



# FIELD NOTES

of the  
 RETRACEMENT  
 of a Portion of the  
 South Boundary of the San Carlos Indian Reservation  
 and a Portion of the  
 South Boundary of Township 2 South, Range 23 East  
 and the  
 SURVEY  
 of the  
 Subdivisional Lines  
 of  
 Township 2 South, Range 23 East

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

## EXECUTED BY

Boyd S. Owens, Cadastral Surveyor  
Gary W. Rutledge, Surveying Aide

Under special instructions dated August 11, 1960, which provided for the surveys  
 included under Group Number 352, approved August 16, 1960,  
 and assignment instructions dated March 6, 1962.

Survey commenced March 28, 1962

Survey completed April 23, 1962

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BOOK 4663

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Township 2 South, Range 23 East,

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## FIELD NOTE PAPER

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## CHAINS

Township 2 South, Range 23 East  
Gila and Salt River Meridian, Arizona

The south boundary of the San Carlos Indian Reservation, which forms the north and east boundaries of the township, was surveyed in 1883 by P. Reicker and resurveyed in 1915 by H. L. Baldwin. The west boundary was surveyed in 1955 by Chappell and Harding. The south boundary was surveyed in 1955 by D. E. Harding.

The following notes are those of a retracement of a portion of the south boundary of the San Carlos Indian Reservation, a retracement of a portion of the south boundary of the township, and the survey of the subdivisional lines of Township 2 South, Range 23 East, Gila and Salt River Meridian, Arizona.

This survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated August 11, 1960.

Only the true line bearings and horizontal distances for the retraced and surveyed lines are given in these notes. Unless described, each corner on the surveyed lines was monumented with a standard iron post 30 inches long, 2½ inches in diameter, flanged at the base and with a brass cap riveted to the top.

The geographical position of the southeast corner of the township (the closing corner of sections 1 and 36) is: Latitude, 33°12'29" North and Longitude 109°56'43" West. The magnetic declination was found to be 14°15' East.

Retracement of a Portion of the South Boundary of the  
San Carlos Indian Reservation through Range 23 East

Retracement of a Portion of the Resurvey  
Executed by H. L. Baldwin in 1915

From the 19½ mile cor. on the S. Bdy. of the San Carlos Indian Reservation, monumented by an iron post as described in the official record.

S. 51° W., 70 lks. dist.

S. 40°30' E., 7.10 chs. dist.

S. 10°50' E., 6.60 chs. dist.

Note: This portion of the S. bdy. of the San Carlos Indian Reservation as originally recorded, is found to be in error. (Record, S. 47°15' E., 6.60 chs. dist.) This record course and distance leaves the summit of the mountains.

S. 17° E., 1.70 chs. dist.

S. 25° E., 9.30 chs. dist.

S. 2°30' E., 5.50 chs. dist.

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Retracement, S. Bdy., San Carlos Indian Reservation

S. 44° E., 6.00 chs. dist.  
 S. 42° E., 2.00 chs. dist.  
 S. 12° W., 1.10 chs. dist.

The 20 mile cor.,  
 monumented by an iron  
 post as described in  
 the official record.

From the 22 mile cor. on the S. bdy. of the San Carlos  
 Indian Reservation, monumented by an iron post as  
 described in the official record.

S. 56°20' E., 3.26 chs. dist. Note: This portion of  
 the S. Bdy. of the San  
 Carlos Indian Reserva-  
 tion as officially re-  
 corded is found to be  
 in error. (Record, S.  
 51°30' E., 3.60 chs.  
 dist.) The record  
 course and dist.  
 leaves the summit of  
 the mountains.

N. 5°30' W., 10.00 chs. dist.  
 N. 23°30' E., 21.60 chs. dist.  
 N. 81° E., 4.80 chs. dist.

The 22½ mile cor.,  
 monumented by an iron  
 post as described in  
 the official record.

N. 65° E., 10.00 chs. dist.

Note: This portion of  
 the S. Bdy. of the San  
 Carlos Indian Reserva-  
 tion as officially re-  
 corded is found to be  
 in error. (Record, N.  
 88°30' E., 10.00 chs.  
 dist.) The record  
 course and dist.  
 leaves the summit of  
 the mountains.

N. 31°30' E., 30.00 chs. dist. The 23 mile cor.,  
 monumented by an iron  
 post as described in  
 the official record.

