BOOK 4475

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

# FIELD NOTES

of the Resurvey of a Portion of the South Boundary and the Survey of a Portion of the Subdivision of Township 7 South, Range 20 East Of the Gila and Salt River Meridian, In the State of \_\_\_\_\_\_Arizona EXECUTED BY Fred R. Chappell, Cartographic Survey Aid Under special instructions dated November 10, 19,54, which provided for the surveys included under Group No. 297, approved November 10, 1954 and assignment instructions dated November 17 , 19 54 Survey commenced January 11 , 19 55 Survey completed March 3, , 19 55

U. S. GOVERNMENT PRINTING OFFICE

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### . Survey of the South Boundary, T. 7 S., R. 20 E.

Chains		
	The east half of the south boundary of this township was originally surveyed by T. F. White in 1877. The east half was resurveyed and the west half surveyed by L. R. Hanson in 1928 as represented on the plat of T. 8 S., R. 20 E., approved October 26, 1928, however, no corners were established for T. 7 S., R. 20 E. through the west three miles. The south half of the east boundary was originally surveyed by T. F. White in 1877; this portion was resurveyed and the north half surveyed by T. B. Matthews in 1915, as represented upon the plat of T. 7 S., R. 21 E., approved September 18, 1917. The north half of the west boundary and west half of the north boundary were	
	originally surveyed by T. F. White in 1877. Portions of the west boundary were surveyed or resurveyed by J. F. Hesse in 1913 as represented on the plat of T. 7 S., R. 19 E., approved July 21; 1914. The west half of the north boundary was resurveyed and the east half surveyed by W. E. Hiester in 1928; as represented on the plat of T. 6 S., R. 20 E., approved December 7, 1929. A portion of the subdivisional lines of T. 7 S., R. 20 E., was surveyed by T. F. White in 1877.	
th <sup>137</sup>	For a test of the instruments and methods used see the notes for T: 4 S., R: 22 E:	
	The geographic position of the southeast corner of the township is latitude 32°46'30" N., longitude 110°15'14" W. The magnetic declination is 14°15' E.	
		1
	Resurvey of a portion of the north boundary of T. 8 S., R. 20 E., with establishment of the corners for the south boundary of sec. 33, T. 7 S., R. 20 E.	
	From the cor. of secs. 3 and 4 on the north boundary of T. 8 S., R. 20 E., which is monumented with an iron post, set and marked as described in the official record.	
	From this cor. the true point for the cor. of secs. 33 and 34, T. 7 S., R. 20 E., bears east, 2.76 chs. dist.; its witness corner bears east, 10 lks. dist. from its true point.	
	West, on the north boundary of sec. 4.	
1.80	Rattlesnake Creek, 25 lks. wide, 2 ft. deep, course NNE.; asc. 165 ft. over E. slope.	
10.80	Spur, slopes S. 10° E.	
14.70	Arroyo, 30 lks. wide, 10 ft. deep, course S. 70° E.; asc. 275 ft. over NE. slope.	-
37.24	Point for the $\frac{1}{4}$ sec. cor. of sec. 33, 40 chs. west in latitude from the cor. of secs. 33 and 34, T. 7 S., R. 20 E.	
	Set. an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, and in a mound of stone to top, with brass cap mkd.	
	$\frac{\frac{1}{4}}{4}$ S33	
38.70	Small arroyo, course N. 80° E.	
40.00	The $\frac{1}{4}$ sec. cor. of sec. 4, monumented with an iron post, set and marked as described in the official record.	
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# Survey of the S. Bdy., T. 7 S., R. 20 E.

