

**BOOK 4836**  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

original

(1)

# FIELD NOTES

SURVEY

of a portion

of the

SUBDIVISIONAL LINES

T. 7 S., R. 20 E.

Multiple horizontal lines for handwritten notes.

Of the Gila and Salt River Meridian,

In the State of Arizona

### EXECUTED BY

Kenneth D. Herman

Cadastral Surveyor

Jerrold E. Knight

Cadastral Surveyor

Under special instructions dated April 18, 19 67, which provided for the surveys included under Group Number 452, approved April 19, 1967, and assignment instructions dated April 20, 19 67.

Survey commenced May 2, 19 67

Survey completed May 4, 19 67

1A

# INDEX DIAGRAM

Township 7 South, Range 20 East,

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Township 7 South, Range 20 East  
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>The east three miles of the south boundary, the south three miles of the east boundary, the west three miles of the north boundary, the north three miles of the west boundary and a portion of the subdivisional lines were surveyed in 1877 by T. F. White. The south three miles of the west boundary was surveyed and the north two miles resurveyed in 1913 by J. F. Hesse. The south three miles of the east boundary was resurveyed and the north three miles surveyed in 1915 by T. B. Mathews. The east three miles of the south boundary was resurveyed and the west three miles surveyed in 1928 by T. Vander Meer. The east three miles of the north boundary were surveyed and the west three miles resurveyed in 1928 by W. E. Hiester. Section 32 was surveyed in 1955 by Fred R. Chappell.</p> <p>The following field notes are those of the survey of a portion of the subdivisional lines, Township 7 South, Range 20 East, Gila and Salt River Meridian, Arizona.</p> <p>The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 18, 1967.</p> <p>Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post, 30 inches long, 2½ inches in diameter, flanged at the base, with a brass cap riveted to the top.</p> <p>The geographic position of the southeast corner of section 1, as scaled from U. S. G. S. quadrangle, Jackson Mt., Ariz. is: Latitude 32°50'48" N., and Longitude 110°14'47" W.</p> <p>The mean magnetic declination was found to be 14° E.</p>
	<p>Survey of a Portion of the Subdivisional Lines T. 7 S., R. 20 E., G &amp; SRM., Arizona</p>
	<p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented by an iron post, 3 ins. in diam., as described in the official record of the survey in 1915.</p> <p>West, bet. secs. 1 and 12.</p> <p>Over rolling land through medium undergrowth.</p>
4.80	Wash, in Buford Canyon, 30 lks. wide, 3 ft. deep, drains S. 60° W.
6.60	Top of spur, slopes S.
7.80	Ravine, drains S.
13.20	Top of spur, slopes S. 15° W.
20.00	Wash, 20 lks. wide, 2 ft. deep, drains irregularly S.
28.80	Track road, bears N. 15° E. and S. 15° W.
29.30	Wash, 30 lks. wide, 3 ft. deep, drains S. 15° W.
40.00	Point for the ¼ sec. cor. of secs. 1 and 12.

Survey, Portion Subdivisional Lines, T. 7 S., R. 20 E.

CHAINS.		
	<p>Set the iron post 18 ins. in the ground, in a collar of stone to top, brass cap mkd.</p> <p style="text-align: center;">T7S R20E  <math>\frac{1}{4}</math> <math>\frac{S 1}{S 12}</math>                      1967</p> <p>Corner falls on steep N. slope.</p> <p>Continue along steep N. slope through dense undergrowth.</p>	
46.60	Asc. over E. slope of Quartz Hill.	
54.00	Begin ascent of nearly vertical granite cliffs.	
64.90	Top of spur, slopes SW. from Quartz Hill.	
66.30	Descend over cliff 100 ft. high, bears N. and S.	
80.00	<p>Point for the cor. of secs. 1, 2, 11 and 12.</p> <p>Set the iron post 4 ins. in the ground, in a mound of stone to top, brass cap mkd.</p> <p style="text-align: center;">T7S R20E  <math>\frac{S 2}{S 11} \mid \frac{S 1}{S 12}</math>                      1967</p> <p>Corner falls on rocky S. slope.</p> <p>Land, mountainous.                      Soil, rocky loam.                      Timber, scattered juniper.                      Undergrowth, bunch grass, rabbit bush, cacti and oak brush.</p>	
	<p>N. 0°06' W., bet. secs. 1 and 2.</p> <p>Over rolling land.</p>	
22.80	Top of ridge, bears S. 40° E. and N. 40° W.	
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 1 and 2.</p> <p>Set the iron post 18 ins. in the ground, brass cap mkd.</p> <p style="text-align: center;">T7S R20E  <math>\frac{1}{4}</math>  <math>S 2 \mid S 1</math>                      1967</p> <p>Raise a mound of stone W. of the iron post.</p> <p>Continue over rolling mountainous land.</p>	
61.80	Track road, bears irregularly E. and W.	
76.75	<p>The cor. of secs. 35 and 36, T. 6 S., R. 20 E., on the N. bdy. of the Tp., monumented by an iron post 2 ins. in diam., as described in the official record of the survey in 1928. This corner now functions as the cor. of secs. 1, 2, 35 and 36, Tps. 6 and 7 S., R. 20 E.</p>	

