

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF THE

SURVEY OF THE NORTH TWO MILES OF THE EAST BOUNDARY

AND

EXTENSION SURVEY OF THE SUBDIVISION

OF

TOWNSHIP 40 NORTH, RANGE 8 EAST

AND A

SURVEY OF A PORTION OF THE PAGE TOWNSITE BOUNDARY

AND

THE MEANDERS OF A PORTION OF THE COLORADO RIVER

~~AS DETERMINED BY PHOTOGAMMETRIC PROCESSES~~

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

Robert C. Yundt, Cadastral Surveyor (Chief of Party)

Boyd S. Owens, Cadastral Surveyor

Under special instructions dated January 22, 1959, which provided
for the surveys included under Group No. 333, approved January 22, 1959
and assignment instructions dated January 28, 1959

Survey commenced February 18, 1959

Survey completed June 5, 1959

BOOK 4561

INDEX DIAGRAM

Township 40 North, Range 8 East

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

Township 40 North, Range 8 East

Chains

The west boundary was surveyed by W. E. Heister in 1927 and the north three miles of the west boundary were resurveyed by B. J. Kinsey in 1937. The west four miles of the north boundary, or Tenth Standard Parallel North, and those sections located north of the Colorado River in T. 40 N., R. 8 E. of the Gila and Salt River Meridian, Arizona were surveyed by B. J. Kinsey and B. E. Wakeman in 1937.

The following field notes are those of an extension survey of the subdivision, a survey of the northern two miles of the east boundary and the subdivision of section 1. The survey is being made at the request of the U. S. Bureau of Reclamation in order to define the limits of the Federal Reservation adjacent to the Glen Canyon Dam. The extension survey consists of a completion of sections 8 and 9, and the survey of sections 1, 2, 3, 10, 11 and 12. The south boundary of sections 10, 11 and 12 is established due east from the southeast corner of section 9, with corners at regular intervals of 40 chains and the corner of sections 7, 12, 13 and 18 at 240 chains. From this corner the east boundary was surveyed north on true line to an intersection with the standard parallel. The survey of the sections in the northeast corner of the township was then made in the regular manner. Part of the townsite of Page, Arizona is located in the northern half of section 1, and this section was subdivided in order to locate this boundary line. The meanders of the Colorado River were determined by photogrammetric processes and the distances across the river were measured by the use of tellurometers.

The survey was executed with W. and L. E. Gurley solar transit No. 541332, the property of the U. S. Bureau of Land Management and constructed in accordance with their standard specifications. The horizontal plate of the instrument is provided with two double verniers placed opposite to each other and graduated to thirty seconds of arc. The instrument has a full vertical circle, with one double vernier graduated to single minutes of arc. Since the solar attachment was not used on this assignment no description of it will be included. The instrument was in good condition and prior to the beginning of the field work it was tested and found free from error. It was maintained in good adjustment throughout the field work.

The measurements were made either by chaining or by the use of tellurometers. The chains used were Chicago steel ribbon tapes, eight chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of ten links. They were tested by comparison with standard steel tapes, one chain in length and found to be correct. The chaining was done on the slope, the vertical angle of each interval determined by use of clinometers or the transit, and the slope distances properly reduced to horizontal equivalents for use in the final notes. The tellurometers used were made by Tellurometer (PTY) Ltd. of Cape Town, Union of South Africa, and are the property of the Bureau of Land Management. The tellurometer distances were measured on the slope, the vertical angle determined by the use of a transit, and the slope distances properly reduced to horizontal equivalents for use in the final notes.

The geographic position of the corner of sections 7, 12, 13 and 18, Tps. 40 N., Rs. 8 and 9 E., determined from ties made to U. S. Coast and Geodetic Survey stations Lee East Base, Manson and Antelope as follows: Latitude $36^{\circ} 52' 27.7''$ N. and longitude $111^{\circ} 28' 41.0''$ W. The mean magnetic declination was found to be 15° East.

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

The witness cor. of secs. 7, 8, 17 and 18, T. 40 N., R. 8 E. is mkd. by an iron post, 2 ins. diam., firmly set in a large mound of stone conforming to the official record, and from which the U. S. Coast and Geodetic Survey station Lee East Base, mkd. by a bronze tablet conforming to the record, bears $N. 69^{\circ} 34' 58''$ W., 2.196 chs. dist.

