

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE SURVEY OF

A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 3 NORTH, RANGE 3 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald E. Harding Cadastral Surveyor

Under special instructions dated February 24, 1958, which provided
for the surveys included under Group No. 325, approved February 24, 1958
and assignment instructions dated March 11, 1958

Survey commenced March 19, 1958

Survey completed March 26, 1958

1A

BOOK 4551

INDEX DIAGRAM

Township 3 North, Range 3 West

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Township 3 North, Range 3 West

Chains

The north boundary of the township was surveyed by Voigt and Gill in 1915 as represented on the plat of T. 4 N., R. 3 W., approved December 24, 1917. The south boundary was surveyed by Joy, Vander Meer and Mollette in 1934 as represented on the plat of T. 2 N., R. 3 W., approved February 23, 1935. The east boundary was surveyed by W. H. Thorn in 1922 as represented on the plat of T. 3 N., R. 2 W., approved April 22, 1924. The west boundary was surveyed by Voigt and Gill in 1915 as represented on the plat of T. 3 N., R. 4 W., approved December 24, 1917. A portion of the subdivisional lines were surveyed by Paul K. Russell in 1955 as represented on the plat accepted November 15, 1955.

This survey was requested by the range manager in charge of Arizona Grazing Districts 2 and 3 in memorandum dated July 8, 1957 to facilitate range management.

The following field notes are those of the survey of a portion of the subdivisional lines. The survey was executed with a W. and L. E. Gurley solar transit serial No. 541332 constructed in accordance with the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition and placed in proper adjustment prior to beginning of the survey. The azimuth of all lines was ascertained by direct solar observation and checked from time to time with a solar attachment. Measurements were made with a Chicago steel tape 8 chains in length graduated every one-tenth link for the first link and every link for the next 99 links and every 10 links thereafter. The tape was tested by comparison with a standard steel tape and found to be correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by clinometer in good adjustment. The horizontal equivalents only are entered in this field note record. The geographic position of the southeast corner of section 25 is in latitude $33^{\circ} 33' 52''$ N. and longitude $112^{\circ} 30' 49''$ W.

The mean magnetic declination is $14^{\circ} 30'$ E.

 Portion of the Subdivision, T. 3 N., R. 3 W.

From the cor. of secs. 25, 26, 35 and 36, which is monumented by an iron post set, mkd. and witnessed as described in the official record.

N. $0^{\circ} 01'$ W., bet. secs. 25 and 26.

Desc. 30 ft. over N. slope through scattered undergrowth.

3.20 Wash, 60 lks. wide, $2\frac{1}{2}$ ft. deep, drains ENE.

Asc. 280 ft. over steep rocky SE. slope.

25.50 Spur, slopes SE.; desc. 335 ft. over steep rocky NE. slope.

37.30 Wash, drains E.; asc. 35 ft. over rocky S. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 26.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground in a mound of stone to top, with brass cap mkd.

T3N R3W

$\frac{1}{4}$

S26 | S25

1958

Asc. 560 ft. over steep rocky SE. slope.

53.30 Ridge, bears NE. and SW.; desc. 290 ft. over rocky NW. slope.

Portion of the Subdivision, T. 3 N., R. 3 W.

Chains	
65.50	Wash, 50 lks. wide, 2 ft. deep, drains NE. Asc. 40 ft. over rocky SE. slope.
72.90	Spur, slopes ESE.; desc. 130 ft. over N. slope.
79.50	Wash, 60 lks. wide, 2 ft. deep, drains E.
80.00	Point for the cor. of secs. 23, 24, 25 and 26. Set an iron post, 28 ins. long, 2½ ins. diam., over a cross (X) cut in solid rock, in a mound of stone to top, with brass cap mkd.
	T3N R3W S23 S24 S26 S25 1958
	Land, high and rocky. Soil, third rate gravelly, sandy clay. Timber, none. Undergrowth, medium dense ocotillo, cat claw, Spanish dagger, cacti and grass.
	From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp. which is monumented with an iron post, set, mkd. and witnessed as described in the official record. N. 89° 54' W., bet. secs. 24 and 25. Asc. 215 ft. over broken NE. slope.
1.80	Spur, slopes N.
7.80	Spur, slopes NNE.
12.00	Spur, slopes NNE.
22.40	Spur, slopes NNE. Desc. 50 ft. over NW. slope.
27.80	Draw, drains NNW.; asc. 265 ft. over NE. slope.
35.40	Spur, slopes N.; desc. 195 ft. over NW. slope.
39.99	Point for the ¼ sec. cor. of secs. 24 and 25. Set an iron post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground on solid bedrock, in a mound of stone to top, with brass cap mkd.
	T3N R3W ¼ S24 ¼ S25 1958
	Desc. 360 ft. over rocky NW. slope.
51.10	Rocky draw, drains NW., thence over broken N. slope.
64.60	Wash, 40 lks. wide, 2 ft. deep, drains NE.
72.90	Wash, 60 lks. wide, 2½ ft. deep, drains NNE.
79.98	The cor. of secs. 23, 24, 25 and 26.

