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BOOK 4513

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the Survey of the

West Boundary

and a

Portion of the Subdivision

of

Township 40 North, Range 11 West

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Paul K. Russell, Cartographic Survey Aid

Under special instructions dated September 22, 1954, which provided
for the surveys included under Group No. 295, approved September 27, 1954
and assignment instructions dated November 23, 1955.

Survey commenced December 1, 1955

Survey completed December 19, 1955

BOOK 4513

INDEX DIAGRAM

Township 40 North, Range 11 West

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Township 40 North, Range 11 West

Chains

The north boundary (Tenth Standard Parallel North) and south boundary of T. 40 N., R. 11 W., were surveyed by H. M. Muscott in 1939. The east boundary was surveyed by Muscott, Warner and Motoh in 1939.

The following notes are those of the survey of the west boundary and a portion of the subdivision of T. 40 N., R. 11 W., Gila and Salt River Meridian, Arizona. A double set of corners were established on the west boundary, one set referring to T. 40 N., R. 11 W., at regular 40.00 chain intervals from the closing cor. of Ts. 39 and 40 N., R. 11 W., and the other set referring to T. 40 N., R. 12 W., at 40.00 chain intervals from the SE. corner of the township.

The survey was undertaken at the request of the Arizona State Land Dept. for the monumentation of certain school sections, and also to benefit the operation division of the Bureau of Land Management, particularly Range Management.

The survey was executed with W. and L. E. Gurley transit No. 481347. It is equipped with full vertical circle and improved Smith-type telescopic solar attachment, and conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey.

The directions of all lines herein reported are determined by deflections from meridians established by observations upon Polaris and the sun, throughout the survey.

Measurements were made with a narrow steel tape, 8 chs. in length, graduated every link for the first 100 links, and thereafter at intervals of 5 links. The tape was tested by comparison with a one-chain standard steel tape and found correct. All measurements were made on the slope and the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents alone are entered in the field note record. The length of all lines was determined by chaining.

The geographic position of the southeast corner of the township is in latitude $36^{\circ} 49' 02.888''$ N. and longitude $113^{\circ} 25' 06.804''$ W., as determined from a tie to U. S. C. and G. S. station Red Bluff, which bears N. $0^{\circ} 28' 40''$ E., 29.09 chs. dist. from the cor. of secs. 4, 5, 32 and 33 on the south boundary of the township. The geographic position of this station is Lat. $36^{\circ} 49' 21.872''$ N., Long. $113^{\circ} 29' 26.334''$ W.

The magnetic declination was read at a number of stations throughout the township and the average of the readings was found to be 16° E.

 Survey of the W. Bdy., T. 40 N., R. 11 W.

Beginning at the closing cor. of Ts. 39 and 40 N., R. 11 W., which is monumented with an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the official record.

North, along the W. bdy. of sec. 31.

Through heavy juniper and pinon.

Asc. 36 ft. over S. slope.

6.24

The cor. of Ts. 39 and 40 N., R. 12 W., an iron post, 3 ins. diam., firmly set, mkd. and witnessed as described in the official record.

W. Bdy., T. 40 N., R. 11 W.

Chains

12.20 Wash, 10 lks. wide, 2 ft. deep, drains S. 65° W.; asc. 25 ft. over nearly level land.

31.20 Shallow wash, 2 lks. wide, drains W.

38.80 Shallow wash, 2 lks. wide, drains N. 80° W.

40.00 Point for the 1/4 sec. cor. of sec. 31 only.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

1/4

S31

1955

from which

A juniper, 7 ins. diam., bears S. 80° E., 61 lks. dist., mkd. 1/4 S31 BT.

46.24 Point for the 1/4 sec. cor. of sec. 36, T. 40 N., R. 12 W., 40 chs. dist. N. in latitude from the SE. cor. of the township.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

1/4

S36

1955

from which

A juniper, 6 ins. diam., bears S. 47 1/4° W., 15 lks. dist., mkd. 1/4 S36 BT.

A juniper, 5 ins. diam., bears S. 87 1/4° W., 11 lks. dist., mkd. BT.

Desc. 173 ft. over N. slope.