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains	<p>Beginning at the true point for the cor. of secs. 7, 8, 17 and 18, from which the above witness cor. bears West 10.00 chs. dist.</p> <p>N. 89° 51' E., bet. secs. 8 and 17.</p> <p>Over rough and broken sandstone ledges, through widely scattered timber and scant undergrowth; desc. 550 ft. over an abrupt SE. slope over ledges.</p>
10.13	Mean high water on the right bank of the Colorado River; bank bears SW. and NE.; meander cor. is inaccessible.
39.80	True point for the ¼ sec. cor. of secs. 8 and 17 falls in the river.
48.75	Mean high water mark on the right bank of the Colorado River; bank bears S. 60° E. and N. 60° W.; cont. along broken S. slope over vertical ledges facing S.; meander cor is inaccessible.
79.60	<p>True point for the cor. of secs. 8, 9, 16 and 17, from which its witness cor. bears N. 0° 01' E., 9.68 chs. dist., mkd. by bronze tablet conforming to the record.</p> <p>Land, rough and broken slopes of barren sandstone. Soil, patches of light sand in pockets, Timber, scrub juniper and willow. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
<p>Beginning at the true point for the cor. of secs. 8, 9, 16 and 17.</p> <p>S. 89° 47' E., bet. secs. 9 and 16.</p> <p>Over broken sandstone ledges bordering the Colorado River, through widely scattered timber and scant undergrowth; along a general S. slope.</p>	
2.00	Right bank of the Colorado River, bears NE. and SW.; meander cor. is inaccessible, and no witness cor. can be established within limits.
9.45	Left bank of river, bears NE. and SW., meander cor. inaccessible; asc. 1,250 ft. over sandstone ledges facing SW.
30.06	<p>Cement a bronze tablet, 3½ ins. diam., with a 3 ins. stem in a hole drilled into solid rock, at the witness meander cor. of secs. 9 and 16, with top mkd.</p> <div style="text-align: center;"> <p>T40N R8E</p> <p>S9</p> <p>WMC ———</p> <p>S16</p> <p>1958</p> </div> <p>Cont. over rolling sandstone bedrock.</p>
39.96	<p>At the ¼ sec. cor. of secs. 9 and 16.</p> <p>Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in a hole drilled into solid rock, with brass cap mkd.</p> <div style="text-align: center;"> <p>T40N R8E</p> <p>¼ S 9</p> <p>S16</p> <p>1959</p> </div>

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains

Raise a mound of stone N. of the post.

Cont. over rolling and broken land.

79.92 At a point 40.00 chs. S. 0° 02' W. of the original $\frac{1}{4}$ sec. cor. of secs. 9 and 10, mkd. by a bronze tablet conforming to the official record,

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in a hole drilled into solid rock, at the cor. of secs. 9, 10, 15 and 16, with top mkd.

T40N R8E

S 9 | S10

S16 | S15

1959

Land, rough and broken ledges bordering the Colorado River.
Soil, shallow sand.

Timber, widely scattered juniper and willows.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

East, bet. secs. 10 and 15.

Over rolling bench land, through widely scattered timber and medium dense undergrowth.

6.00 Wash, 2 chs. wide, 3 ft. deep, drains N.

40.00 At the $\frac{1}{4}$ sec. cor. of secs. 10 and 15.Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 15 ins. in the ground to solid rock, in a mound of stone, with brass cap mkd.

T40N R8E

 $\frac{1}{4}$ S10

S15

1958

57.10 Shallow wash, drains N.

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

Set a bronze tablet, on solid surface rock, 3 $\frac{1}{2}$ ins. diam., with a 3 ins. stem in a hole drilled into solid rock, with top mkd.

T40N R8E

S10 | S11

S15 | S14

1959

Raise a mound of stone W. of iron post.

Land, rolling sandstone benchland.

Soil, rocky sand, exposed sandstone bedrock and low sandstone ledges.

Timber, scrub juniper.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

East, bet. secs. 11 and 14.

Over rolling land, through widely scattered timber and scant undergrowth.

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains	
14.90	Shallow wash, drains N. 30° W.
40.00	At the $\frac{1}{4}$ sec. cor. of secs. 11 and 14. Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, in a mound of stone, with brass cap mkd. T40N R8E $\frac{1}{4}$ S11 S14 1959 Raise a mound of stone N. of iron post.
52.45	Power line, bears N. 24° 30' E. and S. 24° 30' W.
58.75	U. S. Highway No. 189, bears N. 24° 30' E. and S. 23° W. on curve.
80.00	At the cor. of secs. 11, 12, 13 and 14, Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. T40N R8E S11 S12 S14 S13 1959 Raise a mound of stone W. of the iron post. Land, rolling desert. Soil, gravelly sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
40.00	East, bet. secs. 12 and 13. Over rolling land, through widely scattered timber and medium dense undergrowth. At the $\frac{1}{4}$ sec. cor. of secs. 12 and 13, Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. T40N R8E $\frac{1}{4}$ S12 S13 1959 Deposit broken glass at the base of the iron post.
80.00	At the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp. On barren sandstone, cement a bronze tablet, 3 $\frac{1}{2}$ ins. diam., 3 ins. stem, in a hole drilled into solid rock, with top mkd. T40N R8E R9E S12 S 7 S13 S18 1959 Raise a mound of stone W. of the post. Land, rolling desert. Soil, gravelly sand.

