

In November 2005,  
when the files were moved into the new filing system the

    **X**     FIELD NOTES

were found missing.

They are filmed on the microfiche for the township.

The attached

is a print

from the microfiche

VOLUME

R 5 1 8 6

Form 9600-9  
(December 1979)  
(formerly 9180-6)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

# FIELD NOTES

OF THE  
DEPENDENT RESURVEY OF THE  
SAN CARLOS INDIAN RESERVATION  
BETWEEN THE 64TH AND 67TH MILE CORNERS.

AND A  
METES-AND-BOUNDS SURVEY OF  
TRACT 38  
IN UNSURVEYED  
TOWNSHIP 1 SOUTH, RANGE 16 EAST

Of the GILA AND SALT RIVER Meridian,  
In the State of ARIZONA

### EXECUTED BY

PAUL L. REEVES, CADASTRAL SURVEYOR

Under special instructions dated JANUARY 14, 19 82, approved JANUARY 14, 1982.

\_\_\_\_\_, which provided for the surveys included under U.S. Survey/Group  
Number 629, and assignment instructions dated JANUARY 14, 19 82.

Survey commenced JANUARY 19, 19 82

Survey completed FEBRUARY 1, 19 82

# INDEX DIAGRAM

UNSURVEYED

Township 1 SOUTH, Range 16 EAST

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West Boundary San Carlos Indian Reservation

65th mile --pp 4-5

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67th mile --pp 6-7

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T. 1 S., R. 16 E., Gila and Salt River Mer., Arizona

## CHAINS

The history of surveys of Township 1 South, Range 16 East, Gila and Salt River Meridian, Arizona, is as follows:

The west boundary of the San Carlos Indian Reservation was surveyed through the township in 1890 by John C. Smith. Portions of the north boundary (Gila and Salt River Base Line) were surveyed in 1910 by Roscoe C. Ham and in 1915 by H.L. Baldwin. The west boundary was surveyed in 1914 by Sidney E. Blout. The south boundary outside the San Carlos Indian Reservation was surveyed in 1923 by Roger F. Wilson. Homestead Entry Survey No. 118 was surveyed in 1914 by W.G. Turley. Exchange Survey No. 653 was surveyed in 1927 by Thomas Myers. Tract No. 37 was surveyed in 1970 by William H. Teller.

The following field notes are those of the dependent resurvey of the San Carlos Indian Reservation between the 64th and 67th Mile Corners, and a metes-and-bounds survey of Tract 38 in unsurveyed Township 1 South, Range 16 East, Gila and Salt River Meridian, Arizona.

The directions of lines were determined from U.S. Geological Survey Bench Mark 3168, verified by direct solar observations and refer to the true meridian. Distances were determined with a Hewlett Packard 3820A Total Station.

The survey and resurvey were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 629, Arizona, dated January 14, 1982.

Preliminary to the resurvey the lines of the original survey were retraced and search was made for all corners and other calls of record. Identified corners were re-monumented 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 geographic position of the 67th Mi. Cor. on the west boundary of the San Carlos Indian Reservation, as determined from a tie to U.S. Geological Survey Bench Mark 3168, is as follows:

Latitude: 33°20'35.58" N Longitude: 110°43'17.19" W

The mean magnetic declination is 13°30' E.

Dependent Resurvey of a Portion of the West Boundary  
San Carlos Indian Reservation, Arizona

Restoring the 1890 survey by John C. Smith

Beginning at the 64 Mi. Cor., monumented with a granite stone, 16 X 8 X 6 ins., lying on side, mkd. W M I R WB 64 M.

At the cor. point

Dependent Resurvey of a Portion of the West Boundary  
San Carlos Indian Reservation, Arizona

