

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF THE SURVEY OF

A PORTION OF THE TENTH STANDARD PARALLEL NORTH IN R. 9 E.,

A PORTION OF THE SUBDIVISION OF

TOWNSHIP 41 NORTH, RANGE 9 EAST

AND A PORTION OF THE PAGE ARIZONA TOWNSITE,

A RETRACEMENT OF A PORTION OF THE SUBDIVISIONAL LINES

AND

THE MEANDERS OF A PORTION OF THE COLORADO RIVER

~~AS DETERMINED BY PHOTOGRAMMETRIC PROCESSES~~

Of the Gila and Salt River Meridian,

In the State of Arizona

## EXECUTED BY

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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 April 29, 1959

Survey completed June 5, 1959

BOOK 4564

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## Township 41 North, Range 9 East

## Chains

The portion of T. 41 N., R. 9 E., Gila and Salt River Meridian, Arizona, lying north of the Colorado River was surveyed by B.J. Kinsey in 1937.. The following field notes are those of an extension survey of part of the township on the south side of the river, sufficient in extent to cover the exchange land now a part of the Federal reservation at the Glen Canyon Dam, and was formerly a part of the Navajo Indian Reservation. The town of Page, Arizona occupies all of secs. 29, 31 and 32 and parts of secs. 19, 20 and 30, and a partial subdivision of section survey was made in the latter sections in order to define the townsite boundary. The survey was made at the request of the U. S. Bureau of Reclamation to identify the lands used in connection with the construction of the Glen Canyon Dam.

The survey was executed with a W. and L. E. Gurley solar transit, No. 541332, being the property of the Bureau of Land Management and constructed in accordance with their standard instrumental 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. It has a full vertical circle with one double vernier graduated to single minutes. Since the solar attachment was not used on this assignment, no description of it will be included here. The instrument was in good condition, and prior to the beginning of the field work, it was tested and all errors corrected. It was maintained in good adjustment throughout the field work. The bearings of the lines of the survey were determined by angles turned from the U. S. Coast and Geodetic Survey stations Manson, Antelope, Beehive North Base and Beehive South Base. The necessary refinement for use on the subdivisional and townsite work was secured by the method of repeating angles and the bearings verified by stellar observations. The bearings of the lines of the cadastral survey and the townsite boundaries are given in the terms of their geographic values, and the distances are in chains. The major part of the townsite had already been surveyed by the Bureau of Reclamation and many of the plats recorded. This survey was based upon the Arizona Plane Coordinate System, Central Zone, and all bearings are grid bearings and the distances and coordinates are in feet at a base elevation of thirty-five hundred feet above sea level. The data contained on these plats was thoroughly verified, the monuments checked and the grid bearings and the distances in feet will be used on the final plats. The meanders of the Colorado River were determined by photogrammetric processes.

The measurements were made either by chaining or by the use of tellurometers, the latter being used in all river crossings. The chains used on the cadastral and townsite boundary survey were Chicago steel ribbon tapes, 8 chains in length. These tapes are graduated every link for the first chain and thereafter at intervals of 10 links. The chains used on the townsite survey were Chicago steel tapes, 100 and 300 feet in length. They are graduated at each foot throughout their entire length, with an additional foot at the head end graduated to hundredths of a foot. All tapes used were tested by comparison with a standard steel tape, 66 ft. in length, and found to be correct. The measurements were made on the slope, the vertical angle of each interval determined by the use of clinometers or the transit, and the slope distances properly reduced to horizontal equivalents for use in the final record. On the townsite survey, spring balances were used to insure the proper tension on the tapes, and the correction for temperature was applied. 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. Prior to their use on this survey they were tested in the field, and the indicated distance obtained by their use between the U. S. Coast and Geodetic Survey stations Beehive North Base and Beehive South Base was found to agree with that reported by the survey. The tellurometer distances are 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 these notes.

Township 41 North, Range 9 East

Chains	<p>The geographic position of the standard corner of secs. 33 and 34, T. 41 N., R. 9 E., determined from ties made to U. S. Coast and Geodetic Survey stations Manson and Antelope, is as follows: Latitude 36° 54' 12.1" N. and longitude 111° 25' 13.4" W. The mean magnetic declination was found to be 15° E.</p>
	<p>Survey of a Portion of the Tenth Standard Parallel North in R. 9 E.</p>
	<p>Beginning at 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. of this group; from which station Manson of the U. S. Coast and Geodetic Survey bears N. 17° 45' 30" E., 48.59 chs. dist. Also the intersection of 7th Avenue and Aspen streets in Page, Arizona, bears N. 59° 10' 25" E., 68.142 chs. dist.</p> <p>East, along the S. bdy. of sec. 31, in Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p>
23.89	<p>From this point, the SW. cor. of the Page cemetery bears N. 30° 41' E., 4.915 chs. dist.</p>
40.30	<p>Point for the standard ¼ sec. cor. of sec. 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div>S C T41N R9E ¼ S31 1959</div> <p>Raise a mound of stone N. of iron post.</p>
80.30	<p>Point for the standard cor. of secs. 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div>S C T41N R9E S31 S32 1959</div> <p>Raise a mound of stone N. of iron post.</p> <p>Land, rolling desert. Soil, deep light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>East, along the S. bdy. of sec. 32, in Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p>
6.40	<p>Graded graveled road, Copper Mine Road, bears NW. and SE.</p>
31.35	<p>Power line, bears N. 34° 45' W. and S. 34° 45' E.</p>
32.40	<p>Narrow flat topped spur on S. end of Manson Mesa, projects S.; desc. along SE. slope.</p>

Survey of a Portion of the Tenth Standard Parallel North in R. 9 E.

Chains	
40.00	<p>Point for the standard <math>\frac{1}{4}</math> sec. cor. of sec. 32.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div>S C T41N R9E <math>\frac{1}{4}</math> S32 1959</div> <p>Raise a mound of stone N. of iron post.</p>
61.99	<p>The closing cor. of secs. 4 and 5, T. 40 N., R. 9 E., subsequently established at this point, and a cor. of the Page Townsite boundary, which bears S. and E.; continue along S. bdy. of townsite.</p>
80.00	<p>Point for the standard cor. of secs. 32 and 33, and a cor. of the Page Townsite boundary, which bears N. and W.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div>PTS S C T41N R9E S32   S33 1959</div> <p>Raise a mound of stone N. of iron post.</p> <p>Land, rolling desert. Soil, light sand, patches of exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>East, along the S. bdy. of sec. 33.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p>
40.00	<p>Point for the standard <math>\frac{1}{4}</math> sec. cor. of sec. 33.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div>S C T41N R9E <math>\frac{1}{4}</math> S33 1959</div> <p>Raise a mound of stone N. of iron post.</p>
80.00	<p>Point for the standard cor. of secs. 33 and 34.</p> <p>Set an iron post, 30 ins. long, <math>2\frac{1}{2}</math> ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div>S C T41N R9E S33   S34 1959</div> <p>Raise a mound of stone N. of iron post.</p>

Survey of a Portion of the Tenth Standard Parallel North in R. 9 E.

