

BOOK 4563

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF THE COMPLETION SURVEY

OF THE SOUTH AND EAST BOUNDARIES

AND THE SUBDIVISION

OF

TOWNSHIP 41 NORTH, RANGE 8 EAST

AND THE SURVEY

OF A PORTION OF THE PAGE TOWNSITE BOUNDARY

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

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

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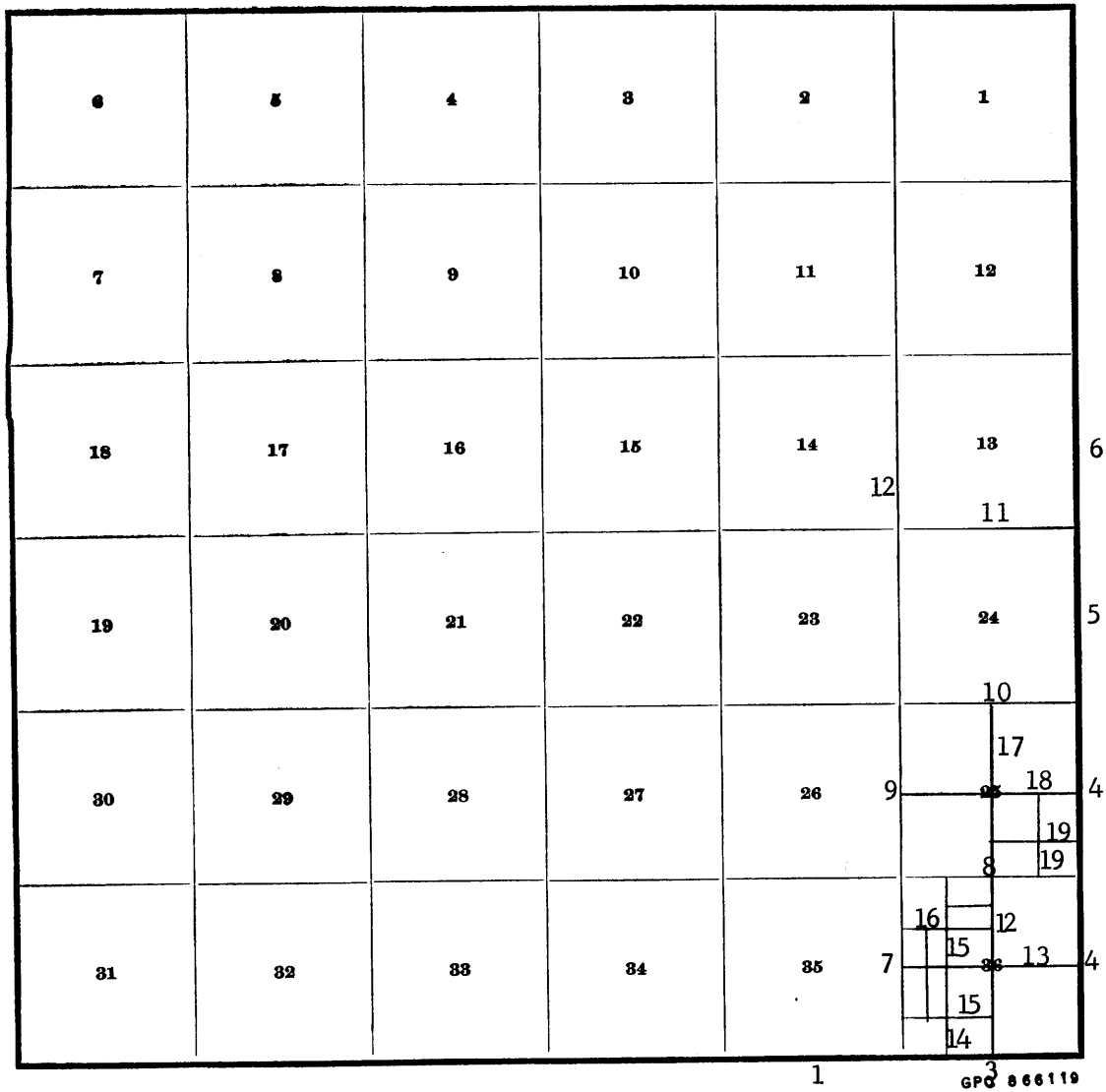
Under special instructions dated January 22, 1959, which provided for the surveys included under Group No. 333, approved January 22, 1959 and assignment instructions dated January 28, 1959

Survey commenced February 12, 1959

Survey completed June 5, 1959

BOOK 4563
INDEX DIAGRAM

Township 41 North, Range 8 East



Meanders of the Colorado River - Pages 19 to 23 incl.

Township 41 North, Range 8 East

Chains

The major part of T. 41 N., R. 8 E. was surveyed by B. J. Kinsey and E. Pearson in 1937. The following field notes are those of a completion survey of the south and east boundaries and subdivision of the township, and a partial survey of the subdivision of section lines in secs. 25 and 36. The survey was made at the request of the U. S. Bureau of Reclamation in connection with the construction of the Glen Canyon Dam. Part of the townsite of Page, Arizona is located in secs. 25 and 36 and the dam is in sec. 24. The meanders of the Colorado River were determined by photogrammetric processes and the distances across the river were measured by tellurometers.

The survey was executed with W. and L. E. Gurley solar transit, serial 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 has 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 of arc. Since the solar attachment was not used on this survey, 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 measurements were made either by chaining or by the use of tellurometers. The chains used 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. They were tested by comparison with a standard steel tape, 1 chain in length, and found to be correct. The chaining was done on the slope, the vertical angle of each interval determined by the use of clinometers or by the transit, and the slope distances properly reduced to horizontal equivalents for use in these 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. 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 Bee Hive North Base and Bee Hive South Base was found to agree with that reported by the Coast Survey. The tellurometer distances were measured on the slope, the vertical angle determined by the use of the transit, and the slope distances properly reduced to horizontal equivalents for use in the final notes.

