

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1

Original

FIELD NOTES

of

The Survey of

a Portion of the Subdivision of

Township 3 North, Range 20 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald E. Harding

Fred R. Chappell

Under special instructions dated November 27, 1950, which provided
for the surveys included under Group No. 273, approved Jan. 16, 1951
and assignment instructions dated Jan. 25, 1954

Survey commenced Mar. 12, 1954

Survey completed Mar. 26, 1954

4454

4454

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BOOK 4454

INDEX DIAGRAM

Township 3 N., Range 20 W.

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

Lines surveyed by Donald E. Harding _____
 Lines surveyed by Fred R. Chappell _____

Partial Subdivision of T. 3 N., R. 20 W.

Chains

The south boundary of T. 3 N., R. 20 W. was surveyed by Ty White in 1952.

The east boundary was surveyed by Abbey and Gill in 1915. Provisions were made for the survey of the north boundary under Group 254, Arizona.

The notes of the west boundary are contained in the notes of the T. 3 N., R. 21 W.

The survey was executed at the request of Mr. O. C. Williams, Arizona State Land Commissioner.

The survey was executed with a light mountain solar transit made by Buff and Buff, Serial No. 16724, 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 are 3 inches and of declination are $3\frac{1}{2}$ inches with vernier reading to single minutes. Instrument was in good condition and was placed in proper adjustment prior to the beginning of the survey.

The direction of all lines was determined by the direct solar method and the measurements made by a Lufkin steel tape, 5 chains in length, graduated every 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 camp meridian, for testing the transit, was established from the azimuth of a C. & G. S. triangulation station.

The transit was checked from time to time on the meridian and the azimuth of the lines was checked by direct solar method as the survey progressed. The latitude of the SE. cor. of the township is $33^{\circ}32'59''N.$; longitude is $114^{\circ}16'08''W.$ Magnetic declination is $14\frac{1}{2}^{\circ}E.$

Beginning the partial subdivisional survey of T. 3 N., R. 20 W., at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the T.

N. $0^{\circ}01'W.$, bet. secs. 35 and 36.

Over rocky land with scattered brush.

10.55 Wash, 8 lks. wide, 2 ft. deep, course E.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S 35 | S 36

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

46.30 Wash, 21 lks. wide, 2 ft. deep, course E.

77.60 Wash, 27 lks. wide, 3 ft. deep, course E.

79.60 Road, bears E. and W.

80.00 Point for the cor. of secs. 25, 26, 35, and 36.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

T 3 N. R 20 W	
S 26	S 25
S 35	S 36

1954

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Land, gravel benches and rocky.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the T., set and marked as described in the official record.

S. 89° 53' W., bet. secs. 25 and 36.

Over gravel flats.

30.00 Road, graveled, graded, bears WSW. and ENE.

40.00 Point for the ¼ sec. cor. of secs. 25 and 36.

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

¼	S 25
	S 36

1954

Raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.

44.20 Wash, 10 lks. wide, 2 ft. deep, course SE.

48.20 Graveled road, bears N. and S.

80.00 The cor. of secs. 25, 26, 35, and 36.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

N. 0° 01' W., bet. secs. 25 and 26.

Over gravel flats.

8.80 Wash, 7 lks. wide, 2 ft. deep, course E.

14.10 Wash, 30 lks. wide, 2 ft. deep, course E.

21.40 Wash, 40 lks. wide, 2 ft. deep, course E.

27.70 Wash, 15 lks. wide, 3 ft. deep, course E.

40.00 Point for the ¼ sec. cor. of secs. 25 and 26.

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

¼	S 26	S 25
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1954

Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

BOOK 4454

Partial Subdivision of T. 3 N., R. 20 W.

Chains

58.70 Road, bears E. and W.
 70.30 Wash, 15 lks. wide, 1 ft. deep, course E.
 73.10 Wash, 30 lks. wide, 4 ft. deep, course E.
 80.00 Point for the cor. of secs. 23, 24, 25, and 26.
 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W

S 23 | S 24

S 26 | S 25

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the T., set and marked as described in the official record.

S. $89^{\circ} 53'$ W., bet. secs. 24 and 25.

Over gravel flats.

17.00 Road, bears NNE. and SSE.

39.94 Point for the $\frac{1}{4}$ sec. cor. of secs. 24 and 25.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

S 24

 $\frac{1}{4}$ S 25

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

63.90 Wash, 10 lks. wide, 2 ft. deep, course ESE.

78.00 Road, bears NNE. and SSE.

79.88 The cor. of secs. 23, 24, 25, and 26.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

N. $0^{\circ} 01'$ W., bet. secs. 23 and 24.

Over gravel flats, through scattered trees and brush.