Chains	Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.
	From the standard cor. of secs. 33 and 34 on the S. bdy. of the township.  N. 0° 07' 30" E., bet. secs. 33 and 34.  Over rolling land, through widely scattered timber and medium dense undergrowth.
	40.00 Point for the ¼ sec. cor. of secs. 33 and 34.  Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.  T41N R9E ½ S33 S34 1959  Raise a mound of stone W. of iron post.
80.00	Point for the cor. of secs. 27, 28, 33 and 34.  Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.  T41N R9E S28 S27 S33 S34 1959  Raise a mound of stone W. of iron post.  Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	N. 0° 07' 30" E., bet. secs. 27 and 28.  Over rolling land, with exposed sandstone bedrock, through widely scattered timber and medium dense undergrowth.
	40.00 Point for the ¼ sec. cor. of secs. 27 and 28.  Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.  T41N R9E ½ S28 S27 1959  Raise a mound of stone W. of iron post.
	49.50 Fork of Antelope Creek in deep box canyon, drains NW.

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	
55.00	Sandstone point, projects W. about 3 chs. to end.
59.00	Fork of Antelope Creek in deep box canyon, drains S. 70° W.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.  Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. <div>T41N R9E S21 S22 S28 S27 1959</div> Raise a mound of stone W. of iron post.  Land, rolling desert, broken by sandstone box canyons. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
40.00	N. 0° 07' 30" E., bet. secs. 21 and 22.  Over rolling land, with exposed sandstone bedrock, through scattered timber and medium dense undergrowth.  Point for the ¼ sec. cor. of secs. 21 and 22.  Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd. <div>T41N R9E ¼ S21 S22 1959</div> Deposit broken glass at base of iron post.
80.47	At a point 80.00 chs. S. in latitude from the true point for the cor. of secs. 9, 10, 15 and 16, hereinafter described.  Point for the cor. of secs. 16 and 21 only.  Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in a hole drilled in solid rock, with brass cap mkd. <div>T41N R9E S16  S21  1959</div> Raise a mound of stone W. of iron post.  Land, rolling desert with numerous sandstone outcrops. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
40.00	N. 0° 07' 30" E., along the E. bdy. of sec. 16.  Over rolling land, with exposed sandstone bedrock, through scattered timber and medium dense undergrowth.  Point for the ¼ sec. cor. of sec. 16 only.

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div>T41N R9E ¼ S16 1959</div> <p>Deposit broken glass at base of iron post.</p>
67.42	<p>On the upper rim of the S. bank of the Colorado River Canyon, on barren sandstone</p> <p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in a hole drilled in solid rock, at the witness meander cor. of secs. 15 and 16, on the left bank of the river, with brass cap mkd.</p> <div><del>WMC</del> S16   S15 T41N R9E 1959</div> <p>Raise a mound of stone S. of iron post.</p> <p>Desc. 705 ft. over abrupt N. slope, over ledges.</p>
72.60	<p>Mean high water mark on the left bank of the Colorado River falls on steeply sloping sandstone ledge, where the meander cor. monument cannot be perpetuated; thence over river.</p>
80.00	<p>Point for the cor. of secs. 9, 10, 15 and 16 falls in river. The witness cor. of these sections bears N. 0° 02' E., 10.00 chs. dist. and is mkd. by a sandstone rock, 24x18x4 ins., firmly set in a mound of stone and conforming to the official record.</p> <p>At the cor. point</p> <p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in a hole drilled in solid rock, with brass cap mkd.</p> <div>T41N R9E S 9   S10 S16   S15 W C 1959</div> <p>Deposit the original cornerstone alongside the iron post.</p> <p>Rebuild mound of stone N. of post.</p> <p>Land, broken sandstone bench. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
40.00	<p>From the standard cor. of secs. 32 and 33 on the S. bdy. of the township, and a cor. of the Page Townsite boundary, which bears N. and W N. 0° 02' E., bet. secs. 32 and 33, and along the E.bdy. of the Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>Point for the ¼ sec. cor. of secs. 32 and 33, on the E. bdy. of the Page Townsite.</p>



Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p>T41N R9E PTS ¼ S32 S33 1959</p> <p>Raise a mound of stone W. of iron post.</p>
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33, on the E. bdy. of the Page Townsite.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p>T41N R9E PTS S29 S28 S32 S33 1959</p> <p>Raise a mound of stone W. of iron post.</p> <p>Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
40.055	<p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>West, bet. secs. 28 and 33.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>Point for the ¼ sec. cor. of secs. 28 and 33.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p>T41N R9E ¼ S28 S33 1959</p> <p>Raise a mound of stone N. of iron post.</p>
46.10	<p>Shallow wash, drains NE.</p>
80.11	<p>The cor. of secs. 28, 29, 32 and 33.</p> <p>Land, rolling desert, with exposed sandstone bedrock. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
40.00	<p>N. 0° 02' E., bet. secs. 28 and 29, along the E. bdy. of the Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>Point for the ¼ sec. cor. of secs. 28 and 29, on barren rock.</p>