The geographic position of the standard cor. of Tps. 41 N., Rs. 8 and 9 E., at the southeast cor. of the township, determined from ties made to U. S. Coast and Geodetic Survey stations Lee East Base, Manson and Antelope, is as follows: Latitude $36^{\circ} 54' 12.1''$ N. and longitude $111^{\circ} 28' 28.4''$ W. The mean magnetic declination was found to be 15° East.

Completion Survey of the Tenth Standard Parallel North in R. 8 E.

The witness standard cor. of secs. 34 and 35, T. 41 N., R. 8 E. is mkd. by a brass tablet, $3\frac{1}{2}$ ins. diam., firmly set in solid rock, and conforming to the official record; from which the true point bears S. $0^{\circ} 01' E.$, 20 lks. dist. I mark the true point with a cross (X) cut into solid rock..

Beginning at the true point above described.

East, along the south bdy. of sec. 35.

Over broken land, through widely scattered timber and medium dense undergrowth; desc. 800 ft. along SE. slope over ledges.

Completion Survey of the Tenth Standard Parallel North in R. 8 E.

Chains	
38.00	Base of steep descent, bears NE. and SW.; continue along bottom lands.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35. Set an iron post, 36 ins. long, 1 in. diam., 30 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> S C T41N R8E $\frac{1}{4}$ S35 1959 </div>
	Deposit broken glass at base of iron post.
40.49	Point for the witness meander cor. on the right bank of the Colorado River. Set an iron post, 36 ins. long, 1 in. diam., 26 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> S C T41N R8E $\frac{1}{4}$ S35 / WMC 1959 </div>
	Deposit broken glass at base of iron post.
40.60	Mean high water mark on the right bank of the Colorado River bearing NE. and S. 60° W., falls in loose sand where the meander cor. monument cannot be perpetuated. Thence across river.
50.77	Mean high water mark on the left bank of the river bears N. 20° E. and SW. Point for the meander cor. of sec. 35. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> S C T41N R8E MC / S35 1959 </div>
	Raise a mound of stone E. of iron post.
	Asc. 805 ft. over an abrupt NW. slope over ledges.
57.80	Top of upper rim of the river canyon, bears NE. and SW.; continue over rolling and broken bench land, through medium dense undergrowth, with considerable exposed sandstone bedrock.
64.67	The closing cor. of secs. 1 and 2, T. 40 N., R. 8 E., and a cor. of the Page Townsite boundary which bears E. and S. $0^\circ 03'$ W.
80.00	Point for the standard cor. of secs. 35 and 36, and a cor. of the Page Townsite boundary, which bears W. and N. $0^\circ 02'$ E. Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in a hole drilled in solid rock, with brass cap mkd. <div style="text-align: center;"> PTS SC T41N R8E S35 S36 1959 </div>
	Raise a mound of stone N. of iron post.

Completion Survey of the Tenth Standard Parallel North in R. 8 E.

Chains

Land, broken sandstone slopes in W., rolling in E.
 Soil, light sand, with exposed sandstone bedrock and high sandstone ledges.
 Timber, scrub juniper.
 Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

East, along the S. bdy. of sec. 36.

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

20.00 Point for the standard W. 1/16 sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

S C
 T41N R8E
 W 1/16
S36
 1959

Raise a mound of stone N. of iron post.

31.75 Power line, bears N. 24° E. and S. 24° W.

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

40.00 Point for the standard ¼ sec. cor. of sec. 36.

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground and surrounded by concrete, with brass cap mkd.

S C
 T41N R8E
 ¼ S36
 1959

Raise a mound of stone N. of iron post.

64.35 Wash, 20 lks. wide, 2 ft. deep, drains NW.

80.00 Point for the standard cor. of Tps. 41 N., Rs. 8 and 9 E.

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

S C
 T41N
 R8E R9E
S36|S31
 1959

Raise a mound of stone N. of iron post.

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

Completion Survey of the East Boundary of T. 41 N., R. 8 E.

Chains

From the standard cor. of Tps. 41 N., Rs. 8 and 9 E.

N. 0° 04' 30" E., bet. secs. 31 and 36.

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

20.90 S. access road to Page, Arizona, bears N. 82° W. and S. 82° E.

40.00 Point for the $\frac{1}{2}$ sec. cor. of secs. 31 and 36.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.

T41N
R8E R9E
 $\frac{1}{2}$
S36 | S31
1959

Deposit broken glass at base of iron post.

80.00 Point for the cor. of secs. 25, 30, 31 and 36.

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

T41N
R8E R9E
S25 | S30
S36 | S31
1959

Deposit broken glass at base of iron post.

from which

A cross (X) cut in solid rock ledge bears S. 82° 00' E., 3.078 chs. dist., mkd. B0 X S31.

Land, rolling desert.

Soil, light sand.

Timber, scrub juniper.

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

N. 0° 04' 30" E., bet. secs. 25 and 30.

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

1.65 U. S. Highway No. 189, bears N. 31° 30' E. and S. 31° 30' W.

13.35 Shallow wash, drains W.

20.00 Point for the S. $\frac{1}{16}$ sec. cor. of secs. 25 and 30, and a cor. of the Page Townsite boundary, which bears W. and N.Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.

T41N
R8E R9E
S $\frac{1}{16}$
S25 | S30
PTS
1959

Completion Survey of the East Boundary of T. 41 N., R. 8 E.

Chains

Deposit broken glass at base of iron post.

Continue along W. bdy. of the Page Townsite.

34.95 Shallow wash, drains W.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, and a cor. of the Page Townsite boundary, which bears S. and E.; on barren rock

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

T41N
R8E R9E
 $\frac{1}{4}$
S25|S30
PTS
1959

Raise a mound of stone W. of iron post.

44.90 Shallow wash, drains W.

80.00 Point for the cor. of secs. 19, 24, 25 and 30; on barren rock

Cement a brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, in a hole drilled in solid rock, with top mkd.