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains

Timber, scrub juniper.
Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Survey of a Portion of the East Boundary, T. 40 N., R. 8 E.

Beginning at the cor. of secs. 7, 12, 13 and 18, Tps. 40 N., Rs. 8 and 9 E.

Thence

North, bet. secs. 7 and 12.

Over rolling land, through widely scattered timber and medium dense undergrowth.

39.80 On barren sandstone, cement a bronze tablet, $3\frac{1}{2}$ ins. diam., with a 3 ins. stem, in a hole drilled into solid rock, at the witness $\frac{1}{4}$ sec. cor. of secs. 7 and 12, with brass cap mkd.

T40N
WC
R8E R9E
 $\frac{1}{4}$
S 7 | S 12
1959

Raise a mound of stone W. of the tablet.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls upon steeply sloping sandstone where the monument cannot be perpetuated.

44.00 Shallow wash, drains N. 30° E.

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

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

T40N
R8E R9E
S 1 | S 6
S 12 | S 7
1959

Raise a mound of stone W. of the post.

Land, rolling desert.

Soil, gravelly sand.

Timber, scrub juniper.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

North, bet. secs. 1 and 6.

Over rolling land, through widely scattered timber and medium dense undergrowth.

40.00 At the $\frac{1}{4}$ sec. cor. of secs. 1 and 6, on the S. bdy. of Page Townsite.

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

Survey of a Portion of the East Boundary, T. 40 N., R. 8 E.

Chains	<p>P TS T40N R8E R9E $\frac{1}{4}$ S1 S6 1959</p> <p>Deposit broken glass at the base of the iron post.</p>
75.50	Wash, drains N. from SE.
80.00	<p>Intersect the Tenth Standard Parallel North at a point 15.46 chs. W. of the standard cor. of Tps. 41 N., Rs. 8 and 9 E., mkd. by an iron post, 2½ ins. diam., firmly set in the ground and conforming to the record of the survey of T. 41 N., R. 8 E.</p> <p>At the point of intersection, in a wash draining N.,</p> <p>Set an iron post, 20 ins. long, 1 in. diam., 10 ins. in a hole drilled into solid rock, in a mound of stone, at the closing cor. of secs. 1 and 6, with brass cap mkd.</p> <p>T41N R8E S31 S1 S6 R8E R9E T40N CC 1959</p> <p>Land, rolling desert. Soil, gravelly sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
Extension Survey of the Subdivision of T. 40 N., R. 8 E.	
	<p>Beginning at the cor. of secs. 11, 12, 13 and 14.</p> <p>Thence</p> <p>N. 0° 03' E., bet. secs. 11 and 12.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p>
40.00	<p>At the $\frac{1}{4}$ sec. cor. of secs. 11 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p>T40N R8E $\frac{1}{4}$ S11 S12 1959</p> <p>Raise a mound of stone W. of the iron post.</p>
49.60	U. S. Highway No. 189, bears N. 24° E. and S. 24° W.
64.65	Power line, parallel to highway.
80.00	<p>At the cor. of secs. 1, 2, 11 and 12,</p> <p>On barren sandstone, cement a bronze tablet, 3½ ins. diam., with a 3 ins. stem, in a hole drilled into solid rock, with top mkd.</p>

Extension Survey of the Subdivision of T. 40 S., R. 8 E.

Chains

T40N R8E

S2 | S1

S11 | S12

1959

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

Land, rolling desert.

Soil, sand, exposed sandstone bedrock and low sandstone ledges.

Timber, scrub juniper.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Beginning at the cor. of secs. 1, 6, 7 and 12 on the E. bdy. of the Tp.

Thence

S. 89° 58' W., bet. secs. 1 and 12.

Over rolling land, through medium dense undergrowth.

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

On barren sandstone, set an iron post, 15 ins. long, 1 in. diam., 9 ins. in a hole drilled into solid rock, with brass cap mkd.