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, with brass cap mkd.</p> <div>T41N R9E PTS <math>\frac{1}{4}</math> S29 S28 1959</div> <p>Raise a mound of stone W. of iron post.</p> <p>80.00 Point for the cor. of secs. 20, 21, 28 and 29, on the E. bdy. of the Page Townsite.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div>T41N R9E PTS <math>\frac{S20}{S29}</math> <math>\frac{S21}{S28}</math> 1959</div> <p>Deposit broken glass at base of iron post.</p> <p>Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>N. 89° 59' W., bet. secs. 21 and 28.</p> <p>Over broken bench land, through scattered timber and medium dense undergrowth; over patches of barren sandstone bedrock.</p> <p>5.10 Antelope Creek in box canyon, 5 ch. wide, 200 ft. deep, drains N. 15° W.</p> <p>38.10 Shallow wash, drains NE.</p> <p>40.12 Point for the ¼ sec. cor. of secs. 21 and 28.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div>T41N R9E <math>\frac{1}{4}</math> <math>\frac{S21}{S28}</math> 1959</div> <p>Raise a mound of stone N. of iron post.</p> <p>50.90 Shallow wash, drains NE.</p> <p>80.24 The cor. of secs. 20, 21, 28 and 29.</p> <p>Land, broken bench in E., rolling in W. Timber, scrub juniper. Soil, light sand. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>N. 0° 02' E., bet. secs. 20 and 21, along E. bdy. of Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth; desc. along N. slope.</p>
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 20 and 21, and a cor. of the Page Townsite, which bears S. and W.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div>T41N R9E <math>\frac{1}{4}</math> S20 S21 PTS 1959</div> <p>Deposit broken glass at base of iron post.</p>
80.69	<p>At a point 40.00 chs. E. of the original <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 20, hereinafter described.</p> <p>Point for the cor. of secs. 16, 17, 20 and 21.</p> <p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in a hole drilled in solid rock, with brass cap mkd.</p> <div>T41N R9E S17 S16 S20 S21 1959</div> <p>Raise a mound of stone W. of iron post.</p> <p>Land, broken bench, with exposed sandstone bedrock and low ledges. Soil, rocky sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
40.165	<p>From the cor. of secs. 16 and 21.</p> <p>N. 89° 51' W., bet. secs. 16 and 21.</p> <p>Over broken bench land, through scattered timber and medium dense undergrowth.</p> <p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 21.</p> <p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, with brass cap mkd.</p> <div>T41N R9E <math>\frac{1}{4}</math> S16 S21 1959</div> <p>Raise a mound of stone N. of iron post.</p>
48.70	<p>Antelope Creek in box canyon, 4 chs. wide, 300 ft. deep, drains in a general NW. direction.</p>
80.33	<p>The cor. of secs. 16, 17, 20 and 21.</p> <p>Land, broken bench, with exposed sandstone ledges. Soil, rocky sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>N. 0° 07' E., bet. secs. 16 and 17.</p> <p>Over broken land, through scattered timber and medium dense undergrowth.</p> <p>21.50 Antelope Creek in box canyon, 4 chs. wide, 300 ft. deep, drains NW.</p> <p>39.94 Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 16 and 17, at midpoint bet. the cor. of secs. 16, 17, 20 and 21 and the cor. of secs. 8, 9, 16 and 17.</p> <p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, with brass cap mkd.</p> <div><div>T41N R9E</div><div><math>\frac{1}{4}</math></div><div>S17 S16</div><div>1959</div></div> <p>Raise a mound of stone W. of iron post.</p> <p>79.88 Point for the cor. of secs. 8, 9, 16 and 17, established at a point 40.00 chs. E. of the true point for the <math>\frac{1}{4}</math> sec. cor. of secs. 8 and 17.</p> <p>Set an iron post, 30 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div><div>T41N R9E</div><div>S 8 S 9</div><div>S17 S16</div><div>1959</div></div> <p>Raise a mound of stone W. of iron post.</p> <p>Land, rough and broken bench. Soil, gravelly to rocky sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>From the true point for the cor. of secs. 9, 10, 15 and 16, which falls in the Colorado River, and from which the witness cor. bears N. 0° 02' E., 10.00 chs. dist.</p> <p>N. 89° 57' W., bet. secs. 9 and 16.</p> <p>7.38 Mean high water mark on the left bank of the Colorado River falls on steep sloping sandstone ledge, where the meander cor. cannot be monumented; asc. 695 ft. along steep NE. slope over ledges.</p> <p>15.89 On the upper rim of the Colorado River Canyon bearing NW. and SE.</p> <p>Set an iron post, 16 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, and the witness meander cor. of secs. 9 and 16, with brass cap mkd.</p> <div><div>S 9</div><div>S16</div><div>T41N R9E</div><div>WMC</div></div> <p>Raise a mound of stone W. of iron post.</p> <p>40.15 Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 9 and 16, on barren rock.</p> <p>Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, with brass cap mkd.</p> <div><div>T41N R9E</div><div><math>\frac{1}{4}</math> S 9</div><div>S16</div><div>1959</div></div>

## Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	Raise a mound of stone N. of iron post.
80.30	<p>The cor. of secs. 8, 9, 16 and 17.</p> <p>Land, broken bench, with exposed sandstone bedrock and ledges. Soil, rocky sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
38.20	<p>N. 0° 04' E., bet. secs. 8 and 9.</p> <p>Over broken land, through scattered timber and medium dense undergrowth.</p> <p>On the upper rim of the Colorado River Canyon bearing E. and W.</p> <p>Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, at the witness <math>\frac{1}{4}</math> sec. cor. of secs. 8 and 9, with brass cap mkd.</p> <div style="text-align: center;"> <p>W C T41N R9E <math>\frac{1}{4}</math> S 8   S 9 1959</p> </div> <p>Raise a mound of stone W. of iron post.</p> <p>Desc. abrupt N. slope over ledges.</p>
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 9 falls on an inaccessible N. slope of sandstone, where the monument cannot be perpetuated; continue descent over ledges.
42.07	Mean high water mark on the left bank of the Colorado River falls on inaccessible sandstone ledge, where the meander cor. cannot be established; thence across river.
47.62	Mean high water mark on the right bank of the river falls on inaccessible sandstone ledge, where the meander cor. cannot be established; asc. 735 ft. over an abrupt S. slope, over ledges.
52.00	Begin retracement of original survey made by B. J. Kinsey in 1937.
53.47	<p>On the upper rim of the Colorado River Canyon bearing N. 80° W. and S. 80° E.</p> <p>Cement a brass tablet, <math>3\frac{1}{2}</math> ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 8 and 9, with brass cap mkd.</p> <div style="text-align: center;"> <p>T41N R9E S 8   S 9 WMC 1959</p> </div> <p>Raise a mound of stone N. of tablet.</p> <p>Continue over broken bench.</p>
80.00	<p>The cor. of secs. 4, 5, 8 and 9, mkd. by an iron post, 2 ins. diam., conforming to the official record.</p> <p>Land, broken bench bordering the Colorado River. Soil, rocky sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, weeds and grass.</p>

Survey of a Portion of the Subdivision, T 41 N., R. 9 E.

