

ORIGINAL

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BOOK 5428

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A

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PORTION OF THE EAST BOUNDARY,

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A PORTION OF THE SUBDIVISIONAL LINES,

---

AND

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THE SUBDIVISION OF CERTAIN SECTIONS;

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AND THE ADDITIONAL SUBDIVISION OF SECTION 25

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IN

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TOWNSHIP 41 NORTH, RANGE 8 EAST

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Of the Gila and Salt River Meridian,  
In the State of Arizona

EXECUTED BY

STEPHEN K. HANSEN

Cadastral Surveyor

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Under Special Instructions dated May 9, 1994, approved May 9, 1994, and Supplemental Special Instructions dated May 18, 1994, approved May 19, 1994, which provided for the surveys included under Group Number 773, and assignment instructions dated May 9, 1994.

Survey Commenced May 16, 1994

Survey Completed Sept. 15, 1994

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## T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of certain sections; and the additional subdivision of section 25, in Township 41 North, Range 8 East, Gila and Salt River Meridian, Arizona.

Portions of the 10th Standard Parallel North, the north and west boundaries, the subdivisional lines, and the traverse of the right rim of Glen Canyon of the Colorado River were surveyed by Benjamin J. Kinsey, Surveyor, and Elliott Pearson, Transitman, in 1937. Portions of the south and east boundaries, the subdivisional lines, a portion of the Page Townsite boundary, and the meanders of a portion of the Colorado River were surveyed by Robert C. Yundt and Boyd S. Owens, Cadastral Surveyors, in 1959.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 9, 1994, and the Supplemental Special Instructions, dated May 19, 1994, for Group No. 773, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The survey was performed at the request of the National Park Service, under the authority of 43 U.S.C. 772, 43 U.S.C. 1701 et seq., and 31 U.S.C. 1535. The purpose of the survey was to verify and establish monumentation for the Glen Canyon National Recreation boundary.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Lietz Set 4A total station instrument.

The geographic position of the cor. of secs. 25, 30, 31 and 36, on the east boundary of the township, was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XIII. U.S. Coast and Geodetic Survey triangulation station "ANTELOPE", was used as the control station. The geographic position is as follows:

Latitude: 36°55'04.32" N. Longitude: 111°28'28.30" W. NAD27

T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>The mean magnetic declination, as taken from quadrangle map Page, ARIZ., published by U.S. Geological Survey, in 1985, is 13 1/2° E.</p>
	<p style="text-align: center;">Dependent Resurvey of a Portion of the East Boundary T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona</p>
	<p style="text-align: center;">Restoring the survey executed by Robert C. Yundt and Boyd S. Owens, in 1959</p>
	<p>Beginning at the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T41N R8E R9E S25 S30 S36 S31 1959. Add the marks 1994 to the brass cap, from which an accessory established in 1959</p> <p style="text-align: center;">A sandstone cliff, bears S. 82° E., 308 lks. dist., with XS31B0 chiseled on the W. face.</p> <p>N. 0°04'30" E., bet. secs. 25 and 30.</p>
20.01	<p>The S. 1/16 sec. cor. of secs. 25 and 30, on the E. bdy. of the Tp., and a cor. on the bdy. of the Glen Canyon National Recreation Area and the Page Townsite, monumented with an iron post, 2 1/2 ins. diam., firmly set, 12 ins. below the surface of the ground, with brass cap mkd. T41N R8E R9E S 1/16 S25 S30 PTS 1959. Add the marks 1994 to the brass cap and set a steel fence post alongside the iron post.</p>
	<p style="text-align: center;">N. 0°04'30" E., bet. secs. 25 and 30, common with the bdy. of the Glen Canyon National Recreation Area and the Page Townsite, beginning new measurement.</p>
20.00	<p>The 1/4 sec. cor. of secs. 25 and 30, on the E. bdy. of the Tp., and on a cor. on the bdy. of the Glen Canyon National Recreation Area and the Page Townsite, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T41N R8E R9E 1/4 S25 S30 1959</p>
	<p style="text-align: center;">N. 0°04'30" E., bet. secs. 25 and 30, common with the bdy. of the Glen Canyon National Recreation Area and the Page Townsite, beginning new measurement.</p>

