

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(1)

ORIGINAL

FIELD NOTES

of the

Dependent Resurvey

Of a Portion of the

South Boundary

and a

Portion of the Subdivision

of

Township 8 South, Range 31 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

George M. Boofer, Cartographer (Cadastral)

Under special instructions dated November 16, 1954, which provided  
for the surveys included under Group No. 299, approved November 16, 1954  
and assignment instructions dated February 24, 1956

Survey commenced March 8, 1956

Survey completed March 12, 1956

4502

4502

1A

BOOK 4502

# INDEX DIAGRAM

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T. 8 S., R. 31 E.

## Chains

The north and east boundaries and a portion of the subdivision were surveyed by T. F. White in 1882. The west boundary was surveyed by C. E. Hunter in 1931, and the south boundary was surveyed by M. F. Duval in 1910.

The following field notes are those of the survey of a portion of the subdivision of T. 8 S., R. 31 E., determined sufficient in extent to facilitate development of the natural resources and mark the boundaries of the sections that normally are considered State school sections.

For the test of the instruments and the methods employed, refer to the field notes for T. 6 S., R. 29 E.

The geographic position for the SE. cor. of sec. 32 is latitude  $32^{\circ}41'09''$  N. and longitude  $109^{\circ}10'38''$  W., as determined from a State of Arizona map. The magnetic declination for the township is  $13\frac{1}{2}^{\circ}$  E. as determined from a map showing magnetic declinations of the United States.

Dependent Resurvey of a Portion of the South Boundary of  
T. 8 S., R. 31 E.

Reestablishment of the Survey  
Executed by H. F. Duval, Surveyor, in 1910.

The cor. of secs. 4, 5, 32, and 33, on the south boundary of T. 8 S., R. 31 E., which is monumented with an 18 x 12 x 8 ins. malpais stone, marked with 2 notches on the W. face and 4 notches on the E. face.

At the cor. point

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked

T8S	R31E
S32	S33
S5	S4
T9S	
1956	

raise a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high, S. of cor.

Bury the original monument in a mound of stone alongside the iron post.

West, bet. secs. 5 and 32.

Over rolling land, through scattered undergrowth.

Asc. 165 ft. over SE. slope.

18.10 Low spur, slopes NE.; desc. 185 ft. over NW. slope.

38.65 Wash, 25 lks. wide, 2 ft. deep, drains NNW.

39.86 The  $\frac{1}{4}$  sec. cor. of secs. 5 and 32, which is monumented with a 15 x 10 x 7 ins. malpais stone, set firmly in the ground, with  $\frac{1}{4}$  chiseled on the W. face.

At the cor. point.

Dependent Resurvey of a Portion of the South Boundary, T. 8 S., R. 13 E.

Chains	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked</p> <p style="text-align: center;"> <math display="block">\frac{1}{4} \begin{array}{r} S 32 \\ S 5 \end{array}</math> </p> <p>1956</p> <p>raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Reset the original monument alongside the iron post.</p>
	<p>West, beginning new measurement.</p> <p>Asc. 115 ft. over gradual rocky N. slope.</p>
40.16	<p>The cor. of secs. 5, 6, 31, and 32, on the S. bdy. of T. 8 S., R. 31 E., which is monumented with a 20 x 15 x 10 ins. malpais stone, 1 notch on the W. face and 5 notches on the E. face.</p> <p>At the cor. point</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to cap, with brass cap marked</p> <p style="text-align: center;"> <math display="block">\begin{array}{cc} T8S &amp; R31E \\ S31 &amp;   &amp; S32 \\ S6 &amp;   &amp; S5 \\ T9S &amp; &amp; \\ 1956 &amp; &amp; \end{array}</math> </p> <p>raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.</p> <p>Bury original monument in mound of stone alongside the iron post.</p> <p>Land, rolling.</p> <p>Soil, shallow and rocky.</p> <p>Undergrowth, greasewood, catclaw, sagebrush, and sparse grass.</p>
<p>Partial Subdivision, T. 8 S., R. 31 E.</p>	
	<p>Beginning at the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the township.</p> <p>N. 0° 02' W., bet. secs. 32 and 33.</p> <p>Over rolling land, through scattered undergrowth.</p> <p>Asc. 75 ft. over SE slope.</p>
1.80	Fence, 4 strands barbed wire, bears N. 35° E. and S. 35° W.
15.65	Spur, slopes NE.; desc. 230 ft. over moderate NW. slope.
35.70	Wash, 20 lks. wide, 3 ft. deep, drains NW.
36.30	Base of descent; thence over slightly rolling land.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.

## Partial Subdivision, T. 8 S., R. 31 E.

## Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground, and in a mound of stone to cap, with brass cap marked

½  
S32|S33  
1956

Continue descending 105 ft. over gradual NW. slope to cor.