CHAINS	Set an aluminum post, 30 ins. long, $\frac{1}{2}$ in. diam., 25 ins. in the ground, with cap mkd.
	<p style="text-align: center;">                     TIN / SCIR                      R16E / 64 M                      S31 / 1982                 </p>
	<p>Raise a mound of stone, 2<math>\frac{1}{2}</math> ft. base, 1 ft. high, E of cor.</p> <p>Bury the original stone inside the mound.</p> <p>Cor. is located in a fence line, bears N. 8 1/4° E. and S. 8 1/4° W.</p> <p>S. 8°22' W., on the 65th mile of the San Carlos Indian Reservation.</p> <p>Over rolling land, through medium oak brush, crucifixion thorn, mesquite, yucca, cacti and scattered juniper.</p>
39.95	<p>Point for the 64<math>\frac{1}{2}</math> Mi. Cor., at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an aluminum post, 36 ins. long, <math>\frac{1}{2}</math> in. diam., 30 ins. in the ground, in a mound of stone, 2 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">                     TIN / SCIR                      R16E / 64<math>\frac{1}{2}</math> M                      S31 / 1982                 </p>
	<p>Cor. is located 10 lks. E of a fence line, bears N. 8 1/4° E. and S. 8 1/4° W., and in a draw, drains E to NE.</p>
42.42	<p>The closing cor. of sec. 31, on the Gila and Salt River Base Line, bears West, 5 lks. dist., monumented with an iron post, 3 ins. diam., projecting 16 ins. above ground, in a scattered mound of stone, with brass cap mkd.</p> <p style="text-align: center;">                     SC                      TIN / R16E                      R16E / R16E                      S34 / S34                      CC / WMIR                      WB                      1915                 </p>
	<p>Thence, within unsurveyed T. 1 S., R. 16 E., Gila and Salt River Meridian, Arizona.</p> <p>Continue with the above course and measurement of line.</p>
79.90	<p>The 65 Mi. Cor., monumented with a granite stone, 14 x 10 x 8 ins., projecting 3 ins. above ground, mkd. W M I R WB 65 M on E face, with scattered mound of stone S.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 18 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the West Boundary  
San Carlos Indian Reservation, Arizona

boundary  
diam., 25 ins.  
high, E of  
1/4° E. and  
San Carlos Indian  
crucifixion  
juniper.  
e dist.; there  
diam., 30 ins.  
base, to top,  
bears  
w, drains E  
Salt River  
nted with an  
above ground,  
cap mkd.  
Gila and  
ment of line.  
stone, 14 x 10  
mkd. W M I R W B  
one S.  
diam., 18 ins. in

CHAINS

PL / SCIR  
65M  
1982

Bury original stone alongside cor.  
Raise a mound of stone, 2 ft. base, 1 ft. high, E of cor.  
Cor. is located 77 lks. W of a fence line, bears  
N. 8° E. and S. 8° W.

From this point U.S. Geological Survey Bench Mark 3168,  
bears S. 71°46'02" E., 310.508 chs. dist., monumented  
with an iron post, 3 1/4 ins. diam., projecting 8 ins. above  
ground, with standard brass cap attached and mkd.  
"3167.294 PHNX". The geodetic position as published by  
U.S.G.S. is:

Latitude: 33°21'15.971" N Longitude: 110°39'09.655" W

S. 8°24' W., beginning new measurement on the 66th mile  
of the San Carlos Indian Reservation.

30.805 Intersect the southerly 100 ft. right-of-way of State  
Highway No. 70.

Point for Cor. 1 of Tract 38.

Set an aluminum post, 30 ins. long, 1/2 in. diam., 22 ins.  
in the ground, in a mound of stone, 2 ft. base, to top,  
with cap mkd.

COR 1  
TR38  
TIS  
R16E  
1982

A fence cor., bears N. 73° E., 60.5 lks. dist., fences  
extend S. 64 1/2° E., S. 8 1/2° W. and N. 70° W.

40.121 True point for the 65 1/2 Mi. Cor., at proportionate dist.,  
falls on the S edge of a wash, 1 ch. wide, drains  
S. 60° E., where it is impracticable to establish a  
permanent monument.

41.626 The witness 65 1/2 Mi. Cor., monumented with a granite  
stone, 30 X 16 X 8 ins., 3 ins. below ground, with an  
angle iron alongside, with stone mkd. W C W M I R W B 65 1/2.

At the cor. point

Set an iron post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in  
the ground, with brass cap mkd.

W C  
SCIR  
65 1/2 M  
1982

Deposit the mkd. stone and angle iron alongside cor.

Cor. is located 16.5 lks. W of a fence line, bears  
N. 8 1/2° E. and S. 8 1/2° W.