3.50 Road, bears WNW. and ESE.

35.67 Wash, 12 lks. wide, 3 ft. deep, course E.

36.67 Wash, 15 lks. wide, 3 ft. deep, course E.

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

Partial Subdivision of T. 3 N., R. 20 W.

Chains

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S 23 | S 24

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

50.00 Enter a series of washes, courses E.

53.40 Main channel of washes, 21 lks. wide, 3 ft. deep, course E.

60.00 Leave series of washes.

69.10 Wash, 30 lks. wide, 3 ft. deep, course ENE.

73.00 Wash, 27 lks. wide, 3 ft. deep, course ESE.

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., 16 ins. in the ground and in a mound of stone to the top, with brass cap mkd.

T 3 N R 20 W.

S 14 | S 13

S 23 | S 24

1954.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the T., set and marked as described in the official record.

N. $89^{\circ} 56'$ W., bet. secs. 13 and 24.

Over rocky land with scattered brush.

5.10 Road, bears NE. and SW.

8.20 Wash, 20 lks. wide, 2 ft. deep, course ENE.

23.10 Road, bears N. and S.

37.50 Road, bears WNW. and ESE.

39.91 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., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ S 13

S 24

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

42.90 Road, graveled, bears NW. and SE.

57.20 Road, bears ESE. and WNW.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

- 77.40 Road, graveled and graded, bears ESE. and WNW.
- 79.82 The cor. of secs. 13, 14, 23, and 24.
Land, gravel flats.
Soil, gravel.
Timber, none; underbrush, greasewood and cacti.
-
- N. 0° 01' W., bet. secs. 13 and 14.
Over gravel flats, through scattered brush.
- .90 Road, bears E. and W.
- 4.50 Road, bears E. and W.
- 5.05 Road, bears SW. and NE.
- 7.90 Wash, 3 ft. deep, 24 lks. wide, course ESE.
- 15.00 Enter overflow area.
- 19.80 Road, bears WNW, and ESE.
- 22.90 Main channel of wash, 30 lks. wide, 3 ft. deep, course E.
- 27.70 Road, bears E. and W., leave overflow area.
- 37.20 Road, bears NE. and SW.
- 40.00 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., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S 14 | S 13
1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

44.00 Wash, 15 lks. wide, 1 ft. deep, course E.

47.90 Wash, 15 lks. wide, 2 ft. deep, course E.

53.40 Road, bears WSW. and ENE.

57.30 Gravel graded road, bears E. and W.

61.70 Wash, 30 lks. wide, 4 ft. deep, course E.

62.80 Wash, 15 lks. wide, 2 ft. deep, course ENE.

70.00 Road, bears E. and W.

76.30 Road, bears SW. and NE.

80.00 Point for the sec. cor. of secs. 11, 12, 13, and 14.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W
S 11 | S 12
S 14 | S 13

1954

Raise a mound of stone, 3 ft. high, $2\frac{1}{2}$ ft. base, W. of cor.

BOOK 4454

Partial Subdivision of T. 3 N., R. 20 W.

Chains	
	<p>Land, gravel flats. Soil, gravel. Timber, none; underbrush, greasewood and cacti.</p>
	<p>From the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the T., set and marked as described in the official record.</p> <p>S. 89° 57' W., bet. secs. 12 and 13.</p> <p>Over gravel flats, through scattered brush:</p>
2.80	Wash, 40 lks. wide, 2 ft. deep, course ENE.
6.30	Wash, 30 lks. wide, 2 ft. deep, course ENE.
12.60	Road, bears NE. and SW.
21.60	Wash, 15 lks. wide, 2 ft. deep, course NE.
31.00	Wash, 15 lks. wide, 1 ft. deep, course NNE.
39.89	Point for the $\frac{1}{4}$ sec. cor. of secs. 12 and 13.
	<p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4}$ $\frac{S\ 12}{S\ 13}$ 1954 </p>
	<p>Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.</p>
59.80	Road, bears NE. and SW.
73.60	Road, graded graveled, bears NW. and SE.
79.78	The cor. of secs. 11, 12, 13, and 14.
	<p>Land, gravel flats. Soil, gravel. Timber, none; underbrush, greasewood and cacti.</p>
	<p>N. 0° 01' W., bet. secs. 11 and 12.</p> <p>Over gravel flats.</p>
11.40	Wash, 21 lks. wide, 1 ft. deep, course E.
16.80	Gravel graded road, bears WSW. and ENE.
21.20	Wash, 21 lks. wide, 2 ft. deep, course E.
23.50	Wash, 9 lks. wide, 1 ft. deep, course E.
33.70	S. bank of main channel, 6 ft. deep, course E.
38.60	N. bank of wash.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12.
	<p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4}$ S 11 S 12 1954 </p>

BOOK 4454

Partial Subdivision of T. 3 N., R. 20 W.

