

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

SURVEY OF A PORTION OF THE SUBDIVISION

OF

TOWNSHIP 29 NORTH, RANGE 20 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Virgil E. Spratt, Cadastral Surveyor

Robert C. Yundt, Cadastral Surveyor

Under special instructions dated January 29, 1960, which provided
for the surveys included under Group No. 349, approved February 4, 1960
and assignment instructions dated March 10, 1960

Survey commenced March 31, 1960

Survey completed April 4, 1960

1A

BOOK 4608

INDEX DIAGRAM

Township 29 North, Range 20 West

6 8 7	5	4	3	2	1
7 6 6	8	9	10	11	12
18 5 5	17	16	15	14	13
19 4 3	20	21	22	23	24
30 2 2	29	28	27	26	25
31 1	32	33	34	35	36

Township 29 North, Range 20 West

Chains

The original survey of the south boundary of T. 29 N., R. 20 W. of the Gila and Salt River Meridian, or Seventh Standard Parallel North, was executed by Dupree R. Averill in 1930. The east, west and north boundaries were surveyed by Donald E. Harding in 1957.

The following field notes are those of a survey of the west range of sections of T. 29 N., R. 20 W.

The survey was executed with W. & L. E. Gurley solar transit No. 451332, the property of the U. S. Bureau of Land Management, constructed in accordance with their standard specifications. The instrument was in good condition and prior to the beginning of the field work it was tested and found free from error. It was maintained in good adjustment throughout the survey. The direction of the lines of the survey were determined by reference to true meridians established on line by altitude observations on the sun, or hour angle observations on Polaris. The lines were carried forward as transit lines and checked by succeeding observations. The measurements were made with Chicago steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers, and the slope distances properly reduced to horizontal equivalents for use in these notes.

The geographic position of the southeast corner of section 31 as follows; Latitude 35° 51' 03" N. and longitude 114° 27' 36" W. The mean magnetic declination was found to be 15° East.

Survey of a Portion of the Subdivision of T. 29 N., R. 20 W.

Beginning at the standard cor. of secs. 31 and 32, T. 29 N., R. 20 W. on the S. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Thence

N. 0° 03' W.; bet. secs. 31 and 32.

Over nearly level land, through medium dense undergrowth.

22.45 Shallow wash, drains W.

31.70 Shallow wash, drains W.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W

S31 | S32

1960

Raise a mound of stone W. of the iron post.

41.00 Wash, drains NW.

57.50 Wash, drains NW.

75.70 Wash, drains N. 70° W.

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

Survey of a Portion of the Subdivision of T. 29 N., R. 20 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W
S30|S29
S31|S32
1960

Raise a mound of stone W. of the iron post.

Land, nearly level desert.

Soil, gravelly clay loam.

Timber, none.

Undergrowth, sagebrush, greasewood, cactus, yucca, weeds and grass.

N. 89° 58' W., bet. secs. 30 and 31.

Over nearly level land, through medium dense undergrowth.

5.50 Wash, drains N. 80° W.

40.00 Point for the ¼ sec. cor. of secs. 30 and 31.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W
¼ S30
S31
1960

Deposit broken glass at the base of the post.

45.80 Wash, drains N. 60° W.

79.92 Intersect the cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., mkd. by an iron post, 2½ ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, nearly level desert.

Soil, gravelly to rocky clay loam.

Timber, none.

Undergrowth, sagebrush, greasewood, yucca, cactus, weeds and grass.

From the cor. of secs. 29, 30, 31 and 32.

Thence

N. 0° 03' W., bet. secs. 29 and 30.

Over rolling land, through medium dense undergrowth.

4.10 Wash, drains N. 60° W.

5.60 Wash, drains W.

34.70 Wash, drains W.

39.60 Wash, drains N. 70° W.

40.00 Point for the ¼ sec. cor. of secs. 29 and 30.

Survey of a Portion of the Subdivision of T29 N., R. 20 W.

Chains

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W

½
S30 | S29
1960

Deposit broken glass at the base of the iron post.

44.90 Unimproved road, bears NE. and SW.

51.90 Wash, drains N. 60° W.

60.90 Wash, drains N. 80° W.

66.20 Wash, drains N. 80° W.

76.00 Small wash, drains N. 60° W.

80.00 Point for the cor. of secs. 19, 20, 29 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W

S19 | S20
S30 | S29
1960

Raise a mound of stone W. of the iron post.