80.00 Point for the cor. of secs. 28, 29, 32, and 33

Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap marked

T8S R31E  
S29|S28  
S32|S33  
1956

Land, rolling to mesa.

Soil, shallow and rocky.

Undergrowth, greasewood, catclaw, and sparse grass.

Beginning at the cor. of secs. 31 and 32, on the S. bdy. of the township.

N. 0° 03' W., bet. secs. 5, 6, 31, and 32.

Over rolling land, through scattered undergrowth.

Desc. 225 ft. over rocky N. slope.

1.40 Wash, 15 lks. wide, 2 ft. deep, drains NE.

8.45 Wash, 5 lks. wide, 8 ft. deep, drains NE.; continue gradual descent.

22.00 Wash, 20 lks. wide, 5 ft. deep, drains SE.; asc. 85 ft. over gradual E. slope.

30.00 Spur, slopes E.; desc. N. slope.

40.00 Point for the ¼ sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. firmly in the ground to bedrock, and in a mound of stone to cap, with brass cap marked

½  
S31|S32  
1956

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Desc. 80 ft. over N. slope.

60.00 Base of spur; thence over mesa land.

71.10 Wash, 20 lks. wide, 4 ft. deep, drains ENE.

72.04 Base of ascent; asc. 65 ft. over S. slope.

80.00 Point for the cor. of secs. 29, 30, 31, and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground, with brass cap marked

Partial Subdivision, T. 8 S., R. 31 E.

Chains

T8S R31E  
S30|S29  
S31|S32  
1956

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Cor. falls on the W. slope of rocky ridge.

Land, rolling.  
Soil, shallow and rocky.  
Undergrowth, greasewood, catclaw, and sparse grass.

Beginning at the cor. of secs. 28, 29, 32, and 33.

S. 89° 57' W., bet. secs. 29 and 32.

Over rolling land, through scattered undergrowth.

3.70 Wash, 30 lks. wide, 1 ft. deep, drains NE.

8.80 Wash, 20 lks. wide, 3 ft. deep, drains SE.

30.00 Base of spur, asc. 95 ft. over E. slope.

40.00 Top of ridge; bears N. 35° W. and S. 35° E.

40.02 Point for the ¼ sec. cor. of secs. 29 and 32.

Set an iron post, 30 ins. long, 2½ ins. diam., on solid rock, and in a mound of stone to cap, with brass cap marked

¼ S 29  
S 32  
1956

raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

55.35 Small wash, 10 lks. wide, 2 ft. deep, drains SSW.; asc. 380 ft. over steep SE. slope.

68.60 Spur, slopes W.; desc. 120 ft. over W. slope.

80.04 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.  
Soil, rocky.  
Undergrowth, greasewood, sagebrush, and sparse grass.

General Description

The land is principally shallow and rocky soil, lying at the north end of Black Hills, and is located approximately 5 miles west of Duncon, Arizona. There is one main wash (Whitefield Wash) which enters the township 3 chains east of sec. cor. for 4, 5, 32, and 33, draining in a northeasterly direction. High 70 to Lordsburg, near Mexico, enters the W. bdy. in sec. 18 and leaves the township in sec. 25.

T. 8 S., R. 31 E.

Chains

The soil is very rocky, with light sandy loam and the only water in the township is a number of dirt tanks along Whitefield Canyon that are seasonal. The Cox ranch is approximately 1½ miles NW. of the SW. cor. of the township.

The soil is very poor and is used for grazing purposes only. The Elmer Stephens allotment takes in most of the township.

4-680  
(Feb., 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Arlo P. Lloyd	Assistant instrumentman
Rex D. Montierth	Assistant instrumentman
John R. Koger	Note Keeper
Paul D. Barnes	Flagman
Kenneth C. Pettingill	Truck Driver and Moundsman
Bob Lee Brackenbury	Axeman
Rex Edwards, Jr.	Axeman
E. Wayne Sibley	Axeman

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CERTIFICATE OF CADASTRAL ENGINEER

I, George M. Boofer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 16th day of November, 1954 I have surveyed a portion of the South bdy. and a partial subdivision of Township 8 South, Range 31 East.

of the G. & S. R. 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.

June 28, 1956
Salt Lake City, Utah

George M. Boofer
George M. Boofer
Cartographer (Cadastral)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., OCT 31 1956, 19

The foregoing field notes of the resurvey of a portion of the South bdy. and a partial subdivision of Township 8 South, Range 31 East, G & S R M, Arizona

executed by George M. Boofer
having been critically examined and found correct, are hereby approved.

James O. Clement
Acting Cadastral Engineering Staff Officer.

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.

Cadastral Engineering Staff Officer.