T40N R8E

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

S12

1959

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

65.90 U. S. Highway No. 189, bears N. 24° E. and S. 24° W.

73.00 Power line, parallel to the highway.

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

Land, rolling desert.

Soil, sand, exposed sandstone bedrock, and low sandstone ledges.

Timber, none.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

N. 0° 03' E., bet. secs. 1 and 2.

Over rolling land, through widely scattered timber and medium dense undergrowth.

40.00 At the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, on the SW. cor. of Page Townsite,Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

P TS

T40N R8E

 $\frac{1}{4}$

S2 | S1

1959

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

Cont. along the W. bdy. of the Townsite.

79.96 Intersect the Tenth Standard Parallel North at a point 15.33 chs. W.

BOOK 4561

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains

of the standard cor. of secs. 35 and 36, mkd. by an iron post, 1 in. diam., conforming to the record of the survey of T. 41 N., R. 8 E.

At the point of intersection,

On barren sandstone, cement a bronze tablet, $3\frac{1}{2}$ ins. diam., with a 3 ins. stem in a hole drilled into solid rock, at the closing cor. of secs. 1 and 2, with top mkd.

T41N R8E

S35

S2|S1

T40N R8E

C C

1959

Raise a mound of stone S. of the tablet.

Land, rolling desert.

Soil, sand, exposed sandstone bedrock, and low sandstone ledges.

Timber, scrub juniper.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Establishment of the $\frac{1}{4}$ Sec. Cor. on N. Bdy. of Sec. 1,
T. 40 N., R. 8 E.

At a point 40.00 chs. E. of the closing cor. of secs. 1 and 2, and at a point 15.33 chs. W. of the standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 41 N., R. 8 E., mkd. by an iron post, $2\frac{1}{2}$ ins. diam., conforming to the record of the survey of T. 41 N., R. 8 E.,

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

$\frac{1}{4}$ S1

T40N R8E

1959

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

Extentsion Survey of the Subdivision of T. 40 N., R. 8 E.

Beginning at the cor. of secs. 10, 11, 14 and 15.

Thence

N. $0^{\circ} 03'$ E., bet. secs. 10 and 11.

Over broken land, through medium dense undergrowth.

3.65 On the edge of the upper rim overlooking the Colorado River Canyon,

Cement a bronze tablet, $3\frac{1}{2}$ ins. diam., with a 3 ins. stem, in a hole drilled into solid rock, at the witness meander cor. of secs. 10 and 11 on the left bank of the river, with the top mkd.

WMC

S10|S11

T40N R8E

1959

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains

Raise a mound of stone S. of the tablet.

Desc. 1,450 ft. along a broken NW. slope over ledges.

19.94 Mean high water mark on the left bank of the Colorado River, bears NE. and SW., thence along the river.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 10 and 11 falls in Colorado River.
46.63 Mean high water mark on the left bank of the river, bears NW. and SE.; asc. 1,475 ft. over a broken SW. slope over ledges.

66.13 On the edge of the upper rim of the Colorado River Canyon bearing NW. and SE.,

Cement a bronze tablet, $3\frac{1}{2}$ ins. diam., with a 3 ins. stem, in a hole drilled into solid rock, at the witness meander cor. of secs. 10 and 11, on the left bank of the river, with top mkd.

T40N R8E
S10 | S11

WMC
1959

Raise a mound of stone N. of the tablet.

Cont. over broken and rolling land facing SW.

80.00 At the cor. of secs. 2, 3, 10 and 11,

Set an iron post, 15 ins. long, 1 in. diam., 9 ins. in a hole drilled into solid rock, with brass cap mkd.

T40N R8E
S3 | S2
S10 | S11
1959

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

Land, rough and broken sandstone ledges.

Soil, shallow sand, exposed sandstone bedrock and sandstone ledges.

Timber, none.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Beginning at the cor. of secs. 1, 2, 11 and 12.

Thence,

West, bet. secs. 2 and 11.

Over rolling land, through widely scattered timber and medium dense undergrowth.

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

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

T40N R8E
 $\frac{1}{4}$ S 2
S11
1959

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

At the cor. of secs.