Survey, Portion Subdivisional Lines, T. 7 S., R. 20 E.

CHAINS	
	<p>I add the additional markings to the brass cap to read:</p> <p style="text-align: center;">                     T6S R20E  <math>\frac{S35}{S2}   \frac{S36}{S1}</math>                      T7S                      1967                      1928                 </p> <p>Land, mountainous.                      Soil, rocky loam.                      Timber, scattered juniper.                      Undergrowth, bunch grass, rabbit bush, cacti and oak brush.</p>
	<p>The witness <math>\frac{1}{4}</math> sec. cor. of sec. 36, T. 6 S., R. 20 E., on the N. bdy. of the Tp., monumented by an iron post, 1 in. in diam., as described in the official record of the survey in 1928. This corner now functions as the witness <math>\frac{1}{4}</math> sec. cor. of secs. 1 and 36, Tps. 6 and 7 S., R. 20 E. I add the additional markings to the brass cap to read:</p> <p style="text-align: center;">                     W C                      T6S R20E  <math>\frac{1}{4} \frac{S36}{S1}</math>                      T7S                      1967                      1928                 </p>
	<p>From the cor. of secs. 1, 2, 11 and 12.</p> <p>West, bet. secs. 2 and 11.</p> <p>Over rolling land along rocky S. slope, through medium undergrowth.</p>
1.80	Slope changes to W.; descend.
19.20	Wash, 20 lks. wide, 3 ft. deep, drains S. 60° E.
22.10	Top of spur, slopes S. 60° E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.
	<p>Set the iron post 16 ins. in the ground, in a mound of stone to top, brass cap mkd.</p> <p style="text-align: center;">                     T7S R20E  <math>\frac{1}{4} \frac{S2}{S11}</math>                      1967                 </p> <p>Corner falls on S. slope, 30 lks. N. of a small wash draining southwesterly.</p>
40.90	Small wash, 20 lks. wide, 1 ft. deep, drains S. 80 lks. dist., thence S. 60° W.
46.00	Top of spur, slopes SW.
56.90	Ravine with a series of dams, drains S.
57.40	Top of rock outcrop, 100 ft. high.
68.90	Top of spur, slopes S. 15° W.

Survey, Portion Subdivisional Lines, T. 7 S., R. 20 E.

