

Form 9180-6  
(April 1974)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE

SOUTH BOUNDARY AND SUBDIVISIONAL LINES

AND

THE SURVEY OF PORTIONS OF THE

SOUTH BOUNDARY AND SUBDIVISIONAL LINES

AND

THE SURVEY OF THE SUBDIVISION OF SECTIONS 26, 27, AND 35

TOWNSHIP 4 NORTH, RANGE 12 EAST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

COLIN R. KELLEY

CADASTRAL SURVEYOR

Under special instructions dated NOVEMBER 6, 1974, approved NOVEMBER 11, 1974,

EXS 568, which provided for the surveys included under ~~EXS 568~~/Group  
Number 568, and assignment instructions dated JANUARY 30, 1975.

Survey commenced JANUARY 30, 1975

Survey completed FEBRUARY 21, 1975

1A

BOOK 5050

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T. 4 N., R. 12 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the south boundary and the subdivisional lines, and the survey of portions of the south boundary and subdivisional lines, and the survey of the subdivision of sections 26, 27, and 35, of Township 4 North, Range 12 East, Gila and Salt River Meridian, Arizona.

The original survey of Township 4 North, Range 12 East, which included the south boundary of section 36; the east half of the south boundary of section 35; all the boundaries of sections 26, 27, and 36, was executed by Theo F. White, in 1881. The Biological Survey executed certain surveys in sections 26 and 27 in 1934. In 1947, Willard L. Bradley, Engineer, National Park Service, retraced a portion of the boundaries and surveyed a portion of the subdivision lines in sections 26, 27, and 35.

The survey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 568, Arizona, dated November 6, 1974.

The directions of the lines were determined by solar observations. They refer to the true meridian.

Prior to restoration of any corners, all necessary lines of the original survey were retraced and diligent search was made for any evidence of the original monuments and other calls of the official record. Identified corners were remonumented in their original positions. Lost corners were reestablished at proportionate positions, but not until exhausting every reasonable possibility of finding direct evidence of the control of each corner.

The geographic position of the southeast corner of section 35, as scaled from the Geological Survey quadrangle map, "WINDY HILL, ARIZONA," 1964, is as follows:

Latitude 33° 38.2' N. Longitude 111° 05.5' W.

The mean magnetic declination is 14° E.

Dependent Resurvey, Portion of the South Boundary  
T. 4 N., R. 12 E., G&SR Mer., Arizona

Restoring the survey executed by Theo F. White, in 1881

Beginning at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., monumented with a granite stone, 16 x 14 x 8 ins., loosely set, in a mound of stone, 3½ ft. base, 1 ft. high, mkd. with 1 notch on the W. edge.

At the corner point

Set an iron post, 28 ins. long, 2½ ins. diam., 12 ins. in the ground, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.