58.90 Dirt road, bears SE. and N. 70° W.

66.10 Recross road, bears N. 10° E. and S. 40° W.

71.00 Recross road, bears NW. and SE.

80.00 Point for the cor. of secs. 30 and 31 only.

Set an iron post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N

R12W R11W

S36 | S30

| S31

1955

from which

A pinon, 8 ins. diam., bears N. 42 1/2° E., 75 lks. dist., mkd. T40N R11W S30 BT.

W. Bdy., T. 40 N., R. 11 W.

Chains

A juniper, 5 ins. diam., bears S. $27\frac{1}{2}^{\circ}$ E., 26 lks. dist.,
mkd. T4ON R11W S31 BT

Land, mountainous.

Soil, clay.

Timber, juniper and pinon; undergrowth, sagebrush, blackbrush and
bitterbrush.

North, along the W. bdy. of sec. 30.

Over nearly level land, through dense juniper and pinon.

6.24 Point for the cor. of secs. 25 and 36, T. 40 N., R. 12 W., 80 chs.
dist. N. in latitude from the SE. cor. of the tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground
with brass cap mkd.

T4ON
R12W R11W
S25 | S30
S36

1955

from which

A juniper, 8 ins. diam., bears S. 59° W., 91 lks. dist.,
mkd. T4ON R12W S36 BT

A pinon, 6 ins. diam., bears N. 40° W., 48 lks. dist., mkd.
T4ON R12W S25 BT.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 30 only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground
to bedrock, and in a mound of stone to top, with brass cap mkd.

 $\frac{1}{4}$

| S30

1955

from which

A juniper, 8 ins. diam., bears N. 32° E., 34 lks. dist.,
mkd. $\frac{1}{4}$ S30 BT.

A juniper, 14 ins. diam., bears S. 54° E., 17 lks. dist.,
mkd. $\frac{1}{4}$ S30 BT.

46.24 Point for the $\frac{1}{4}$ sec. cor. of sec. 25, T. 40 N., R. 12 W., 120.00
chs. dist. N. in latitude from the SE. cor. of the tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the
ground, with brass cap mkd.

 $\frac{1}{4}$

S25 |

1955

from which

W. Bdy., T. 40 N., R. 11 W.

Chains

A juniper, 15 ins. diam., bears S. $11\frac{1}{4}^\circ$ W., 1.90 chs. dist., mkd. $\frac{1}{4}$ S25 BT.

A juniper, 12 ins. diam., bears N. $11\frac{3}{4}^\circ$ W., 69 lks. dist., mkd. $\frac{1}{4}$ S25 BT.

Asc. 32 ft. over gentle S. slope.

80.00 Point for the cor. of secs. 19 and 30 only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd.

T4ON
R12W R11W
S25 | $\frac{S19}{S30}$

1955

from which

A pinon, 6 ins. diam., bears N. $61\frac{1}{4}^\circ$ E., 12 lks. dist., mkd. T4ON R11W ~~S19~~ BT.

A juniper, 8 ins. diam., bears S. $51\frac{1}{4}^\circ$ E., 49 lks. dist., mkd. T4ON R11W S30 BT.

Land, mountainous.

Soil, gravel and clay.

Timber, juniper and pinon; undergrowth, Brigham tea and sagebrush.

North, along the W. bdy. of sec. 19.

Over nearly level land, through dense juniper and pinon.

6.24 Point for the cor. of secs. 24 and 25, T. 40 N., R. 12 W., 160.00 chs. dist. N. in latitude from the SE. cor. of the tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

T4ON
R12W R11W
S24 | $\frac{S19}{S25}$

1955

from which

A pinon, 5 ins. diam., bears S. $72\frac{1}{4}^\circ$ W., 82 lks. dist., mkd. T4ON R12W S25 BT.

A juniper, 4 ins. diam., bears N. $32\frac{1}{2}^\circ$ W., 23 lks. dist., mkd. BT.

Desc. 81 ft. over gentle N. slope.

6.50 Leave dense timber; enter medium dense timber.

18.80 Leave medium dense timber; enter scattered timber.

37.00 Shallow wash, drains N. 55° W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 19 only.

W. Bdy., T. 40 N., R. 11 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.

 $\frac{1}{4}$

| S19

1955

from which

A juniper, 10 ins. diam., bears N. $4\frac{1}{2}^{\circ}$ E., 2.21 chs. dist., mkd. $\frac{1}{4}$ S19 BT.

