; desc. 6 ft. over SW. slope.
13.50	Wash, 15 lks. wide, course SE.; asc. 548 ft. over SE. slope.

Subdivision of sections: T. 17 S., R. 30 E.

4000

Chains	
27.20	Trail, bears S. from NW.
29.10	Spur, slopes SE.; desc. 247 ft. over SW. slope.
43.60	Wash. 10 lks. wide, course S.20°W.; asc. 11 ft. over SE. slope.
46.00	Spur, slopes S.20°W.; desc. 128 ft. over W. slope,
50.30	Wash, 10 lks. wide, course S.20°W.; asc. 206 ft. over SE. slope.
65.50	Spur, slopes SW.; desc. 225 ft. over SW. slope.
74.80	Wash, 10 lks. wide, course SW.; asc. 42 ft. over SE. slope.
79.72	The $\frac{1}{4}$ sec. cor. of secs. 1 and 6 on W. bdy. of Tp.
	Land, mountainous. Soil, rocky; 4th rate. Timber, oak, juniper, pinion and yellow pine; undergrowth, oakbrush, manzanita and cacti.

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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.

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#### General Description.

The land in this township is mountainous, with a general SW. slope, covered with thick timber and undergrowth. The timber consists of oak, pinion, yellow pine and juniper, and undergrowth of oakbrush, manzanita and cacti.

Patented H.E.S. No. 279 is in sec. 5, and patented H.E. S. No. 277 extends into the SW $\frac{1}{4}$  of sec. 6. There are no patented mineral claims, but some mining has been done in the S. part of sec. 5.

There is no running water.

The mean magnetic declination is 13° 31' E.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

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 27<sup>th</sup> 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 north boundary, surveyed a portion of the west boundary, a portion of the ~~subdivisional lines, and subdivision of section lines in secs. 5 and 6,~~ Township 17 S., Range 30 East,

Gila and  
 of the / 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 a portion of the north boundary, survey of a portion of the west boundary, a portion of the subdivisional lines, and ~~subdivision of section lines in secs. 5 and 6,~~ Township 17 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. Hart*  
 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.~~