Dependent Resurvey of a Portion of the East Boundary,  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>22.72 Point for the a witness point on the line bet. secs. 25 and 30, and a cor. on the bdy. of the Glen Canyon National Recreation Area and the Page Townsite.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 in. stem, in drill hole, in concrete, on a sandstone ridge, with top mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>WP T41N R8E   R9E S25   S30 GCNRA   PTS 1994</p> </div>
39.98	<p>The cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., and a cor. on the bdy. of the Glen Canyon National Recreation Area and the Page Townsite, monumented with a brass tablet, 3 1/4 ins. diam., flush with the surface of ground, mkd. T41N R8E R9E S24 S19 S25 S30 1959. Add the marks 1994 to the brass tablet.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 41 N., R. 8 E., Gila and Salt River Meridian, Az.</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Robert C. Yundt and Boyd S. Owens, in 1959</p> <hr/> <p>From the cor. of secs. 25, 30, 31 and 36, on the E. bdy. of the Tp., hereinbefore described.</p> <p>S. 89°57' W., on the line bet. secs. 25 and 36.</p>
20.015	<p>The E. 1/16 sec. cor. of secs. 25 and 36, re-established by Myron Gene Jasmann, R.L.S. 7140, in 1990, monumented with a rebar, 1/2 in. diam, 14 ins. long, firmly set, 6 ins. below the surface of ground. This is accepted as careful and faithful re-establishment of the original cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 40 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.015	<p style="text-align: center;">T41N R8E S25 E 1/16 ——— S36 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p> <p>Cor. is located 100 lks. NNW of the present Number 9 Green of the Page Golf Course, and within the golf course limits.</p> <p>Additional accessories were not established at the request of representatives of the City of Page.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 89°57' W., on the line bet. secs. 25 and 36, beginning new measurement.</p> <p>The 1/4 sec. cor. of secs. 25 and 36, and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T41N R8E 1/4 S25 S36 PTS 1959. Add the marks 1994 to the brass cap.</p>
8.37	<p style="text-align: center;">Dep. Res. of a Portion of the Subdivision of Certain Sections, T. 41 N., R. 8 E., Gila and Salt River Meridian, Az.</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Robert C. Yundt and Boyd S. Owens, in 1959</p> <hr/> <p style="text-align: center;">Sec. 25</p> <hr/> <p>From the 1/4 sec. cor. of secs. 25 and 36.</p> <p>N. 0°01' E., on the N. and S. center line of sec. 25, common with the bdy. of the Glen Canyon National Recreational Area and the Page Townsite.</p> <p>Point for a witness point on the N. and S. center line of sec. 25, and a cor. on the bdy. of the Glen Canyon National Recreational Area and the Page Townsite.</p> <p>Set an aluminum post, 28 ins. long, 1 ins. diam., 8 ins. in the ground, in solid sandstone, in a drill hole, in concrete, with brass cap mkd.</p>

Dep. Res. of a Portion of the Subdivision of Certain Sections,  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">                     WP                      T41N R8E                      C                      GCNRA           PTS                      S                 25                      C                      1994                 </p>
	<p>Deposit a magnet, 3/4 ins. diam., 1 ins. long, beneath the stainless steel post.</p>
	<p>Over precipitous cliffs of sandstone, descending into the Glen Canyon of the Colorado River.</p>
<p>9.97</p>	<p>Point for the center S-S 1/64 sec. cor., and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite. falls on the face of cliffs of the Glen Canyon of the Colorado River, where it is impracticable to establish a permanent monument. Not monumented.</p>
<p>19.94</p>	<p>Point for the center S. 1/16 sec. cor. of sec. 25, falls on an inaccessible slope, where it is impracticable to establish a permanent monument. Not monumented.</p>
<p>39.87</p>	<p>True point for the center 1/4 sec. cor. of sec. 25, at proportionate distance; falls on an inaccessible slope, where it is impracticable to establish a permanent monument.</p>
<p>43.76</p>	<p>The witness cor. of the center 1/4 sec. cor. of sec. 25, monumented with an iron post, 1 ins. diam., firmly set, in a drill hole, in sandstone, projecting 10 ins. above ground, with brass cap mkd. T41N R8E C 1/4 S25 WC 1959, with an arrow that points towards the true position. Add the marks 1994 to the brass cap.</p>
	<p>From the 1/4 sec. cor. of secs. 25 and 30, on the E. bdy. of the Tp.</p>
	<p>S. 89°52' W., on the E. and W. center line of sec. 25.</p>
<p>13.48</p>	<p>The witness cor. for the center E. 1/16 sec. cor. of sec. 25, monumented with an iron post, 1 ins. diam., firmly set, in a drill hole, in sandstone, with brass cap mkd. T41N R8E WC E 1/16 C C S25 1959, with an arrow that points towards the true position. Add the marks 1994 to the brass cap.</p>
	<p>S. 89°42' W., beginning new measurement.</p>