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

41.50 Wash, 3 lks. wide, 1 ft. deep, drains W.; thence over rolling land.

46.24 Point for the $\frac{1}{4}$ sec. cor. of sec. 24, T. 40 N., R. 12 W., 200.00 chs. dist. N. in latitude from the SE. cor. of the township.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

 $\frac{1}{4}$

S24 |

1955

from which

A juniper, 4 ins. diam., bears N. $12\frac{1}{2}^{\circ}$ W., 81 lks. dist., mkd. $\frac{1}{4}$ S24 BT.

No other suitable trees available.

80.00 Point for the cor. of secs. 18 and 19 only.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N

R12W R11W

S24 | S18
| S19

1955

Land, gently rolling.

Soil, gravel and clay.

Timber, juniper and pinon; undergrowth, blackbrush, sagebrush and sparse grass.

North, along the W. bdy. of sec. 18.

Desc. 13 ft. over N. 10° W. slope.

5.00 Edge of broken lava rock rim, faces N. 20° W.; desc. 55 ft. over N. slope.

6.24 Point for the cor. of secs. 13 and 24, T. 40 N., R. 12 W., 240.00 chs. dist. N. in latitude from the SE. cor. of the tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over X on solid rock, and in a mound of stone to top, with brass cap mkd.

W. Bdy., T. 40 N., R. 11 W.

Chains

T4ON
R12W R11W

S13 | S18
S24

1955

from which

A pinon, 13 ins. diam., bears S. 74° W., 45 lks. dist., mkd.
T4ON R12W S24 BT.

No other suitable trees available.

Desc. 694 ft. over broken N. slope.

35.40 Draw, 20 lks. wide, 2 ft. deep, drains N. 10° W.; thence along W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 18 only.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$

| S18

1955

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

Desc. 33 ft. over WNW. slope.

46.24 Point for the $\frac{1}{4}$ sec. cor. of sec. 13, T. 40 N., R. 12 W., 280.00 chs. dist. N. in latitude from the SE. cor. of the tp.

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

$\frac{1}{4}$

S13 |

1955

Desc. 219 ft. over NNW. slope.

52.80 Recross draw, drains NE.

64.60 Recross draw, drains NW.

70.40 Wash, 10 lks. wide, 2 ft. deep, drains W. from S. 55° E.

80.00 Point for the cor. of secs. 7 and 18 only.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T4ON
R12W R11W

S 7 | S18
S13

1955

Land, mountainous.

Soil, gravel, clay and lava rock.

Timber, scattered pinon and juniper; undergrowth, blackbrush, sagebrush, Brigham tea and sparse grass.

W. Bdy., T. 40 N., R. 11 W.

Chains

North, along the W. bdy. of sec. 7.

Desc. 13 ft. over NNW. slope.

1.30 Main wash, 30 lks. wide, 4 ft. deep, drains NE.; asc. 18 ft. over rolling E. slope.

6.24 Point for the cor. of secs. 12 and 13, T. 40 N., R. 12 W., 320.00 chs. dist. N. in latitude from the SE. cor. of the tp.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N
R12W R11W
S12 |
S13 | S 7

1955

Desc. 45 ft. over N. slope.

26.30 Wash, 4 lks. wide, 1 ft. deep, drains E.; asc. 85 ft. over S. slope.

33.20 Spur, slopes E.; desc. 20 ft. over N. slope.

35.20 Draw, drains S. 70° E.; asc. 55 ft. over S. slope.40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 7 only.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd. $\frac{1}{4}$

| S 7

1955

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

Desc. 61 ft. over N. slope.

46.24 Point for the $\frac{1}{4}$ sec. cor. of sec. 12, T. 40 N., R. 12 W., 360.00 chs. dist. N. in latitude from the SE. cor. of the tp.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd. $\frac{1}{4}$

S12 |

1955

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

Desc. 20 ft. over N. slope.

56.40 Wash, 15 lks. wide, 2 ft. deep, drains N. 70° E.; asc. 118 ft. over S. 10° E. slope.64.00 Spur, slopes N. 80° E.; desc. 125 ft. over N. slope.70.30 Wash, 15 lks. wide, 2 ft. deep, drains N. 70° E.; thence over rolling land.

80.00 Point for the cor. of secs. 6 and 7 only.

W. Bdy., T. 40 N., R. 11 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, with brass cap mkd.

T4ON
R12W R11W
S12 | S 6
 | S 7

1955.