T41N
R8E R9E
S24|S19
S25|S30
1959

Raise a mound of stone W. of tablet.

Land, rolling desert.

Soil, light sand.

Timber, scrub juniper.

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

N. $0^{\circ} 04' 30''$ E., bet. secs. 19 and 24.

Over rolling land, through medium dense undergrowth.

8.40 U. S. Highway No. 189, bears N. $51^{\circ} 30'$ W. and S. $51^{\circ} 30'$ E.22.20 Oiled construction road, bears N. $54^{\circ} 30'$ W. and S. $54^{\circ} 30'$ E.40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 24; in construction areaSet an iron post, 18 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, surrounded by concrete, with brass cap mkd.

T41N
R8E R9E
 $\frac{1}{4}$
S24|S19
1959

Note: The $\frac{1}{4}$ sec. cor. is located in the storage yard of the construction company building the Glen Canyon Dam and was therefore set below the surface of the ground. There are no accessoreis available within practicable limits.

Completion Survey of the East Boundary of T. 41 N., R. 8 E.

<p>Chains</p> <p>56.00</p> <p>65.00</p> <p>80.00</p>	<p>Begin ascent along SW. slope.</p> <p>Sandstone spur, projects W.; desc. along NW. slope.</p> <p>Point for the cor. of secs. 13 and 24, T. 41 N., R. 8 E. only.</p> <p>Cement a brass tablet, 3½ ins. diam., 3 in. stem, in a hole drilled in solid rock, with top mkd.</p> <div style="text-align: center;"> <p>T41N R8E R9E S13 S19 S24 1959</p> </div> <p>Raise a mound of stone W. of tablet.</p> <p>Land, rolling desert, with exposed sandstone bedrock. Soil, light sand. Timber, widely scattered juniper in N. part of mile. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
<p>0.49</p>	<p>N. 0° 04' 30" E., along the E. bdy. of sec. 13.</p> <p>Over broken land, through widely scattered timber and medium dense undergrowth.</p> <p>At a point 40.00 chs. S. in latitude from the true point for the original ¼ sec. cor. of secs. 13 and 18, hereinafter described.</p> <p>Set an iron post, 20 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, and in a mound of stone, at the cor. of secs. 18 and 19, T. 41 N., R. 9 E. only, with brass cap mkd.</p> <div style="text-align: center;"> <p>T41N R8E R9E S13 S18 S19 1959</p> </div>
<p>27.31</p>	<p>On the upper rim of the Colorado River Canyon bearing NW. and SE.</p> <p>Cement a brass tablet, 3½ ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 13 and 18, on the left bank of the Colorado River, with top mkd.</p> <div style="text-align: center;"> <p>WMC S13 S18 R8E R9E T41N 1959</p> </div> <p>Raise a mound of stone S. of tablet.</p> <p>Desc. 755 ft. over abrupt N. slope, over ledges.</p>
<p>32.64</p>	<p>Mean high water mark on the left bank of the Colorado River falls on steep N. slope of barren sandstone, where the monument cannot be perpetuated; thence across river.</p>
<p>37.16</p>	<p>Mean high water mark on the right bank of the river falls on steep S. slope on barren sandstone, where the monument cannot be perpetuated; asc. steep S. slope over ledges.</p>

Completion Survey of the East Boundary of T. 41 N., R. 8 E.

Chains	
40.49	<p>The original $\frac{1}{4}$ sec. cor. of secs. 13 and 18 falls on an inaccessible sandstone ledge, from which the witness $\frac{1}{4}$ sec. cor., mkd. by a brass tablet, $3\frac{1}{2}$ ins. diam., conforming to the official record, bears N., 3.75 chs. dist.</p> <p>Land, rough and broken sandstone slopes. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
Completion Survey of the Subdivision, T. 41 N., R. 8 E.	
19.98	<p>Beginning at the standard cor. of secs. 35 and 36 on the S. bdy. of the township, and a cor. of the Page Townsite boundary, which bears W. and N.</p> <p>N. $0^{\circ} 02'$ E., bet. secs. 35 and 36, along the W. bdy. of the Page Townsite.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>Point for the S. $\frac{1}{16}$ sec. cor. of secs. 35 and 36, and a cor. of the Page Townsite boundary, at proportionate dist.</p> <p>Set an iron post, 14 ins. long, 1 in. diam., 8 ins. in a hole drilled in solid rock, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E S $\frac{1}{16}$ S35 S36 PTS 1959</p> <p>Raise a mound of stone W. of iron post.</p>
26.50	Draw, drains NW. from E.
39.965	<p>At midpoint bet. the standard cor. of secs. 35 and 36 on the S. bdy. of the township and the cor. of secs. 25, 26, 35 and 36, hereinafter described.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E $\frac{1}{4}$ S35 S36 1959</p> <p>Deposit broken glass at base of iron post.</p>
50.05	Access road to tunnel, bears NW. and SE. on curve.
59.945	<p>Point for the N. $\frac{1}{16}$ sec. cor. of secs. 35 and 36, at proportionate dist.</p> <p>Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E N $\frac{1}{16}$ S35 S36 1959</p>

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains

Deposit broken glass at base of iron post.

From this cor., the S. portal of the access tunnel to the Glen Canyon Dam bears N. 22° 15' E., 5.60 chs. dist.

64.30 Access road to tunnel portal bears NE. and SW. on curve.

66.10 On the upper rim of the Colorado River Canyon bearing N. 60° E. and S. 60° W., on barren rock

Set an iron post, 15 ins. long, 1 in. diam., 9 ins. in hole drilled in solid rock, at the witness meander cor. of secs. 35 and 36, on the left bank of the river, with brass cap mkd.

WMC

S35	S36
T41N R8E	
1959	

Raise a mound of stone S. of iron post.

Desc. 805 ft. over abrupt N. slope, over ledges.

76.40 Mean high water mark on the left bank of the Colorado River falls on steeply sloping sandstone ledge, where the meander cor. cannot be monumented; thence across river.