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains 80.02	<p>The cor. of secs. 2, 3, 10 and 11.</p> <p>Land, rolling desert. Soil, light sand, exposed sandstone bedrock and low sandstone ledges. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>Beginning at the true point for the cor. of secs. 3, 4, 9 and 10, at a point 9.00 chs. E. of the witness cor. of said secs., monumented by a brass cap, 3½ ins. diam., as described in the official record. Thence</p> <p>East, bet. secs. 3 and 10.</p> <p>Over rough and broken land, through scattered timber and medium dense undergrowth; desc. 305 ft. over broken E. slope over ledges.</p>
10.25	<p>Mean high water mark on the right bank of the Colorado River, falls on inaccessible sandstone ledge where the meander cor. monument cannot be established; thence across river.</p>
20.18	<p>Mean high water mark on the left bank of the river falls on inaccessible sandstone ledge where the meander cor. monument cannot be established; asc. 765 ft. over broken W. slope over ledges.</p>
26.90	<p>On the upper rim of the river canyon bearing NE. and SW.</p> <p>Set an iron post, 20 ins. long, 1 in. diam., 8 ins. in a hole drilled into solid rock, surrounded by a mound of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T40N R8E WMC $\frac{S\ 3}{S10}$ 1959</p> </div> <p>Raise a mound of stone E. of the iron post.</p> <p>Cont. over rolling and broken land sloping NW.</p>
31.50	<p>Sandstone spur, projects SW. about 10 chs. to end; cont. over rolling land.</p>
40.00	<p>At the ¼ sec. cor. of secs. 3 and 10, on barren rock.</p> <p>Cement a brass tablet, 3½ ins. diam., with a 3 ins. stem, in a hole drilled into solid rock, with top mkd.</p> <div style="text-align: center;"> <p>T40N R8E ¼ $\frac{S3}{S10}$ 1959</p> </div> <p>Raise a mound of stone N. of the iron post.</p>
67.50	<p>Sandstone box canyon, 10 chs. wide, 350 ft. deep, drains S. 60° W.</p>
80.00	<p>The cor. of secs. 3, 4, 9 and 10.</p> <p>Land, rough and broken sandstone slopes. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains

N. 0° 03' E., bet. secs. 2 and 3.

Over broken land, through widely scattered timber and medium dense undergrowth; desc. 405 ft. along a broken NW. slope over ledges.

14.00 Draw, drains SW.; asc. 415 ft. along broken SW. slope over ledges.

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

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in a hole drilled into solid rock, with brass cap mkd.

T40N R8E

 $\frac{1}{4}$

S3|S2

1959

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

56.06 On the edge of the upper rim of the left bank of the Colorado River,

On bedrock, cement a bronze tablet, 3 $\frac{1}{2}$ ins. diam., with a 3 ins. stem in a hole drilled into solid rock, at the witness meander cor. of secs. 2 and 3, with top mkd.

WMC

S3|S2

T40N R8E

1959

Raise a mound of stone S. of the tablet.

Desc. 1,395 ft. over precipitous N. slope over ledges.

64.75 Mean high water mark on the left bank of the river, bears E. and W.; thence across river; point falls on inaccessible ledge.

71.96 Mean high water mark on the right bank of the river falls on inaccessible ledge; asc. 1,415 ft. over precipitous S. slope over ledges.

79.93 Intersect the Tenth Standard Parallel North at a point 15.34 chs. W. of the true point for the standard cor. of secs. 34 and 35, T. 41 N., R. 8 E., which is 0.20 chs. S. 0° 01' E. of witness cor., mkd. by a bronze tablet, 3 $\frac{1}{2}$ ins. diam., conforming to the record of the 1937 survey of that township. The closing cor. falls on inaccessible sandstone ledge and a witness cor. is established at a point N. 0° 03' E., 0.67 chs. dist., at which point,

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in a hole drilled into solid rock, with brass cap mkd.

T41N R8E

S34

S3|S2

T40N R8E

WCC

1959

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

From this witness cor. the witness standard cor. of secs. 34 and 35, T. 41 N., R. 8 E., bears S. 88° 10' 40" E., 15.347 chs. dist.

Land, rough and broken sandstone slopes bordering the river.

Soil, light sand in pockets.

Timber, juniper on the slopes, willows in the bottom.

Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Extension Survey of the Subdivision of T. 40 N., R. 8 E.

Chains

Beginning at the cor. of secs. 9, 10, 15 and 16.

Thence

N. 0° 02' E., bet. secs. 9 and 10.

Over broken land, through widely scattered timber and medium dense undergrowth.

11.64

On the edge of the upper rim of the left bank of the Colorado River, on barren sandstone, cement a bronze tablet, 3½ ins. diam., with a 3 ins. stem, in a hole drilled into solid rock, at the witness meander cor. of secs. 9 and 10, with top mkd.

WMC
S 9 | S10
T40N R8E
1959

Raise a mound of stone S. of the tablet.

Desc. 1,345 ft. over an abrupt N. slope over ledges.