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

Land, mountainous.

Soil, gravelly, limestone.

Timber, none; undergrowth, blackbrush, sagebrush and Brigham tea.

North, along the W. bdy. of sec. 6.

- .10 Wash, 10 lks. wide, 2 ft. deep, drains E.; asc. 54 ft. over S. slope.
- 6.24 Point for the cor. of secs. 1 and 12, T. 40 N., R. 12 W., 400.00 chs. dist. N. in latitude from the SE. cor. of the tp.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
- T4ON
R12W R11W
S 1 | S 6
S12 |
- 1955
- Asc. 70 ft. over S. slope.
- 12.00 Spur, projects SE.; desc. 79 ft. over NE. slope.
- 17.00 Draw, drains E.
- 24.70 Draw, drains S. 60° E.; asc. 100 ft. over S. slope.
- 30.60 Spur, projects E.; desc. 98 ft. over N. slope.
- 38.50 Wash, 10 lks. wide, 12 ft. deep, drains E.; asc. 30 ft.
- 39.50 Narrow limestone spur, projects S. 80° E., approximately 3 chs. to tip.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of sec. 6 only.
- Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over X on solid rock, and in a mound of stone to top, with brass cap mkd.
- $\frac{1}{4}$
| S 6
- 1955
- Cor. is located on N. side of spur, under limestone ledge.
- 42.80 Wash, 10 lks. wide, 20 ft. deep, limestone walls, drains SE.; heads approximately 4 chs. NW.; asc. 64 ft. over SW. slope.
- 46.24 Point for the $\frac{1}{4}$ sec. cor. of sec. 1, T. 40 N., R. 12 W., 440.00 chs. dist. N. in latitude from the SE. cor. of the tp.

W. Bdy., T. 40 N., R. 11 W.

Chains

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., over X on solid rock, and in a mound of stone to top, with brass cap mkd.

 $\frac{1}{4}$

S 1 |

1955

Asc. 91 ft. over SW. slope.

54.20 Spur, projects NE.; desc. 55 ft. over NW. slope.

59.40 Small draw, drains SW. into grassy bowl; asc. 243 ft. over lava S. 10° E. slope.

71.10 Lava rock spur, projects N. 80° E.; desc. 45 ft. over NNW. slope.

76.56 Intersect the Tenth Standard Parallel North.

Point for the closing cor. of Ts. 40 N., Rs. 11 and 12 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

T41N R11W

S31

| | |
|------|------|
| S 1 | S 6 |
| R12W | R11W |

T40N

CC

1955

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

From the point of intersection the standard $\frac{1}{4}$ sec. cor., S. bdy. of sec. 31, T. 41 N., R. 11 W., bears East, 8.40 chs. dist., and is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Land, mountainous.

Soil, gravelly.

Timber, none; undergrowth, sagebrush, blackbrush and Brigham tea.

Survey of a Portion of the Subdivision, T. 40 N., R. 11 W.

Beginning at the true point for the cor. of secs. 3, 4, 33 and 34, on the S. bdy. of the tp., from which the witness cor. of secs. 3, 4, 33 and 34 bears East, 1.00 ch. dist., an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

N. $0^{\circ} 02'$ W., bet. secs. 33 and 34.

Asc. 175 ft. over S. 30° E. slope.

10.20 Spur, projects NE.; desc. 92 ft. over NNW. slope.

18.00 Shallow wash, drains N. for approximately 7 chs., thence NE.; asc. 33 ft. over ESE. slope.

26.60 Road, dirt, bears NE. and generally W.

32.50 Road, dirt, bears E. and W.

Subdivision, T. 40 N., R. 11 W.