79.93 The true point for the cor. of secs. 25, 26, 35 and 36 at the intersection of a line projected S. 0° 01' E. from the original $\frac{1}{4}$ sec. cor. of secs. 25 and 26, and a line projected E. from the original $\frac{1}{4}$ sec. cor. of secs. 26 and 35, falls in Colorado River.

Land, rough and broken sandstone slopes.

Soil, light sand.

Timber, scrub juniper.

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

From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the township.

S. 89° 56' W., bet. secs. 25 and 36.

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

1.05 U. S. Highway No. 189, bears N. 31° 30' E. and S. 31° 30' W.

20.015 Point for the E. 1/16 sec. cor. of secs. 25 and 36, and a cor. of the Page Townsite boundary, which bears N. and W.

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

T41N R8E

E 1/16	S25
	S36
	PTS
	1959

Raise a mound of stone N. of iron post.

40.03 Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36, and a cor. of the Page Townsite boundary, which bears E. and S.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains

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.

T41N R8E
 $\frac{1}{4}$ $\frac{S25}{S36}$ PTS
 1959

Deposit broken glass at base of iron post.

48.48 On the upper rim of the Colorado River Canyon bearing NE. and SW., on barren rock

Set an iron post, 30 ins. long, 3½ ins. diam., 3 in. stem, in hole drilled in solid rock, at the witness meander cor. of secs. 25 and 36, on the left bank of the river, with top mkd.

WMC $\frac{S25}{S36}$
 T41N R8E
 1959

Raise a mound of stone E. of tablet.

Desc. 755 ft. along abrupt NW. slope to river.

60.045 The W. 1/16 sec. cor. of secs. 25 and 36 falls upon inaccessible wall of canyon.

68.08 Mean high water mark on left bank of Colorado River falls on steeply sloping sandstone ledge, where the meander cor. cannot be monumented.

80.06 The true point for the cor. of secs. 25, 26, 35 and 36.

Land, rolling in E., broken in W.
 Soil, light sand.
 Timber, scrub juniper.
 Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

From the true point for the corner of secs. 25, 26, 35 and 36, which falls in the Colorado River.

N. 0° 01' W., bet. secs. 25 and 26.

1.95 Mean high water mark on the right bank of the Colorado River falls on steeply sloping sandstone ledge, where the meander cor. of secs. 25 and 26 cannot be monumented; asc. 775 ft. along broken SE. slope, over ledges.

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

Cement a brass tablet, 3½ ins. diam., 3 in. stem, in a hole drilled in solid rock, with top mkd.

T41N R8E
 $\frac{S26}{S25}$
 WMC
 1959

Raise a mound of stone N. of tablet.

Continue over rolling sandstone slopes.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains

39.91 The original $\frac{1}{4}$ sec. cor. of secs. 25 and 26, mkd. by an iron post, 1 in. diam., conforming to the official record.

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

From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the township.
S. 89° 46' W., bet. secs. 24 and 25.

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

21.63 On the upper rim of the Colorado River Canyon bearing N. 20° W. and S. 20° E.

Cement a brass tablet, 3½ ins. diam., 3 in. stem, in a hole drilled in solid rock, at the witness meander cor. of secs. 24 and 25, on the left bank of the river, with brass cap mkd.

T41N
R8E
WMC / S24
S25
1959

Raise a mound of stone E. of tablet.

Desc. 805 ft. over broken W. slope, over ledges.

25.75 Mean high water mark on the left bank of the Colorado River falls on inaccessible sandstone ledge, where the meander cor. cannot be monumented; thence across river.

34.15 Mean high water mark on the right bank of the river falls on inaccessible sandstone ledge, where the meander cor. cannot be monumented; asc. 765 ft. over broken E. slope, over ledges.

40.10 Midway bet. the cor. of secs. 19, 24, 25 and 30 on the E. bdy. and the cor. of secs. 23, 24, 25 and 26, and on line bet. the cor. of secs. 19, 24, 25 and 30 and the original $\frac{1}{4}$ sec. cor. of secs. 24 and 25, hereinafter described.

Set an iron post, 20 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, and set with cement, at the $\frac{1}{4}$ sec. cor. of secs. 24 and 25, with brass cap mkd.

T41N R8E
 $\frac{1}{4}$ S24
S25
1959

Raise a mound of stone around iron post.

41.06 The original $\frac{1}{4}$ sec. cor. of secs. 24 and 25, mkd. by an iron post, 1 in. diam., conforming to the official record. This point no longer functions as a $\frac{1}{4}$ sec. cor., and I remark it as an angle point. The E. end of the Glen Canyon bridge bears N. 34° 54' E., 24.25 chs. dist.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