Dependent Resurvey of a Portion of the West Boundary  
San Carlos Indian Reservation, Arizona

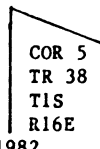
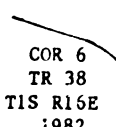
CHAINS	
38.717	<p>S. 8°16' W., beginning new measurement.</p> <p>Point for the 66 Mi. Cor., at proportionate dist.</p> <p>Near area of proportion found the 66 Mi. Cor. suspended from a fence line, which is a granite stone, 16 X 12 X 8 ins. mkd. W M I R WB M66.</p> <p>Set an aluminum post, 30 ins. long, <math>\frac{1}{4}</math> in. diam., 15 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <p style="text-align: center;"> <math>\begin{array}{l} \text{SCIR} \\ \text{66M} \\ \text{1982} \end{array}</math> </p> <p>Bury the mkd. stone in the mound around the cor.</p> <p>Cor. is located 16 lks. E of a fence line, bears N. 8° E. and S. 8° W., and in S edge of a wash 5 lks. wide, 3 ft. deep, drains northeasterly from W, wash is in bottom of draw.</p>
27.735	<p>S. 8°16' W., beginning new measurement on the 67th mile of the San Carlos Indian Reservation.</p> <p>Point for Cor. 3 of Tract 38.</p> <p>Set an aluminum post, 30 ins. long, <math>\frac{1}{4}</math> in. diam., 21 ins. in the ground, in a mound of stone, 2<math>\frac{1}{2}</math> ft. base, to top, with cap mkd.</p> <p style="text-align: center;"> <math>\begin{array}{l} \text{TIS} \\ \text{R16E} \\ \text{COR 3} \\ \text{TR38} \\ \text{1982} \end{array} \quad \text{SCIR}</math> </p> <p>Cor. is located 13 lks. E of a fence line, bears N. 8° E. and S. 8° W.</p>
40.225	<p>Point for the 66<math>\frac{1}{2}</math> Mi. Cor., at proportionate dist., there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> <math>\begin{array}{l} \text{PL} \\ \text{SCIR} \\ \text{66}\frac{1}{2} \text{ M} \\ \text{1982} \end{array}</math> </p> <p>Raise a mound of stone, 2 ft. base, 1 ft. high, E of cor.</p> <p>Cor. is located in a draw, draining easterly.</p>
80.45	<p>The 67th Mi. Cor., monumented with a granite stone, 15 X 10 X 9 ins., projecting 3 ins. above ground, mkd. W M I R WB M67 on the E face.</p> <p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2<math>\frac{1}{2}</math> ins. diam., 22 ins. in the ground, with brass cap mkd.</p>

Boundary  
a

Dependent Resurvey of a Portion of the West Boundary  
San Carlos Indian Reservation, Arizona

		CHAINS		
dist.  c. suspended , 16 X 12 X 8			<p style="text-align: center;">PL / SCIR           / 67 M           1982</p> <p>Deposit the mkd. stone alongside cor.</p> <p>Raise a mound of stone, 2 ft. base, 1 ft. high, E of cor.</p> <p>Cor. is located 9 lks. E of a fence line, bears N. 8° E. and S. 8° W., and on a ridge, bears S. 65° E. and N. 65° W.</p>	
am., 15 ins. use, to top,			<p style="text-align: center;">Metes-and-Bounds Survey of Tract 38 in Unsurveyed T. 1 S., R. 16 E., Gila and Salt River Mer., Arizona</p>	
cor.  ears sh 5 lks. W, wash is in			<p>From Cor. 1 of Tract 38, at the intersection with the southerly 100 ft. right-of-way of State Highway No. 70, and the W bdy. of the San Carlos Indian Reservation, heretofore described.</p> <p>S. 8°24' W., on line 1-2, Tract 38, identical with the W bdy. of the San Carlos Indian Reservation.</p>	
e 67th mile		9.316	True point for the 65½ Mi. Cor., heretofore described.	
m., 21 ins. use, to top,		10.821	Cor. 2 of Tract 38, identical with the witness 65½ Mi. Cor., heretofore described.	
acs			<p>S. 8°16' W., on line 2-3, Tract 38.</p>	
dist., there , 22 ins. in		38.717	The 66 Mi. Cor., heretofore described.	
, E of cor.		66.452	Cor. 3, Tract 38, heretofore described.	
tone, 15 X kd. W M I R			<p>West, on line 3-4, Tract 38.</p> <p>Over rolling land, through scattered mesquite and cacti.</p>	
22 l.s. in		6.061	<p>Point for Cor. 4, Tract 38.</p> <p>Set an aluminum post, 30 ins. long, ½ in. diam., 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, with cap mkd.</p>	
			<p style="text-align: center;">TIS R16E COR 4 TR 38 1982</p>	
			<p>Cor. is located 19 lks. E of a track road, bears irregularly N and S.</p>	
			<p>North, on line 4-5, Tract 38.</p> <p>Over rolling land, through scattered mesquite, cacti and cat claw.</p>	
		44.50	Point selected for a witness point.	