Chains	<p>From the standard cor. of secs. 31 and 32 on the S. bdy. of the township.</p> <p>N. 0° 01' E., bet. secs. 31 and 32, in the Page Townsite.</p> <p>Over rolling land, through medium dense undergrowth; asc. along SW. slope.</p> <p>10.35 Graveled road, bears S.20°E. and N. 20° W.; Copper Mine Road.</p> <p>23.85 Recross road, bears NE. and S.20° W.</p> <p>31.45 Power line, bears S. 61° 45' E. and N. 61° 45' W.</p> <p>35.90 Rim of Manson Mesa, bears SE. and W.; continue over rolling top.</p> <p>40.00 Point for the ¼ sec. cor. of secs. 31 and 32, in the S. edge of the oiled portion of South Seventh Avenue, Page, Arizona.</p> <p>Set an iron post, 18 ins. long, 2½ ins. diam., 24 ins. in the ground, surrounded by cement, with brass cap mkd.</p> <div><div>¼</div><div>S31 S32</div><div>T41N R9E</div><div>1959</div></div> <p>Above the ¼ sec. cor. set a cast iron valve box, 18 ins. in diam., with a removable cover. Top of box is level with oiled surface of road.</p> <p>From this cor., the intersection of Seventh Avenue and Aqua streets bears N. 67° 36' 30" E., 11.179 chs. dist.; also station Tank (U.S.B.R.) bears S. 51° 06' 31" E., 19.744 chs. dist.</p> <p>40.40 Center line of South Seventh Avenue bears N. 72° 26' 24" E. and S. 71° 26'24" W.; enter occupied area of Page.</p> <p>58.35 South Navajo Drive, bears S. 53° W. and N. 53° E., on curve.</p> <p>72.05 Seventh Avenue, bears N. 37° 30' W. and S. 37° 30' E., on curve.</p> <p>78.55 Elm Street, bears N. 54° E. and S. 54° W.</p> <p>80.00 Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 30 ins. in the ground, surrounded by concrete, with brass cap mkd.</p> <div><div>T41N R9E</div><div>S30 S29</div><div>S31 S32</div><div>1959</div></div> <p>From this cor., the intersection of Seventh Avenue and Elm Streets bears S. 40° 34' 58" W., 5.092 chs. dist.</p> <p>Land, rolling desert.</p> <p>Soil, light sand.</p> <p>Timber, none.</p> <p>Undergrowth, sagebrush, blackbrush, mountain rush, weeds and cactus.</p>
14.00	<p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>N. 89° 59' 30" W., bet. secs. 29 and 32.</p> <p>Over rolling land, through medium dense undergrowth.</p> <p>Rim of Manson Mesa, bears N. 25° E. and S. 25° W.</p>

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	
32.50	Center of the S. end of the Page airstrip, graded.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 29 and 32.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.  <div>T41N R9E <math>\frac{1}{4}</math> <math>\frac{S29}{S32}</math> 1959</div> From this cor., station Mesa (U.S.B.R.) bears S. $51^{\circ} 50' 56''$ W., 21.20 chs. dist.
42.05	Graded road, bears N. $10^{\circ}$ W. and S. $10^{\circ}$ E.; enter occupied area in Page.
80.00	The cor. of secs. 29, 30, 31 and 32.  Land, rolling desert. Soil, light sand. Timber, none; undergrowth, sagebrush, blackbrush, cactus and mountain rush.
	N. $89^{\circ} 59' 30''$ W., bet. secs. 30 and 31.  Over rolling land, through medium dense undergrowth, in occupied part of Page, Arizona.
6.50	Seventh Avenue, bears N. $41^{\circ}$ W. and S. $41^{\circ}$ E., on curve.
17.60	North Navajo Drive, bears S. $52^{\circ} 45'$ W. and N. $52^{\circ} 45'$ E., on curve.
31.50	Vista Avenue, bears N. $22^{\circ} 30'$ E. and S. $22^{\circ} 30'$ W., on curve.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 30 and 31.  Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 30 ins. in the ground, surrounded by concrete, with brass cap mkd.  <div>T41N R9E <math>\frac{1}{4}</math> <math>\frac{S30}{S31}</math> 1959</div> Raise a mound of stone N. of iron post.  From this cor., the intersection of North Navajo Drive and Elm Streets bears S. $42^{\circ} 10' 29''$ W., 6.900 chs. dist.
53.35	Rim of Manson Mesa, bears SW. and NE.; desc. along NW. slope, leaving occupied area.
80.20	The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the township, mkd. by an iron post, $2\frac{1}{2}$ ins. diam., firmly set in the ground and conforming to the record of the survey of T. 41 N., R. 8 E. of this group.  Land, rolling desert. Soil, light sand. Timber, none; undergrowth, sagebrush, blackbrush, cactus and mountain rush.

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>From the cor. of secs. 29, 30, 31 and 32.</p> <p>N. 0° 01' E., bet. secs. 29 and 30.</p> <p>Over gently rolling land, in occupied area of Page, Arizona.</p>
15.30	<p>Leave occupied area; enter medium dense undergrowth.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 29 and 30.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 24 ins. in the ground, surrounded by concrete, with brass cap mkd.</p> <div>T41N R9E ¼ S30 S29 1959</div> <p>From this cor., station Trail (U.S.B.R.) bears N. 26° 39' 45" W., 2.341 chs. dist.</p>
80.00	<p>Point for the cor. of secs. 19, 20, 29 and 30.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 10 ins. in the ground to solid rock, surrounded by concrete, and in a mound of stone, with brass cap mkd.</p> <div>T41N R9E S19 S20 S30 S29 1959</div> <p>Land, rolling mesa top. Soil, light sand. Timber, none; undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>S. 89° 59' 30" W., bet. secs. 20 and 29.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p>
24.50	<p>Top of Manson Mesa, bears NW. and SE.; continue over rolling land.</p>
40.00	<p>Point for the ¼ sec. cor. of secs. 20 and 29.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, surrounded by concrete, with brass cap mkd.</p> <div>T41N R9E ¼ S20 S29 1959</div> <p>Raise a mound of stone N. of iron post.</p> <p>From this cor., the marker light at the NE.cor. of the runway of the Page airport bears S. 79° 39' W., 4.662 chs. dist. The runway is oiled, 4500 ft. long, 150 ft. wide, and bears S. 9° 55' E. and N. 9° 55' W.</p>
80.00	<p>The cor. of secs. 19, 20, 29 and 30.</p>



## Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains

Land, rolling desert.  
Soil, light sand.  
Timber, scrub juniper.  
Undergrowth, sagebrush, blackbrush, cactus, weeds and grass.

West, bet. secs. 19 and 30.

Over rolling land, through medium dense undergrowth; desc. over rolling W. slope, gradually leaving top of mesa.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 30.

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

T41N R9E

$\frac{1}{4}$   $\frac{S19}{S30}$   
1959

Deposit broken glass at base of iron post.

53.40 Construction road to damsite, oiled, bears NW. and SE. on curve.

60.00 Point for the W.  $\frac{1}{16}$  sec. cor. of secs. 19 and 30, at a point on the W. bdy. of the Page Townsite.

Set an iron post, 30 ins. long,  $2\frac{1}{2}$  ins. diam., 26 ins. in the ground, with brass cap mkd.

