

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

of the

Survey of the North and West Boundaries

and a

Portion of the South and East Boundaries

and a

Portion of the Subdivision

of

Township 27 North, Range 21 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald E. Harding, Cartographer

Under special instructions dated January 28, 1955, which provided
for the surveys included under Group No. 304, approved January 28, 1955
and assignment instructions dated September 19, 1955

Survey commenced September 22, 1955

Survey completed October 17, 1955

4529

1A
58

BOOK 4529

INDEX DIAGRAM

Township 27 North, Range 21 West

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T. 27 N., R. 21 W.

Chains

The east four miles of the south boundary, the south five miles of the east boundary, and a portion of the subdivision was surveyed by Bardsley and Durnford in 1915 as represented on the plat approved March 17, 1919.

This survey was requested by the Arizona State Land Department, Phoenix, Arizona, and will also benefit the Division of Range and Forestry, Bureau of Land Management.

The survey was executed with a light mountain solar transit made by Buff and Buff, Serial No. 16724, and a W. and L. E. Gurley solar transit, Serial No. 541332, constructed in accordance with standard instrumental specifications of the Bureau of Land Management. Horizontal circle is $4\frac{1}{2}$ inches in diameter with two double opposite verniers reading to single minutes. Vertical circle is 4 inches in diameter with one double vernier reading to single minutes. The instrument is equipped with an improved telescopic solar attachment, radii of latitude arc 3 inches and of declination arc $3\frac{1}{2}$ inches with vernier reading to single minutes. The instruments were in good condition and were placed in proper adjustment prior to the beginning of the survey.

The direction of all lines was determined by the direct solar method, solar method, and from Coast and Geodetic Triangulation Station, "POPE", and the measurements made by a Lufkin steel tape, 5 chains in length, graduated one-tenth link for the first 10 links, every link for the next 90 links, and every 10 links for the balance. The tape was tested by comparison with a standard tape and found correct. Measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment. The horizontal equivalents only are entered in this field note record.

The position of the southeast corner of the township is latitude $35^{\circ}40'31''$ N., and longitude $114^{\circ}28'52''$ W. The mean magnetic declination is 17° E., as shown on the official plat of the survey of a portion of T. 27 N., R. 21 W., approved March 17, 1919.

Survey of the East Boundary, T. 27 N., R. 21 W.

From the corner of secs. 1, 6, 7, and 12, Ts. 27 N., Rs. 20 and 21 W., which is monumented with an iron post, set, marked, and witnessed as described in the official record.

North, between secs. 1 and 6.

Over gentle W. slope, through scattered undergrowth.

40.00

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

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked

 $\frac{1}{4}$

S1 | S6

1955

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

42.80

Road, bladed, bears NW. and SE.

76.20

Road, bladed, bears E. and W.

East Boundary, T. 27 N., R. 21 W.

Chains

80.00

Point for the cor. of Ts. 27 and 28 N., Rs. 20 and 21 W.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap marked

T28N

R21W | R20W

S36 | S31

S1 | S6

T27N

1955

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

Land, nearly level.

Soil, sand and gravelly clay.

Vegetation, scattered Joshua trees, greasewood, sagebrush, cacti, and grass.

South Boundary, T. 27 N., R. 21 West

From the cor. of secs. 4, 5, 32, and 33, on the south boundary of the township, which is monumented with an iron post, set, marked, and witnessed as described in the official record.

S. 89° 58' W., between secs. 5 and 32.

Over high rolling ridges, through scattered undergrowth.

Asc. 140 ft. over E. slope.

7.70

Ridge, bears N. and S. Divide between Colorado River and Detrital Wash; desc. 320 ft. over WNW slope.

25.90

Wash, 10 lks. wide, 2 ft. deep, course N. 50° W.; asc. 50 ft. over NE slope.

38.00

Spur, slopes NNW; desc. 70 ft. over NW slope.

-40.00

Point for the 1/4 sec. cor. of secs. 5 and 32.

Set an iron post, 36 ins. long, 1 in. diam., over X cut in solid rock, and in a mound of stone to top, with brass cap marked

S 32 / S 6

1955

Desc. 180 ft. over broken NW slope.