<p>CHAINS 80.00</p>	<p>Point for the cor. of secs. 2, 3, 10 and 11.</p> <p>Set the iron post 12 ins. in the ground, in a mound of stone to top, brass cap mkd.</p> <div style="text-align: center;"> <p>T7S R20E  <u>S 3   S 2</u>  S10   S11  1967</p> </div> <p>Corner falls in low saddle bearing NE. and SW.</p> <p>Land, rolling.  Soil, rocky clay loam.  Timber, widely scattered mesquite.  Undergrowth, bunch grass, cacti and oak brush.</p>
<p>0.50</p> <p>9.50</p> <p>18.40</p> <p>22.70</p> <p>39.00</p> <p>40.00</p>	<p>N. 0°12' W., bet. secs. 2 and 3.</p> <p>Over rolling land, through medium undergrowth.</p> <p>Descend N. slope.</p> <p>Wash, 10 lks. wide, 3 ft. deep, drains W.</p> <p>Top of spur, slopes W. 2.00 chs. dist., thence SW.</p> <p>Wash, 20 lks. wide, 3 ft. deep, drains W.</p> <p>Wash, 10 lks. wide, 3 ft. deep, drains N. 60° W., 1.50 chs. dist., thence N.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 2 and 3.</p> <p>Set the iron post 15 ins. in the ground, in a mound of stone to top, brass cap mkd.</p> <div style="text-align: center;"> <p>T7S R20E  <math>\frac{1}{4}</math>  <u>S 3   S 2</u>  1967</p> </div> <p>Corner falls on W. slope.</p>
<p>43.60</p> <p>47.10</p> <p>76.72</p>	<p>Wash, 10 lks. wide, 3 ft. deep, drains W.</p> <p>Dim track road, bears NE. and SW.</p> <p>The cor. of secs. 34 and 35, T. 6 S., R. 20 E., on the N. bdy. of the Tp., an iron post, 2 ins. in diam., as described in the official record of the survey in 1928. This corner now functions as the cor. of secs. 2, 3, 34 and 35, Tps. 6 and 7 S., R. 20 E. I add the additional markings to the brass cap to read:</p> <div style="text-align: center;"> <p>T6S R20E  <u>S34   S35</u>  S 3   S 2  T7S  1967  1928</p> </div>

## Survey, Portion Subdivisional Lines, T. 7 S., R. 20 E.

CHAINS	
	<p>Land, rolling. Soil, rocky clay loam. Timber, widely scattered mesquite. Undergrowth, bunch grass, cacti and oak brush.</p>
	<p>The <math>\frac{1}{4}</math> sec. cor. of sec. 35, T. 6 S., R. 20 E., on the N. bdy. of the Tp., an iron post, 1 in. in diam., as described in the official record of the survey in 1928. This corner now functions as the <math>\frac{1}{4}</math> sec. cor. of secs. 2 and 35, Tps. 6 and 7 S., R. 20 E. I add the additional markings to the brass cap to read:</p> <p style="text-align: center;">T6S R20E <u><math>\frac{1}{4}</math> S35</u> S2 T7S 1967 1928</p>
	<p>General Description</p>
	<p>The area surveyed in Township 7 South, Range 20 East, is mountainous land with rocky, clay loam soil, covered with bunch grass, rabbit brush, cacti and oak brush, with scattered juniper timber and mesquite throughout.</p> <p>Sections 1 and 2 are located about 3 miles northeast of Klondyke, Arizona on the Coronado National Forest.</p> <p>Grazing of livestock is presently the predominating interest; however, the habitat is well suited to quail, javelina and deer, which were noted throughout the area.</p>

Form 4-680  
(June 1963)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Ray E. Thiessen	Survey Aid
Martin W. Fuller	Survey Aid
Willard R. Wilber	Survey Aid



CERTIFICATE OF SURVEY

We  
I, Kenneth D. Herman and Jerrold E. Knight, HEREBY CERTIFY upon honor that,  
in pursuance of special instructions bearing date of the 18th day of April, 1967,  
We  
I have surveyed a portion of the subdivisional lines of Township 7 South,  
Range 20 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 <sup>us</sup> ~~me~~ and under <sup>our</sup> ~~my~~ direction;  
and that said survey has been made in strict conformity with said special instructions, the Manual  
of Instructions for the Survey of the Public Lands of the United States, and in specific manner  
described in the foregoing field notes.

March 28, 1968  
\_\_\_\_\_  
(Date)

*Kenneth D. Herman*  
\_\_\_\_\_  
(Cadastral Surveyor)

March 28, 1968  
\_\_\_\_\_  
(Date)

*Jerrold E. Knight*  
\_\_\_\_\_  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL  
Date DEC 31 1968

BUREAU OF LAND MANAGEMENT,  
Washington, D. C.

The foregoing field notes of the survey of a portion of the subdivisional lines  
of Township 7 South, Range 20 East of the Gila and Salt River Meridian,  
Arizona,

executed by Kenneth D. Herman and Jerrold E. Knight,  
having been critically examined and found correct, are hereby approved.

APR 18 1969  
\_\_\_\_\_  
(Date)

*Clark J. Gumm*  
\_\_\_\_\_  
(Chief, Division of Engineering)  
Chief, Division of Cadastral Survey

~~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.~~

~~\_\_\_\_\_  
(Date)~~

~~\_\_\_\_\_  
(Chief, Division of Engineering)~~