Chains

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

52.50 Wash, 6 lks. wide, 1 ft. deep, course ENE.

58.30 Wash, 24 lks. wide, 2 ft. deep, course E.

74.90 Road, bears E. and W.

79.60 El Paso gas line, bears WNW. and ESE. (Underground)

80.00 Point for the cor. of secs. 1, 2, 11, and 12.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W

S 2 | S 1

S 11 | S 12

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the T., set and marked as described in the official record.

West, bet. secs. 1 and 12.

Over rocky gravel flats, through scattered brush.

33.70 Road, graded gravel, bears N. and S.

36.50 Wash, 20 lks. wide, 1 ft. deep, course ENE.

39.92 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 12.

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

S 1

$\frac{1}{4}$ -----
S 12

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

79.84 The cor. of secs. 1, 2, 11, and 12.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

N. $0^{\circ} 04'$ W., bet. secs. 1 and 2.

Over gravel flats, through scattered brush.

8.10 Road, bears ENE. and WSW.

11.10 Wash, 12 lks. wide, 2 ft. deep, course E.

20.00 Wash, 15 lks. wide, 2 ft. deep, course E.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

- 24.40 Wash, 24 lks. wide, 1 ft. deep, course ENE.
- 33.60 Wash, 21 lks. wide, 1 ft. deep, course ENE.
- 37.60 Road, bears ENE. and WSW.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 2.
Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked.

$\frac{1}{4}$
S 2 | S 1

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

- 43.80 Wash, 24 lks. wide, 3 ft. deep, course NNE.
- 53.60 Wash, 9 lks. wide, 1 ft. deep, course ENE.
- 63.79 Wash, 12 lks. wide, 1 ft. deep, course ENE.
- 67.05 Intersect the north bdy. of the T. at the cor. of secs. 1, 2, 35, and 36; set and marked as described in the official record.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the T., set and marked as described in the official record.

N. $0^{\circ} 01'$ W., bet. secs. 34 and 35:

Asc. 301 ft. over S. slope.

- 9.64 Ridge, bears SE. and NW.; desc. 236 ft. over NE. slope.
- 20.39 Top of spur, slopes NE.; desc. 154 ft. over N. slope.
- 27.44 Wash, 15 lks. wide, 5 ft. deep, course E.
- 28.00 Enter scattered trees; desc. 40 ft. over E. slope.
- 37.00 Wash, 10 lks. wide, 5 ft. deep, course NE.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35.
Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
S 34 | S 35

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

- 45.59 Wash, 15 lks. wide, 4 ft. deep, course E.
- 55.50 Wash, 10 lks. wide, 3 ft. deep, course E.
- 68.00 Road, bears NW. and E.
- 69.70 Wash, 5 lks. wide, 2 ft. deep, course E.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

80.00

Point for the cor. of secs. 26, 27, 34, and 35.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W

S 27 | S 26

S 34 | S 35

1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous.

Soil, gravel.

Timber, palo verde; underbrush, greasewood and cacti.

From the cor. of secs. 25, 26, 35, and 36.

S. $89^{\circ} 53'$ W., bet. secs. 26 and 35.

Over gravel flats.

1.40

Road, bears NW. and SE.

8.00

Wash, 10 lks. wide, 4 ft. deep, course SE.

21.80

Wash, 10 lks. wide, 2 ft. deep, course NE.

39.99

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

S 26

 $\frac{1}{4}$

S 35

1954

48.00

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

61.00

Wash, course N. 60° E.

79.98

The cor. of secs. 26, 27, 34, and 35.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

N. $0^{\circ} 01'$ W., bet. secs. 26 and 27.

Over gravel flats and ridges.

7.80

Wash, 10 lks. wide, 2 ft. deep, course NE.

12.60

Gravel road, bears NE. and SW.

21.30

Wash, 10 lks. wide, 2 ft. deep, course E.; asc. 47 ft. over S. slope.

27.72

Top of spur, slopes E.; desc. 69 ft. over N. slope.