	Chains	
		West, beginning new measurement.
		Asc. 144 ft. over E. slope.
	8.30	Road, graded, dirt, bears N. and S.
	9.30	Rattlesnake Ridge, bears N. and S.; desc. 113 ft. over SW. slope.
	13.90	Wash, in draw, 10 lks. wide, course NW.
	18.10	Wash, in draw, 15 lks. wide, course N.; asc. 30 ft. over E. slope.
-	25,80	Spur, slopes N.; desc. 235 ft. over W. slope.
	36.90	Squaw Greek,
-	37,24.	Point for the cor. of secs. 32 and 33, 80 chs. west in latitude from the cor. of secs. 33 and 34 on the south boundary of T. 7 S., R. 20 E.
		Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins, diam,, 20 ins, in the ground, with brass cap mkd.
		T7SR20E S32   \$33 S4
		T8S 1955
	; • •	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
٠	40.00	The cor. of secs. 4 and 5, T. 8 S., R. 20 E., monumented with an iron post, set and marked as described in the official record.
	**************************************	Land, rolling, mountainous. Soil, rocky clay. Timber, very scattered pinon. Undergrowth, catclaw, mesquite, cacti, and grass.
		West, on the north boundary of sec. 5.
	• * • * :.	Asc. 88 ft. over E. slope.
	6.00	Slope changes to NE.; asc. 284.
	21.00	Spur, slopes NE.; desc. 47 ft. over W. slope.
	33.30	Wash, in draw, 20 lks. wide, 3 ft. deep, course NE.; asc. 42 ft. over E. slope.
	38.55	Spur, slopes N.; over broken N. slope.
,	40.42	The $\frac{1}{4}$ sec. cor. of sec. 5, monumented with an iron post, set and marked as described in the official record.
	a.	West, beginning new measurement.
	10.50	Wash, 1 ch. wide, 4 ft. deep, course N. 75° E.; asc. 152 ft. over broken NE. slope.
	33 <b>•</b> 70	Spur, slopes S. 80° E.; desc. 123 ft. over Sw. slope.
	39.98	The cor. of secs. 5 and 6, T. 7 S., R. 20 E., monumented with an iron post, set and marked as described in the official record.

# Survey of the S. Bdy., T. 7 S., R. 20 E.

	Survey of the S. Edy., T. 7 S., R. 20 E.
Chains	
	Land, rolling, mountainous.
	Soil, rocky clay. Timber, very scattered pinon.
•	Undergrowth, catclaw, mesquite, cacti, and grass.
	• • • • • • • • • • • • • • • • • • •
•	Partial Subdivision, T. 7 S., R. 20 E.
	From the cor. of secs. 32 and 33, on the south boundary of the township, heretofore described.
	N. 0° 05' E., bet. secs. 32 and 33.
•	Asc. 179 ft. over broken E. slope.
20.00	Spur, slopes E.; desc. 157 ft. over NNE. slope.
24.50	Wash, in canyon, 30 lks. wide, course E.; asc. 219 ft. over SE. slope.
33.30.	Spur, slopes E.; desc. 33 ft. over ENE slope.
40.81	Point for the \frac{1}{4} sec. core of secs. 32 and 33.
•	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
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	• \$32   \$33
	1955
41.00	Small draw, course E.; asc. 190 ft. over broken E. slope.
80 • 30	Spur, slopes E.
80.81	The cor. of secs. 28, 29, 32, and 33, monumented with a cobblestone, 16x10x6 ins., properly marked.
	At the cor. point.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
	T7SR2OE
	\$32\\$33   1955\cong   1955\con
	, * 3 <b>130Q</b> / * / * . * *
	Bury the original core alongside the iron post or a core
	Land, rolling ridges.
i ĝisto y s	Timber, none. Undergrowth, catclaw, mesquite, cacti, and grass.
	West, bet. secs. 29 and 32, establishing sectional correction line.
ł	
	Desc. 40 ft. over N. slope.
12.90	Desc. 40 ft. over N. slope.  Small wash, course NE.; asc. 124 ft. over N. slope.

#### Partial Subdivision, T. 7 S., R 20 E.

	Chains	
	22.00	Top of ascent; desc. 61 ft. over N. slope.
	31.30	Small draw, course NE.; asc. 125 ft. over SSE. slope of spur.
	40.00	Point for the ½ sec. cor. of secs. 29 and 32.
		Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. in diam., 15 ins. in the ground, and in a mound of stone to top, with brass cap mkd.
		$\frac{1}{4} \frac{\text{S } 29}{\text{S } 32}$ 1955
		Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
		Asc. 49 ft. over SSE. slope.
	43.20	Spur, slopes N. 50° E.; desc. 76 ft. over NW. slope.
	48.30	Wash, in draw, 20 lks. wide, course N. 20° E
	55,20	Wash, in draw, course N. 80° E.; asc. 69.ft. over \$E. slope.
	58.70	Spur, slopes NE.; desc. 127 ft. over W. slope.
,	65•80	Wash, 20 lks. wide, 4 ft. deep, course N. 20° Es; asc. 197 ft. over E. slope.
	80 • 00	Point for the cor. of secs. 29, 30, 31, and 32.
		Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.
		T7SR2OE S30   S29 • S31   S32 1955
ć.	. <u>1</u> 1 à	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.  Land, rolling ridges.
		Soil, rocky clay. Timber, scattered pinon and juniper.
		Undergrowth, catclaw, mesquite, cacti, and grass.
		S. 0° 03° E., bet. secs. 31 and 32.
		Desc. 90 ft. over S. slope.
	8.00	Draw, course S. 80° E.; asc. 65 ft. over N. slope.
	11.50	Spur, slopes E.; desc. 73 ft. over S. slope.
	17.80	Wash, 20 lks. wide, 3 ft. deep, course NE.; asc. 160 ft. over N. slope.
	26.60	Spur, slopes NE.; desc. 83 ft. over S. slope.
	35.70	Wash, 10 lks. wide, 4 ft. deep, course E.; asc. 115 ft. over N. slope
	40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.
		Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, with brass cap mkd.

