

Original.

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(April 1933)

Book D.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4247

FIELD NOTES

OF THE

Survey of a Portion of the Subdivisional Lines,

Completing the Subdivision of

Township 10 South, Range 6 East,

Of the Gila and Salt River Meridian,

Arizona

In the State of

EXECUTED BY

Ty White, Surveyor,

General Land Office.

Under special instructions dated October 20, 1938, which provided for the surveys included under Group No. 225, bearing the approval of the Commissioner of the General Land Office under date of January 6, 1939 and assignment instructions dated January 12, 1939.

Survey commenced February 23, 1939.

Survey completed February 23, 1939.

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BOOK 4247

INDEX DIAGRAM.

Township 10 South, Range 6 East.

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a portion of
Survey of the subdivisonal lines of T. 10 S., R. 6 E.

Chains

The survey herein described was executed by Ty White, Surveyor, using Buff transit No. 18002. For description and test of instrument and establishment of meridian, see the field notes of the subdivisonal lines of T. 10 S., R. 4 W., surveyed under this group.

The azimuths of all the lines of survey herein described were determined with the solar attachment.

All the measurements were made with a Lufkin steel tape, 5 chains in length, graduated every link for the first 100 links. The tape was tested by comparison with a Lufkin standard tape and found correct. All measurements were made on the slope, the vertical angle of each interval determined with a clinometer in good adjustment, and the horizontal equivalents entered in the field notes.

From the cor. of secs. 3, 4, 9 and 10.

N. 0° 02' W., on a random line, bet. secs. 3 and 4.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect the cor. of secs. 3 and 4 only, on the N. bdy. of the Tp.; an iron post, 2 ins. diam., firmly set in a mound of stone to top, 3 ft. base, 3 ft. high, marked and witnessed as described in the official record.

Thence

S. 0° 02' E., on true line, bet. secs. 3 and 4.

Over mountainous land, thru scattering timber and undergrowth.

Ascend 74 ft. over a N. slope.

2.55 Spur, slopes W. from a peak, which bears E., 5.00 chs. dist.; desc. 183 ft. over a S. slope.

25.55 Wash, 15 lks. wide, 2 ft. deep, course E.; asc. 89 ft. over a NE. slope.

32.95 Low, short spur, slopes S. 70° E.; desc. 23 ft. over a gradual S. slope.

36.85 Head of a drain, course E.; asc. a gradual N. slope.

39.86 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground to bedrock, with a stone marked with a cross (X) deposited at the base, and in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S4 | S3
1939

Ascend 56 ft. over a NE. slope.

42.90 Low, short spur, slopes E.; desc. 69 ft. over a SW. slope.

51.65 Gulch, course S. 70° E.; asc. 276 ft. over a precipitous NE. slope.

62.85 Top of a cliff, approx. 150 ft. high, bears NW. and SE.

a portion of
Survey of the subdivisional lines of T, 10 S., R. 6 E.