35.60

Enter scattered trees.

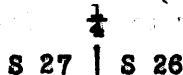
40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 27.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



1954

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

47.10 Wash, 10 lks. wide, 2 ft. deep, course E.

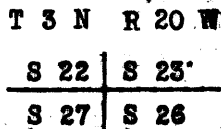
53.50 Wash, 10 lks. wide, 2 ft. deep, course E.

56.00 Wash, 10 lks. wide, 2 ft. deep, course SE.

74.39 Wash, 10 lks. wide, 2 ft. deep, course SE.

80.00 Point for the cor. of secs. 22, 23, 26, and 27.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



1954

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, gravel flats and ridges.

Soil, gravel.

Timber, paloverde, underbrush, greasewood and cacti.

From the cor. of secs. 23, 24, 25, and 26.

S. 89° 52' W., bet. secs. 23 and 26.

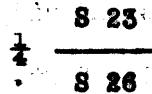
Over gravel flats, through scattered timber and brush.

31.80 Road, graded, bears N. and S.

35.80 Wash, 10 lks. wide, 3 ft. deep, course SE.

40.00 Point for the 1/4 sec. cor. of secs. 23 and 26.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.



1954

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, N. of cor.

80.00 The cor. of secs. 22, 23, 26, and 27.

Land, gravel flats.

Soil, gravel.

Timber, paloverde, underbrush, greasewood and cacti.

BOOK 4454

Partial Subdivision of T. 3 N., R. 20 W.

Chains N. 0° 01' W., bet. secs. 22 and 23.
~~Over gravel ridges and flats.~~
 11.50 Road, graveled, graded, bears WSW. and ENE.
 15.00 Road, graveled, graded, bears E. and W.
 30.00 Base of hill, bears WNW. and ESE.; asc. 80 ft. over SSW. slope.
 35.98 Crest of hill, bears W. and ESE.; desc. 70 ft. over N. slope.
 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 23.
 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground and in a mound of stone to the top, with brass cap mkd.

$\frac{1}{4}$
 S 22 | S 23

1954

44.99 Wash, 18 lks. wide, 2 ft. deep, course E.
 48.13 Wash, 25 lks. wide, 5 ft. deep, course E.
 51.89 Wash, 30 lks. wide, 2 ft. deep, course E.
 64.39 Road, graveled graded, bears ENE. and WSW.
 71.39 Enter flood area.
 74.90 Main channel of wash, course E.
 77.09 Leave flood area.
 80.00 Point for the cor. of secs. 14, 15, 22, and 23.
 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W

S 15 | S 14

S. 22 | S 25

1954

Raise a mound of stone, 3 ft. high, $2\frac{1}{2}$ ft. base, W. of cor.

Land, gravel flats and hills.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 13, 14, 23, and 24.

S. 89° 52' W., bet. secs. 14 and 23.

Over gravel flats.

15.00 Gravel road, bears ENE. and WSW.
 34.40 Road, graveled, bears ESE. and WNW.
 39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23.
 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$ — S 14
 S 23

1954

Partial Subdivision of T. 3 N., R. 20 W.

Chains

Raise a mound of stone, 3 ft. base, 2½ ft. high, N. of cor.

42.10 Wash, 50 lks. wide, 3 ft. deep, course N. 80° E., follow up wash.

65.30 Leave wash, course E., from WSW.

68.60 Center of graded road, bears ENE. and WSW.

79.98 The cor. of secs. 14, 15, 23, and 24.

Land, gravel flats.
Soil, gravel.
Timber, none; underbrush, greasewood and cacti.

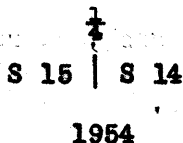
N. 0° 01' W., bet. secs. 14 and 15.

8.00 Over gravel flats.
Wash, course ESE. from WNW.
12.50 Asc. 680 ft. over S. slope, broken ledges.

38.00 Across SW. slope.

40.00 Point for the ¼ sec. cor. of secs. 14 and 15.

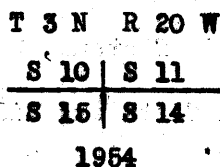
Set an iron post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone to the top, with brass cap mkd.



44.00 Asc. 55 ft. over SW. slope.
Saddle in ridge, bears WNW. and ESE.; desc. 610 ft. over steep NNE. slope.

80.00 Point for the cor. of secs. 10, 11, 14, and 15.

Set an iron post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, in a mound of stone to the top, with brass cap mkd.