T4N R12E  
S 35 | S 36  
S 2 | S 1  
T3N

1975

Dependent Resurvey, Portion of the South Boundary  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	Set a steel fence post and bury the mkd. stone alongside the cor.
	N. 89° 54' W., bet. secs. 2 and 35.
	Ascend gradually over gentle E. slope through dense palo verde, mesquite, creosote, and scattered cactus.
18.00	Dry creek bed, 50 lks. wide, course NE.
36.00	Wash, drains NE, ascend over gentle NE slope.
40.13	The 1/4 sec. cor. of secs. 2 and 35, monumented with a granite stone, 16 x 10 x 5 ins., lying loose in center of mound of stone 3 ft. base, 1 ft. high, mkd. 1/4 on the N. face. This cor. was reestablished by W. L. Bradley, Engineer, National Park Service, in 1947.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, 3 ft. base, to the top, with brass cap mkd.
	<div style="text-align: center;"> <p>T4N R12E</p> <p>1/4 <math>\frac{S\ 35}{S\ 2}</math></p> <p>T3N</p> </div>
	1975
	Raise a mound of stone, 3 ft. base, 1½ ft. high, N. of the cor.
	Set a steel fence post and bury the mkd. stone alongside the cor.
	<div style="text-align: center;"> <p>Dependent Resurvey, Portion of the Subdivisional Lines</p> <p>T. 4 N., R. 12 E., G&amp;SR Mer., Arizona</p> </div>
	From the cor. of secs. 1, 2, 35, and 36.
	NORTH, bet. secs. 35 and 36.
	Over mountainous land, through dense palo verde, scattered cactus and brush, gradually descend along gentle NE slope.
5.40	Barbed wire fence, bears S. 70° E. and N. 70° W.
40.08	The 1/4 sec. cor. of secs. 35 and 36, monumented with a granite stone, 14 x 8 x 8 ins., firmly set, projecting 4 ins. above the center of a mound of stone, 3 ft. base, 8 ins. high, and mkd. 1/4 on the W. face.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	<p style="text-align: center;">T4N R12E 1/4 S 35   S 36</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post and bury the mkd. stone alongside the cor.</p> <p>Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of the cor.</p> <p>Cor. is located on a gentle NE slope in dense palo verde.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 06' E., beginning new measurement.</p> <p>2.20 Telephone line, bears S. 54° E. and N. 54° W.</p> <p>4.10 Power line, bears S. 54° E. and N. 54° W.</p> <p>7.10 Center line of Arizona State Highway No. 88, asphalt surfaced, 56 lks. wide, bears S. 54° E. and N. 54° W.</p> <p>29.40 Center of graded gravel road, 30 lks. wide, bears S. 61° E. and N. 61° W.</p> <p>30.40 Telephone line, bears S. 52° E. and N. 52° W.</p> <p>40.05 The cor. of secs. 25, 26, 35, and 36, monumented with a mound of stone, 2½ ft. base, 1 ft. high. This is accepted as the best remaining evidence of the original cor. This cor. was confirmed by W. L. Bradley, Engineer, National Park Service, in 1947.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 3½ ft. base, to the top, with brass cap mkd.</p> <p style="text-align: center;">T4N R12E S 26   S 25 S 35   S 36</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 15 lks. W. of a dry creek bed, 23 lks. wide, drains NE.</p> <hr style="width: 50%; margin: 10px auto;"/> <p>N. 0° 19' W., bet. secs. 25 and 26.</p> <p>Descend gradually over rolling land, through dense palo verde, creosote and mesquite.</p> <p>25.20 Center of graded gravel road, 60 lks. wide, bears N. 30° E. and S. 30° W.</p>

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS													
40.35	<p>The 1/4 sec. cor. of secs. 25 and 26, monumented with a sandstone, 18 x 8 x 5 ins., firmly set, projecting 8 ins. above the center of a mound of stone, 3 ft. base, 6 ins. high, mkd. 1/4 on the E. face and V on top, set by W. L. Bradley, Engineer, National Park Service, in 1947.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T4N R12E 1/4</p> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 26</td> <td style="padding: 0 5px;">S 25</td> </tr> </table> <p>1975</p> </div> <p>Set a steel fence post and bury the mkd. stone alongside the cor.</p> <p>Cor. is located in a low area, in dense palo verde, about 5 chs. W. of a graded gravel road, which winds N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 17' W., beginning new measurement.</p>	S 26	S 25										
S 26	S 25												
37.40	<p>Center of graded gravel road, 36 lks. wide, bears N. 67½° E., and S. 82½° W.</p>												
38.30	<p>Center of graded gravel road, 23 lks. wide, bears S. 38½° E. and N. 51½° W.</p>												
40.36	<p>The cor. of secs. 23, 24, 25, and 26, monumented with a brass cap, 3 ins. diam., set in top of a concrete cylinder, 3 ins. diam., projecting 9 ins. above the center of a mound of stone, 2½ ft. base, set by the Biological Survey in 1934 and is accepted as the best available evidence of the original cor., with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td colspan="2" style="border: 1px solid black; padding: 2px;">61</td> </tr> <tr> <td colspan="2">T4N</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 23</td> <td style="padding: 0 5px;">S 24</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 26</td> <td style="padding: 0 5px;">S 25</td> </tr> <tr> <td colspan="2">R12E</td> </tr> <tr> <td colspan="2">1934</td> </tr> </table> </div>	61		T4N		S 23	S 24	S 26	S 25	R12E		1934	
61													
T4N													
S 23	S 24												
S 26	S 25												
R12E													
1934													
	<p>From the cor. of secs. 25, 26, 35, and 36.</p> <p>N. 89° 58' W., bet. secs. 26 and 35.</p> <p>Over rolling land, through dense palo verde, creosote, mesquite, and scattered cactus.</p>												
8.50	<p>Center of graded, gravel road, 69 lks. wide, bears S. 5° E. and N. 5° W.</p>												
21.00	<p>Telephone line, bears N. 52° E. and S. 52° W.</p>												