51.70

Wash, 10 lks. wide, 1 ft. deep, course N. 70° W.; desc. 80 ft. over N. slope.

62.40

Spur, slopes N. 80° W.; desc. 130 ft. over S. slope.

71.40

Wash, 10 lks. wide, 1 ft. deep, course N. 80° W.; desc. 80 ft. over N. slope.

80.00

Point for the cor. of secs. 5, 6, 31, and 32.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, and in a mound of stone to top, with brass cap marked

South Boundary, T. 27 N., R. 21 W.

Chains

T27NR21W
 S31 | S32
 S6 | S5
 T26N
 1955

Land, mountainous.
 Soil, rocky clay.
 Vegetation, scattered greasewood, sagebrush, cacti, and grass.

S. 89° 58' W., between secs. 6 and 31.

Desc. 190 ft. over broken W. slope, through scattered undergrowth.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, and in a mound of stone to top, with brass cap marked

$\frac{1}{4}$ S 31
 S 6
 1955

Desc. 100 ft. over broken W. slope.

58.00 Wash, 20 lks. wide, 2 ft. deep, course S. 85° W.; desc. 90 ft. over broken W. slope.

68.20 Wash, 30 lks. wide, 1 ft. deep, course N. 75° W.

74.50 Spur, slopes N.; desc. 20 ft. over W. slope.

78.83 Point for the cor. of Ts. 26 and 27 N., Rs. 21 and 22 W.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, and in a mound of stone to top, with brass cap marked

T27N
 R22W | R21W
 S36 | S31
 S1 | S6
 T26N
 1955

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

Land, mountainous.
 Soil, rocky clay.
 Vegetation, scattered greasewood, sagebrush, cacti, and grass.

West Boundary, T. 27 N., R. 21 West

North, between secs. 31 and 36.

Over rolling land, through scattered undergrowth.

10.20 Wash, 20 lks. wide, 2 ft. deep, course N. 70° W.

22.30 Ridge, low, bears E. and W.

28.90 Small wash, course W.

West Boundary, T. 27 N., R. 21 W.

Chains	Wash, 20 lks. wide, 1 ft. deep, course W.								
35.10									
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36.								
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap marked								
	S 36 S 31								
	1955								
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.								
47.00	Spur, low, slopes W.								
55.80	Wash, 20 lks. wide, 1 ft. deep, course W.								
62.90	Small wash, course S, 75° W.								
75.30	Road, bladed, bears ENE. and WSW.								
80.00	Point for the cor. of secs. 25, 30, 31, and 36.								
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked								
	<table border="1"> <tr><td>T27N</td><td></td></tr> <tr><td>R22W</td><td>R21W</td></tr> <tr><td>S25</td><td>S30</td></tr> <tr><td>S36</td><td>S31</td></tr> </table>	T27N		R22W	R21W	S25	S30	S36	S31
T27N									
R22W	R21W								
S25	S30								
S36	S31								
	1955								
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.								
	Land, rolling.								
	Soil, rocky clay.								
	Vegetation, scattered greasewood, sagebrush, cacti, and grass.								
	North, between secs. 25 and 30.								
	Over rolling ridges, through scattered undergrowth.								
8.50	Wash, 10 lks. wide, 1 ft. deep, course S. 15° W.								
25.70	Wash, 15 lks. wide, 2 ft. deep, course S. 75° W.; asc. 60 ft. over S. slope.								
32.50	Ridge, low, bears E. and W.; desc. 50 ft. over N. slope.								
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 30.								
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked								
	S 25 S 30								
	1955								
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.								
45.00	Wash, 20 lks. wide, 1 ft. deep, course SW.; asc. 120 ft. over SSE. slope.								

West Boundary, T. 27 N., R. 21 W.

Chains

- 53.00 Spur, slopes E.; desc. 30 ft. over NE. slope.
- 56.70 Small wash, course E.; asc. 70 ft. over SE. slope.
- 68.00 Spur, slopes E.; desc. 40 ft. over ENE. slope.
- 80.00 Point for the cor. of secs. 19, 24, 25, and 30.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked

T27N
R22W | R21W
S24 | S19
S25 | S30
1955

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil, rocky clay.