| Chains | | misdO |
|--------|---|-------|
| 34.00 | Shallow wash, drains S. 70° E.; metal reservoir, bears W. approximately 7 chs. | |
| 38.00 | Road, dirt, bears NE. and SW. | |
| 40.00 | Point for the 1/4 sec. cor. of secs. 33 and 34. | |
| | Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. | |
| | <p style="text-align: center;">1955</p> <p>S33 S34</p> | |
| | <p style="text-align: center;">1955</p> <p>Desc. 28 ft. over NE. slope.</p> | |
| 53.70 | Draw, drains E.; asc. 127 ft. over S. slope. | |
| 57.30 | Narrow limestone rim, faces S. 10° E.; desc. 104 ft. over NE. slope. | |
| 72.40 | Draw, drains generally N. 30° E.; asc. 40 ft. | |
| 76.60 | Limestone outcrop, projects NE. 1 1/2 chs.; desc. 20 ft. over NW. slope. | |
| 80.00 | Point for the cor. of secs. 27, 28, 33 and 34. | |
| | Set an iron post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. | |
| | <p style="text-align: center;">T4ON R11W</p> <p style="text-align: center;">S28 S27</p> <p style="text-align: center;">S33 S34</p> | |
| | <p style="text-align: center;">1955</p> <p>from which</p> | |
| | A juniper, 6 ins. diam., bears N. 37 3/4° E., 28 lks. dist., mkd. T4ON R11W S27 BT. | |
| | A juniper, 5 ins. diam., bears S. 31 1/4° E., 1.18 chs. dist., mkd. T4ON R11W S34 BT. | |
| | A juniper, 10 ins. diam., bears S. 17 1/2° W., 2.52 chs. dist., mkd. T4ON R11W S33 BT. | |
| | A pinon, 7 ins. diam., bears N. 30 1/4° W., 75 lks. dist., mkd. T4ON R11W S28 BT. | |
| | <p>Land, rolling.</p> <p>Soil, gravelly.</p> <p>Timber, scattered pinon and juniper; undergrowth, blackbrush, Brigham tea and medium grass.</p> | |
| | N. 0° 02' W., bet. secs. 27 and 28. | |
| | Over rolling desert land; desc. 140 ft. over ENE. slope. | |
| .20 | Small draw, drains S. 70° E. | |
| 18.30 | Spur, projects N. 70° E. | |

Subdivision, T. 40 N., R. 11 W.

Chains

21.00 Draw, drains N. 25° E., approximately 4 chs., thence E.

27.90 Draw, drains E.

32.90 Draw, drains S. 70° E.; asc. 135 ft. over S. slope.

38.20 Limestone rim, faces S.; desc. 5 ft. over NE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 27 and 28.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. $\frac{1}{4}$

S28 | S27

1955

42.20 Limestone rim, faces N. 20° E.; desc. 63 ft. over N. slope.

44.00 Draw, drains E.; heads approximately 3 chs. W.; asc. 26 ft. over S. slope.

51.10 Limestone rim, faces S. 25° E.

52.60 Spur, projects NE.; desc. 198 ft. over generally N. slope.

56.90 Small draw, drains N.

64.60 Recross draw, drains N. 30° E.

74.50 Tip of limestone spur, slopes N.

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

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 7 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N R11W

S21 | S22

S28 | S27

1955

Land, rolling.

Soil, gravelly, limestone.

Timber, thinly scattered juniper and pinon; undergrowth, blackbrush and Brigham tea.

N. 0° 02' W., bet. secs. 21 and 22.

Over rolling desert land; desc. 138 ft. to $\frac{1}{4}$ sec. cor.

13.30 Wash, 30 lks. wide, 4 ft. deep, drains NE.

15.30 Wash, 30 lks. wide, 10 ft. deep, drains E. approximately 2 chs. to other wash.

37.10 E. side of gate in barbed wire fence, bears N. 60° E. and S. 60° W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 21 and 22.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground, and in a mound of stone to top, with brass cap mkd.

Subdivision, T. 40 N., R. 11 W.

Chains

$\frac{1}{4}$
S21 | S22

1955

48.20 Wash, 30 lks. wide, 2 ft. deep, drains N. 70° E.; asc. 208 ft. over S. slope.

57.70 Spur, projects N. 60° E.; desc. 178 ft. over N. slope.

75.70 Spur, projects N. 60° E.

80.00 Point for the cor. of secs. 15, 16, 21 and 22.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T40N R11W
S16 | S15
S21 | S22

1955

Land, rolling.
Soil, gravelly.
Timber, scattered pinon and juniper; undergrowth, blackbrush, spanish bayonet, Brigham tea and sparse grass.

N. 0° 02' W., bet. secs. 15 and 16.

Desc. 78 ft. over N. slope.

3.80 Road in bottom of wash, drains E.; road winds up S. slope about 5 chs. W. of line. Metal reservoir, bears E. approximately 5 chs. dist.