Portion of the Subdivision, T. 3 N., R. 3 W.

Chains

Land, high and rocky.
Soil, third rate gravelly, sandy clay.
Timber, none.
Undergrowth, ocotillo, cat claw, thorn brush, Spanish dagger, cacti and grass.

N. 0° 01' W., bet. secs. 23 and 24.

Asc. 190 ft. over rocky SE. slope.

8.10 Spur, slopes ESE.; asc. 125 ft. over S. slope.

18.60 Ridge, bears E. and W.; desc. 80 ft. over NW. slope.

28.20 Slope changes to SW.; asc. 110 ft.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 23 and 24.

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to solid rock in a mound of stone to top, with brass cap mkd.

T3N R3W

$\frac{1}{4}$

S23 | S24

1958

Asc. 20 ft. over SW. slope.

43.50 Spur, slopes NNW.; desc. 330 ft. over rocky N. slope.

54.30 Wash, 40 lks. wide, 3 ft. deep, drains ENE.

Asc. 270 ft. over rocky S. slope.

66.50 Slope changes to SE.; asc. 40 ft.

75.00 Spur, slopes NE.; desc. 70 ft. over rocky N. slope.

79.20 Toe of slope.

80.00 Point for the cor. of secs. 13, 14, 23 and 24.

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone to top, with brass cap mkd.

T3N R3W

S14 | S13

S23 | S24

1958

Land, high and mountainous
Soil, third rate, rocky.
Timber, none.
Undergrowth, ocotillo, cat claw, thorn brush, cacti and grass.

From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp. which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

N. 89° 53' W. bet. secs. 13 and 24.

BOOK 4551

Portion of the Subdivision, T. 3 N., R. 3 W.

Chains	
	Asc. 60 ft. over general E. slope, through scattered undergrowth.
7.50	A road, bears NW. and SE.
19.90	Wash, 60 lks. wide, 2 ft. deep, drains SE.; asc. 200 ft. over rocky E. slope.
29.60	Spur, slopes NNE.; desc. 75 ft. over NW. slope.
35.30	Wash, 60 lks. wide, 2 ft. deep, drains NE.; asc. 100 ft. over SE. slope.
39.95	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., over a cross (X) cut in solid rock and in a mound of stone to top, with brass cap mkd.
	T3N. R3W $\frac{1}{4}$ S13 S24 1958
	Asc. 385 ft. over rocky NE. to N. slope.
60.00	Slope changes to E.; asc. 85 ft.
62.20	Spur, slopes NNE.; desc. 30 ft. over NNW. slope.
67.70	Bottom of descent; asc. 130 ft. over NE. slope.
79.90	The cor. of secs. 13, 14, 23 and 24. Land, mountainous. Soil, third rate, rocky. Timber, none. Undergrowth; ocotillo, cat claw, thorn brush, cacti and grass.
	N. 0° 01' W., bet. secs. 13 and 14.
	Asc. 50 ft. over S. slope.
3.00	Ridge, bears E. and SW.; desc. 600 ft. over rocky broken N. slope.
17.00	Wash, 60 lks. wide, 3 ft. deep, drains E.; asc. 330 ft. over rocky S. slope.
25.70	Spur, slopes ESE.; desc, 80 ft. over N. slope.
27.70	Draw, drains E.; asc. 90 ft. over S. slope.
31.00	Spur, slopes SE.; desc. 125 ft. over NE. slope.
36.30	Wash, 30 lks. wide, 2 ft. deep, drains SE.
37.80	Toe of descent, wash 40 lks. wide, 3 ft. deep, drains SE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 14. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock and in a mound of stone to top, with brass cap mkd.
	T3N R3W $\frac{1}{4}$ S14 S13 1958

Portion of the Subdivision, T. 3 N., R. 3 W.