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
24.50	Center of dirt road, 23 lks. wide, bears S. 59° E. and N. 59° W.
40.13	The 1/4 sec. cor. of secs. 26 and 35, monumented with a sandstone, 12 x 9 x 6 ins., loosely set, in center of a mound of stone, 3½ ft. base, 1½ ft. high, and mkd. with a cross on top. This is accepted as the best available evidence of the original corner.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, 3 ft. base, to the top, with brass cap mkd.
	<p>T4N R12E 1/4 <math>\frac{S\ 26}{S\ 35}</math></p>
	1975
	Raise a mound of stone, 3½ ft. base, 1½ ft. high, N. of the cor.
	Set a steel fence post and bury the mkd. stone alongside the cor.
	Cor. is located in dense palo verde and is about 260 ft. N. of the Arizona State Highway No. 88.
	N. 89° 50' W., beginning new measurement.
6.00	Center line of Arizona State Highway No. 88, asphalt surfaced, 56 lks. wide, bears S. 54° E. and N. 54° W.
10.10	Power line, bears S. 54° E. and N. 54° W.
12.70	Telephone line, bears S. 54° E. and N. 54° W.
21.50	Barbed wire fence, bears N. 46° E. and S. 46° W.
40.18	The cor. of secs. 26 , 27, 34, and 35, monumented with a granite stone, 20 x 8 x 6 ins., firmly set, projecting 14 ins. above the center of a mound of stone, 3½ ft. base, 14 ins. high, and mkd. with 1 groove on the S. face, 2 grooves on the E. face, and a cross on top.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.
	<p>T4N R12E S 27   S 26 S 34   S 35</p>
	1975
	Set a steel fence post and bury the mkd. stone alongside the iron post.

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	N. 0° 01' E., between secs. 26 and 27.
	Descend gradually over gentle N. slope, through dense palo verde, mesquite, and scattered cactus.
19.70	Telephone line, bears S. 54° E. and N. 54° W.
21.50	Power line, bears S. 54° E. and N. 54° W.
24.40	Center line of Arizona State Highway No. 88, asphalt surfaced, 56 lks. wide, bears S. 54° E. and N. 54° W.
29.70	Telephone line, 1 wire, bears N. 34° E. and S. 34° W.
40.02	Barbed wire fence, bears E. and W.
40.05	The 1/4 sec. cor. of secs. 26 and 27, monumented with a sandstone, 12 x 8 x 4 ins., loosely set, in center of a mound of stone, 3½ ft. base, 1 ft. high, and mkd. with a cross and 1/4 on top.
	At the corner point
	Set an iron post, 28 ins. long, 2½ ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	<p>T4N R12E 1/4 S 27   S 26 1975</p>
	Bury the mkd. stone in the supporting mound.
	Set a steel fence post alongside the cor.
	<hr/>
	N. 0° 56' W., beginning new measurement.
2.90	Center of dirt road, 30 lks. wide, bears S. 37° E. and N. 37° W.
4.70	Telephone line, bears S. 56° E. and N. 56° W.
20.79	The N 1/16 sec. cor. of secs. 26 and 27, monumented with a brass cap, 3 ins. diam., set in top of a concrete cylinder, 3 ins. diam., projecting 6 ins. above the center of a mound of stone, 2½ ft. base, 1 ft. high, set by the Biological Survey, with brass cap mkd.
	<p>63 T4N 1/16 S 27   S 26 R12E 1934</p> <hr/>