PTS T41N R9E  
W  $\frac{1}{16}$   $\frac{S19}{S30}$   
1959

Raise a mound of stone N. of iron post.

73.10 U. S. Highway 189, bears N.  $30^{\circ}$  W. and S.  $30^{\circ}$  E. on curve.

80.10 The cor. of secs. 19, 24, 25 and 30 on the W. bdy. of the township, mkd. by a brass tablet,  $3\frac{1}{2}$  ins. diam., conforming to the record of the survey of T. 41 N., R. 8 E. of this group.

Land, rolling desert.  
Soil, light sand.  
Timber, none; undergrowth, sagebrush, blackbrush, cactus, weeds and grass.

From the cor. of secs. 19, 20, 29 and 30.

N.  $0^{\circ} 01'$  E., bet. secs. 19 and 20.

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

16.00 Desc. over N. slope at N. edge of Manson Mesa.

40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 19 and 20, on the N. bdy. of the Page Townsite.

Set an iron post, 36 ins. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd.

## Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains

T41N R9E

 $\frac{1}{4}$ 

S19|S20

PTS

1959

Raise a mound of stone W. of iron post.

55.38 On the upper rim of the Colorado River Canyon bearing NW. and SE.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 19 and 20, with brass cap mkd.

WMC

S19|S20

T41N R9E

1959

Raise a mound of stone S. of iron post.

Desc. 750 ft. over an abrupt NE. slope, over ledges.

64.11 Mean high water mark on the left bank of the Colorado River falls on steep sloping sandstone ledge, where the meander cor. monument cannot be established; thence across river.

71.26 Mean high water mark on the right bank of the river falls on steep sloping sandstone ledge, where the meander cor. monument cannot be established; asc. 805 ft. over abrupt SW. slope, over ledges.

74.65 Begin retracement of survey made by B. J. Kinsey in 1937.

75.11 On the upper rim of the Colorado River Canyon bearing NW. and SE.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 19 and 20, with brass cap mkd.

T41N R9E

S19|S20

WMC

1959

Raise a mound of stone N. of iron post.

Asc. 75 ft. over broken SW. slope.

80.65 The original cor. of secs. 17, 18, 19 and 20, mkd. by a brass tablet firmly set in the rock and conforming to the official record.

Land, rough and broken slopes.

Soil, light sand, with exposed sandstone bedrock.

Timber, scrub juniper.

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

From the original  $\frac{1}{4}$  sec. cor. of secs. 17 and 20, mkd. by an iron post, 1 in. diam., conforming to the official record.

East, on retracement, bet. secs. 17 and 20.

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

8.23 On the upper rim of the Colorado River Canyon bearing NE. and SW.

## Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 17 and 20, with brass cap mkd.

T41N R9E  
 $\frac{S17}{S20}$  WMC  
 1959

8.55

Raise a mound of stone W. of iron post.  
 End of retracement, begin original survey.  
 Desc. 695 ft. along abrupt SE. slope, over ledges.

13.20

Mean high water mark on the right bank of the Colorado River falls on steep sloping sandstone ledge, where the meander cor. monument cannot be established; thence across river.

20.59

Mean high water mark on the left bank of the river falls on steep sloping sandstone ledge, where the meander cor. monument cannot be established; asc. 725 ft. along abrupt NW. slope, over ledges.

27.49

On the upper rim of the Colorado River Canyon, bearing N.  $10^{\circ}$  E. and SW.

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 17 and 20, with top mkd.

T41N  
 R9E  
 $\frac{S17}{S20}$  WMC  
 1959

Raise a mound of stone E. of tablet.

Continue over broken bench land.

40.00

The cor. of secs. 16, 17, 20 and 21.

Land, rough and broken sandstone slopes.  
 Soil, light sand, with exposed sandstone bedrock.  
 Timber, scrub juniper.  
 Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

From the cor. of secs. 17, 18, 19 and 20.

S.  $89^{\circ} 54'$  W., on retracement, bet. secs. 18 and 19.

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

9.79

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

Cement a brass tablet,  $3\frac{1}{2}$  ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 18 and 19, with top mkd.

T41N R9E  
 $\frac{S18}{S19}$  WMC  
 1959

Raise a mound of stone E. of tablet.

Desc. 715 ft. along an abrupt SW. slope, over ledges.

10.00

End of retracement; begin original survey.

## BOOK 4564

## Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	
19.62	Mean high water mark on the left bank of the Colorado River falls on steep sloping sandstone ledge, where the meander cor. monument cannot be established; thence across river.
30.37	Mean high water mark on the right bank of the river falls on steep sloping sandstone ledge, where the meander cor. monument cannot be established; asc. 745 ft. along an abrupt NE. slope, over ledges.
40.00	True point for the $\frac{1}{4}$ sec. cor. of secs. 18 and 19 falls upon an inaccessible sandstone ledge facing NE., where the cor. cannot be perpetuated.
43.54	On the upper rim of the Colorado River Canyon bears NW. and SE., on barren rock  Cement a brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness $\frac{1}{4}$ sec. cor. of secs. 18 and 19, with top mkd.  <div style="text-align: center;">           T41N R9E  <math>\frac{1}{4}</math> <math>\frac{S18}{S19}</math> WC            1959         </div> Raise a mound of stone N. of tablet.  Continue over broken land.
79.99	The cor. of secs. 18 and 19 on the W. bdy. of the township, mkd. by an iron post, 1 in. diam., firmly set and conforming to the record of the survey of T. 41 N., R. 8 E. of this group.  Land, rough and broken sandstone slopes. Soil, light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, mountain rush, cactus, weeds and grass.
	From the cor. of secs. 7, 8, 17 and 18, mkd. by an iron post, 2 ins. diam., firmly set and conforming to the official record.  East, on retracement bet. secs. 8 and 17.
34.34	The original witness $\frac{1}{4}$ sec. cor. of secs. 8 and 17, mkd. by an iron post, 1 in. diam., firmly set and conforming to the official record. The record distance to this monument is 33.34 chs.  East, on original survey, with continuous measurement.  Over broken land, through widely scattered timber and medium dense undergrowth; desc. 735 ft. along broken E. slope, over ledges.
36.19	Mean high water mark on the right bank of the Colorado River falls on steep slope of sandstone, where the meander cor. cannot be monumented; thence across river.
40.00	The $\frac{1}{4}$ sec. cor. of secs. 8 and 17 falls in river.
44.51	Mean high water mark on the left bank of the river falls on steep sloping sandstone ledge, where the meander cor. cannot be monumented; asc. 705 ft. over an abrupt W. slope, over ledges.
49.20	On the upper rim of the Colorado River Canyon bearing N. and S. $10^{\circ}$ E.  Cement a brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 8 and 17, with top mkd.

