

61

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the

Survey

of the

East $3\frac{1}{2}$ Miles of the South Boundary

and the

East and West Boundaries of Section 32

of

Township 42 North, Range 5 East

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Donald E. Harding, Cadastral Surveyor

Under special instructions dated August 16, 1954, which provided
for the surveys included under Group No. 293, approved August 20, 1954
and assignment instructions dated November 20, 1956

Survey commenced December 14, 1956

Survey completed January 17, 1957

4536

BOOK 4536

INDEX DIAGRAM

Township 42 North, Range 5 East

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

Township 42 North, Range 5 East

Chains

The north bdy. (Arizona-Utah State Line) was surveyed by H. B. Carpenter in 1901 and resurveyed by Andrew Nelson and Elliot Bird in 1917. The west bdy. was surveyed by Wakeman and Wier in 1936. The west $2\frac{1}{2}$ miles of the south bdy. were surveyed by Kinsey, Wakeman, Wier, and Greene in 1937. The survey of the east bdy. was provided for under T. 42 N., R. 6 E.; however, it was physically impossible to survey this bdy.

For the test of the equipment and methods used, see the notes for T. 41 N., R. 6 E. of this group.

The following [redacted] field notes are those of the survey of the east $3\frac{1}{2}$ miles of the south bdy. and the east and west bdys. of section 32.

The geographic position of the SE. cor. of the township is, latitude $36^{\circ} 59' 27''$ N. and longitude $111^{\circ} 47' 58.54''$ W. The mean magnetic declination is 15° E.

Survey of the East $3\frac{1}{2}$ Miles of the South Bdy., T. 42 N., R. 5 E.

From the true point for the cor. of Ts. 41 and 42 N., Rs. 5 and 6 E.

The following topography was scaled from U. S. Geological Survey quadrangle sheet.

N. $89^{\circ} 59'$ W., bet. secs. 1 and 36.

Over cliffs and ledges on S. side of Paria River.

Asc. 100 ft. along face of cliff facing N.

- 6.00 Rocky point, projects N.; desc. 140 ft.
- 14.00 Wash in canyon, drains N.; asc. 240 ft. over cliffs facing NE.
- 22.00 Rocky point, projects N.; desc. 220 ft. into Paria River bottom.
- 25.70 Enter river, water 50 lks. wide, 3 ft. deep, flows NE.; thence, asc. up river bottom.
- 37.50 Leave river on S. side; asc. 480 ft. over vertical cliff.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 1 and 36, as determined by triangulation.
- Set an iron post, 14 ins. long, 1 in. diam., with a brass tablet, $3\frac{1}{4}$ ins. diam., $3\frac{1}{2}$ ins. stem, riveted in top of pipe 6 ins. in drill hole, in solid rock, with brass tablet mkd.

T42N R5E
 $\frac{1}{4}$ S 36
 S 1
 T41N
 1956

from which

A cross (X) 6 ins. long, 1 in. deep, with letters BO in solid sandstone, bears South, 121 lks. dist.

Asc. 50 ft. over NE. slope, by chaining.

- 46.00 Low spur, slopes N.; desc. 50 ft. over NW. slope.

Survey of the East 3½ Miles of the South Bdy., T. 42 N., R. 5 E.

Chains	
51.50	<p>Top of cliff, bears NE. and SW.; desc. 400 ft. into the Paria River.</p> <p>The following topography is by scaling from U. S. Geological Survey quadrangle sheet.</p>
70.40	<p>Paria River, water 60 lks. wide, 2 ft. deep, flows NE.; asc. 240 ft. over cliff facing SE.</p>
80.00	<p>Point for the cor. of secs. 1, 2, 35 and 36, not monumented.</p> <p>Land, mountainous. Soil, sandy clay. Timber, none; undergrowth, sparse grass.</p>
	<p>N. 89° 59' W.; bet. secs. 2 and 35.</p> <p>The following topography is by scaling from U. S. Geological Survey quadrangle sheet.</p> <p>Asc. 300 ft. over broken SE. slope.</p>
22.50	<p>Foot of cliff, bears NE. and SW.; asc. 500 ft.</p>
37.60	<p>Top of cliffs; asc. 60 ft. over SE. slope.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 2 and 35, determined by triangulation.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground, in a mound of stone to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42N R5E ¼ <u>S 35</u> S 2 T41N 1957</p> </div> <p>Thence by chaining.</p>
42.70	<p>Rim rock, bears N. 80° W. and S. 80° E.; desc. 70 ft. over SSW. slope.</p>
47.50	<p>Top of cliff, bears N. 80° W. and S. 80° E.; desc. 610 ft.</p>
64.70	<p>Small wash at base of cliff, drains S. on curve from NW.; asc. 130 ft. over sandy E. slope.</p>
70.30	<p>Blow sand spur, slopes S.; desc. 40 ft. over SW. slope.</p>
80.00	<p>Point for the cor. of secs. 2, 3, 34 and 35.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T42N R5E <u>S 34 S 35</u> S 3 S 2 T41N 1957</p> </div> <p>deposit a sandstone, 5x5x2 ins., mkd. with a cross (X) at the base of the post for witness.</p> <p>Land, mountainous. Soil, sandy clay. Timber, very scattered cedars. Undergrowth, fair grass.</p>

Survey of the East $3\frac{1}{2}$ Miles of the South Bdy., T. 42 N., R. 5 E.

Chains

N. $89^{\circ} 59'$ W., bet. secs. 3 and 34.

Over nearly level ground on N. edge of Paria Canyon.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 3 and 34.

Set an iron post, 14 ins. long, 1 in. diam., with a brass tablet $3\frac{1}{4}$ ins. diam., $3\frac{1}{2}$ ins. stem, riveted in top of pipe 6 ins. in drill hole, in solid rock, with brass tablet mkd.