- Chains
- West, on retracement, beginning new measurement.
- 39.14 The original cor. of secs. 23, 24, 25 and 26, mkd. by an iron post, 2 ins. diam., conforming to the official record.
- Land, broken sandstone slopes.
Soil, light sand.
Timber, scrub juniper.
Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
-
- From the cor. of secs. 13 and 24 on the E. bdy. of the township.
S. 89° 52' W., bet. secs. 13 and 24.
- Over broken land, through widely scattered timber and medium dense undergrowth.
- 40.04 Point for the $\frac{1}{4}$ sec. cor. of secs. 13 and 24.
- Set an iron post, 20 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, and in a mound of stone, with brass cap mkd.
- T41N R8E
 $\frac{1}{4}$ $\frac{S13}{S24}$
1959
- From this cor., the U.S.C. & G. Survey station "Wall" bears S. 11° 35' 52" E., 26.820 chs. dist.
- 52.30 On the upper rim of the Colorado River Canyon, 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 meander cor. of secs. 13 and 24, on the left bank of the river, with brass cap mkd.
- T41N
R8E
WMC $\frac{S13}{S24}$
1959
- Raise a mound of stone E. of tablet.
- Desc. 775 ft. over broken W. slope, over ledges.
- 61.47 Mean high water mark on the left bank of the river bearing N. 20° W. and S. 20° E., falls on steeply sloping sandstone ledge, where the meander cor. cannot be monumented; thence across river.
- 68.48 Mean high water mark on the right bank of the river, bears N. and S. 30° E., falls on steeply sloping sandstone ledge, where the meander cor. cannot be monumented; asc. 795 ft. over broken E. slope, over ledges.
- 80.08 The original cor. of secs. 13, 14, 23 and 24, mkd. by an iron post, 2 ins. diam., conforming to the official record.
- Land, rough and broken sandstone slopes.
Soil, light sand.
Timber, scrub juniper.
Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains	N. 0° 01' W., on retracement bet. secs. 13 and 14.
40.45	The original $\frac{1}{4}$ sec. cor. of secs. 13 and 14, mkd. by a brass tablet, $3\frac{1}{2}$ ins. diam., conforming to the official record.
	From the true point for the corner of secs. 25, 26, 35 and 36, which falls in the Colorado River.
	West, bet. secs. 26 and 35.
25.45	Mean high water mark on the right bank of the Colorado River bearing NE. and SW., falls on steeply sloping sandstone ledge where the meander cor. cannot be monumented; asc. an abrupt SE. slope over ledges, enter widely scattered timber and medium dense undergrowth.
35.63	On the upper rim of the Colorado River Canyon, on barren rock Cement a brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, in a hole drilled in solid rock, with top mkd.
	T41N R8E $\frac{S26}{S35}$ WMC 1959
	Raise a mound of stone W. of tablet.
40.03	The original $\frac{1}{4}$ sec. cor. of secs. 26 and 35, mkd. by a brass tablet, $3\frac{1}{2}$ ins. diam., conforming to the official record. Land, rough and broken sandstone slopes. Timber, scrub juniper. Soil, light sand. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	Subdivision of Sec. 36
	From the standard $\frac{1}{4}$ sec. cor. of sec. 36, on the S. bdy. of the township.
	N. 0° 03' 30" E., along the N-S center line of sec. 36.
	Over rolling land, through widely scattered timber and medium dense undergrowth.
8.10	U. S. Highway No. 189, bears N. 24° E. and S. 24° W.
19.99	Point for the center S. 1/16 sec. cor. of sec. 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground to solid rock, and in a mound of stone, with brass cap mkd.
	T41N R8E C S 1/16 S36 C 1959
	Deposit broken glass at base of iron post.
25.40	Wash, drains NW.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains	
34.95	Access road to tunnel, bears N. 70° W. and S. 70° E.
39.98	Intersect the E-W center line of sec. 36, at the center $\frac{1}{4}$ sec. cor. of sec. 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T41N R8E C $\frac{1}{4}$ + S36 1959</p>
	Raise a mound of stone W. of iron post.
52.50	Wire fence, bears N. 60° E. and S. 60° W.
59.97	Point for the center N. 1/16 sec. cor. of sec. 36. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T41N R8E C N 1/16 S36 C 1959</p>
	Raise a mound of stone W. of iron post.
64.45	Wire fence, bears S. 80° E. and N. 85° W.
69.965	Point for the center N-N 1/64 sec. cor. of sec. 36, and a cor. of the Page Townsite boundary, which bears W. and N. Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T41N R8E C NN 1/64 S36 C 1959</p>
	Raise a mound of stone W. of iron post.
	Continue along the W. bdy. of the Page Townsite.
79.96	The $\frac{1}{4}$ sec. cor. of secs. 25 and 36. Land, rolling desert. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	From the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, on the E. bdy. of the township. S. 89° 58' W., along the E-W center line of sec. 36. Over rolling land, through widely scattered timber and medium dense undergrowth.
25.00	U. S. Highway No. 189, bears N. 31° 30' E. and S. 31° 30' W.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains	
40.02	The center $\frac{1}{4}$ sec. cor. of sec. 36.
46.10	Graded road, bears N. 30° E. and S. 30° W.
53.40	Graded road, bears N. 70° W. and S. 70° E.; road to access tunnel.
60.03	Point for the center W. 1/16 sec. cor. of sec. 36. Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T41N R8E W 1/16 C ——— C S36 1959 </div>
	Raise a mound of stone N. of iron post.
70.035	Point for the center W-W 1/64 sec. cor. of sec. 36, which is on the Page Townsite bdy., on barren rock. Set an iron post, 14 ins. long, 1 in. diam., 8 ins. in hole drilled in solid rock, with brass cap mkd. <div style="text-align: center;"> T41N R8E WW 1/64 C ——— C S36 PTS 1959 </div>
	Raise a mound of stone N. of iron post.
80.04	The $\frac{1}{4}$ sec. cor. of secs. 35 and 36. Land, rolling desert. Soil, light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.
	From the standard W. 1/16 sec. cor. of sec. 36, on the S. bdy. of the township. N. 0° 02' E., along the N-S center line of the SW¼ of sec. 36.
19.986	Intersect the E-W center line of the SW¼ of sec. 36, at the S-W 1/16 sec. cor. of sec. 36. Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T41N R8E SW 1/16 + S36 1959 </div>
	Raise a mound of stone W. of iron post.
29.55	Draw, drains SW.
39.972	The center W. 1/16 sec. cor. of sec. 36. Land, rolling desert. Soil, light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains

From the center S. 1/16 sec. cor. of sec. 36.

S. 89° 59' W., along the E-W center line of the SW $\frac{1}{4}$ of sec. 36.

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

20.00 The SW 1/16 sec. cor. of sec. 36.

30.00 Point for the center W-SW 1/64 sec. cor. of sec. 36, and a cor. of the Page Townsite bdy., which bears W. and N., on barren rock.

Set an iron post, 14 ins. long, 1 in. diam., 8 ins. in a hole drilled in solid rock, with brass cap mkd.

T41N R8E
W-SW 1/64
C-----C
S36
PTS
1959

Raise a mound of stone N. of iron post.

40.00 The S. 1/16 sec. cor. of secs. 35 and 36.

Land, rolling desert.