25.65

Mean high water mark on the left bank of the Colorado River, bearing E. and W., falls upon steeply sloping sandstone ledge where the cor. monument cannot be perpetuated.

31.60

Mean high water mark on the right bank of the river, bears E. and W., falls upon steeply sloping sandstone bedrock where the cor. monument cannot be perpetuated; asc. 1,295 ft. over an abrupt S. slope over ledges.

40.00

The original ¼ sec. cor. of secs. 9 and 10, mkd. by a bronze tablet cemented in solid rock and conforming to the official record.

Land, rough and broken sandstone slopes.
Soil, light sand in pockets.
Timber, scrub juniper on the slopes.
Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Subdivision of Section 1, T. 40 N., R. 8 E.

Beginning at the ¼ sec. cor. of secs. 1 and 12.

Thence,

N. 0° 03' W., along the North-South Center Line of sec. 1.

Over rolling land, through widely scattered timber and medium dense undergrowth.

40.00

Intersect the East-West Center Line of sec. 1, ; and the S. bdy. of Page Townsite.

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

P TS
T40N R8E
C¼
+
S1
1959

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

Subdivision of Section 1, T. 40 N., R. 8 E.

Chains	
55.35	U. S. Highway No. 189, bears N. 24° E. and S. 24° W.
65.55	Power line, parallel to highway.
79.96	The $\frac{1}{4}$ sec. cor. of sec. 1 on the N. bdy. of the Tp. Land, rolling desert. Soil, gravelly sand, exposed sandstone bedrock and sandstone ledges. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	Beginning at the $\frac{1}{4}$ sec. cor. of secs. 1 and 6 on the E. bdy. of the Tp. Thence N. 89° 59' W., along the East-West Center Line of sec. 1. Over rolling land, through widely scattered timber and medium dense undergrowth, along the S. bdy. of Page Townsite.
39.90	The Center $\frac{1}{4}$ sec. cor. of sec. 1.
47.15	U. S. Highway No. 189, bears N. 24° E. and S. 24° W.
52.50	Power line, parallel to highway.
79.90	The $\frac{1}{4}$ sec. cor. of secs. 1 and 2. Land, rolling desert. Soil, gravelly sand, exposed sandstone bedrock and sandstone ledges. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	Meanders of the Colorado River, T. 40 N., R. 8 E. As Determined by Photogrammetric Processes
	Beginning at the true point for the meander cor. on the right bank of the Colorado River, on the S. bdy. of sec. 35, T. 41 N., R. 8 E., right which is witnessed West 0.11 chs. dist. by an iron post, as described in the field notes of the survey of that township. Thence with the meanders of the right bank of the Colorado River, downstream in sec. 2. Along a rough and broken sandstone ledge. S. 40° 00' W., 6.50 chs. S. 65° 00' W., 7.50 chs. N. 89° 00' W., 14.10 chs. S. 88° 00' W., 19.90 chs. N. 86° 55' W., 11.00 chs. The true point for the meander cor. of secs. 2 and 3, not monumented. Land, rough and broken sandstone ledges. Soil, shallow sand in pockets in barren sandstone. Timber, willows. Undergrowth, small willows and tamarisk.

Meanders of the Colorado River, T. 40 N., R. 8 E.

Chains

Thence in sec. 3.

Along broken sandstone ledges.

N. 89° 45' W., 11.49 chs.

S. 77° 45' W., 10.40 chs.

N. 67° 00' W., 3.60 chs.

S. 79° 15' W., 4.00 chs. At 2.10 chs. a draw enters the river from the NW.

S. 38° 00' W., 5.47 chs.

S. 71° 45' W., 6.10 chs.

S. 34° 30' W., 4.90 chs.

S. 13° 45' W., 14.40 chs. At 4.50 chs. Ferry Swale enters the river from the N. 60° W.

S. 1° 00' W., 7.70 chs.

S. 3° 15' E., 13.40 chs.

S. 34° 30' W., 12.50 chs.

S. 60° 15' W., 13.50 chs.

S. 42° 00' W., 11.00 chs. The true point for the meander cor. of secs. 3 and 10, not monumented.

Land, rough and broken sandstone slopes.

Soil, light sand in pockets in the rock.

Timber, none.

Undergrowth, small willows and tamarisk.

Thence in sec. 10.

Along rough and broken sandstone slopes.