Vegetation, scattered greasewood, sagebrush, cacti, and grass.

North, between secs. 19 and 24.

Over mountainous land, through scattered undergrowth.

Asc. 60 ft. over E. slope.

- 7.00 Spur, slopes N. 85° E.; desc. 40 ft. over NE. slope.
- 9.30 Hillside drain NE.
- 16.70 Wash, 30 lks. wide, 3 ft. deep, course SSE.; asc. 250 ft. over broken SW. slope.
- 29.30 High rocky knoll on spur, slopes SW.; desc. 100 ft. over broken NW. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24.
- Set an iron post, 36 ins. long, 1 in. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap marked
- $\frac{1}{4}$
- S 24 | S 19
- 1955
- Over broken W. slope.
- 40.90 Small wash, course W.
- 43.00 Small wash, course W.
- 46.50 Spur, low, slopes W.
- 50.60 Wash, 30 lks. wide, 2 feet deep, course W. asc. 140 ft. over SE. slope.
- 80.00 Point for the cor. of secs. 13, 18, 19, and 24.

West Boundary, T. 27 N., R. 21 W.

Chains

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap marked

T27N	
R22W	R21W
S13	S18
S24	S19
1955	

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of corner.

Land, mountainous.

Soil, rocky clay.

Vegetation, scattered greasewood, sagebrush, cacti, and grass.

North, between sec. 13 and 18.

Asc. 330 ft. over broken SE. slope.

36.60

Ridge, bears ENE. and SW.; desc. 60 ft. over N. slope.

40.00

Point for the 1/4 sec. cor. of secs. 13, and 18.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, and in a mound of stone, with brass cap marked

1/4	
S 13	S 18
1955	

Desc. 140 ft. over broken N. slope.

53.80

Wash, 30 lks. wide, 3 ft. deep, course W., in bottom of El Dorado Canyon, with road in bottom of wash; asc. 148 ft. over broken S. slope.

76.00

Spur, slopes SSW.; thence over broken W. slope.

80.00

Point for the cor. of secs. 7, 12, 13, and 18.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with brass cap marked

T27N	
R22W	R21W
S12	S7
S13	S18
1955	

Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

From above cor. point, U. S. L. M. No. 2695 bears N. 48° 03' E., 7.05 chs. dist.

Land, mountainous.

Soil, rocky clay.

Vegetation, scattered greasewood, sagebrush, cacti, and grass.

North, between secs. 7 and 12.

West Boundary, T. 27 N., R. 21 W.

Chains

Asc. 120 ft. over broken W. slope.

9.80 Spur, slopes W. from main ridge, 10 chs. E., which bears N. and S.;
Asc. 70 ft. over broken W. slope.28.70 Top, with spur W. and main ridge bears NE. and SSE.; desc. 200 ft.
over broken N. slope.

39.60 Road, track, bears E. and W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 12.Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the
ground, and in a mound of stone, with brass cap marked $\frac{1}{4}$

S 12 | S 7

1955

Desc. 30 ft. over N. slope.

41.70 Wash, 20 lks. wide, 3 ft. deep, course WSW., which heads 10 chs.
E. of line; asc. 180 ft. over SW. slope.

54.70 Ridge, bears NNW. and SSE.; desc. 60 ft. over E. slope.

65.00 Same ridge, bears NNE. and SSW.; desc. 80 ft. over W. slope.

73.60 Small wash, course W., which heads 4 chs. E.; asc. 50 ft. over
SW. slope.

80.00 Point for the cor. of secs. 1, 6, 7, and 12.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the
ground, and with brass cap marked

T27N

R22W | R21W

S1 | S6

S12 | S7

1955

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky clay.

Vegetation, scattered greasewood, sagebrush, cacti, and grass.

North, between secs. 1 and 6.

Asc. 60 ft. over SW. slope, through scattered undergrowth.

6.00 Same ridge, bears NW. and SSE.; desc. 290 ft. over broken NE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 6.Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the
ground, with brass cap marked

West Boundary, T. 27 N., R. 21 W.

Chains

$\frac{1}{4}$

S. 1 | S 6

1955

Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

Over broken NE. slope.