Raise a mound of stone, 3 ft. base, 2½ ft. high, W. of cor.

Land, mountainous.
Soil, gravelly clay.
Timber, none; underbrush, greasewood and cacti.

S. 89° 51' W., bet. secs. 11 and 14.

11.80 Over gravel flats, through scattered brush.

30.30 Road, graded and graveled, bears NE. and SW.

34.30 Road, bears NNE. and SSW.

Wash, 20 lks. wide, 2 ft. deep, course ESE.

BOOK 4454

Partial Subdivision of T. 3 N., R. 20 W.

Chains

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 14.Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
$$\begin{array}{r} \frac{1}{4} \text{ ---} \\ \text{S 11} \\ \text{S 14} \\ 1954 \end{array}$$
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.

49.00

Road, bears ESE. and NNW.

53.90

Wash, 15 lks. wide, 1 ft. deep, course SE.

72.10

Road, bears NE. and SW.

80.00

The cor. of secs. 10, 11, 14, and 15.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

N. $0^{\circ} 01'$ W., bet. secs. 10 and 11.

Over gravel flats and ridges.

5.00

Spur, slopes E.

8.00

Wash, 15 lks. wide, 2 ft. deep, course E.

11.09

Wash, 24 lks. wide, 3 ft. deep, course ESE.; asc. 156 ft. over S. slope.

19.34

Ridge, bears E. and W.; desc. 158 ft. over N. slope.

32.37

Wash, 15 lks. wide, 2 ft. deep, course E.

35.27

Wash, 15 lks. wide, 3 ft. deep, course ESE.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11.Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
$$\begin{array}{r} \frac{1}{4} \\ \text{S 10} \mid \text{S 11} \\ 1954 \end{array}$$
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

43.90

Wash, 30 lks. wide, 5 ft. deep, course ESE.

51.00

Wash, course ENE. from W.

63.90

Wash, 15 lks. wide, 3 ft. deep, course ENE.

66.80

Wash, 20 lks. wide, 3 ft. deep, course ESE.

69.20

Road, bears E. and W.

77.00

Road, bears E. and W.

78.40

S. bank of wash, course E.

79.50

Main channel of wash, 80 lks. wide, 4 ft. deep, course ENE.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

80.00

Point for the cor. of secs. 2, 3, 10, and 11.

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

T 3 N R 20 W

S 3	S 2
-----	-----

S 10	S 11
------	------

1954

Land, gravel flats and ridges.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 1, 2, 11, and 12.

S. 89° 50' W., bet. secs. 2 and 11.

Over gravel flats.

.50

6.50

El Paso gas line, bears ESE. and WNW. (Underground)

Road, bears NE. and SW.

15.00

Road, bears N. and S.

39.98

Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 11.

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

S 2

$\frac{1}{4}$

S 11

1954

Raise a mound of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.

58.10

Road, bears NW. and SE.

71.10

Road, bears NE. and SW.

78.80

Wash, 80 lks. wide, 4 ft. deep, course ENE.

79.96

The cor. of secs. 2, 3, 10, and 11.

Land, gravel flats.

Soil, gravel.

Timber, none; underbrush, greasewood and cacti.

N. 0° 01' W., bet. secs. 2 and 3.

Over low ridges and washes, through scattered timber and brush.

Asc. 60 ft. over SE. slope.

18.93

Spur, flat, slopes E. from high mountain; desc. 73 ft. over N. slope.

28.55

Wash, 15 lks. wide, 5 ft. deep, course NNE.; desc. 23 ft.

32.95

Wash, 4 ft. deep, 10 lks. wide, course NE.

38.44

Wash, 10 lks. wide, 4 ft. deep, course ESE.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 2 and 3.

Partial Subdivision of T. 3 N., R. 20 W.