Land, rolling desert.

Soil, gravelly to rocky clay loam.

Timber, none.

Undergrowth, sagebrush, greasewood, cactus, weeds and grass.

N. 89° 55' W., bet. secs. 19 and 30.

Over rolling land, through medium dense undergrowth.

14.00 Wash, drains N. 60° W.

35.05 Wash, drains N. 70° W.

40.00 Point for the ¼ sec. cor. of secs. 19 and 30.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W

¼
S19
S30 | S29
1960

Raise a mound of stone N. of the iron post.

49.70 Wash, drains NW.

67.05 Wash, drains NW.

Survey of a Portion of the Subdivision of T29 N., R. 20 W.

Chains

79.86 Intersect the cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, rolling desert.
Soil, gravelly to rocky clay loam.
Timber, none.
Undergrowth, greasewood, yucca, weeds and grass.

From the cor. of secs. 19, 20, 29 and 30...

Thence

N. 0° 03' W., bet. secs. 19 and 20.

Over rolling land, through medium dense undergrowth.

10.20 Wash, drains N. 60° W.

19.50 Wash, drains NW.

29.70 Wash, drains NW.

40.00 Point for the 1/2 sec. cor. of secs. 19 and 20.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W

1/2

S19 | S20

1960

Raise a mound of stone W. of the iron post.

52.00 Wash, drains NW.; asc. along a SW. slope.

59.00 Spur, projects NW.; desc. along NE. slope.

67.60 Wash, 5 chs. wide, 4 ft. deep, drains NW.

80.00 Point for the cor. of secs. 17, 18, 19 and 20 on the top of a small spur projecting NW.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W

S18 | S17

S19 | S20

1960

Raise a mound of stone W. of the iron post.

Land, rolling desert.
Soil, rocky clay loam.
Timber, none.
Undergrowth, greasewood, yucca, weeds and grass.

Survey of a Portion of the Subdivision of T. 29 N., R. 20 W.

Chains	<p>N. 89° 54' W., bet. secs. 18 and 19.</p> <p>Over rolling land, through medium dense undergrowth; desc. along a SW. slope.</p> <p>4.50 Wash, drains NW.; cont. across flood plain draining NW.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 18 and 19.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R20W ¼ S18 S19 1960</p> <p>Raise a mound of stone N. of the iron post.</p> <p>47.70 Wash, drains NW.</p> <p>54.70 Wash, drains NW.</p> <p>61.40 Wash, drains NW.</p> <p>73.60 Wash, drains NW.</p> <p>79.78 Intersect the cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.</p> <p>Land, rolling desert. Soil, gravelly to rocky clay loam. Timber, none. Undergrowth, greasewood, yucca, weeds and grass.</p>
	<p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>Thence</p> <p>N. 0° 03' W., bet. secs. 17 and 18.</p> <p>Over rolling land, through medium dense undergrowth; desc. along NE. slope.</p> <p>6.20 Wash, drains N. 60° W.</p> <p>14.80 Unimproved road, bears NW. and SE.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 17 and 18,</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R20E ¼ S18 S17 1960</p> <p>Raise a mound of stone W. of the iron post.</p> <p>40.20 Small wash, drains NW.</p> <p>43.50 Low spur, projects NW.</p> <p>48.00 Small wash, drains NW.</p>

Survey of a Portion of the Subdivision of T. 29 N., R. 20 W.

Chains

- 53.50 Low spur, projects NW.
- 63.00 Shallow wash, drains NW.
- 75.80 Low spur, projects N. 20° W. and N. 80° W. from SE.
- 80.00 Point for the cor. of secs. 7, 8, 17 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W
 $\frac{S7}{S18} | \frac{S8}{S17}$
 1960

Raise a mound of stone W. of the iron post.

Land, rolling desert.

Soil, rocky clay loam.

Timber, none.

Undergrowth, greasewood, yucca, cactus, weeds and grass.

N. 89° 51' W., bet. secs. 7 and 18.

Over rolling land, through medium dense undergrowth; asc. along NE. slope.