Asc. 179 ft. over S. 10° E. slope.

13.50 Top of slope, rim faces S. 20° E.; desc. 39 ft. over N. slope.

21.50 Road, dirt, bears generally E. and W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$\frac{1}{4}$
S16 | S15

1955

41.30 Rim of bench; desc. 185 ft. over N. 50° W. slope.

48.70 Wash, 15 lks. wide, 1 ft. deep, drains N. 35° E.

66.50 Forks of washes, drain E. from S. 60° W. and NW.; approximately 2 chs. dist. to other wash.

80.00 Point for the cor. of secs. 9, 10, 15 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 18 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

Subdivision, T. 40 N., R. 11 W.

Chains

| | |
|-----------|-----|
| T40N R11W | |
| S 9 | S10 |
| S16 | S15 |

1955

Land, rolling.
Soil, gravelly.
Timber, none; undergrowth, Brigham tea, blackbrush, spanish bayonet and sparse grass.

N. 0° 02' W., bet. secs. 9 and 10.

Asc. 154 ft. over S. 15° E. slope.

10.10 Limestone rim, faces S. 20° E.

12.00 Spur, projects N. 80° E.

14.10 N. rim of spur, desc. 90 ft. over NE. slope.

33.40 Head of draw, drains N. 65° E.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 9 and 10.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

 $\frac{1}{4}$

| | |
|-----|-----|
| S 9 | S10 |
|-----|-----|

1955

Desc. 58 ft. over N. slope.

49.10 Wash, 25 lks. wide, 1 ft. deep, drains E.; desc. 97 ft. over rolling land to cor.

58.80 Fence, barbed wire, bears S. 60° E. and N. 60° W.

59.50 Recross wash, drains W.

76.50 Recross wash, drains NE.

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

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

| | |
|-----------|-----|
| T40N R11W | |
| S 4 | S 3 |
| S 9 | S10 |

1955

Land, rolling.
Soil, gravelly.
Timber, none; undergrowth, blackbrush, sparse grass, Brigham tea and spanish bayonet.

N. 0° 02' W., bet. secs. 3 and 4.

Subdivision; T. 40 N., R. 11 W.

Chains

Over rolling land; desc. 54 ft. over N. slope.

1.10 Recross wash, drains N. 80° W.

17.10 Recross wash, 25 lks. wide, limestone walls, 15 ft. deep, drains NE.; Asc. 55 ft. over SE. slope.

29.20 Spur, projects N. 40° E.; desc. 97 ft. over N. slope.

36.60 Shallow wash, drains S. 75° E.; asc. 22 ft. over SE. slope.

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

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$
 S 4 | S 3
 1955

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

Asc. 137 ft. over SE. slope.

50.40 S. rim of spur, faces SE.

52.00 Spur, projects N. 80° E.

54.00 N. rim of spur, faces NW.; desc. 233 ft. over NW. slope.

57.60 Limestone rim, faces N. 30° W.

66.20 Wash, 3 lks. wide, 2 ft. deep, drains generally N.; asc. 11 ft. over SE. slope.

76.33 Intersect the Tenth Standard Parallel North:

Point for the closing cor. of secs. 3 and 4, T. 40 N., R. 11 W.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T41N R11W
 S34
 S 4 | S 3
 T40N | R11W
 CC
 1955

From the point of intersection the standard $\frac{1}{4}$ sec. cor., S. bdy. of sec. 34, T. 41 N., R. 11 W., bears East, 13.09 chs. dist., and is monumented with an iron post, 1 in. diam., set, mkd. and witnessed as described in the official record.

Land, rolling.

Soil, gravelly.

Timber, none; undergrowth, blackbrush, Brigham tea, spanish bayonet and sparse grass.

From the cor. of secs. 15, 16, 21 and 22.

West, bet. secs. 16 and 21.

Asc. 234 ft. over NNE. slope.

Subdivision, T. 40 N., R. 11 W.

Chains

38.00 Draw, drains N. 10° E.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 21.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 3 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\frac{1}{4} \frac{S16}{S21}$$

1955

Asc. 229 ft. over NE. slope, through thinly scattered juniper.

60.30 Draw, drains N. 55° E.

76.20 Draw, drains N.

80.00 Point for the cor. of secs. 16, 17, 20 and 21.

Set an iron post, 30 ins. long; $2\frac{1}{2}$ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

| | |
|-----------|-----|
| T40N R11W | |
| S17 | S16 |
| S20 | S21 |

1955

Land, broken slopes.