Chains	
	<p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S 3 S 2</p> <p style="text-align: center;">1954</p> <p>Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.</p>
46.30	Road, bears ENE. and WNW.; desc. 18 ft.
50.45	Wash, 20 lks wide, 5 ft. deep, course E.
51.99	El Paso gas line, bears ESE. and WNW.; (Underground) asc. 95 ft. over SE. slope of mountain.
60.58	Wash, 10 lks. wide, 2 ft. deep, course E.
65.15	Top of E. slope of mountain; desc. 12 ft. along E. slope to
67.34	Intersect the N. bdy. of the T., at the cor. of secs. 2, 3, 34, and 35, set and marked as described in the official record.
	<p>Land, low ridges.</p> <p>Soil, gravel.</p> <p>Timber, ironwood; underbrush, greasewood and cacti.</p>
	<p>From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the T., set and marked as described in the official record.</p> <p>N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.</p> <p>Asc. 480 ft. over S. slope of ridge.</p>
16.53	Ridge, bears E. and W.; desc. 698 ft. over NE. slope.
39.63	Spur, slopes E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34.
	<p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground, and in a mound of stone to the top, with brass cap mkd.</p> <p style="text-align: center;">$\frac{1}{4}$</p> <p style="text-align: center;">S 33 S 34</p> <p style="text-align: center;">1954</p> <p>Asc. 150 ft. over SE. slope.</p>
46.31	Spur, slopes E.; desc. 129 ft. over NE. slope.
50.00	Bottom of descent; asc. 69 ft. over SE. slope.
53.89	Spur, slopes E.; desc. 678 ft. over NE. slope.
80.00	Point for the cor. of secs. 27, 28, 33, and 34.
	<p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 8 ins. in the ground, and in a mound of stone to the top, with brass cap mkd.</p>

Partial Subdivision of T. 3 N., R. 20 W.

Chains	
	T 3 N R-20 W S 28 S 27 S 33 S 34 1954
	Land, limestone ridges. Soil, rocky loam. Timber, none; underbrush, greasewood and cacti.
	From the cor. of secs. 26, 27, 34, and 35. S. 89° 53' W., bet. secs. 27 and 34. Over low ridges.
15.25	Road, bears NE. and SW.; asc. along S. slope of ridge.
22.65	Top of spur, slopes SE.; desc. SW. slope.
27.65	Bottom of spur.
35.00	Road, bears NW. and SE.
38.60	Wash, course SE.
40.01	Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 34. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> $\frac{1}{4}$ $\frac{S\ 27}{S\ 34}$ 1954 </div>
	Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
49.40	Wash, 10 lks. wide, 3 ft. deep, course NE.
63.90	Wash, 20 lks. wide, 2 ft. deep, course SE.
80.02	The cor. of secs. 27, 28, 33, and 34. Land, low ridges. Soil, gravel. Timber, none; underbrush, greasewood and cacti.
	N. 0° 02' W., bet. secs. 27 and 28. Desc. 34 ft. over gravel bench.
15.07	Graded road, bears E. and W.
17.37	Wash, 50 lks. wide, 18 ft. deep; asc. 339 ft. over S. slope.
29.10	Ridge, bears S. 70° E. and N. 70° W.; desc. 170 ft. over N. slope.
39.29	Wash, 20 lks. wide, 3 ft. deep, course E.; desc. 20 ft. over S. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

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

$\frac{1}{4}$
 S 28 | S 27
 1954

Over rolling rocky land; asc. 397 ft. over S. slope.

46.87 Spur from ridge, slopes E.

57.65 Ridge, bears E. and W.; desc. 487 ft. over N. slope.

79.80 Wash, 50 lks. wide, 16 ft. deep, course E.

80.00 Point for the cor. of secs. 21, 22, 27, and 28.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W
 S 21 | S 22
 S 28 | S 27
 1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, mountains.
 Soil, rocky clay.
 Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 22, 23, 26, and 27.

S. $89^{\circ} 53'$ W., bet. secs. 22 and 27.

Over gravel valley.

13.96 Wash, 110 lks. wide, 16 ft. deep, course ESE; asc. 26 ft. over S. slope.

23.18 South side of low round knoll.

38.16 Asc. 26 ft. over N. slope of mountain.

39.99 Point for the $\frac{1}{4}$ sec. cor. of secs. 22 and 27.

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

$\frac{1}{4}$ S 22
 S 27
 1954

Asc. 98 ft. over N. slope of mountain.

48.06 Spur slopes N.; desc. 43 ft. over W. slope.

66.42 Wash, 80 lks. wide, 3 ft. deep, course ENE; asc. up wash.

75.20 Leave wash; asc. 45 ft. over SE. slope of mountain.

79.98 The cor. of secs. 21, 22, 27, and 28.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

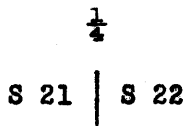
Land, mountainous.
Soil, rocky clay.
Timber, none; underbrush, greasewood and cacti.

N. 0° 02' W., bet. secs. 21 and 22

Asc. 162 ft. over rough rocky SE. slope.