Metes-and-Bounds Survey of Tract 38 in Unsurveyed  
T. 1 S., R. 16 E., G1a and Salt River Mer., Arizona

CHAINS	
	<p>Set an aluminum post, 30 ins. long, <math>\frac{1}{2}</math> in. diam., 22 ins. in the ground, in a mound of stone, 2<math>\frac{1}{2}</math> ft. base, to top, with cap mkd.</p> <div style="text-align: center;"> <p>W P   TR38   1982</p> </div> <p>Cor. 1s located 36 lks. E of a track road, bears N. 30° E. and S. 30° W.</p>
83.23	<p>Intersect the southerly 100 ft. right-of-way of State Highway No. 70.</p> <p>Point for Cor. 5, Tract 38.</p> <p>Set an aluminum post, 30 ins. long, <math>\frac{1}{2}</math> in. diam., 22 ins. in the ground, in a mound of stone, 2<math>\frac{1}{2}</math> ft. base, to top, with cap mkd.</p> <div style="text-align: center;">  <p>COR 5 TR 38 T1S R16E 1982</p> </div> <p>Cor. is located in a right-of-way fence.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 68°55' E., on line 5-6, Tract 38, identical with the southerly 100 ft. right-of-way of State Highway No. 70.</p>
11.98	<p>Point for Cor. 6, Tract 38, identical with Arizona Dept. of Transportation station 205+83.34, monumented with a <math>\frac{1}{2}</math> in. diam. reinforcement rod, 1 in. below surface of ground.</p> <p>Alongside the reinforcement rod.</p> <p>Set an aluminum post, 30 ins. long, <math>\frac{1}{2}</math> in. diam., 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, with cap mkd.</p> <div style="text-align: center;">  <p>COR 6 TR 38 T1S R16E 1982</p> </div> <p>Cor. is located in a right-of-way fence.</p> <hr style="width: 20%; margin: auto;"/> <p>Thence, on line 6-1, Tract 38, along a 0°30'16" circular curve to the right, having a radius of 11,359.13 ft. dist., on the southerly 100 ft. right-of-way of State Highway No. 70, the chord of said arc bears S. 67°50'16" E., 6.493 chs. dist.</p>
6.493	<p>Cor. 1, Tract 38, heretofore described, and the point of beginning.</p>

Surveyed  
in Arizona

T. 1 S., R. 16 E., Gila and Salt River Mer., Arizona

<p>diam., 22 ins. base, to top,</p> <p>bears</p> <p>ay of State</p> <p>diam., 22 ins. base, to top,</p> <p>ical with the ghway No. 70.</p> <p>Arizona Dept. ented with a 1/4 urface of</p> <p>diam., 22 ins. base, to top,</p> <p>0'16" circular 359.13 ft. y of State</p> <p>the point of</p>	<p>CHAINS</p>	<p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located about 5 miles ESE of Globe, Arizona. The average elevation is about 3,500 feet above sea level. The terrain is rolling and drains in an easterly direction.</p> <p>Access is by way of State Highway No. 70. The southerly right-of-way is identical with the N bdy. of Tract 38.</p> <p>The vegetation consists of oak brush, mesquite, yucca, cacti, crucifixion thorn, cat claw, creosote and scattered juniper.</p>
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Form 9600-11  
(August 1979)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Donald L. Brewer	Survey Aid
Delbert L. Bybee	Survey Aid

CERTIFICATE OF SURVEY

(I) ~~(we)~~. Paul L. Reeves, Cadastral Surveyor . HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of January . 1982 . (I) ~~(we)~~ have dependently resurveyed a portion of the San Carlos Indian Reservation between the 64th and 67th mile corners, and surveyed a metes-and-bounds survey of Tract 38 in unsurveyed Township 1 South, Range 16 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), ~~(we)~~ and under (my) ~~(our)~~ 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

3, 24, 83 \_\_\_\_\_ Paul L. Reeves \_\_\_\_\_  
(Date) (Cadastral Surveyor)  
\_\_\_\_\_  
(Date) (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the San Carlos Indian Reservation between the 64th and 67th mile corners and a metes-and-bounds survey of Tract 38 in unsurveyed Township 1 South, Range 16 East, Gila and Salt River Meridian, Arizona

executed by Paul L. Reeves, Cadastral Surveyor  
having been critically examined and found correct, are hereby approved

MAR 24 1983 \_\_\_\_\_  
(Date) (Chief Cadastral Surveyor of Arizona)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in unsurveyed T.1 S., R. 16 E., G&SRM, Ariz. is a true copy of the original field notes

\_\_\_\_\_  
(Date) (Chief Cadastral Surveyor of Arizona)