S. 15° 30' W., 4.60 chs.

S. 14° 41' E., 5.80 chs.

S. 5° 51' E., 4.00 chs.

S. 46° 35' E., 11.65 chs.

S. 66° 10' E., 9.70 chs.

S. 74° 22' E., 15.25 chs.

S. 80° 28' E., 25.03 chs.

S. 53° 15' E., 11.25 chs.

S. 28° 33' E., 5.85 chs.

S. 12° 24' W., 7.50 chs.

S. 57° 34' W., 13.51 chs.

S. 85° 23' W., 11.90 chs.

Meanders of the Colorado River, T. 40 N., R. 8 E.

Chains

N. 77° 16' W., 14.75 chs.

N. 67° 21' W., 21.90 chs.

N. 85° 39' W., 20.03 chs. The true point for the meander cor. of secs. 9 and 10, not monumented.

Land, rough and broken slopes of sandstone.

Soil, shallow light sand in pockets.

Timber, none.

Undergrowth, small willows and grass.

Thence in sec. 9.

Along a broken sandstone slope.

N. 89° 51' W., 8.14 chs.

S. 77° 44' W., 34.25 chs.

S. 65° 17' W., 13.65 chs.

S. 55° 30' W., 16.25 chs.

S. 48° 18' W., 14.19 chs. The true point for the meander cor. of secs. 9 and 16, not monumented.

Land, rough and broken sandstone slopes.

Soil, shallow sand in pockets.

Timber, none.

Undergrowth, small willows and grass.

Beginning at the true point for the meander cor. of secs. 8 and 17, on the right bank of the Colorado River, at 48.75 chs. N. 89° 51' E. of the true point for the cor. of secs. 7, 8, 17 and 18.

Thence with meanders of the right bank of the river downstream in sec. 8.

Along a rough and broken bank, over sandstone ledges.

N. 60° 20' W., 8.86 chs.

N. 86° 08' W., 24.00 chs.

S. 57° 15' W., 7.63 chs.

S. 15° 50' W., 2.05 chs. The true point for the meander cor. of secs. 8 and 17 at 10.13 chs. E. of the true point for the cor. of secs. 7, 8, 17 and 18, not monumented.

Land, rough and broken slopes of sandstone.

Soil, light sand.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

Beginning at the standard meander cor. of sec. 35, T. 41 N., R. 8 E., on the left bank of the Colorado River, mkd. by an iron post, 2½ ins. diam., firmly set in the ground, conforming to the record of the survey of T. 41 N., R. 8 E. of this group.

Meanders of the Colorado River, T. 40 N., R. 8 E.

Chains

Thence with meanders of the left bank of the Colorado River downstream through sec. 2.

Along a rough and broken bank, with sandstone ledges, through a medium dense undergrowth.

S. 42° 07' W., 15.50 chs.

S. 71° 01' W., 12.38 chs.

S. 88° 12' W., 13.77 chs.

N. 89° 37' W., 26.58 chs.

N. 81° 13' W., 3.73 chs. The true point for the meander cor. of secs. 2 and 3, which is witnessed S. 0° 03' W., 8.69 chs. dist. by a bronze tablet, previously described.

Land, rough and broken sandstone slopes.

Soil, light sand in pockets.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

Thence in sec. 3.

Over broken sandstone ledges, through medium dense undergrowth.

S. 85° 19' W., 17.25 chs.

N. 89° 30' W., 6.75 chs.

S. 73° 08' W., 7.81 chs.

S. 33° 56' W., 7.31 chs.

S. 16° 54' W., 10.25 chs.

S. 1° 12' W., 20.15 chs.

S. 26° 29' W., 10.20 chs.

S. 42° 05' W., 11.69 chs.

S. 49 36° W., 11.28 chs. The true point for the meander cor. of secs. 3 and 10, which is witnessed East 6.72 chs. dist by an iron post, previously described.

Land, rough and broken sandstone slopes.

Soil, light sand in pockets.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

Thence in sec. 10.

Along a broken sandstone ledge, through medium dense undergrowth.

S. 28° 36' W., 7.70 chs.

S. 0° 10' E., 5.50 chs.

S. 24° 55' E., 4.88 chs.

S. 55° 29' E., 5.90 chs.

S. 79° 34' E., 10.88 chs.

DOOR 1001

Meanders of the Colorado River, T. 40 N., R. 8 E.

Chains

S. 88° 54' E., 27.31 chs. At 20.70 chs. on this course a draw enters the river from the north.

S. 77° 40' E., 14.85 chs.

S. 33° 37' E., 6.45 chs.

S. 11° 19' E., 2.35 chs. The true point for the meander cor. of secs. 10 and 11 at 46.63 chs., N. 0° 03' E. of the cor. of secs. 10, 11, 14 and 15.