58.90 Wash, 40 lks. wide, 2 ft. deep, course NNE.

80.00 Point for the cor. of Ts. 27 and 28 N., Rs. 21 and 22 W.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap marked

T28N
R22W | R21W
S36 | S31
S1 | S6

T27N
1955

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

Land, mountainous.

Soil, rocky clay.

Vegetation, scattered greasewood, sagebrush, cacti, and grass.

North Boundary, T. 27 N., R. 21 W.

From the cor. of Ts. 27 and 28 N., Rs. 20 and 21 W., which is monumented with an iron post, heretofore described.

S. 89° 56' W., between secs. 1 and 36.

Over gentle W. slope, through scattered undergrowth.

13.70 Road, bladed, bears N. 20° E. and S. 20° W.

14.40 Road, bladed, bears N. and S. 1 ch. to T junction with road bearing E. and W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked

$\frac{1}{4}$ S 36
S 1

1955

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

69.00 Wash, 10 lks. wide, 2 ft. deep, course NNW.

79.00 Detrital Wash, 2 chs. wide, 4 ft. deep, course N. 10° W.

80.00 Point for the cor. of secs. 1, 2, 35, and 36 falls in edge of Detrital Wash, which is unsafe to monument.

Land, nearly level.

Soil, sandy loam.

Vegetation, scattered greasewood, mesquite, cacti, and grass.

North Boundary, T. 27 N., R. 21 W.

Chains

S. 89° 56' W., between secs. 2 and 35.

Over gentle E. slope, through scattered undergrowth.

1.00 Point selected for the witness corner of secs. 1, 2, 35, and 36.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked.

T28NR21W	
S35	S36 W
S2	S1 C
T27N	
1955	

Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

10.00 Small wash, course NE.

17.00 Small wash, course NE.

33.20 Small wash, course NE.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 35.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked.

$\frac{1}{4}$	S 35
	S 2
1955	

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

60.00 Small wash, course NE.

69.50 Wash, 10 lks. wide, 2 ft. deep, course N. 20° E.

80.00 Point for the cor. of secs. 2, 3, 34, and 35.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked.

T28NR21W	
S34	S35
S3	S2
T27N	
1955	

Raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

From above cor. point, U.S.C.&G.S. Triangulation Station "POPE" bears S. 5° 04' W., 63.13 chs. dist. The geographic position of station POPE is latitude 35° 45' 10.591" N. and longitude 114° 30' 18.879" W.

Land, nearly level.

Soil, sandy loam.

Vegetation, scattered greasewood, cacti, and grass.

S. 89° 56' W., between secs. 3 and 34.

Over gentle E. slope, through scattered undergrowth.

19.20 Highway right-of-way fence bears N. 23° 45' W. and S. 23° 45' E.

20.90 U. S. Highway Nos. 93 and 466, bear N. 23° 45' W. and S. 23° 45' E.

North Boundary, T. 27 N., R. 21 W.

Chains											
24.10	Highway right-of-way fence, bears N. 23° 45' W. and S. 23° 45' E.										
25.20	Transmission line, bears N. 23° 45' W. and S. 23° 45' E.; asc. 175 ft. over E. slope.										
38.00	Spur, slopes NE.; desc. 30 ft. over N. slope.										
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34.										
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked										
	$\frac{1}{4} \frac{S\ 34}{S\ 3}$										
	1955										
	Raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.										
	Desc. 100 ft. over NW. slope.										
65.20	Wash, 15 lks. wide, 1 ft. deep, course N. 70° W.; asc. 40 ft. over E. slope.										
80.00	Point for the cor. of secs. 3, 4, 33, and 34.										
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked										
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T28NR21W</td></tr> <tr><td style="text-align: center;">S33</td><td style="text-align: center;">S34</td></tr> <tr><td style="text-align: center;">S4</td><td style="text-align: center;">S3</td></tr> <tr><td colspan="2" style="text-align: center;">T27N</td></tr> <tr><td colspan="2" style="text-align: center;">1955</td></tr> </table>	T28NR21W		S33	S34	S4	S3	T27N		1955	
T28NR21W											
S33	S34										
S4	S3										
T27N											
1955											
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.										
	Land, rolling.										
	Soil, rocky clay.										
	Vegetation, scattered greasewood, cacti, and grass.										
40.00	S. 89° 56' W., between secs. 4 and 33.										
	Asc. 155 ft. over broken NE. slope.										
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 33.										
	Set an iron post, 28 ins. long; $2\frac{1}{2}$ ins. diam., 4 ins. in the ground, and in a mound of stone to top, with brass cap marked										
	$\frac{1}{4} \frac{S\ 33}{S\ 4}$										
	1955										
41.30	Spur, slopes NE.; desc. 40 ft. over NW. slope.										
45.90	Wash, 10 lks. wide, 1 ft. deep, course NE.; asc. 75 ft. over SE. slope.										
53.80	Spur, slopes NE.; desc. 55 ft. over NW. slope.										
58.00	Wash, 10 lks. wide, 1 ft. deep, course NE.; asc. 40 ft. over SE. slope.										