Soil, light sand, with exposed sandstone bedrock.

Timber, scrub juniper.

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

From the center W-SW 1/64 sec. cor. of sec. 36.

N. 0° 02' E., along the N-S center line of the NW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of sec. 36, and along the W. bdy. of the Page Townsite.

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

5.90 Draw, drains W.

19.985 The center W-W 1/64 sec. cor. of sec. 36.

Land, rolling desert.

Soil, light sand, with exposed sandstone bedrock.

Timber, scrub juniper.

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

From the center W. 1/16 sec. cor. of sec. 36.

N. 0° 02' E., along the N-S center line of the NW $\frac{1}{4}$ of sec. 36.

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

2.50 Graded road, bears N. 70° W. and S. 70° E.

19.987 Intersect the E-W center line of the NW $\frac{1}{4}$ of sec. 36, and a cor. of the Page Townsite bdy., which bears N. and W.

Set an iron post, 30 ins. long, 2 $\frac{1}{2}$ ins. diam., 14 ins. in the ground to solid rock, and in a mound of stone, at the NW 1/16 sec. cor. of sec. 36, with brass cap mkd.

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains	
	<p style="text-align: center;">T41N R8E NW 1/16 + S36 PTS 1959</p> <p>Deposit broken glass at base of iron post.</p> <p>Continue along W. bdy. of Page Townsite.</p>
29.980	<p>Point for the center N-NW 1/64 sec. cor. of sec. 36, and a cor. of the Page Townsite bdy., which bears S. and E., on barren rock.</p> <p>Set an iron post, 14 ins. long, 1 in. diam., 12 ins. in a hole drilled in solid rock, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E N-NW 1/64 C C PTS S36 1959</p> <p>Raise a mound of stone W. of the iron post.</p> <p>From this cor., the witness meander cor. of secs. 25 and 36 on the left bank of the Colorado River bears N. 49°09' E., 15.30 chs. dist.</p>
39.973	<p>True point for the W. 1/16 sec. cor. of secs. 25 and 36.</p> <p>Land, rolling in S., rough breaks of the Colorado River Canyon in N. Soil, light sand, with exposed sandstone bedrock, ledges. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
8.00	<p>From the center N. 1/16 sec. cor. of sec. 36.</p> <p>S. 89° 57' W., along the E-W center line of the NW¼ of sec. 36.</p> <p>Over rolling land, through widely scattered timber and medium dense undergrowth.</p> <p>Sewage disposal pond.</p>
20.01	<p>The NW. 1/16 sec. cor. of sec. 36 and cor. of the Page Townsite bdy., which bears W. and N.</p>
30.015	<p>Point for the center W-NW 1/64 sec. cor. of sec. 36, and a cor. of the Page Townsite bdy., which bears S. and E., on barren sandstone</p> <p>Set an iron post, 14 ins. long, 1 in. diam., 8 ins. in a hole drilled in solid rock, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E C W-NW 1/64 C———C S36 PTS 1959</p> <p>Raise a mound of stone N. of iron post.</p>
40.02	<p>The N. 1/16 sec. cor. of secs. 35 and 36.</p>

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains	
	<p>Land, rolling in E., broken in W. Soil, light sand. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
<p>6.30 19.984</p>	<p>From the center W-W 1/64 sec. cor. of sec. 36, on the Page Townsite byd., which bears N. and S. N. 0° 02' E., along the N-S center line of the SW¼ of the NW¼ of sec. 36. Over rolling land, through widely scattered timber and medium dense undergrowth. Graded road, bears N. 70° W. and S. 70° E., road to access tunnel. The center W-NW 1/64 sec. cor. of sec. 36. Land, broken bench. Soil, light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
<p>20.01</p>	<p>From the center N-N 1/64 sec. cor. of sec. 36, and a cor. of the Page Townsite bdy., which bears W. and N. S. 89° 56' 30" W., along the E-W center line of the NE¼ of the NW¼ of sec. 36, and along the Page Townsite bdy. The center N-NW 1/64 sec. cor. of sec. 36, and a cor. of the Page Townsite bdy., which bears E. and S. Land, broken bench. Soil, light sand, with exposed sandstone bedrock. Timber, scrub juniper. Undergrowth, sagebrush, bitter brush, cactus, weeds and grass.</p>
<p>39.96 43.86</p>	<p style="text-align: center;">Subdivision of Sec. 25</p> <p>From the ¼ sec. cor. of secs. 25 and 36, and a cor. of the Page Townsite bdy., which bears S. and E. N. 0° 02' E., along the N-S center line of sec. 25. Over rough and broken land bordering the Colorado River, through widely scattered timber and medium dense undergrowth. The line to the N. crosses over precipitous slopes of sandstone over which chaining is not practical, and both the center S. 1/16 sec. cor. and the center ¼ sec. cor. fall on inaccessible slopes. To determined the distance, I set a point on the N. rim of the Colorado River Canyon, from which the E. 1/16 sec. cor. of secs. 25 and 36 bears S. 24° 33' 50" E. Distance by triangulation on line. Intersect the E-W center line of sec. 25, at the true point for the center ¼ sec. cor. on inaccessible sandstone slope, and on the N. bank of river. Point for the witness center ¼ sec. cor. of sec. 25, on barren rock.</p>

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains

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

T41N R8E

C $\frac{1}{2}$

+

S25

W C

1959.

Raise a mound of stone W. of iron post.

79.86 The $\frac{1}{4}$ sec. cor. of secs. 24 and 25.

Land, rough and broken sandstone slope.

Soil, light sand.

Timber, scrub juniper.

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

From the $\frac{1}{4}$ sec. cor. of secs. 25 and 30, on the E. bdy. of the township.

S. 89° 52' 30" W., along the E-W center line of sec. 25.

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

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

Set an iron post, 15 ins. long, 1 in. diam., 10 ins. in hole drilled in solid rock, at the witness center E. 1/16 sec. cor. of sec. 25, with brass cap mkd.