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# Partial Subdivision, T. 7 S., R. 20 E.

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	Chains					
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		S31 S32 · · · ·				
		1955				
•	* Q#	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.				
	41.60	Spur, slopes E.; desc. 92 ft. over S. slope.				
	45.40	Draw, course S. 80° E.; asc. 62 ft. over N. slope.				
	50 • 50	Spur, slopes E.; desc. 80 ft. over S. slope.				
	55 <sub>•</sub> 80	Wash, 15 lks. wide, 3 ft. deep, course ENE.; asc. 206 ft. over N. slope.				
	66.70	Spur, slopes ENE.; desc. 49 ft. over S. slope.				
	71.20	Head of draw, course E.				
	80.81	Intersect the south boundary of the township.				
		Point for the closing cor. of secs. 31 and 32.				
		Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, and in a mound of stone to top, with brass cap mkd.				
		CC T7SR2OE S31   S32 S5				
		T8S 1955				
		From above point, the cor. of secs. 5 and 6, T. 8 S., R. 20 E., bears west, 3.18 chs. dist.				
		Land, rolling ridges.				
		Soil, rocky clay. Timber, scattered pinon and juniper.				
		Undergrowth, catclaw, mesquite, cacti, and grass				
At a point midway between the cors. of secs. 32 and 33 and closing cor. of secs. 31 and 32, point for the \(\frac{1}{4}\) sec. cor. sec. 32.						
		Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.				
		½ S 32				
		1955				
	Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.					
		From above point, the $\frac{1}{4}$ sec. cor. of sec. 5, bears west, 3.19 chs. dist. and is monumented with an iron post set and marked as described in the official record.				
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#### General Description

T. 7 S., R. 20 E. is bisected from the northwest corner to the southeast corner by Aravaipa Valley, which is excellent farming land, irrigated partially by water from Aravaipa Creek and partially by irrigation wells. The principal crops are hay and grain. The northeast portion and the southwest portion of T. 7 S., R. 20 E., which lies outside of Aravaipa Valley, is rolling, rocky, conglomerate ridges with deep dry washes and gullies covered to some extent with scattered timber and brush, with fair to good grass. Aravaipa, Valley is populated with small ranches.

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#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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#### FIELD ASSISTANTS

NAMES	CAPACITY
George Voorhees	Instrument man
LeRoy McCulley	Note-keeper
Vergean Porter	Chainman
Alburn Griffin	Flagman
Guy Pollock	Truck Driver
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	HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the	10th day of November , 195
have surreyed aupertion of the	south boundary and surveyed a portion of
the subdivision of T. 7 S., R. 20 E.	en e
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of the G. & S. R. Meridian, in the State of	Arizona, which are
epresented in the foregoing field notes as having bee	en executed by me and under my direction; and that
aid 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	I in the specific manner described in the foregoing
ield notes.	the state of the s
Salt Lake City, Utah	Fred B. Chappelf
June 28, 1955	Cartographic Survey Aid
CERTIFICATE (	OF APPROVAL
Andrew Control of the	BUREAU OF LAND MANAGEMENT,
	Washington, D. C., NOV 3 0 1955, 19
The foregoing field notes of the surveyof _resur	veyhof a portion of the south boundary
and the survey of a portion of the subdi	yiaica of Ton 7 Soi Re 20 E., G. & S. R.
executed by Fred R. Chappell	
aving been critically examined and found correct, a	are hereby approved.
en e	Chief Division of Cadastral Engineering. ActingCadastral Engineering Staff Office
	Acungcadastral Engineering Stail Offic
CERTIFICATE O	F TRANSCRIPT
CENTIFICATE O	F TRANSCRIPT
I CERTIFY that the foregoing transcript of the fie	eld notes of the above-described surveys in
, is a true copy of the c	original field notes.
	Chief, Division of Cadastral Engineering.

CERTIFICATE OF CADASTRAL ENGINEER