North Boundary, T. 27 N., R. 21 W.

Chains

80.00

Point for the cor. of secs. 4, 5, 32, and 33.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap marked.

T28NR21W

S32 | S33

S5 | S4

T27N

1955

Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.

Soil; rocky clay.

Vegetation, scattered greasewood, cacti, and grass.

S. 89° 56' W., between secs. 5 and 32.

Asc. 75 ft. over SE. slope.

12.10

Spur, low, slopes SE.; desc. 20 ft. over SW. slope.

14.80

Wash, 10 lks. wide, 2 ft. deep, course ESE.; asc. 80 ft. over NE. slope.

27.10

Ridge, bears N. and SSE.; over gentle W. slope.

40.00

Point for the 1/4 sec. cor. of secs. 5 and 32.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap marked.

1/4 S 32
S 5

1956

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

50.60

Wash, 20 lks. wide, 2 ft. deep, course NNW.; asc. 40 ft. over E. slope.

80.00

Point for the cor. of secs. 5, 6, 31, and 32.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, with brass cap marked.

T28NR21W

S31 | S32

S6 | S5

T27N

1956

Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor.

Land, rolling.

Soil; rocky clay.

Vegetation, scattered greasewood, cacti, and grass.

70

North Boundary, T. 27 N., R. 21 W.

Chains	S. 89° 56' W., Between secs. 6 and 31. Over rolling land, through scattered undergrowth.
32.60	Wash, 20 lks. wide, 2 ft. deep, course NNE.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 31. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked
	$\frac{1}{4} \begin{array}{c} S 31 \\ S 6 \end{array}$ 1955
	Raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.
44.00	Wash, 10 lks. wide, 1 ft. deep, course N.
49.00	Wash, 15 lks. wide, 2 ft. deep, course NNE.
60.60	Road, bladed, bears SSE. and NNW.
61.00	Wash, 15 lks. wide, 1 ft. deep, course N.
72.00	Wash, 15 lks. wide, 2 feet deep, course NNE.
78.61	The cor. of Ts. 27 and 28 N., Rs. 21 and 22 W. Land, rolling. Soil, rocky clay. Vegetation, scattered greasewood, caoti, and grass.

Subdivision, T. 27 N., R. 21 W.

	From the cor. of secs. 4, 5, 32, and 33, on the south boundary of the township, which is monumented with an iron post, set, marked, and witnessed as described in the official record.
	N. 0° 02' W., between secs. 32 and 33.
	Asc. 140 ft. over ESE. slope, through scattered undergrowth.
18.10	Spur, slopes NNE.; desc. 90 ft. over broken NE. slope.
38.80	Small wash, course N. 70° E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked
	$\frac{1}{4}$ $S 32 \quad \quad S 33$ 1955
	Raise a mound of stone, 2 ft. base, 2 ft. high, W. of cor. Desc. 40 ft. over N. slope.
41.20	Wash, 10 lks. wide, 1 ft. deep, course N. 50° E.; asc. 70 ft. over S. slope.
45.00	Spur, slopes E.; desc. 40 ft. over broken E. slope.

Subdivision, T. 27 N., R. 21 W.