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS								
14.70	<p>N. 0° 08' E., beginning new measurement.</p> <p>Point selected for the witness cor. to the cor. of secs. 22, 23, 26, and 27.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>W C</p> <p>↑</p> <table border="1" style="margin: auto;"> <tr> <td>T4N</td> <td>R12E</td> </tr> <tr> <td>S 22</td> <td>S 23</td> </tr> <tr> <td>S 27</td> <td>S 26</td> </tr> </table> <p>1975</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on an old canal bank, 23 lks. wide, in dense mesquite and palo verde.</p>	T4N	R12E	S 22	S 23	S 27	S 26	
T4N	R12E							
S 22	S 23							
S 27	S 26							
20.06	<p>True point for the cor. of secs. 22, 23, 26, and 27, at proportionate distance; there is no remaining evidence of the original cor. The cor. point falls in low lying flood area of Lake Roosevelt, not suitable for permanent monumentation.</p> <p>From this point, the cor. of secs. 2, 3, 10, and 11, across Lake Roosevelt, bears NORTH, 240.81 chs. dist., monumented with a granite stone, 18 x 12 x 12 ins., firmly set, projecting 10 ins. above the ground, mkd. with 5 notches on the S. edge and 2 notches on the E. edge, and a mound of stone, 3 ft. base, 1 ft. high, N. of the cor.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1" style="margin: auto;"> <tr> <td>T4N</td> <td>R12E</td> </tr> <tr> <td>S 3</td> <td>S 2</td> </tr> <tr> <td>S 10</td> <td>S 11</td> </tr> </table> <p>1975</p> </div> <p>Set a steel fence post and bury the mkd. stone alongside the iron post.</p> <p>This control line was fully retraced and no evidence of the intervening cors. was found.</p>	T4N	R12E	S 3	S 2	S 10	S 11	
T4N	R12E							
S 3	S 2							
S 10	S 11							
1.80	<p>From the cor. of secs. 23, 24, 25, and 26.</p> <p>N. 89° 45' W., bet. secs. 23 and 26.</p> <p>Over rolling land, through dense palo verde, creosote, and mesquite.</p> <p>Center of trail road, 15 lks. wide, bears SE and NW.</p>							

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
2.40	Center of trail road, 15 lks. wide, bears SE and NW.
27.00	Center of graded gravel road, 23 lks. wide, bears SE and NW.
40.08	Point for the 1/4 sec. cor. of secs. 23 and 26, at proportionate distance; there is no remaining evidence of the original corner.  Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <p>T4N R12E 1/4 <math>\frac{S\ 23}{S\ 26}</math></p> <p>1975</p> </div> Set a steel fence post alongside the cor.  Raise a mound of stone, 2½ ft. base, 1½ ft. high, N. of the cor.  From this point, a mound of stone, 2½ ft. base, 1 ft. high, set by W. L. Bradley, Engineer, National Park Service, in 1947, bears N. 1° 40' E., 1.85 chs. dist.  Cor. is located on a gentle NW slope in dense creosote and scattered brush.
80.16	The cor. of secs. 22, 23, 26, and 27. <hr/> From the cor. of secs. 26, 27, 34, and 35.  N. 89° 40' W., bet. secs. 27 and 34.  Over mountainous land, through dense palo verde, mesquite, and creosote.
2.00	Dry creek bed, 40 lks. wide, drains NW.
3.90	Telephone line, bears N. 2° W. and S. 2° E.
39.60	The 1/4 sec. cor. of secs. 27 and 34, monumented with a sandstone, 16 x 5 x 3 ins., projecting 14 ins. above a mound of stone, 3 ft. base, 1½ ft. high, mkd. 1/4 on N. face. This cor. will now function as the 1/4 sec. cor. of sec. 27, only.  At the corner point  Set an iron post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3½ ft. base, to the top, with brass cap mkd.  <div style="text-align: center;"> <p>T4N R12E 1/4 <math>\frac{S\ 27}{S\ 27}</math></p> <p>1975</p> </div> Set a steel fence post and bury the mkd. stone alongside the cor.  Cor. is located on a steep NE slope 30 lks. S. of a barbed wire fence, bears N. 70° E. and S. 70° W.

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS		
	N. 89° 58' W., beginning new measurement.	
0.30	Point for the 1/4 sec. cor. of sec. 34 only, not monumented, hereinafter described.	
1.30	Barbed wire fence, bears N. 70° E. and S. 70° W.	
2.00	Spur, slopes NW.	
29.20	Spur, slopes N.	
39.63	The cor. of secs. 27, 28, <sup>33</sup> <del>34</del> , and <sup>34</sup> <del>35</del> , monumented with a granite stone, 16 x 10 x 5 ins., projecting 15 ins. above a mound of stone, 3½ ft. base, 20 ins. high, with no visible mks. on the stone. This cor. will now function as the cor. of secs. 27 and 28 only.	Collection W.O. Memo 5-3-78.
	At the corner point	
	Set an iron post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground, and in a mound of stone, 3½ ft. base, to the top, with brass cap mkd.	
	T4N R12W S 28   S 27 S 34 1975	
	Set a steel fence post alongside the cor.	
	N. 0° 01' E., bet. secs. 27 and 28.	
	Over mountainous land, through scattered brush and cactus.	
4.60	Dry creek bed, 20 lks. wide, drains NE.	
31.90	Spur, slopes NE.	
39.48	The 1/4 sec. cor. of secs. 27 and 28, monumented with a scattered mound of stone, 4 ft. base, 3 ins. high. This cor. is accepted as the best available evidence of the original cor. This cor. was confirmed by W. L. Bradley, Engineer, National Park Service, in 1947.	
	At the corner point	
	Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.	
	T4N R12E 1/4 S 28   S 27 1975	
	Raise a mound of stone, 3 ft. base, 1½ ft. high, W. of the cor.	
	Set a steel fence post alongside the cor.	