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<div>T41N R9E WMC   S 8         S17       1959</div> <p>Raise a mound of stone E. of tablet.</p> <p>80.00 The cor. of secs. 8, 9, 16 and 17.</p> <p>Land, rough and broken sandstone slopes. Soil, light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, mountain rush, cactus, weeds and grass.</p>
	<div>Subdivision of Sec. 30</div> <p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 30 and 31.</p> <p>N. 0° 01' E., along the N-S center line of sec. 30.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>40.00 Intersect the E-W center line of sec. 30, at the center <math>\frac{1}{4}</math> sec. cor. of sec. 30.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div>T41N R9E C <math>\frac{1}{4}</math> + S30 1959</div> <p>Raise a mound of stone W. of iron post.</p> <p>42.60 N. access road to Page, Arizona, bears E. and W.</p> <p>52.30 Construction road, oiled, bears NW. and SE.</p> <p>80.00 The <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 30.</p> <p>Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 29 and 30.</p> <p>West, along the E-W center line of sec. 30.</p> <p>Over rolling land, through scattered timber and medium dense undergrowth.</p> <p>21.30 Edge of Manson Mesa, bears N. and S.; desc. over rolling W. slope.</p> <p>31.80 N. access road to Page, Arizona, bears NW. and S. 10° E.</p> <p>40.00 The center <math>\frac{1}{4}</math> sec. cor. of sec. 30.</p> <p>60.00 Point for the center W. 1/16 sec. cor. of sec. 30, at a cor. of the Page Townsite boundary, which bears W, and N.</p>

BOOK 4564

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E

Chains	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div>T41N R9W W 1/16 C — C S30 1959</div> <p>Raise a mound of stone N. of iron post.</p> <p>Thence along the bdy. of the Page Townsite.</p> <p>65.30 U. S. Highway No. 189, bears NW. and S. on curve.</p> <p>80.15 The ¼ sec. cor. of secs. 25 and 30, on the W. bdy. of the township, mkd. by an iron post, 1 in. diam., conforming to the record of the survey of T. 41 N., R. 9 E., of this group.</p> <p>Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>From the center W. 1/16 sec. cor. of sec. 30.</p> <p>N. 0° 01' E., along the N-S center line of the NW¼ of sec. 30, and along the W. bdy. of the Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>3.30 North access road to Page, Arizona, bears E. and W.</p> <p>40.00 The W. 1/16 sec. cor. of secs. 19 and 30.</p> <p>Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>Subdivision of Sec. 19</p> <p>From the ¼ sec. cor. of secs. 19 and 30.</p> <p>N. 0° 01' E., along the N-S center line of sec. 19.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>40.00 Intersect the E-W center line of sec. 19, and the N. bdy. of the Page Townsite, at the center ¼ sec. cor. of sec. 19.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <div>T41N R9E C ¼ + S19 1959</div> <p>Deposit broken glass at base of iron post.</p>

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>From this cor., the witness <math>\frac{1}{4}</math> sec. cor. of secs. 18 and 19, which is established at a point 3.54 chs. S. <math>89^{\circ} 54'</math> W. of the true point, bears N. <math>4^{\circ} 58' 15''</math> W., 40.717 chs. dist.</p>
80.57	<p>Intersect the true point for the <math>\frac{1}{4}</math> sec. cor. of secs. 18 and 19.</p> <p>Land, rough and broken sandstone slopes. Soil, shallow light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 20.</p> <p>West, along the E-W center line of sec. 19, and along the N.bdy. of the Page Townsite.</p> <p>Over broken land, through scattered timber and medium dense undergrowth.</p>
40.00	<p>The center <math>\frac{1}{4}</math> sec. cor. of sec. 19.</p>
60.00	<p>Point for the center W. <math>1/16</math> sec. cor. of sec. 19, and a cor. of the Page Townsite bdy., which bears S. and E.</p> <p>Set an iron post, 14 ins. long, 1 in. diam., 14 ins. in the ground, surrounded by concrete, with brass cap mkd.</p> <div><div>T41N R9E</div><div>W 1/16</div><div>C-----C</div><div>S19 PTS</div><div>1959</div></div> <p>Raise a mound of stone N. of iron post.</p> <p>From this cor., station Antelope of the U.S. Coast and Geodetic Survey bears S. <math>3^{\circ} 07' 36''</math> E., 0.385 chs. dist.</p>
80.04	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 24 on the W. bdy. of the township, mkd. by an iron post, <math>2\frac{1}{2}</math> ins. diam., conforming to the record of the survey of T. 41 N., R. 8 E. of this same group.</p> <p>Land, rolling desert. Soil, light sandy clay. Timber, scrub juniper. Undergrowth, sagebrush, mountain rush, cactus, weeds and grass.</p>
	<p>From the W. <math>1/16</math> sec. cor. of secs. 19 and 30.</p> <p>N. <math>0^{\circ} 01'</math> E., along the N-S center line of the SW<math>\frac{1}{4}</math> of sec. 19.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p>
9.05	<p>Construction road, oiled, bears NW. and SE. on curve.</p>
40.00	<p>The center W. <math>1/16</math> sec. cor. of sec. 19.</p> <p>Land, rolling desert. Soil, light sandy clay. Timber, scrub juniper. Undergrowth, sagebrush, mountain rush, cactus, weeds and grass.</p>

Survey of a Portion of the Subdivision, T. 41 N., R. 9 E.

