

Form 4-679
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

SURVEY

of a

Portion of the Subdivisional Lines

of

Township 37 North, Range 4 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Boyd S. Owens, Cadastral Surveyor

Paul G. Bauer, Surveying Technician

Wallace R. Ott, Surveying Aid

Under special instructions dated June 20, 19 62, which provided for the surveys
included under Group Number 376, approved June 26, 1962,
and assignment instructions dated October 12, 19 62.

Survey commenced October 15, 19 62

Survey completed October 22, 19 62

1A

BOOK 4669

INDEX DIAGRAM

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FIELD NOTE PAPER

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CHAINS

Township 37 North, Range 4 West, Arizona

The south boundary, which is the Ninth Standard Parallel North, and the west boundary, which is the First Guide Meridian West, were surveyed in 1914 by J. C. Thoma. A portion of the south boundary was dependently resurveyed in 1954 by H. G. Parker. The east boundary was surveyed in 1933 by Kinsey and Good. The north boundary and part of the subdivisional lines were surveyed in 1954 by D. E. Harding.

The following notes are those of the survey of a portion of the subdivisional lines of Township 37 North, Range 4 West, Gila and Salt River Meridian, Arizona.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions, dated June 20, 1962.

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 and with a brass cap riveted to the top.

The geographic position of the southeast corner of the township is: Latitude, 36°33'23.06" North and Longitude, 112°39'54" West.

The magnetic declination was found to be 15° East.

Survey of a Portion of the Subdivisional Lines
Township 37 North, Range 4 West

From the cor. of secs. 19, 24, 25 and 30 on the E. bdy. of the township, monumented by an iron post as described in the official record.

West, bet. secs. 24 and 25.

Asc. along steep N. slope.

3.50 Spur, slopes sharply N. to bottom of Grama Canyon; desc. over steep broken NW. slope.

25.40 Wash, 60 lks. wide, 2 ft. deep, drains N. 15° E.; asc. over steep, broken E. slope.

40.00 Point for the ¼ sec. cor. of secs. 24 and 25.

Set the iron post on broken bedrock, mound with stones to top, cap mkd.

T37NR4W
¼ $\frac{S\ 24}{S\ 25}$
1962

50.70 W. rim of Grama Canyon, bears N. and S.; thence over gently rolling land on Sunshine Point.

CHAINS

70.00 Dim jeep road, bears N. 60° E. and S. 60° W.

80.00 Point for the sec. cor. of secs. 23, 24, 25 and 26.

Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

T37NR4W
 $\frac{S23}{S26} | \frac{S24}{S25}$
 1962

Land, steep broken on E. 51.00 chs., gently rolling on remainder.
 Soil, rocky and sandy loam.
 Timber, none; undergrowth, sage brush, cactus and weeds.

N. 0°01' W., bet. secs. 23 and 24.

Over gently rolling land.

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

Set the iron post on solid rock, mound with stones to top, cap mkd.

T37NR4W
 $\frac{1}{4}$
 $\frac{S23}{S24}$
 1962

50.10 Wash, 10 lks. wide, 1 ft. deep, drains N. 80° W.

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

Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.

T37NR4W
 $\frac{S14}{S23} | \frac{S13}{S24}$
 1962

Land, gently rolling.
 Soil, rocky, sandy loam.
 Timber, none; undergrowth, sage brush, cactus and brigham tea.

From the cor. of secs. 13, 18, 19 and 24 on the E. bdy. of the township, monumented by an iron post as described in the official record.

N. 89°59' W., bet. secs. 13 and 24.

By triangulation, topography as taken from U.S.G.S. topographic sheet; desc. over steep broken E. slope.

24.30 Wash in bottom of Grama Canyon, 4.00 chs. wide, 3 ft. banks, drains S.; asc. over E. slope.

30.60 End of triangulation.

39.96 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.

Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

T37NR4W
 $\frac{1}{4} \frac{S13}{S24}$
 1962

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CHAINS	
	Subdivision, T. 37 N., R. 4 W., Arizona
	Asc. over steep ledgy E. slope.
67.70	W. rim of Grama Canyon, bears N. 30° W. and S. 20° E.; thence over gently rolling land on Sunshine Point.
79.92	The cor. of secs. 13, 14, 23 and 24. Land, steep and broken on E. 67.70 chs., gently rolling on remainder. Soil, rocky and sandy loam. Timber, none; undergrowth, sage, cactus, brigham tea and weeds.
	From the cor. of secs. 23, 24, 25 and 26. West, bet. secs. 23 and 26. Over gently rolling land.
29.30	Wash, 40 lks. wide, 1 ft. deep, drains NE. circling to NW.
40.00	Point for the ¼ sec. cor. of secs. 23 and 26. Set the iron post 9 ins. in the ground, mound with stones to top, cap mkd. T37NR4W ¼ $\frac{S\ 23}{S\ 26}$ 1962
57.60	Wash, 10 lks. wide, 1 ft. deep, drains N.
80.00	Point for the cor. of secs. 22, 23, 26 and 27. Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd. T37NR4W S22 S23 S27 S26 1962
	Land, rolling. Soil, sandy and exposed sandstone. Timber, none; undergrowth, sage, cactus, brigham tea and weeds.
	N. 0°01' W., bet. secs. 22 and 23. Over gently rolling land.
23.70	Wash, 10 lks. wide, 1 ft. deep, drains N. 80° W.
40.00	Point for the ¼ sec. cor. of secs. 22 and 23. Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.

CHAINS	
	<p style="text-align: center;">T37NR4W $\frac{1}{2}$ S22 S23 1962</p>
40.50	Wash, 20 lks. wide, 1 ft. deep, drains irregularly NE. from W.; asc. over S. slope.
50.10	Top of ascent, bears NE. and W.; thence over gently rolling land.
53.50	Dim track road, bears NE. and SW.
80.00	Point for the cor. of secs. 14, 15, 22 and 23.
	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
	<p style="text-align: center;">T37NR4W S15 S14 S22 S23 1962</p>
	Land, rolling. Soil, rocky sandy loam. Timber, none; undergrowth, sage, cactus and brigham tea.
	From the cor. of secs. 13, 14, 23 and 24.
	West, bet. secs. 14 and 23.
	Over rolling land on Sunshine Point.
21.00	Wash, 30 lks. wide, 1 ft. deep, drains N. about 9.00 chs. thence NW.
24.20	Low spur, slopes N.
27.40	Wash, 20 lks. wide, 1 ft. deep, drains N. 10° E.
36.40	Spur, slopes irregularly NW.; desc. over W. slope.
40.03	Point for the $\frac{1}{2}$ sec. cor. of secs. 14 and 23.
	Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.
	<p style="text-align: center;">T37NR4W $\frac{1}{2}$ $\frac{S 14}{S 23}$ 1962</p>
	By triangulation, topography as taken from U.S.G.S. topographic sheet; desc. over W. slope.
51.00	Wash, drains N. 30° W.; asc. over NE. slope.
67.70	End of triangulation; thence over gently rolling land.
80.06	The cor. of secs. 14, 15, 22 and 23.
	Land, rolling and slightly broken. Soil, rocky, sandy loam. Timber, none; undergrowth, sage, cactus and brigham tea.
	From the cor. of secs. 17, 18, 19 and 20, monumented by an iron post as described in the official record.
	N. 0°03' W., bet. secs. 17 and 18.

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FIELD NOTE PAPER

CHAINS	
	Subdivision, T. 37 N., R. 4 W., Arizona
	Asc. over gentle S. slope through scattered timber.
3.50	Low spur, slopes W.; desc. gentle N. slope.
25.60	Small wash, drains NW.
27.20	Low spur, slopes NW.; thence over gently rolling land draining W.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 17 and 18. Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd. <div style="text-align: center;"> T37NR4W $\frac{1}{4}$ S18 S17 1962 </div>
	The cor. is located on gentle S. slope.
68.30	Wash, 15 lks. wide, 1 ft. deep, drains E. circling to NE.
80.00	Point for the cor. of secs. 7, 8, 17 and 18. Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd. <div style="text-align: center;"> T37NR4W S 7 S 8 S18 S17 1962 </div>
	from which <div style="text-align: center;"> A metal water tank bears S. $16^{\circ}10'$ W., 20.41 chs. dist. The NE. cor. of reservoir bears S. $16^{\circ}28'$ W., 22.11 chs. dist. </div>
	Land, rolling. Soil, sandy and exposed sandstone. Timber, scattered juniper. Undergrowth, black brush, cactus and brigham tea.
	From the true point for the sec. cor. of secs. 8, 9, 16 and 17, witnessed N. $0^{\circ}02'$ W., 40 lks. dist., monumented by an iron post as described in the official record.
	S. $89^{\circ}58'$ W, bet. secs. 8 and 17.
	Over gently rolling land through scattered junipers.
40.07	Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 17. Set the iron post 15 ins. in the ground, mound with stones to top, cap mkd. <div style="text-align: center;"> T37NR4W $\frac{1}{4}$ $\frac{S 8}{S17}$ 1962 </div>