T41N R8E

$$\begin{array}{c} \text{W} \quad \text{E } 1/16 \\ \text{C} \quad \text{C} \quad \text{C} \\ \text{C} \quad \text{C} \quad \text{C} \\ \text{S25} \\ 1959 \end{array}$$

Raise a mound of stone E. of iron post.

The line to the W. follows along the rough breaks of the Colorado River Canyon. Distance to the $\frac{1}{4}$ sec. cor. of secs. 25 and 36 was determined by triangulation.

20.03 True point for the center E. 1/16 sec. cor. falls on inaccessible sandstone ledge.

40.06 True point for the center $\frac{1}{4}$ sec. cor. falls on inaccessible sandstone ledge.80.12 The $\frac{1}{4}$ sec. cor. of secs. 25 and 26, heretofore described.

Land, rough and broken sandstone slopes.

Soil, light sand.

Timber, scrub juniper.

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

Completion Survey of the Subdivision, T. 41 N., R. 8 E.

Chains

From the E. 1/16 sec. cor. of secs. 25 and 36.

N. 0° 03' E., along the N-S center line of the SE¼ of sec. 25, and along the W. bdy. of the Page Townsite.

- 19.99 Point midway bet. the E. 1/16 sec. cor. of secs. 25 and 36 and the true point for the center E. 1/16 sec. cor. of sec. 25. Since the center S. 1/16 sec. cor. of sec. 25 is inaccessible, the SE 1/16 sec. cor. of sec. 25 is established at this point.

Set an iron post, 14 ins. long, 1 in. diam., 8 ins. in a hole drilled in solid rock, with brass cap mkd.

T41N R8E
SE 1/16
+
S25PTS
1959

Raise a mound of stone W. of iron post.

From this cor., the witness center E. 1/16 sec. cor. of sec. 25 bears N. 18° 07' 20" E., 21.048 chs. dist.

- 39.98 True point for the center E. 1/16 sec. cor. of sec. 25.

Land, rolling in S., broken ledges in N.

Soil, light sand.

Timber, scrub juniper.

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

From the S. 1/16 sec. cor. of secs. 25 and 30.

S. 89° 58' W., along the E-W center line of the SE¼ of sec. 25, and along the bdy. of the Page Townsite.

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

- 20.02 The SE. 1/16 sec. cor. of sec. 25.

Since the center S. 1/16 sec. cor. of sec. 25 is inaccessible, the line is terminated at this point.

Land, rolling desert.

Soil, light sand.

Timber, scrub juniper.

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

Meanders of the Right Bank of the Colorado River
as determined by photogrammetric processes

Beginning at the true point for the meander cor. of secs. 13 and 18 on the E. bdy. of the township, and on the right bank of the Colorado River, which is S. 0° 04' 30" W., 3.33 chs. dist. from the true point for the ¼ sec. cor. of secs. 13 and 18, Tps. 41 N., Rs. 8 and 9 E.

Thence with the meanders of the right bank of the river in sec. 13.

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

N. 66° 32' W., 16.90 chs.

N. 78° 00' W., 15.98 chs.

Meanders of the Right Bank of the Colorado River

Chains

N. 88° 57' W., 13.56 chs.

S. 72° 07' W., 11.23 chs. At 8.50 chs. on this course, the Wahweap Creek enters the river from the N.

S. 47° 11' W., 11.33 chs.

S. 25° 36' W., 17.80 chs.

S. 2° 04' E., 15.51 chs.

S. 26° 52' E., 4.98 chs. The true point for the meander cor. of secs. 13 and 24, not monumented.

Land, rough and broken sandstone ledges.

Soil, shallow light sand.

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

Thence in sec. 24.

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

S. 34° 40' E., 4.22 chs.

S. 36° 01' E., 22.04 chs.

S. 24° 48' E., 10.30 chs.

S. 32° 27' E., 7.64 chs.

S. 8° 22' E., 10.24 chs.

S. 3° 18' E., 7.83 chs.

S. 17° 00' E., 22.38 chs.

S. 31° 54' E., 4.18 chs. The true point for the meander cor. of secs. 24 and 25, not monumented.

Land, rough and broken slopes.

Soil, shallow light sand.

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

Thence in sec. 25.

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

S. 26° 47' E., 17.49 chs.

S. 3° 23' E., 9.65 chs.

S. 15° 10' W., 7.42 chs.

S. 9° 42' W., 6.95 chs.

S. 55° 13' W., 11.27 chs.

S. 58° 34' W., 6.60 chs.

S. 33° 03' W., 14.60 chs.

Meanders of the Right Bank of the Colorado River

Chains

S. 48° 52' W., 21.04 chs.

S. 71° 38' W., 8.28 chs.

S. 87° 51' W., 4.81 chs. The true point for the meander cor. of secs. 25 and 26, which is witnessed N. 0° 01' W., 12.63 chs. dist., by a brass tablet previously described.

Land, rough and broken slopes.

Soil, shallow light sand.

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

Thence in sec. 26.

Along rough and broken bank, through medium dense undergrowth.

N. 88° 54' W., 15.70 chs.

S. 76° 30' W., 10.03 chs. The true point for the meander cor. of secs. 26 and 35, which is witnessed west, 10.18 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. 35.

Along rough and broken bank, through medium dense undergrowth.

S. 67° 03' W., 7.38 chs.

S. 13° 13' W., 19.69 chs.

S. 2° 48' E., 40.40 chs.

S. 7° 49' W., 9.92 chs.

S. 22° 54' W., 8.44 chs. The true point for the standard meander cor. of sec. 35, which is witnessed west, 0.11 chs. dist., by a brass tablet, previously described.

Land, rough and broken slopes.

Soil, light sand.

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

Meanders of the Left Bank of the Colorado River

Beginning at the true point for the meander cor. of secs. 13 and 18, on the E. bdy. of the township, and on the left bank of the river, which is witnessed S. 0° 04' 30" W., 5.33 chs. dist., by a brass tablet, previously described.