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	N. 2° 04' W., beginning new measurement.  Ascend SE slope.
5.30	Top of ascent, descend NW slope.
20.70	Power line, bears N. 71½° E. and S. 71½° W.
26.70	Power line, bears S. 72° E. and N. 72° W.
33.10	Telephone line, bears S. 60° E. and N. 60° W.
38.80	Center line of Arizona State Highway No. 88, asphalt surfaced, 56 lks. wide, bears S. 72° E. and N. 72° W.
40.70	Center of graded gravel road, 27 lks. wide, bears N. 83½° E. and S. 83½° W.
41.41	The cor. of secs. 21, 22, 27, and 28, monumented with a brass cap, 3 ins. diam., set in a concrete cylinder, 3 ins. diam., projecting 8 ins. above the ground, set by the Biological Survey and is accepted as the best available evidence of the original cor., with brass cap mkd.
	<p>T4N  <math>\frac{S\ 21\   S\ 22}{S\ 28\   S\ 27}</math>                      R12E</p> <p>1934</p>
	From this point, United States Coast and Geodetic Survey triangulation Station "Roosevelt 1946", bears N. 62° 13' W., 32.00 chs. dist., monumented with a standard brass cap, 3½ ins. diam., firmly cemented into a concrete block, 9 ins. square, flush with the ground, with top mkd. Roosevelt 1946 and a triangle.
	From the cor. of secs. 22, 23, 26, and 27.  N. 89° 53' W., bet. secs. 22 and 27.  Over rolling land, through dense palo verde, mesquite and creosote.
40.21	The 1/4 sec. cor. of secs. 22 and 27, monumented with a concrete cylinder, 3 ins. diam., projecting 8 ins. above the ground, in the center of a mound of stone, 3½ ft. base, to top, set by the Biological Survey and is accepted as the best available evidence of the original cor. A 3 ins. brass cap was found laying alongside mkd.
	<p><span style="border: 1px solid black; padding: 2px;">65</span>                      T4N                      1/4 <math>\frac{S\ 22}{S\ 27}</math>                      R12E</p> <p>1934</p>

Dependent Resurvey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	N. 89° 50' W., beginning new measurement.
40.22	The cor. of secs. 21, 22, 27, and 28.
<p>Survey of a Portion of the S. Bdy. T. 4 N., R. 12 E., G&amp;SR Mer., Arizona</p>	
<p>The solar method of establishing a true parallel of latitude was employed in the survey of the following township line.</p> <p>From the 1/4 sec. cor. of secs. 2 and 35.</p> <p>WEST, bet. secs. 2 and 35.</p> <p>Over mountainous land, ascend over gentle NE slope.</p>	
1.90	Top of ascent, slopes NE, thence descend gentle NW slope.
6.60	Wash, drains NE, ascend steep SE slope.
40.00	Point for the cor. of secs. 2, 3, 34, and 35.
<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, 2 ft. base, to top, with brass cap mkd.</p>	
<p>T4N R12E S 34   S 35 S 3   S 2 T3N  1975</p>	
<p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on steep SE slope.</p> <p>Land, mountainous. Soil, rocky and poor. No timber, scattered cactus.</p>	
<p>WEST, bet. secs. 3 and 34.</p> <p>Over mountainous land, ascend over precipitious bluff.</p>	
3.50	Top of bluff, 70 ft. high, bears N. and S., ascend over NE slope.
10.30	Spur, slopes S. 37° W., descend steep NW slope.
24.10	Bottom of canyon, drains NE, ascend steep SE slope.
36.20	Wash, drains SE, continue along steep SE slope.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 34.
<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, 2 ft. base, to top, with brass cap mkd.</p>	