Chains									
64.15	Short, high spur, slopes E.; desc. 50 ft. over an abrupt S. slope.								
65.95	Gulch, course E; asc. 47 ft. over an abrupt N. slope.								
66.65	Short, spur, slopes E.; thence along a broken E. slope.								
68.45	Short spur, slopes E.; desc. 154 ft. over a S. slope.								
74.45	Ravine, course E.; asc. 144 ft. over a N. slope.								
78.30	Short spur, slopes N. 70° E.; asc. 20 ft. over a NE. slope.								
79.86	The cor. of secs. 3, 4, 9 and 10; an iron post, 2 ins. diam., firmly set, in a mound of stone to top, 2 ½ ft. base, 1 ½ ft. high, with brass cap marked								
	<table border="1"> <tr> <td colspan="2">T10S R6E</td> </tr> <tr> <td>S4</td> <td>S3</td> </tr> <tr> <td>S9</td> <td>S10</td> </tr> <tr> <td colspan="2" style="text-align: center;">1915</td> </tr> </table>	T10S R6E		S4	S3	S9	S10	1915	
T10S R6E									
S4	S3								
S9	S10								
1915									
	with a mound								
	of stone, 3 ft. base, 2 ft. high, W. of cor.								
	Land, mountainous.								
	Soil, rocky, 4th rate.								
	Timber, palo verde and ironwood; undergrowth, greasewood.								
	From the cor. of secs. 3, 4, 9 and 10.								
	S. 89° 58' W., on a random line, bet. secs. 4 and 9.								
40.07	A point 6 lks. N. of the true point for ¼ sec. cor.; which true point is 5.00 chs. N. 89° 58' E. of the witness cor. of same. Said witness ¼ sec. cor. is an iron post, 1 in. diam., 6 ins. above a mound of stone, 3 ft. base, 2 ½ ft. high, marked and witnessed as described in the official record.								
	Thence, from true point for ¼ sec. cor.								
	N. 89° 53' E., on true line bet. secs. 4 and 9.								
	Ascend 590 ft. over a SW. slope.								
10.25	Top of a high spur, slopes N. 45° W. A peak bears S., 1 ch. dist.; desc. 84 ft. over an E. slope, along the top of a ridge.								
16.15	Saddle in ridge; asc. 75 ft. along top of same.								
18.35	Leave top of ridge, bears N. 60° E. and W.; desc. 189 ft. over an E. slope.								
26.15	Ravine, course S.; asc. 92 ft. over a SW. slope.								
28.60	Short spur, slopes S. Thence along a S. slope, across the head of a ravine, course S. 45° W.								
29.30	High spur, slopes S. 60° E. from N. 20° W.; desc. 98 ft. over a NE. slope, across the head of a drain, N. 55° E.								
37.60	Spur, slopes N. 55° E.; desc. 78 ft. over a SE. slope.								
40.07	The cor. of secs. 3, 4, 9 and 10.								
	Land, mountainous.								
	Soil, rocky, 4th rate.								
	Timber, palo verde and ironwood; undergrowth, greasewood.								

a portion of
Survey of the subdivisional lines of T. 10 S., R. 6 E.

For the final test of the solar attachment, of instrument, see the field notes of the subdivisional lines of T. 12 S. R. 8 E., surveyed under this group.

General Description.

Secs. 3 and 4, T. 10 S., R. 6 E. lie at the southern extremity of the Sawtooth range of mountains. The main ridge of the range originates in the southwest corner of sec. 4 and runs northerly thru the east portion of the sec. The E. $\frac{1}{2}$ of sec. 3 and the W. $\frac{1}{2}$ of sec. 4 are nearly level and of general desert character. Small dry washes and ravines drain the slopes easterly, southerly and westerly. There are no water sources in either section. The soil is 2nd, 3rd and 4th rates, of volcanic ash. The wash bottoms are quite sandy but the area as a whole is quite rocky.

There is a medium growth of palo verde, ironwood, catclaw, mesquite and greasewood. A poor stand of native grasses occurs on the lower slopes and along the washes.

No mineral deposits were found. There are no roads or other improvements, and no settlers occupying either sec. Stock grazing is the only industry for which this land is used.

Mean magnetic declination is $14^{\circ} 15'$ E.

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(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4247

FIELD ASSISTANTS

NAMES	CAPACITY
<u>Harold R. Ruddell</u>	<u>Principal Assistant.</u>
<u>Van N. Kilgore</u>	<u>Chairman</u>
<u>James N. Pool</u>	<u>Flagman</u>
<u>Frank M. Stivers</u>	<u>Moundman</u>
<u>Landon Bates</u>	<u>Axeman</u>
<u>Kenneth H. Strotjost</u>	"
<u>Leroy Lewis</u>	"

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BOOK 228

CERTIFICATE OF SURVEYOR

I, Ty White, Surveyor, General Land Office, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 20th day of October, 38, received from the district cadastral engineer for Arizona, with assignment instructions dated January 12, 1939, I have surveyed a portion of the subdivisional lines, completing the subdivision of Township 10 South, 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 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.
Glendale, Calif., Jan. 31, 1941.

Ty White

Surveyor,
General Land Office

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,
Denver, Colorado, April 23, 1942.

The foregoing field notes of the survey of a portion of the subdivisional lines, completing the subdivision of Township 10 South, Range 6 East, of the Gila and Salt River Meridian, in the State of Arizona,

executed by Ty White, Surveyor, General Land Office, under special instructions dated October 20, 1938, and assignment instructions dated January 12, 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.

Wm. H. Johnson

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.~~