Chains	
51.60	Asc. 440 ft. over broken SE. slope. Spur, slopes ENE.; desc. 560 ft. over NNW. slope.
66.00	Wash, 30 lks. wide, 3 ft. deep, drains ENE.; asc. 100 ft. over SE. slope.
73.00	Spur, slopes E.; desc. 200 ft. over NE. slope
80.00	Point for the cor. of secs. 11, 12, 13 and 14. Set an iron post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone to top, with brass cap mkd.
	T3N R3W S11 S12 S14 S13 1958
	Raise a mound of stone, 3 ft. base, 3 ft. high, S. of cor. Land, mountainous. Soil, third rate, rocky. Timber, none. Undergrowth, ocotillo, cat claw, thorn brush, cacti and grass.
	From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp., which is monumented with an iron post, set, mkd. and witnessed as described in the official record.
	N. 89° 58' W., bet. secs. 12 and 13.
	Asc. 170 ft. over gradual SE. slope, through scattered undergrowth.
11.00	Wash, 10 lks. wide, 1 ft. deep, drains SSE.
12.30	Road, bears SW. and NE.
18.20	Wash, 10 lks. wide, 1 ft. deep, drains SSE.
21.30	Road, bears SE. and NW.
24.30	Low ridge, bears NE. and SW.; desc. 100 ft. over NW. slope.
39.97	Point for the ¼ sec. cor. of secs. 12 and 13. Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	T3N R3W ¼ S12 S13 1958
43.30	Wash, 30 lks. wide, 2 ft. deep, drains ENE.; asc. 60 ft. over NE. slope.
69.50	Wash, 30 lks. wide, 2 ft. deep, drains NE.; asc. 80 ft. over SE. slope.
79.94	The cor. of secs. 11, 12, 13 and 14. Land, rolling. Soil, third rate gravel. Timber, none. Undergrowth, ocotillo, cat claw, thorn brush, cacti and grass.

Portion of the Subdivision, T. 3 N., R. 3 W.

Chains	N. 0° 02' E., bet. secs. 11 and 12. Desc. 50 ft. over NE. slope.
7.40	Road, bears E. and W.
12.80	Wash, 50 lks. wide, 2 ft. deep, drains ENE.; asc. 410 ft. over broken S. slope.
34.70	Power line, bears NW. and SE.
40.05	Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12. Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., over a cross (X) cut in solid rock, and in a mound of stone to top, with brass cap mkd.
	T3N R3W $\frac{1}{4}$ S11 S12 1958
	Asc. 610 ft. over broken SSE. slope.
75.00	Spur, slopes E.; desc. 30 ft. over NE. slope
80.10	The cor. of secs. 1, 2, 11 and 12, which is monumented with an iron post, set, mkd. and witnessed as described in the official record.
	T3N R3W S 2 S 1 S11 S12 1955
	Land, rolling. Soil, third rate gravel. Timber, none. Undergrowth, ocotillo, cat claw, thorn brush, cacti and grass.

General Description

A portion of this township which was surveyed is very rocky and broken with numerous washes, mostly draining east, is covered with dense desert like vegetation, with no timber and no permanent water. The only practical use of this particular part of this township is for very limited grazing in the early Spring after a good year of moisture.

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Donald A. Cannon	Instrumentman
Boyd S. Owens	Notekeeper
Landen A. Kittell	Chainman
James A. Jeppson	Cornerman
Vernon R. Griffin	Flagman
Richard N. Brand	Axeman

CERTIFICATE OF CADASTRAL ENGINEER

I, Donald E. Harding, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 24th day of February, 1958, I have surveyed a portion of the subdivision of T. 3 N., R. 3 W.

of the Gila & 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.

Salt Lake City, Utah
June 9, 1958

Donald E. Harding
Donald E. Harding
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., MAR 25 1959, 19

The foregoing field notes of the survey of a portion of the subdivision of T. 3 N., R. 3 W., Gila and Salt River Meridian, Arizona

executed by Donald E. Harding, Cadastral Surveyor
having been critically examined and found correct, are hereby approved.

Carl G. Harrington
Cadastral Engineering Staff Officer

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 3 N., R. 3 W., G&SRM, is a true copy of the original field notes.

Cadastral Engineering Staff Officer