Survey of a Portion of the S. Bdy.  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS		
	<p>T4N R12E 1/4 <math>\frac{S\ 34}{S\ 3}</math> T3N  1975</p>	
	<p>Raise a mound of stone, 3½ ft. base, 1½ ft. high, N. of the cor.</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on a steep SE slope.</p>	
74.60	Top of ascent, spur, slopes N. 54° E., descend along steep NW slope.	
80.00	Point for the cor. of secs. 3, 4, 33, and 34.	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, 3 ft. base, to top, with brass cap mkd.</p>	
	<p>T4N R12E <math>\frac{S\ 33\   S\ 34}{S\ 4\   S\ 3}</math> T3N  1975</p>	
	<p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on a steep NW slope.</p> <p>Land, mountainous. Soil, rocky and poor. No timber, scattered cactus.</p>	
<p>Survey, Portion of the Subdivisional Lines T. 4 N., R. 12 E., G&amp;SR Mer., Arizona</p>		
	<p>From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp.</p> <p>N. 0° 19' W., bet. secs. 34 and 35.</p> <p>Descend gradually, along steep NE slope.</p>	
23.00	Saddle on ridge, bears NW and SE.	
32.00	Ascend steep SE slope.	
37.70	Spur, slopes NE, descend NW slope.	
40.15	<p>The 1/4 sec. cor. of secs. 34 and 35, monumented with a granite stone, 14 x 6 x 4 ins., firmly set, projecting 8 ins. above the center of a mound of stone, 3 ft. base, 1½ ft. high, mkd. 1/4 on E. face and a cross on center top of stone, set by Willard L. Bradley, Engineer, National Park Service, in 1946.</p> <p>At the corner point</p>	

Survey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, 2 ft. base, to the top, with brass cap mkd.</p> <p style="text-align: center;">T4N R12E 1/4 S 34   S 35 1975</p> <p>from which</p> <p>The center of the upper cliff dwelling ruin, Tonto National Monument, bears S. 58° 19' W., 39.17 chs. dist. (The ruin is 2.23 chs. long).</p> <p>The center of the lower cliff dwelling ruin, Tonto National Monument, bears S. 86° 29' W., 32.14 chs. dist. (The ruin is 1.92 chs. long).</p> <p>Set a steel fence post and bury the mkd. stone alongside the cor.</p> <p>Cor. is located on a steep NE slope.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 06' E., beginning new measurement.</p>
6.90	Barbed wire fence, bears N. 31° E. and S. 31° W.
12.00	Descend over steep NW slope.
25.00	End of steep descent, gradually descend gentle NW slope.
27.10	Center line of asphalt surface road, 27 lks. wide, bears N. 29° E. and S. 29° W.
29.60	Telephone line, bears S. 47° E. and N. 47° W.
29.70	Center of trail road, 15 lks. wide, bears S. 47° E. and N. 47° W.
40.04	The cor. of secs. 26, 27, 34, and 35.
	<hr/> <p>From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp.</p> <p>NORTH, bet. secs. 33 and 34.</p> <p>Over mountainous land, descend steep NW slope.</p>
9.50	Wash, drains NE, ascend steep SE slope.
24.40	Spur, slopes SW, descnd steep NW slope.
39.70	Bottom of descent, wash, 98 lks. wide, drains NW.
40.20	Point for the 1/4 sec. cor. of secs. 33 and 34.

Survey, Portion of the Subdivisional Lines  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T4N R12E 1/4</p> <p style="text-align: center;">S 33   S 34</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on the upper N. edge of the wash, about 48 lks. from the center of the wash.</p> <p>Ascend along NW slope.</p>
44.80	Begin gradual descent along W. slope.
62.70	End descent, begin gradual ascent along same slope.
71.70	Descend along NW slope.
80.40	Point for the cor. of secs. 33 and 34 only.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T4N R12E S 28 S 33   S 34</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post alongside the cor.</p> <p>From this point, the cor. of secs. 27 and 28 only, bears EAST, 0.570 chs. dist., hereinbefore described.</p> <p>Cor. is located on a steep N. to NW slope.</p>
	<p>The point for the 1/4 sec. cor. of sec. 34 only, is at midpoint on the N. bdy. of sec. 34, not monumented.</p> <p>From this point, the 1/4 sec. cor. of sec. 27 bears S. 89° 58' E., 0.30 chs. dist., hereinbefore described.</p>
	<p>Subdivision of Section 26 T. 4 N., R. 12 E., G&amp;SR Mer., Arizona</p>
	<p>From the 1/4 sec. cor. of secs. 26 and 35.</p> <p>N. 0° 15' W., along the N. and S. center line of sec. 26.</p> <p>Over rolling land, through dense palo verde and creosote.</p>