Chains	<p>Subdivision of Sec. 20.</p> <p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 20 and 29.</p> <p>N. <math>0^{\circ} 01' 30''</math> E., along the N-S center line of sec. 20.</p> <p>Over broken land, through widely scattered timber and medium dense undergrowth.</p> <p>10.40 N. rim of Manson Mesa, bears NW. and SE.; desc. along broken NE. slope.</p> <p>40.00 Intersect the E-W center line of sec. 20 and the N. bdy. of the Page Townsite, at the center <math>\frac{1}{4}</math> sec. cor. of sec. 20.</p> <p>Set an iron post, 36 ins. long, 1 in. diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T41N R9E C <math>\frac{1}{4}</math> + S20 PTS 1959</p> <p>Deposit broken glass at base of iron post.</p> <p>From this cor., the <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 20 bears N. <math>0^{\circ} 01' 30''</math> E. and the distance by triangulation is 40.67 chs. The line crosses the rough and broken slopes of Glen Canyon of the Colorado River, with inaccessible walls, and the establishment of the meander cors. is impractical.</p> <p>80.67 The <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 20.</p> <p>Land, broken in S., inaccessible breaks of the Colorado River in N. Soil, rocky, light sand, with exposed sandstone ledges and bedrock. Timber, scrub juniper. Undergrowth, sagebrush, mountain rush, cactus, weeds and grass.</p>
	<p>From the <math>\frac{1}{4}</math> sec. cor. of secs. 20 and 21, and the NE. cor. of the Page Townsite, from which the <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 20 bears N. <math>44^{\circ} 30' 40''</math> W.</p> <p>West, along the E-W center line of sec. 20, and the N. bdy. of the Page Townsite.</p>
40.00	<p>The center <math>\frac{1}{4}</math> sec. cor. of sec. 20.</p>
80.00	<p>The <math>\frac{1}{4}</math> sec. cor. of secs. 19 and 20.</p> <p>Land, rough and broken sandstone slopes. Soil, light sand, with exposed sandstone bedrock and ledges. Timber, scrub juniper. Undergrowth, sagebrush, mountain rush, cactus, weeds and grass.</p>
	<p>Meanders of Colorado River as determined by photogrammetric processes</p> <p>The true point for the meander cor. of secs. 9 and 10 on the right bank of the Colorado River, located at a point 4.43 chs. N. <math>0^{\circ} 02'</math> E. of the true point for the cor. of secs. 9, 10, 15 and 16 and 5.57 chs. S. <math>0^{\circ} 02'</math> W. of the witness cor. of those sections falls on inaccessible sandstone ledge where the monument cannot be perpetuated.</p> <p>Thence, with meanders of the right bank of the river in sec. 9, counting distance from the true meander cor.</p>



Meanders of the Right Bank of the Colordao River

Chains

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

N. 50° 34' W., 3.30 chs.

N. 61° 00' W., 34.03 chs.

N. 51° 48' W., 19.66 chs.

N. 79° 43' W., 8.89 chs.

N. 48° 32' W., 8.71 chs.

N. 73° 19' W., 17.70 chs.      The true point for the meander cor. of secs. 8 and 9, which is witnessed N. 0° 04° E., 5.85 chs. dist., by a brass tablet previously described.

Land, rough and broken sandstone slopes.

Soil, shallow light sand.

Timber, none; undergrowth, small willows, sagebrush, and grass.

Thence in sec. 8.

Along rough and broken bank, through medium dense undergrowth.

S. 80° 23' W., 18.09 chs.

S. 55° 22' W., 20.25 chs.

S. 37° 04' W., 8.61 chs.

S. 12° 48' W., 18.91 chs.

S. 0° 35' E., 7.78 chs.      The true point for the meander cor. of secs. 8 and 17, not monumented.

Land, rough and broken sandstone slopes.

Soil, shallow light sand.

Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.

Thence in sec. 17.

Along rough and broken bank, through medium dense undergrowth.

S. 19° 22' E., 9.15 chs.

S. 32° 20' E., 11.48 chs.

S. 16° 39' E., 17.82 chs.

S. 35° 30' E., 6.00 chs.

S. 2° 31' W., 12.35 chs.

S. 4° 19' E., 21.34 chs.

S. 16° 49' W., 6.37 chs.      The true point for the meander cor. of secs. 17 and 20, which is witnessed west, 4.97 chs. dist. by a brass tablet, previously described.

Land, rough and broken sandstone slopes.

Soil, shallow light sand.

Timber, none; undergrowth, small willows and iron wood, sagebrush and grass.

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## Meanders of the Right Bank of the Colorado River

## Chains

Thence in sec. 20.

Along rough and broken bank, through medium dense undergrowth.

S. 28° 54' W., 6.00 chs.

S. 51° 20' W., 13.20 chs.

S. 57° 05' W., 8.81 chs.

N. 65° 40' W., 12.00 chs.

N. 86° 20' W., 10.25 chs.

N. 73° 54' W., 11.90 chs. The true point for the meander cor. of secs. 19 and 20, which is witnessed N. 0° 01' E., 3.85 chs. dist. by a brass tablet, previously described.

Land, rough and broken sandstone slopes.

Soil, shallow light sand.

Timber, none; undergrowth, sagebrush, small willows, cactus and grass.

Thence in sec. 19.

Along rough and broken bank, through medium dense undergrowth.

N. 71° 04' W., 10.80 chs.

N. 58° 06' W., 11.07 chs. The true point for the meander cor. of secs. 18 and 19, which is witnessed N. 89° 54' E., 9.83 chs. dist. by a brass tablet previously described.

Land, rough and broken sandstone slopes.

Soil, shallow light sand.

Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.

Thence in sec. 18.

Along rough and broken bank, through medium dense undergrowth.

N. 49° 13' W., 17.30 chs.

N. 66° 02' W., 20.80 chs.

N. 52° 30' W., 21.75 chs.

N. 72° 08' W., 11.64 chs. The true point for the meander cor. of secs. 13 and 18 on the W. bdy. of the township, not monumented.

Land, rough and broken sandstone ledges.

Soil, shallow light sand.

Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.

## Meanders of the Left Bank of the Colorado River

From the true point for the meander cor. of secs. 15 and 16 on the left bank of the Colorado River, which is witnessed S. 0° 07' 30" W., 5.18 chs. dist. by an iron post, previously described.

Thence, with the meanders of the left bank of the river in sec. 16.

Along rough and broken bank, through medium undergrowth.

Meanders of the Left Bank of the Colorado River

Chains	<p>N. 44° 50' W., 10.44 chs.    The true point for the meander cor. of secs. 9 and 16, which is witnessed N. 89° 57' W., 8.51 chs. dist., by an iron post, previously described.</p> <p>Land, rough and broken sandstone slopes. Soil, shallow light sand. Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>
	<p>Thence in sec. 9.</p> <p>Along rough and broken bank, through medium dense undergrowth.</p> <p>N. 55° 04' W., 10.63 chs.</p> <p>N. 35° 30' W., 5.88 chs.</p> <p>N. 65° 51' W., 14.17 chs.</p> <p>N. 60° 39' W., 12.62 chs.</p> <p>N. 53° 12' W., 19.67 chs.</p> <p>N. 63° 41' W., 13.37 chs.</p> <p>N. 80° 18' W., 9.22 chs.    The true point for the meander cor. of secs. 8 and 9, not monumented.</p> <p>Land, rough and broken sandstone ledges. Soil, shallow light sand. Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>
	<p>Thence in sec. 8.</p> <p>Along rough and broken bank, through medium dense undergrowth.</p> <p>S. 89° 34' W., 7.63 chs.</p> <p>S. 70° 33' W., 14.10 chs.</p> <p>S. 35° 27' W., 19.65 chs.</p> <p>S. 13° 32' W., 13.81 chs.</p> <p>S. 0° 07' E., 7.87 chs.    The true point for the meander cor. of secs. 8 and 17, which is witnessed east, 4.69 chs. dist. by an iron post, previously described.</p> <p>Land, rough and broken sandstone ledges. Soil, shallow light sand. Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>
	<p>Thence in sec. 17.</p> <p>Along rough and broken bank, through medium undergrowth.</p> <p>S. 21° 30' E., 51.60 chs.</p> <p>S. 4° 35' W., 11.50 chs.    At 2.00 chs., Antelope Creek enters the river from S. 80° E.</p> <p>S. 20° 55' E., 3.75 chs.</p> <p>S. 11° 24' W., 17.25 chs.    The true point for the meander cor. of secs. 17 and 20, which is witnessed east, 6.90 chs. dist., previously described.</p>