Soil, rocky, gravelly.

Timber, thinly scattered juniper; undergrowth, blackbrush, Brigham tea and spanish bayonet.

N. 0° 03' W., bet. secs. 16 and 17.

Desc. 175 ft. over NE. slope.

8.40 Draw, drains N. 80° E.; asc. 39 ft. over SE. slope.

12.00 Spur, projects NE.; desc. 147 ft. over N. 10° W. slope.

13.50 Underground pipe line, bears E. and W., exposed across draw approximately 7 chs. E.

16.40 Road, dirt, bears S. 80° E. and N. 70° W.

22.00 Wash, 12 lks. wide, 5 ft. deep, drains N. 50° W.; asc. 94 ft. over clay S. slope.

26.70 Top of spur, projects NE.; desc. 107 ft. over N. W. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 16 and 17.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

$$\frac{1}{4}$$

$$S17 \mid S16$$

1955

Desc. 224 ft. over NNW. slope.

Subdivision, T. 40 N., R. 11 W.

Chains

56.40

Wash, 15 lks. wide, 3 ft. deep, drains generally N.

80.00

Point for the cor. of secs. 8, 9, 16 and 17.

Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

T4ON R11W
S 8 | S 9
S17 | S16

1955

from which

A juniper, 8 ins. diam., bears N. 18 3/4° W., 70 lks. dist., mkd. T4ON R11W S8 BT.

No other suitable trees available.

Cor is located on the E. side of wash, 15 lks. wide, 1 ft. deep, drains N. 20° E.

Land, rolling.

Soil, gravelly.

Timber, thinly scattered juniper; undergrowth, blackbrush, sagebrush and sparse grass.

From the cor. of secs. 9, 10, 15 and 16.

West, bet. secs. 9 and 16.

Asc. 218 ft. over E. slope.

13.10

E. rim of bench, faces E.

26.70

W. rim of bench, faces S. 70° W.; desc. 216 ft. over W. slope.

40.01

Point for the cor. of secs. 9 and 16.

Set an iron post, 30 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.

¼ S 9
S16

1955

Over rolling land, asc. 30 ft. to cor.

42.90

Wash, 10 lks. wide, 4 ft. deep, drains N. 10° E.

47.60

Spur, projects N. 20° E.

60.80

Spur, projects N. 10° E.

80.02

The cor. of secs. 8, 9, 16 and 17.

Land, rolling.

Soil, gravelly.

Timber, none; undergrowth, blackbrush, sagebrush, spanish bayonet and sparse grass.

General Description

Chains

Township 40 North, Range 11 West of the Gila and Salt River Meridian, Arizona, is a rough mountainous country, falling on the top and slopes of Seegmiller Mountain. The elevation ranges from about 4100 ft. in the northerly portion to 5300 ft. above sea level in the south central portion.

There is a heavy growth of juniper and pinon in the southwest portion, gradually thinning into sagebrush, black brush and grass upon reaching the northerly slopes.

An unimproved road know as the Sunshine Trail, traverses through the northeast corner of the township. There are several other unimproved roads leading to water reservoirs throughout the township.

The township is primarily used for the grazing of stock.

BOOK 4513

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

| NAMES | CAPACITY |
|--------------------|-----------------------|
| Craig P. Sylvester | Transitman |
| LeRoy N. McCulley | Rear Chainman - Notes |
| Boyd S. Owens | Front Chainman |
| Vergean Porter | Axeman |
| Dee Von Thompson | Flagman |
| Darwin Turner | Axeman - Cornerman |
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CERTIFICATE OF CADASTRAL ENGINEER

I, Paul K. Russell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of September, 1954, I have surveyed the West Boundary and a Portion of the Subdivision of T. 40 N., R. 11 W.

Gila and Salt River of the 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.

July 12, 1956 Salt Lake City, Utah

Paul K. Russell Paul K. Russell Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT, Washington, D. C., NOV 26 1956, 19

The foregoing field notes of the survey of the West Boundary and a Portion of the Subdivision of T. 40 N., R. 11 W., Gila and Salt River Meridian,

executed by Paul K. Russell, Cartographic Survey Aid 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.

Cadastral Engineering Staff Officer