Subdivision of Section 26  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
40.25	<p>The center 1/4 sec. cor. of sec. 26, monumented with a granite stone, 16 x 8 x 4 ins., firmly set, projecting 6 ins. above ground, in the center of a mound of stone, 3 ft. base, 10 ins. high, mkd. with a cross on top, and C-26 on the S. face, set by W. L. Bradley, Engineer, National Park Service, in 1947.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T4N R12E C 1/4 S 26</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post and bury the mkd. stone alongside the cor.</p> <p>Cor. is located 1½ lks. W. of a fence, bearing N. and S.</p> <p style="text-align: center;">_____</p> <p>N. 0° 18' W., beginning new measurement.</p>
40.62	<p>The 1/4 sec. cor. of secs. 23 and 26.</p>
40.08	<p>From the 1/4 sec. cor. of secs. 25 and 26.</p> <p>S. 89° 53' W., on the E. and W. center line of sec. 26.</p>
40.00	<p>The center 1/4 sec. cor. of sec. 26.</p> <p style="text-align: center;">_____</p> <p>S. 89° 53' W., beginning new measurement.</p>
40.00	<p>The 1/4 sec. cor. of secs. 26 and 27.</p>
	<p style="text-align: center;">Subdivision of Section 27</p>
	<p>From the 1/4 sec. cor. of sec. 27 only.</p> <p>N. 0° 39' W., on the N. and S. center line of sec. 27.</p> <p>Descend steep NE slope.</p>
39.67	<p>The center 1/4 sec. cor. of sec. 27, monumented with a limestone, 14 x 6 x 4 ins., firmly set, projecting 8 ins. above ground, in the center of a mound of stone, 3½ ft. base, 1½ ft. high, mkd. with a cross on top, and C-27 on the E. face, set by W. L. Bradley, Engineer, National Park Service, in 1947.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.</p>

Subdivision of Section 27  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
<p>41.09</p>	<p style="text-align: center;">T4N R12E C 1/4 S 27</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post and bury the mkd. stone alongside the cor.</p> <p>Cor. is located on a gentle NE slope in dense palo verde.</p> <hr/> <p>N. 0° 35' W., beginning new measurement.</p> <p>The 1/4 sec. cor. of secs. 22 and 27.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 26 and 27.</p> <p>S. 89° 48' W., on the E. and W. center line of sec. 27.</p> <p>The center 1/4 sec. cor. of sec. 27.</p> <hr/> <p>S. 89° 45' W., beginning new measurment.</p> <p>The 1/4 sec. cor. of secs. 27 and 28.</p>
<p>40.07</p> <p>40.06</p>	<p style="text-align: center;">Subdivision of Section 35</p> <hr/> <p>From the 1/4 sec. cor. of secs. 2 and 35.</p> <p>N. 0° 01' E., along the N. and S. center line of sec. 35.</p> <p>Over rolling land, through scattered palo verde, juniper, and brush.</p> <p>The center 1/4 sec. cor. of sec. 35, monumented with a sandstone, 26 x 8 x 6 ins., firmly set, projecting 12 ins. above ground, in the center of a mound of stone, 3 ft. base, 1 ft. high, mkd. with a cross on top, and C-35 on the W. face, set by W. L. Bradley, Engineer, National Park Service, in 1947.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T4N R12E C 1/4 S 35</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post, and bury the mkd. stone alongside the cor.</p> <p>Cor. is located on a gentle NE slope, 15 ft. N. of a wash, which drains NE.</p> <hr/> <p>N. 0° 03' E., beginning new measurement.</p>