Thence with the meanders of the left bank of the river in sec. 13.

Meanders of the Left Bank of the Colorado River

Chains

Along rough and broken bank, through medium dense undergrowth.

N. 69° 03' W., 13.42 chs.

N. 73° 44' W., 22.92 chs.

S. 84° 56' W., 9.29 chs.

S. 61° 50' W., 12.16 chs.

S. 36° 33' W., 9.04 chs.

S. 26° 54' W., 7.74 chs.

S. 6° 56' W., 10.36 chs.

S. 13° 30' E., 13.37 chs. The true point for the meander cor. of secs. 13 and 24, which is witnessed N. 89° 52' E., 9.17 chs. dist., by a brass tablet previously described.

Land, rough and broken sandstone slopes.

Soil, light sand.

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

Thence in sec. 24.

Along rough and broken bank, through medium dense undergrowth.

S. 38° 08' E., 11.24 chs.

S. 39° 36' E., 13.15 chs.

S. 18° 03' E., 18.95 chs.

S. 10° 39' E., 14.60 chs.

S. 22° 16' E., 30.93 chs. The true point for the meander cor. of secs. 24 and 25, which is witnessed N. 89° 46' E., 4.12 chs. dist., by a brass tablet previously described.

Land, rough and broken sandstone slopes.

Soil, light sand.

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

Thence in sec. 25.

Along rough and broken bank, through medium dense undergrowth.

S. 17° 32' E., 15.76 chs.

S. 19° 44' E., 10.27 chs.

S. 3° 10' W., 6.34 chs.

S. 33° 24' W., 10.27 chs.

S. 44° 00' W., 28.22 chs.

Meanders of the Left Bank of the Colorado River

Chains

S. 42° 41' W., 12.76 chs.

S. 54° 24' W., 15.03 chs.

S. 65° 00' W., 4.60 chs. The true point for the meander cor. of secs. 25 and 36, which is witnessed N. 89° 56' E., 19.60 chs. dist., by a brass tablet previously described.

Land, rough and broken sandstone slopes.

Soil, light sand.

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

Thence in sec. 36.

Along rough and broken bank, through medium dense undergrowth.

S. 73° 37' W., 12.49 chs. The true point for the meander cor. of secs. 35 and 36, which is witnessed S. 0° 02' W., 10.30 chs. dist., by an iron post, previously described.

Land, rough and broken slopes.

Soil, light sand.

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

Thence in sec. 35.

Along rough and broken bank, through medium dense undergrowth.

S. 85° 25' W., 12.54 chs.

S. 83° 57' W., 5.98 chs.

S. 59° 56' W., 8.72 chs.

S. 40° 37' W., 8.14 chs.

S. 13° 40' W., 8.46 chs.

S. 15° 35' E., 8.08 chs.

S. 14° 43' E., 8.27 chs.

S. 3° 39' W., 20.61 chs.

S. 3° 05' E., 19.68 chs. The meander cor. of sec. 35 on the left bank of the river, which is monumented with an iron post, previously described.

Land, rough and broken slopes.

Soil, light sand.

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

Township 41 North, Range 8 East

Chains

GENERAL DESCRIPTION

The land covered by the present survey is located along the breaks of the Colorado River, and along the edges of the river it is badly broken with precipitous sandstone slopes and ledges, from 700 to 900 ft. in height. The country further back develops into a rolling desert, with patches of exposed sandstone bedrock and steep sided sandstone draws.

The soil is a light sand, shifting with the wind, unless anchored by the vegetation. The only timber found is a scrub juniper of no commercial value. The undergrowth consists of sagebrush, bitter brush, cactus, weeds and grass, and affords forage for a limited number of sheep.

Except for the Colorado River which flows southerly through a deep inaccessible canyon, there is no living water in the area. The entire area is in the Federal Reservation established in connection with the Glen Canyon Dam, and most of the installations made in the construction of the dam are in the township. The damsite itself is located in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ and NE $\frac{1}{4}$ SW $\frac{1}{4}$ of sec. 24. The sewage treatment plant of Page, Arizona, is in the E $\frac{1}{2}$ NW $\frac{1}{4}$ of sec. 36. An access tunnel to the power plant starts at the surface in the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of sec. 36 and follows along the E. bank of the river in a general northerly course to an exit at the river level in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 24. U.S. Highway No. 189 cuts diagonally in a northeasterly direction through sec. 36, coming back into the township and crossing the new Glen Canyon bridge in the south half of sec. 24. The south access road to Page leaves U. S. Highway No. 189 in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 36. In addition there are many construction roads and most of sec. 24 is being utilized as a construction area. Most of sec. 36 and the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of sec. 25 is in the Page Townsite.

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BOOK 4583

4-680
(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Max E. Swindle	Principal Assistant
LaVern Griffin	Chainman
Paul D. Hanson	Flagman
Dennis D. Bland	Cornerman
Max R. Porter	Axeman

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~~ completed the survey of the south and east boundaries and the subdivision of Township 41 North, Range 8 East, surveyed a portion of the Page Townsite Boundary and the meanders of a portion of the Colorado River, ~~by photox~~ ~~grammetric 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 4, 1959
Salt Lake City, Utah

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 _____, 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, I have ~~surveyed~~ supervised the completion survey of the south and east boundaries and the subdivision of Township 41 North, Range 8 East, and the survey of a portion of the Page Townsite Boundary and the meanders of a portion of the Colorado River ~~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 4, 1959
Salt Lake City, Utah


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~~ completion survey of the south and east boundaries and the subdivision of Township 41 North, Range 8 East, and the survey of a portion of the Page Townsite Boundary and the meanders of a portion of the Colorado River, ~~by photogrammetric processes,~~ Gila and Salt River Meridian, Arizona executed by Boyd S. Owens, under the supervision of Robert C. Yundt having been critically examined and found correct, are hereby approved.


James B. Clum
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.