- 4.61 Spur, slopes E.; desc. 163 ft. over N. slope.
- 11.56 Bottom of canyon, drains E.; asc. 120 ft. over S. slope.
- 21.44 Short spur, slopes E.
- 24.53 Short spur, slopes NE.; desc. 140 ft. over NW. slope.
- 36.39 Wash, in bottom of canyon, 50 lks. wide, course ENE.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.

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



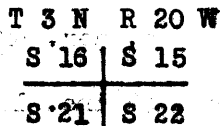
1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Over rocky canyon; asc. 149 ft. over S. slope.

- 48.22 Long spur, slopes SE.; desc. 211 ft. over NE. slope.
- 58.27 Road, bears E. and W.
- 66.40 Wash, 30 lks. wide, 12 ft. deep, course ENE.; asc. 180 ft. over SE. slope.
- 74.98 Short spur, slopes E. to ridge; desc. 105 ft. over N. slope.
- 80.00 Point for the cor. of secs. 15, 16, 21, and 22.

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



1954

Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous and rocky canyons.
Soil, rocky loam.
Timber; paloverde; underbrush, greasewood and cacti.

From the cor. of secs. 14, 15, 22, and 23.

S. 89° 53' W., bet. secs. 15 and 22.

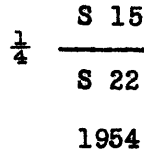
Over rocky benches and washes, through scattered timber and brush.

- 9.20 Wash, 35 lks. wide, 5 ft. deep, course ESE.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

16.10 Enter wash, course SE. from W.; follow up wash.
 37.50 Leave wash, course E. from WNW.; asc. 52 ft. over N. slope.
 39.97 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 22.
 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.



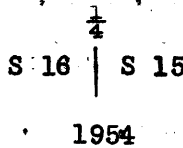
Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, N. of cor.
 Across N. slope.

45.20 Wash, 40 lks. wide, 4 ft. deep, course ENE.; asc. 162 ft. over S. slope.
 63.50 Ridge, bears ENE. and WSW.; desc. 142 ft. over N. slope.
 79.94 The cor. of secs. 15, 16, 21, and 22.
 Land, mountainous and rocky.
 Soil, rocky loam.
 Timber, paloverde; underbrush; greasewood and cacti.

N. $0^{\circ} 02'$ W., bet. secs. 15 and 16.

Desc. 39 ft. over N. slope, through scattered timber and brush.

5.70 South bank of wash, 30 lks. wide, 12 ft. deep, course ESE.
 8.66 North bank of wash; asc. 37 ft. over S. slope of ridge.
 11.86 Rocky shale ridge, bears E. and W.; desc. 44 ft. over N. slope.
 16.15 Wash, 50 lks. wide, 7 ft. deep, course E.
 22.30 Road, bears E. and W.
 27.62 Wash, 15 lks. wide, 4 ft. deep, course E; asc. 204 ft. over S. slope.
 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16. This point falls in a saddle in a ridge, bears E. and W.
 Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 5 ins. in the ground, and in a mound of stone to the top, with brass cap mkd.



Desc. 88 ft. over N. slope into canyon.

47.92 Wash, 50 lks. wide, 14 ft. deep, course E.; asc. 408 ft. over SSE. slope.
 60.18 Long spur, bears SE.; desc. 169 ft. over NE. slope.
 67.00 Asc. 265 ft. over broken SSE. slope.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

76.59 Top of mountain, bears E. and W.; desc. 108 ft. over N. slope.
 80.00 Point for the sec. cor. of secs. 9, 10, 15, and 16.
 Set an iron post, 28 ins. long, 2½ ins. diam., over an "X" cut in solid rock, and in a mound of stone to the top, with brass cap mkd.

T 3 N R 20 W	
S 9	S 10
S 16	S 16

1954

Land, rocky and mountainous.
 Soil, rocky loam.
 Timber, none; underbrush, greasewood and cacti.

From the cor. of secs. 10, 11, 14, and 15,
 S. 89° 51' W., bet. secs. 10 and 15.
 Asc. 86 ft. over S. slope.

22.00 Wash, in canyon, 20 lks wide, 6 ft. deep, course ESE.; asc. 40 ft. over N. slope.

26.20 Wash, 10 lks. wide, 4 ft. deep, course N.; asc. 393 ft. over broken E. slope.

39.95 Point for the ¼ sec. cor. of secs. 10 and 15.
 Set an iron post, 28 ins. long, 2½ ins. diam., over an "X" cut in solid rock, and in a mound of stone to the top, with brass cap mkd.