Subdivision of Section 35  
T. 4 N., R. 12 E., G&SR Mer., Arizona

CHAINS	
40.02	The 1/4 sec. cor. of secs. 26 and 35.
	From the 1/4 sec. cor. of secs. 35 and 36.
	N. 89° 56' W., on the E. and W. center line of sec. 35.
40.12	The center 1/4 sec. cor. of sec. 35.
	N. 89° 53' W., beginning new measurement.
40.23	The 1/4 sec. cor. of secs. 34 and 35.
GENERAL DESCRIPTION	
<p>The land encompassed in this survey is located near the east edge of Roosevelt, Arizona, and about 28 miles northwest of Globe, Arizona. The area can be reached by means of Arizona State Highway 88, which crosses through portions of sections 26, 27, and 35. A paved asphalt road leaves the highway in section 26 and extends for about one mile, to the Tonto National Monument headquarters, located in section 34. There are numerous gravel and dirt roads and trails in sections 26 and 27.</p>	
<p>The elevation ranges from 4000 feet above sea level in the southwest 1/4 of section 34, to about 2100 feet near Lake Roosevelt, including the north boundaries of sections 26 and 27. All of section 34, the southwest 1/4 of section 27, and most of the west 1/2 of section 35 are mountainous, and the rest of the area is rolling hills. A number of washes and dry creeks, which drain generally NNE, take any excess amounts of water, which are rare, into Lake Roosevelt.</p>	
<p>There are no timber trees in the area, but dense palo verde and scattered juniper in some of the lower areas, with a scattering of jojoba, mesquite and creosote. Cholla cactus abounds in the region, saguaro cactus is scattered throughout the higher elevations. The soil is predominately rocky with a scattering of native grasses.</p>	
<p>The principal use of the area is recreation, predominantly fishing and visits to the cliff ruins at the Tonto National Monument. Some cattle grazing exists in lower areas.</p>	
<p>Improvements include the Tonto National Monument headquarters in section 34, and some park buildings located in the NW 1/4 of section 35. There are also some scattered fences throughout the areas.</p>	
<p>No mineral deposits of any consequence exist in the sections involved in this survey.</p>	

CHAINS		
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CERTIFICATE OF SURVEY

(I) ~~(XX)~~, Colin R. Kelley, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 6th day of November, 1974, (I) ~~(XX)~~ have dependently resurveyed portions of the south boundary and the subdivisional lines, surveyed portions of the south boundary and subdivisional lines, and subdivided sections 26, 27, and 35, Township 4 North, Range 12 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), ~~(XX)~~ and under (my) ~~(XX)~~ 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.

February 2, 1977  
(Date)

*Colin R. Kelley*  
COLIN R. KELLEY (Cadastral Surveyor)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Washington, D.C.

The foregoing field notes of the dependent resurvey of portions of the south boundary and subdivisional lines, the survey of portions of the south boundary and subdivisional lines with the subdivision of sections 26, 27, and 35 of Township 4 North, Range 12 East, Gila and Salt River Meridian, Arizona

executed by Colin R. Kelley, Cadastral Surveyor

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

FEB 17 1978  
(Date)

*J. Voorhees*  
Acting (Chief, Division of Cadastral Survey)

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.

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Chief, Division of Cadastral Survey) GPO 849-626



United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
WASHINGTON, D.C. 20240

9600(420)  
Group 568  
Arizona

RECEIVED

May 3, 1978 B. L. M. AZ STATE OFFICE

ARIZONA STATE OFFICE	
BU. LAND MANAGEMENT	
MAY 9 '78	
SD	_____
ASSOC. SD	_____
PCS	_____
RESOURCES	_____
TECH SER	_____
MGM'T SER	_____
PUB. AFF	_____
CF	_____
_____	ACTION
_____	INFO.
_____	SEE ME

Memorandum

MAY 9 1978

To: State Director, Arizona

10:00 A.M.  
PHOENIX, ARIZONA

From: Chief, Division of Cadastral Survey

Subject: Field Notes, T. 4 N., R. 12 E., G&SRM, Arizona

In accordance with a telecon between Mr. Boyd Owens in your office and Mr. Louis Gilbert of this office you are hereby authorized to make a marginal notation in the field notes of a survey accepted February 17, 1978.

According to Mr. Owens the section corner diagram for the cor. of secs. 27, 28, 33 and 34 on page 9 of the field notes reflect secs. 27, 28, 34 and 35.

Please make the necessary corrections, and in the margin reference this memorandum.

A copy of this memorandum is being forwarded to the Eastern States Office in order that the duplicate set of field notes can be corrected.

*Bernard W. Fisher*