Land, rough and broken sandstone ledges.

Soil, shallow light sand.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

Thence in sec. 11.

Along a broken sandstone ledge, through medium dense undergrowth.

S. 37° 07' E., 10.00 chs.

S. 14° 52' E., 5.13 chs.

S. 15° 39' W., 8.28 chs.

S. 41° 37' W., 7.74 chs. The true point for the meander cor. of secs. 10 and 11 at 19.94 chs., N. 0° 03' E. of the cor. of secs. 10, 11, 14 and 15, which is witnessed S. 0° 03' W., 16.29 chs. dist. by a bronze tablet prev. described.

Land, rough and broken sandstone slopes.

Soil, light sand.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

Thence in sec. 10.

Along broken sandstone slopes, through medium dense undergrowth.

S. 63° 02' W., 7.75 chs.

S. 72° 47' W., 12.63 chs.

N. 86° 27' W., 14.95 chs.

N. 74° 57' W., 16.88 chs.

N. 68° 56' W., 11.85 chs.

N. 79° 45' W., 19.06 chs. The true point for the meander cor. of secs. 9 and 10, which is witnessed S. 0° 02' W., 14.01 chs. dist. by a bronze tablet previously described.

Land, rough and broken sandstone ledges.

Soil, shallow light sand.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

Meanders of the Colorado River, T. 40 N., R. 8 E.

Chains

Thence in sec. 9.

Along rough and broken sandstone ledges, through medium dense undergrowth.

N. 78° 31' W., 4.65 chs.

S. 82° 03' W., 32.53 chs.

S. 64° 17' W., 21.06 chs.

S. 49° 19' W., 19.44 chs. The true point for the meander cor. of secs. 9 and 16, which is witnessed S. 89° 47' E., 20.61 chs. dist. by a bronze tablet, previously described.

Land, rough and broken sandstone slopes.

Soil, light sand.

Timber, none.

Undergrowth, small willows, sagebrush and grass.

General Description

That portion of the township covered by the present survey lies in the desert area just east of the Glen Canyon of the Colorado. The land close to the river is very rough and broken, with impassable sandstone walls from seven hundred to nine hundred feet high. Farther back the surface develops into a rolling desert.

The soil is a light sand, deep in the flat areas and shallow near the river. The only trees to be found are scrub juniper of no particular value except for firewood. The undergrowth is largely sagebrush, with lesser amounts of bitter brush, cactus, amole, weeds and grass, and affords grazing for a limited number of Navajo sheep.

U. S. Highway No. 189 cuts diagonally through sections 1, 11 and 12, and the north half of section 1 is within the townsite area of Page, Arizona.

CERTIFICATE OF CADASTRAL ENGINEER

I, Boyd S. Owens, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of January, 1959, I have surveyed the north two miles of the east boundary and made extension survey of the subdivision of T. 40 N., R. 8 E., and a survey of a portion of the Page Townsite boundary

of the Gila & Salt Riv. 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 6, 1959

Boyd S. Owens
Boyd S. Owens
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., _____, 19____

The foregoing field notes of the survey of _____

executed by _____

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

Cadastral Engineering Staff Officer.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 40 N., R. 8 E., G.&S.R.M., Ariz., is a true copy of the original field notes.

Cadastral Engineering Staff Officer.

CERTIFICATE OF CADASTRAL ENGINEER

I, Robert C. Yundt, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 22nd day of January, 1959
supervised the survey of
I have ~~surveyed~~ the north two miles of the east boundary and made the extension survey
of the subdivision of T. 40 N., R. 8 E. and a portion of the Page Townsite boundary
and the meanders of the Colorado River ~~as determined by photogrammetric processes~~;

of the ~~Gila & Salt River~~ Meridian, in the State of Arizona, which are
under my supervision
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 6, 1959

Robert C. Yundt
Robert C. Yundt
Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., SEP 14 1959, 19

The foregoing field notes of the survey of the north two miles of the east boundary and
extension survey of the subdivision of T. 40 N., R. 8 E. and a survey of a portion
of the Page Townsite boundary, G. & S. R. M., Arizona, and meanders of the Colorado
River as determined by photogrammetric processes;

executed by Boyd S. Owens, Cadastral Surveyor, under the supervision of Robert C.
Yundt, Cadastral Surveyor (Chief of Party)
having been critically examined and found correct, are hereby approved.

James B. 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 T. 40 N.,
R. 8 E., G. & S. R. M., Ariz., is a true copy of the original field notes.

Cadastral Engineering Staff Officer.