T42N R5E
 $\frac{1}{4}$ $\frac{S\ 34}{S\ 3}$
 T41N
 1957

This point is 2 chs. north of the edge of the cliff into the Paria River.

60.80 Small low sand spur, slopes S.; desc. 160 ft. over W. slope.

77.80 Edge of cliff, bears NW. and SE.; desc. 90 ft. over ledges facing SW.

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., over cross (X) cut in solid rock, in a mound of stone to top, with brass cap mkd.

T42N R5E
 $\frac{S\ 33}{S\ 4}$ | $\frac{S\ 34}{S\ 3}$
 T41N
 1957

Land, nearly level.

Soil, sandy.

Timber, none; undergrowth, fair grass.

N. $89^{\circ} 59'$ W., bet. secs. 4 and 33.

Over cliffs and ledges on the Paria River, with topography as scaled from U. S. Geological Survey quadrangle sheet.

Desc. 200 ft. over cliffs and ledges facing SW.

3.00 Wash in canyon, drains S.; asc. 180 ft. over ledges facing SE.

13.50 Rocky point, slopes SSW.; desc. 460 ft. over cliffs and ledges facing SW.

21.00 Paria River with water 60 lks. wide, 2 ft. deep, flows SE.; asc. 900 ft. over cliffs and ledges facing ENE.

40.04 True point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 33. The witness cor. bears West, 35 lks. dist., and is monumented with a 1 in. iron post, set, mkd. and witnessed as described in the official record.

Land, mountainous.

Soil, sandy.

Timber, scattered cedars.

Undergrowth, fair grass.

Survey of a Portion of the Subdivision, T. 42 N., R. 5 E.

Chains

From the cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the Tp., which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

N. 0° 03' W., bet. secs. 32 and 33.

Desc. 220 ft. over NW. slope, through scattered undergrowth.

36.40 S. edge of breaks into Paria River Canyon; desc. 55 ft. over NE. slope.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 32 and 33.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

T42N R5E
 $\frac{1}{4}$
 S 32 | S 33
 1956

from which

A juniper, 10 ins. diam., bears S. 61° E., 57 lks. dist., mkd. $\frac{1}{4}$ S33 BT.

A juniper, 12 ins. diam., bears S. 20 $\frac{1}{2}$ ° W., 61 lks. dist., mkd. $\frac{1}{4}$ S32 BT.

Desc. 120 ft. over NE. slope.

47.60 Small wash, drains N. 70° E.

50.40 Low sandy spur, slopes E.; desc. 80 ft. over NE. slope.

59.35 Point selected for the witness closing cor. of secs. 32 and 33.

Set a brass tablet, 3 $\frac{1}{4}$ ins. diam., 3 $\frac{1}{2}$ ins. stem, in cement in a drill hole, in solid rock, with the top mkd.

UTAH
 W C
 S 32 | S 33
 C C
 T42N R5E
 1956

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

59.60 Intersect the Arizona-Utah State Line.

True point for the closing cor. of secs. 32 and 33, T. 42 N., R. 5 E falls on sloping side of solid sandstone outcropping, impossible to monument.

From above true point, the witness 120 mile cor. of the Arizona-Utah State Line bears N. 33° 34' W., 15.30 chs. dist.

Land, partly mountainous.
 Soil, sandy clay.
 Timber, scattered cedar.
 Undergrowth, scattered Mormon tea, sagebrush and fair grass.

Survey of a Portion of the Subdivision, T. 42 N., R. 5 E.

Chains

From the cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., which is monumented with an iron post, set, mkd. and witnessed as described in the official record.

N. $0^{\circ} 03'$ W., bet. secs. 31 and 32.

Desc. 120 ft. over rolling W. slope.

22.50 Wash, 10 lks. wide, 6 ins. deep, drains NE.; desc. 50 ft. over NE. slope.

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

Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, with brass cap mkd.

T42N R5E
 $\frac{1}{4}$
 S 31 | S 32
 1956

deposit a sandstone, $5\frac{1}{2} \times 3$ inc. mkd. with a cross (X) at the base of the post for witness.

Asc. 110 ft. over ESE. slope.

52.20 E. edge of sand rock knoll with spur, slopes E.; desc. 115 ft. over NE. slope.

59.43 Intersect the Arizona-Utah State Line.

Point for the closing cor. of secs. 31 and 32.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground, in a mound of stone to top, with brass cap mkd.

UTAH
 S 31 | S 32
 T42N | R5E
 C C
 1956

From above intersection point, the 119 mile cor. of the Arizona-Utah State Line bears S. $89^{\circ} 49'$ W., 8.44 chs. dist.

Land, rolling.

Soil, sandy.

Timber, scattered cedar.

Undergrowth, scattered Mormon tea, sagebrush, and fair grass.

General Description

This fractional township is high table land covered with scattered cedars and pinon and with good grass. There is no permanent water, as it is impossible to enter the Paria River Canyon. The only revenue derived is from grazing. There are no roads and no one living within the boundaries of this township.

CERTIFICATE OF CADASTRAL ENGINEER

I, Donald E. Harding, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 16th day of August, 1954, I have surveyed the east 3 1/2 miles of the south boundary and the east and west boundaries of section 32 of Township 42 North, Range 5 East.

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
August 14, 1957

Donald E. Harding
Donald E. Harding, Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., DEC 30 1957, 19

The foregoing field notes of the survey of the east 3 1/2 miles of the south boundary, and the east and west boundaries of section 32 of Township 42 North, Range 5 East.

executed by Donald E. Harding, Cadastral Surveyor
having been critically examined and found correct, are hereby approved.

James O. Clement
Acting 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