S 10
¼ ———
S 15

1954

Asc. 426 ft. up a spur, which slopes E.
 La Cholla

58.76 Top of mountain, bears WSW. and ENE.; desc. 332 ft. along N. slope.

79.90 The cor. of secs. 9, 10, 15, and 16.
 Land, mountainous and rocky.
 Soil, rocky loam.
 Timber, none; underbrush, greasewood and cacti.

N. 0° 02' W., bet. secs. 9 and 10.
 Desc. 457 ft. over broken N. slope of mountain.

30.64 Wash, 40 lks. wide, 5 ft. deep, course ENE.; asc. 73 ft. over E. slope.

33.21 Spur, flat, slopes E.; desc. 59 ft. over ENE slope.

40.00 Point for the ¼ sec. cor. of secs. 9 and 10.
 Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.

S 9	S 10
-----	------

1954

Partial Subdivision of T. 3 N., R. 20 W.

Chains

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Desc. 82 ft. over N. slope.

53.76 Wash, 10 lks. wide, 3 ft. deep, course E.

77.20 Wash, 20 lks. wide, 3 ft. deep, course NNW.

80.00 Point for the sec. cor. of secs. 3, 4, 9, and 10.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 3 N R 20 W

S 4 | S 3

S 9 | S 10

1954

Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.

Land, mountainous and rocky.

Soil, rocky loam.

Timber, none; underbrush, greasewood and cacti.

From the cor. of secs.

S. 89° 51' W., bet. secs. 3 and 10.

Along N. bank of wash, through scattered trees.

10.00 Leave bank of wash; asc. 116 ft. over S. slope.

37.73 Top of slope; desc. 55 ft. over S. slope.

39.97 Point for the 1/4 sec. cor. of secs. 3 and 10.

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, and in a mound of stone to the top, with brass cap mkd.

S 3

1/4 ———

S 10

1954

Desc. 69 ft. over SSW. slope.

55.20 Wash, 15 lks. wide, 2 ft. deep, course ESE.; asc. 126 ft. over NE. slope.

72.59 Small spur, slopes N.; desc. 66 ft. over W. slope.

77.49 End of descent; asc. 14 ft. to the cor.

79.94 The cor. of secs. 3, 4, 9, and 10.

Land, mountainous and rocky.

Soil, rocky loam.

Timber, paloverde; underbrush, greasewood and cacti.

N. 0° 02' W., bet. secs. 3 and 4.

Desc. 17 ft. over N. slope.

24.00 Foot of ridge; asc. 282 ft. over S. slope.

Partial Subdivision of T. 3 N., R. 20 W.

Chains

- 28.82 Spur, slopes E.; desc. 133 ft. over broken E. slope.
- 36.87 Ridge, bears E. and W.; desc. 91 ft. over N. slope to the $\frac{1}{4}$ sec. cor.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 4.
Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.
 $\frac{1}{4}$
S 4 | S 3
1954
- Raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
Desc. 166 ft. over N. slope.
- 44.50 Head of wash, course NE.; asc. 59 ft. over SE. slope.
- 60.21 Spur, low slopes NE.; desc. 72 ft. over N. slope.
- 67.62 Intersect the north boundary of the Tp. at the true point for the cor. of secs. 3, 4, 33, and 34.
From this cor. point, the witness cor. for secs. 3, 4, 33, and 34 bears N. $0^{\circ} 04'$ W., 50 lks. dist.
Land, mountainous and rocky.
Soil, rocky loam.
Timber, none; underbrush, greasewood, and cacti.

General Description

The east half of T. 3 N., R. 20 W., is mostly gravel covered benches and washes with some high rocky ridges and mountains. Grass is very sparse and there are some scattered paloverde trees along the washes. The main vegetation is cacti and greasewood. There is no water. In the early days there was some mining activity, however, that has been abandoned. The soil is very poor.

CERTIFICATE OF CADASTRAL ENGINEER

We, Donald E. Harding and Fred R. Chappell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 27 th. day of November, 1950

We have surveyed the East 1/2 of T. 3 N., R. 20 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.

May 23, 1955

Fred R. Chappell
Fred R. Chappell, Cartographic Aid
Donald E. Harding
Donald E. Harding, Cadastral Engineer

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., SEP 19 1955, 19

The foregoing field notes of the survey of the East 1/2 of T. 3 N., R. 20 W. of the Gila and Salt River Meridian of Arizona.

executed by Donald E. Harding and Fred R. Chappell

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

Carl G. Harrold
Chief, Division of Cadastral Engineering
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.

Chief, Division of Cadastral Engineering.