CHAINS

60.70 Wash, 20 lks. wide, 2 ft. deep, drains N. from SW.

80.14 The cor. of secs. 7, 8, 17 and 18.

Land, gently rolling.
Soil, sandy and exposed sandstone.
Timber, scattered junipers.
Undergrowth, blackbrush, sage, cactus and brigham tea.

S. 89°59' W., bet. secs. 7 and 18.

Over gently rolling land through scattered timber.

8.30 Dirt road, bears N. and S.

20.10 Low spur, slopes N.; enter moderate timber bearing N. and S.

24.40 Small wash, drains N. 10° E.

28.30 Wash, 30 lks. wide, 1 ft. deep, drains N. 60° E.

40.00 Point for the 1/4 sec. cor. of secs. 7 and 18.

Set the iron post 2 ins. in the ground to bedrock, mound with stones to top, cap mkd.

T37NR4W
1/4 S 7
S18
1962

52.40 Wash, 10 lks. wide, 1 ft. deep, drains N.

61.10 Wash, 15 lks. wide, 1 ft. deep, drains N. 60° E.

74.30 Wash, 20 lks. wide, 1 ft. deep, drains N. 20° E. circling to N.

79.50 The cor. of secs. 7, 12, 13 and 18 on the W. bdy. of the township, monumented by an iron post as described in the official record.

Land, rolling.
Soil, rocky sandy loam.
Timber, scattered to moderate juniper and pinon.
Undergrowth, brush, cactus and brigham tea.

General Description

The land included in this survey, with the exception of a portion of section 24, is located on rolling Sunshine Point. The central and eastern portion of section 24 is cut by Grama Canyon and is extremely rough and broken. The soil is sandy and rocky with exposed sandstone outcrops.

Grazing of livestock is at present the primary interest as there is fair grass, brush and cactus throughout the area, with several stock ponds in the vicinity. Juniper trees and pinon vary from scattered in section 17 to moderate in section 18 with no timber on the remainder.

A fair road, by way of the Tom Lamb Reservoir, enters the township in section 6, extending southeasterly over Sunshine Point to Grama Canyon.

There was no mining activity or surface water noted within the surveyed area.

Form 4-680
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Alan R. Crockett	Note keeper
Harold Chemas	Front Chainman
Tom D. Carter	Flagman
Albert Emett	Cornerman
Jimmie V. Schmutz	Axeman
Gary Oviatt	Transitman
Daniel R. Bauer	Front Chainman
Robert Monasmith	Flagman
Gordon Black	Cornerman
George Chemas	Axeman

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CERTIFICATE OF SURVEY

We, Boyd S. Owens
Paul G. Bauer
Wallace R. Ott

, HEREBY CERTIFY upon honor that,

in pursuance of special instructions bearing date of the 20th day of June, 1962,

We have surveyed a portion of the subdivisional lines of Township 37 North, Range 4 West

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 us and under our 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.

April 17, 1963
(Date)

Boyd S. Owens
(Cadastral Surveyor)

April 17, 1963

Paul G. Bauer
Surveying Technician

April 17, 1963
(Date)

Wallace R. Ott
Surveying (Cadastral Surveyor) Aid

CERTIFICATE OF APPROVAL

Bureau of Land Management

The foregoing field notes of the survey of a portion of the subdivisional lines of Township 37 North, Range 4 West, of the Gila and Salt River Meridian, Arizona,

executed by Boyd S. Owens, Cadastral Surveyor
Paul G. Bauer, Surveying Technician
Wallace R. Ott, Surveying Aid

having been critically examined and found correct, are hereby approved.

Washington, D. C.

AUG 29 1963

(Date)

E. J. Livingston
(Chief, Division of Engineering)

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)