Dep. Res. of a Portion of the Subdivision of Certain Sections,  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 6.54</p>	<p>True point for the center E. 1/16 sec. cor. of sec. 25, at proportionate distance; falls on an inaccessible ledge, where it is impracticable to establish a permanent monument.</p>
<p>26.58</p>	<p>The true point for the center 1/4 sec. cor. of sec. 25.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89°57' W., beginning new measurement.</p>
<p>39.98</p>	<p>The 1/4 sec. cor. of secs. 25 and 26, monumented with an iron post, 1 ins. diam., firmly set, projecting 23 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T41N R8E 1/4 S26 S25 1937. Add the marks 1994 to the brass cap.</p> <hr/> <p style="text-align: center;">SE 1/4 Sec. 25</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the E. 1/16 sec. cor. of secs. 25 and 36.</p> <p>N. 0°04' E., on the N. and S. center line of the SE 1/4 of sec. 25.</p>
<p>10.00</p>	<p>The center S-SE 1/64 sec. cor. of sec. 25, and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, established by Myron Gene Jasmann, R.L.S. 7140, in 1990, monumented with a rebar, 1/2 in. diam, 14 ins. long, firmly set, projecting 1 ins. above ground, with affixed washer stamped RLS 7140. This is accepted as careful and faithful establishment of the cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <p>T41N R8E</p> <p>GCNRA</p> <p>S25</p> <p>C-S-SE</p> <p>1/64</p> <p>PTS</p> <p>1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p> <p>Deposit the local rebar inside the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/>



Dep. Res. of a Portion of the Subdivision of Certain Sections,  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
10.00	<p>N. 0°04 E., on the N. and S. center line of the SE 1/4 of sec. 25, common with the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, beginning new measurement.</p> <p>The SE 1/16 sec. cor. of sec. 25, and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, monumented with an iron post, 1 ins. diam., firmly set, in a drill hole, in sandstone, projecting 5 ins. above ground, with brass cap mkd. T41N R8E SE 1/16 PTS S25 1959. Add the marks 1994 to the brass cap.</p>
20.01	<p>From the S. 1/16 sec. cor. of secs. 25 and 30.</p> <p>S. 89°55' W., on the E. and W. center line of the SE 1/4 of sec. 25.</p> <p>The SE 1/4 sec. cor. of sec. 25.</p>
20.00	<p style="text-align: center;">Sec. 36</p> <hr/> <p>From the center S. 1/16 sec. cor. of sec. 36, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T41N R8E C S 1/16 S36 C 1959. Add the marks 1994 to the brass cap.</p> <p>N. 0°04' E., on the N. and S. center line of sec. 36.</p> <p>Point for the center 1/4 sec. cor. of sec. 36, at intersection with the E. and W. center line of sec. 36, falls between ponds on the Page Golf Course, there is no remaining evidence of the original cor. position.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 38 ins. in the ground, encircled with a section of PVC pipe, 10 ins. diam., 30 ins. long, encircled with concrete, with a standard cast iron range box and lid affixed to the top of PVC, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E C 1/4 S36 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p>

Dep. Res. of a Portion of the Subdivision of Certain Sections,  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	True point for the center N. 1/16 sec. cor. of sec. 36, at proportionate distance, there is no remaining evidence of the original cor. position, falls in a sewer pond, where it is impracticable to establish a permanent monument. The position was not monumented and accessories were not established at the request of representatives of the City of Page.
50.00	The center N-N 1/64 sec. cor. of sec. 36, and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. T41N R8E C N N 1/64 S36 PTS C 1959. Add the marks 1994 to the brass cap and set a steel fence post alongside.
	<hr/> <p>N. 0°04' E., on the N. and S. center line of sec. 36, common with the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, beginning new measurement.</p>
10.00	The 1/4 sec. cor. of secs. 25 and 36.
	<hr/> <p>From the 1/4 sec. cor. of secs. 31 and 36, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. T41N R8E R9E 1/4 S36 S31 1959. Add the marks 1994 to the brass cap.</p> <p>S. 89°58' W., on the E. and W. center line of sec. 36.</p>
40.01	The center 1/4 sec. cor. of sec. 36.
60.00	The center W. 1/16 section cor. of sec. 36, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T41N R8E W 1/16 C C S36 1959. Add the marks 1994 to the brass cap.
	<hr/> <p style="text-align: center;">NW 1/4 Sec. 36</p> <hr/> <p>From the center W. 1/16 sec. cor. of sec. 36.</p> <p>N. 0°03' E., on the N. and S. center line of the NW 1/4 of sec. 36.</p>
19.99	The NW 1/16 sec. cor. of sec. 36, and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, at intersection with the E. and W. center line of the NW 1/4 of sec. 36, there is no remaining evidence of the original cor. position.