Meanders of the Left Bank of the Colorado River

Chains	<p>Land, rough and broken sandstone ledges. Soil, shallow light sand. Timber; none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>
	<p>Thence in sec. 20.</p> <p>Along rough and broken bank, through medium dense undergrowth.</p> <p>S. 21° 16' W., 9.80 chs.</p> <p>S. 49° 22' W., 11.90 chs.</p> <p>S. 74° 40' W., 8.32 chs.</p> <p>S. 77° 56' W., 11.32 chs.</p> <p>N. 83° 31' W., 23.20 chs.</p> <p>N. 69° 00' W., 6.30 chs.    The true point for the meander cor. of secs. 19 and 20, which is witnessed S. 0° 01' W., 8.73 chs. dist., by an iron post, previously described.</p> <p>Land, rough and broken sandstone ledges. Soil, shallow light sand. Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>
	<p>Thence in sec. 19.</p> <p>Along rough and broken bank, through medium undergrowth.</p> <p>N. 57° 55' W., 5.25 chs.</p> <p>S. 88° 59' W., 5.00 chs.</p> <p>N. 56° 41' W., 25.07 chs.    The true point for the meander cor. of secs. 18 and 19, not monumented.</p> <p>Land, rough and broken sandstone ledges. Soil, shallow light sand. Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>
	<p>Thence in sec. 18.</p> <p>Along rough and broken bank, through dense undergrowth.</p> <p>N. 48° 16' W., 10.50 chs.</p> <p>N. 57° 22' W., 13.85 chs.</p> <p>N. 50° 40' W., 34.85 chs.    The true point for the meander cor. of secs. 13 and 18 on the W. bdy. of the township, which is witnessed S. 0° 04' 30" E., 5.33 chs. dist., by a brass tablet, 3½ ins. diam., as described in the field notes of T. 41 N., R. 8 E., surveyed concurrently under this same group.</p> <p>Land, rough and broken sandstone slopes. Soil, shallow light sand. Timber, none; undergrowth, small willows, sagebrush, cactus, weeds and grass.</p>

Township 41 North, Range 9 East

Chains

General Description

That portion of T. 41 N., R. 9 E. covered by the present survey lies in the desert area east and south of the Glen Canyon of the Colorado. The land along the river is very rough and broken and consists mainly of barren sandstone. The canyon itself is from 700 to 900 ft. deep and has precipitous walls. Farther back from the river the land becomes rolling and has several nearly level mesas. The soil is a light sand, very shallow along the rims and deeper on the mesa tops. The timber is a scrub juniper of no commercial value. The undergrowth is mainly sagebrush, with lesser amounts of cactus, bitter brush, weeds and grass. Except for the river there is no living water in the township.

The townsite of Page, Arizona occupies all of secs. 29, 31 and 32 and parts of secs. 19, 20 and 30. The town itself is built on Manson Mesa, and the major part is in sec. 31, but it also extends into secs. 29, 30 and 32. The townsite was surveyed by the U. S. Bureau of Reclamation, and is based upon the Arizona Plane Coordinate System, Central Zone. All data shown upon the plats are derived from the assigned values of station Antelope of the U. S. Coast and Geodetic Survey, and are computed for an elevation of thirty-five hundred ft. above sea level. The bearings shown are grid bearings. All street intersections are monumented by brass tablets, 3½ ins. diam., set in concrete, and are placed approx. 1 ft. below the surface of the roadway. They are covered by a valve box cover with a removable top and are readily accessible. The lot corners are monumented by iron pipes about ¾ in. diam. and 14 ins. long and are set about 1 foot below the surface of the ground. A major part of the townsite is already occupied and all of the streets covered with blacktop. The Page City Cemetery is located in the southeast quarter of the southwest quarter of sec. 31. The Page Airport is located in the central part of sec. 29. It has a hard-surfaced runway, 4500 ft. in length and 150 ft. wide, with a double taxiway and parking area on the west side. U.S. Highway 189 cuts through the western portion of secs. 19 and 30 on a curve.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

[illegible]

## CERTIFICATE OF CADASTRAL ENGINEER

We  
 X, Boyd S. Owens and Virgil E. Spratt, HEREBY CERTIFY upon honor that, in  
 pursuance of special instructions bearing date of the 22nd day of January, 1959,  
 we  
 I have surveyed a portion of the Tenth Standard Parallel North in R. 9 E., a portion  
of the subdivision of T. 41 N., R. 9 E., a portion of the Page Arizona Townsite,  
retraced a portion of the subdivisional lines 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  
 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.

August 11, 1959

Salt Lake City, Utah

Boyd S. Owens  
 Boyd S. Owens, Cadastral Surveyor

Virgil E. Spratt  
 Virgil E. Spratt, 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 \_\_\_\_\_  
 \_\_\_\_\_, is a true copy of the original field notes.

\_\_\_\_\_  
 Cadastral Engineering Staff Officer.

**4-680**  
(Feb., 1950)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

[illegible]



## 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, I have ~~surveyed~~ supervised the survey of a portion of the Tenth Standard Parallel North In R. 9 E., a portion of the subdivision of T. 41 N., R. 9 E., and a portion of the Page Arizona Townsite, and a retracement of a portion of the subdivisional lines, and the meanders of the Colorado River as ~~determined by photogrammetric processes.~~

of the ~~Gila and 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.

August 11, 1959

Salt Lake City, Utah

*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 a portion of the Tenth Standard Parallel North in R. 9 E., a portion of the subdivision of T. 41 N., R. 9 E. and a portion of the Page Arizona Townsite, and a retracement of a portion of the subdivisional lines, and the meanders of the Colorado River as determined by photogrammetric processes executed by Boyd S. Owens and Virgil E. Spratt, under the supervision of Robert C. Yundt. having been critically examined and found correct, are hereby approved.

*Donald 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~~

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

Cadastral Engineering Staff Officer.