Chains

64.60 Wash, 10 lks. wide, 1 ft. deep, course S. 60° E.; asc. 165 ft. over S. slope.

75.20 Ridge, bears NE. and SW.; divide between Detrital Wash and the Colorado River; desc. 150 ft. over N. slope.

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

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., over X cut in solid rock, and in a mound of stone to top, with brass cap marked

T27NR21W

S29 | S28

S32 | S33

1955

Land, mountainous.

Soil, rocky clay.

Vegetation, scattered greasewood, sagebrush, cacti, and grass.

From the cor. of secs. 5, 6, 31, and 32, on the south boundary of the township.

N. 0° 03' W., between secs. 31 and 32.

Over rolling foot hills, through scattered undergrowth.

1.50 Wash, 20 lks. wide, .2 ft. deep, course W.

18.20 Wash, 10 lks. wide, 2 ft. deep, course W.

21.80 Small wash, course W.

37.20 Wash, 30 lks. wide, 10 ft. deep, course W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 31 and 32.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, and in a mound of stone to top, with brass cap marked

$\frac{1}{4}$

S 31 | S 32

1955

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

44.10 Wash, 20 lks. wide, 3 ft. deep, course W.

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

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked

T27NR21W

S30 | S29

S31 | S32

1955

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high, W. of cor.

Subdivision, T. 27 N., R. 21 W.

Chains	
	<p>Land, rolling. Soil, rocky clay. Vegetation, scattered greasewood, sagebrush, cacti, and grass.</p>
	<p>From the cor. of secs. 28, 29, 32, and 33. S. 89° 55' W., between secs. 29 and 32. Desc. 270 ft. over broken N. slope.</p>
28.40	Wash, 20 lks. wide, 2 ft. deep, course N. 15° W.; asc. 20 ft. over N. slope.
31.50	Spur, slopes N.; desc. 100 ft. over broken N. slope.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32. Set an iron post, 36 ins. long, 1 in. diam., 24 ins. in the ground, with brass cap marked $\frac{1}{4} \frac{S 29}{S 32}$ 1955
	<p>Raise a mound of stone, 2$\frac{1}{2}$ ft. base, 2 ft. high, N. of cor. Desc. 185 ft. over broken N. slope.</p>
70.50	Spur, slopes N. 80° W.; desc. 60 ft. over SW. slope.
80.02	The cor. of secs. 29, 30, 31, and 32. Land, mountainous. Soil, rocky clay. Vegetation, scattered sagebrush, greasewood, cacti, and grass.
	<p>N. 89° 58' W., between secs. 30 and 31. Desc. 165 ft. over broken W. slope, through scattered undergrowth.</p>
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 30 and 31. Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap marked $\frac{1}{4} \frac{S 30}{S 31}$ 1955
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p>
51.50	Road, bladed, bears N. 80° E. and SW.; desc. 150 ft. over broken WSW. slope.
78.84	The cor. of secs. 25, 30, 31, and 36, on the west boundary of the township. Land, rolling. Soil, rocky clay. Vegetation, scattered greasewood, sagebrush, cacti, and grass.

T. 27 N., R. 21 W.

Chains

U. S. Highway Nos. 93 and 466 bisect the NE. portion of the township. The divide between Detrital Wash and the Colorado River bisects the township from the corner of secs. 32 and 33 diagonally to the corner of secs. 6 and 7. The SW. portion of the township is high and rough, the NE. portion is a gentle general NE. slope toward Detrital Wash. There is limited mining activity within the township and fair grazing. There are numerous tract roads throughout the township. There is no permanent water and no one living within the boundary of the township.

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BOOK 4529

CERTIFICATE OF CADASTRAL ENGINEER

I, Donald E. Harding, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 28 day of January, 1955 I have surveyed the north and west boundaries, and a portion of the south and east boundaries, and a portion of the subdivision of T. 27 N., R. 21 W.

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.

Salt Lake City, Utah

July 5, 1956

Donald E. Harding
Donald E. Harding
Cartographer

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., JAN 14 1957, 1957

The foregoing field notes of the survey of the north and west boundaries, and a portion of the south and east boundaries, and a portion of the subdivision of T. 27 N., R. 21 W., G. & S. R. M., Arizona.

executed by Donald E. Harding

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 _____, is a true copy of the original field notes.

Carl G. Harrington
Cadastral Engineering Staff Officer.