Dep. Res. of a Portion of the Subdivision of Certain Sections,  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
30.00	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T41N R8E GCNRA NW 1/16 S36 PTS 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p> <p>Continue on the common bdy. of the Glen Canyon National Recreational Area and the Page Townsite.</p> <p>The center N-NW 1/64 sec. cor. of sec. 36, and a cor. of the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite, monumented with an iron post, 1 ins. diam., firmly set, in a drill hole, in sandstone, projecting 8 ins. above ground, with brass cap mkd. T41N R8E C N NW 1/64 S36 PTS C 1959. Add the marks 1994 to the brass cap.</p>
19.99	<p>From the true point of the center N. 1/16 sec. cor. of sec. 36.</p> <p>S. 89°58' W., on the E. and W. center line of the NW 1/4 of sec. 36.</p>
29.99	<p>The NW 1/16 sec. cor. of sec. 36, and a cor. of the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite.</p> <p>The center N-NW 1/64 sec. cor. of sec. 36, monumented with an iron post, 1 ins. diam., firmly set, in a drill hole, in sandstone, encircled with a collar of stone, with brass cap mkd. T41N R8E C N NW 1/64 C S36 PTS 1959. Add the marks 1994 to the brass cap.</p>
19.99	<p>From the center N-N 1/64 sec. cor. of sec. 36.</p> <p>S. 89°59' W., on the E. and W. center of the NE 1/4 of the NW 1/4 of sec. 36, common with the boundaries of the Glen Canyon National Recreational Area, and the Page Townsite.</p> <p>The center N-NW 1/64 sec. cor. of sec. 36, and a cor. on the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite.</p>

Subdivision of Section 25  
T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona

CHAINS	
<p>17.62</p>	<p style="text-align: center;">SW 1/4 of SE 1/4 Sec. 25</p> <hr/> <p>From the center S-SE 1/64 sec. cor. of sec. 25.</p> <p>S. 89°55' W., on the E. and W. center line of the SW 1/4 of the SE 1/4 of sec. 25, common with the bdy. of the Glen Canyon National Recreational Area, and the Page Townsite.</p> <p>Point for a witness point on the E. and W. center line of the SW 1/4 of the SE 1/4 of sec. 25, and a cor. on the bdy. of the Glen Canyon National Recreational Area and the Page Townsite.</p> <p>Set an aluminum post, 28 ins. long, 1 ins. diam., 8 ins. in the ground, in solid sandstone, in a drill hole, in concrete, with brass cap mkd.</p> <p style="text-align: center;">           WP            T41N R8E            GCNRA S            SS ————— SS            PTS 25            1994         </p> <p>Deposit a magnet, 3/4 ins. diam., 1 ins. long, beneath the stainless steel post.</p>
<p>20.02</p>	<p style="text-align: center;">True point for the center S-S 1/64 sec. cor. of sec. 25.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The land encompassed in this survey is located about 1 mile southwesterly of the town of Page, Arizona.</p> <p>Access is provided by U.S. Highway 89A.</p> <p>The land is generally vast and open, with very little timber.</p> <p>No mining activity was noted.</p> <p>The principal use of the area is recreational with some livestock grazing in evidence.</p>



## CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 9 day of May, 1994, and Supplemental Special Instructions bearing date of the 18 day of May, 1994, I have dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of certain sections; and additionally subdivided section 25, in Township 41 North, Range 8 East, 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 special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

2/08/1995

(Date)

Stephen K Hansen

(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines, and the subdivision of certain sections; and the additional subdivision of section 25, in Township 41 North, Range 8 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

FEB 08 1995

(Date)

James A. Tallant

(Acting Chief Cadastral Surveyor of Arizona)

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 CERTIFICATE OF TRANSCRIPT
 

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I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 41 N., R. 8 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

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 (Date)

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 (Acting Chief Cadastral Surveyor of Arizona)
 

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