- 2.10 Low spur, projects N. 30° W.; cont. along general N. slope.
- 15.20 Low spur, projects N. 80° W.; desc. along SW. slope.
- 24.20 Junction of washes from S, 80° E, and SE.; drains NW.
- 40.00 Point for the ¼ sec. cor. of secs. 7 and 18.

Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R20W
 $\frac{1}{4} \frac{S7}{S18}$
 1960

Raise a mound of stone N. of iron post.

48.00 Shallow wash, drains NW.

71.00 Shallow wash, drains NW.

79.67 Intersect the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, low rolling hills in the E.; rolling in the W.

Soil, gravelly to rocky clay loam.

Timber, none.

Undergrowth, greasewood, yucca, cactus, weeds and grass.

From the cor. of secs. 7, 8, 17 and 18.

Thence

N. 0° 03' W., bet. secs. 7 and 8.

Survey of a Portion of the Subdivision of T. 29 N., R. 20 W.

Chains	<p>Over rolling land, through medium dense undergrowth.</p>
17.60	Shallow wash, drains NW.
28.70	Shallow wash, drains N. 60° W.
40.00	<p>Point for the ¼ sec. cor. of secs. 7 and 8.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R20W $\frac{1}{4}$ S7 S8 1960</p> <p>Raise a mound of stone W. of the iron post.</p>
50.10	Shallow wash, drains NW,
66.50	Shallow wash, drains N. 30° W.
80.00	<p>Point for the cor. of secs. 5, 6, 7 and 8.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R20W S6 S5 S7 S8 1960</p> <p>Raise a mound of stone W. of the iron post.</p> <p>Land, low rolling hills. Soil, gravelly to rocky clay loam. Timber, none. Undergrowth, sagebrush, greasewood, yucca, cactus, weeds and grass.</p>
	<p>N. 89° 45' W., bet. secs. 6 and 7.</p> <p>Over rolling land, through medium dense undergrowth.</p>
2.70	Shallow wash, drains N. 30° W.
28.00	Shallow wash, drains N. 25° W.
40.00	<p>Point for the ¼ sec. cor. of secs. 6 and 7.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground to solid rock, in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T29N R20W $\frac{1}{4}$ S 6 S 7 1960</p> <p>Deposit broken glass at the base of the iron post.</p>
76.80	Junction of washes from SE. and S. 10° W.; drains N. 10° E.
79.56	Intersect the cor. of secs. 1, 6, 7 and 12 on the W. bdy. of the Tp. mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Survey of a Portion of the Subdivision of T. 29 N., R. 20 W.

Chains

Land, rolling desert.
Soil, gravelly clay loam.
Timber, none.
Undergrowth, sagebrush, greasewood, yucca, cactus, weeds and grass.

From the cor. of secs. 5, 6, 7 and 8.

Thence

N. 0° 09' W., bet. secs. 5 and 6.

Over rolling land, through medium dense undergrowth.

34.40 Shallow wash, drains N. 60° W.

39.00 Low spur, projects W. about 4 chs. to end.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, in a mound of stone, with brass cap mkd.

T29N R20W

$\frac{1}{4}$
S6 | S5
1960

Deposit broken glass at the base of the iron post.

41.20 Shallow wash, drains W.

48.00 Low spur, projects NW. about 20 chs. to end.

80.17 Intersect the cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp. mkd. by an iron post, 2 ins. diam., firmly set, properly mkd. and witnessed as described in the official record.

Land, rolling desert.

Soil, gravelly clay loam.

Timber, none.

Undergrowth, sagebrush, greasewood, yucca, weeds and grass.

GENERAL DESCRIPTION

The land covered by the present survey consists of a broad flood plain on the east side of Detrital Wash. The general slope of the land is to the northwest.

The soil is a gravelly to rocky clay loam, with many surface boulders. There are a few widely scattered juniper trees. The undergrowth is a medium dense growth of sagebrush, greasewood, with scattered clumps of yucca and other cactus. There is a coarse growth of weeds and grass. The land is very arid; there is no living water in the township. It is suitable only for grazing and at the present time shows the effects of being badly over grazed.

The only roads encountered were those developed by stockmen and prospectors and are merely tracks in the sand. There are no inhabitants in the area.