Retracement of a Portion of the South Boundary of  
 Township 2 South, Range 23 East

Retracement of a Portion of the Survey  
 Executed by D. E. Harding in 1955

From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of  
 the township, monumented by an iron post as described in  
 the official record.

N. 89°42' E., bet. secs. 1 and 36.

Asc. over steep broken mountainous land facing W.,  
 through moderate undergrowth and scattered timber.

15.40

Top of steep ascent, bears N. and S.; asc. gentle W.  
 slope of Gila Mountains.

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CHAINS	
	Subdivision, T. 2 S., R. 23 E., Arizona
16.80	The closing cor. of secs. 1 and 36, Ts. 2 and 3 S., R. 23 E., monumented by an iron post as described in the official record.
	Subdivision, Township 2 South, Range 23 East
	From the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the township, monumented by an iron post as described in the official record.
	N. 0°01' W., bet. secs. 35 and 36.
	Over steep broken mountainous land, through moderate undergrowth and scattered timber.
	By triangulation, topography as taken from U.S.G.S. topographic sheet; asc. over steep SW. slope.
7.00	Base of limestone cliffs, about 80 ft. high.
8.00	Spur, projects W.; thence along broken W. slope.
38.60	End of triangulation on top of spur, near crest of Gila Mountains, slopes irregularly W.; desc. over NE. slope.
40.00	Point for the 1/4 sec. cor. of secs. 35 and 36.
	Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.
	T2SR23E 1/4 S35 S36 1962
45.00	Fence, bears E. and W.; desc. gentle N. slope of Gila Mountains.
54.00	Draw, near head of Upper Fishhook Canyon, drains NW.; asc. gentle S. slope.
57.72	Intersect the S. bdy. of the San Carlos Indian Reservation on the crest of the Gila Mountains.
	Point for the closing cor. of secs. 35 and 36.
	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
	From the closing cor., traverse to the 27 1/2 mile cor. on the S. bdy. of the San Carlos Indian Reservation;
	S. 51°15' E., 1.24 chs. dist.
	N. 77°30' E., 3.50 chs. dist.
	S. 79°15' E., 10.90 chs. dist.

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CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
	<p>S. 20° E., 11.60 chs. dist.                      S. 57°15' W., 4.50 chs. dist.    The 27½ mile cor.,                      monumented by an iron                      post as described in                      the official record.</p> <p>Land, mountainous.                      Soil, rocky clay loam.                      Timber, scattered juniper and pinon; undergrowth, oak,                      cactus, brush and catclaw.</p> <hr/> <p>From the cor. of secs. 2, 3, 34 and 35 on the S. bdy.                      of the township, monumented by an iron post as described                      in the official record.</p> <p>N. 0°01' W., bet. secs. 34 and 35.</p> <p>Desc. steep broken N. slope, through scattered timber.</p>
4.00	Wash in bottom of Lower Fishhook Canyon, 20 lks. wide, 2 ft. deep, drains NW.; thence through heavy undergrowth.
9.00	Leave heavy undergrowth; asc. steep ledgy S. slope.
25.20	Asc. along rolling and broken W. slope.
36.00	Small wash, drains S. 20° W.; asc. SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 34 and 35.
	<p>Set the iron post 4 ins. in the ground, mound with                      stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E                      ¼                      S34 S35                      1962</p>
43.50	Spur, slopes SW.; by triangulation, asc. steep ledgy SW. slope.
78.00	End of triangulation; enter heavy timber bearing E. and W.
79.00	Top of asc. on W. side of knoll; desc. NW. slope.
80.00	Point for the cor. of secs. 26, 27, 34 and 35.
	<p>Set the iron post 10 ins. in the ground, mound with                      stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E                      S27 S26                      S34 S35                      1962</p> <p>Land, mountainous.                      Soil, rocky clay loam.                      Timber, scattered S. 78.00 chs., heavy N. 2.00 chs.                      Undergrowth, oak, cactus and brush.</p> <hr/> <p>East, bet. secs. 26 and 35.</p> <p>Asc. steep NW. slope, through heavy timber.</p>
2.20	Top of spur, slopes N. 20° W.; by triangulation, topo- graphy as taken from U.S.G.S. topographic sheet; desc. over steep NE. slope.

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CHAINS	
	Subdivision, T. 2 S., R. 23 E., Arizona
19.50	Bottom of Middle Fishhook Canyon, drains NW.; asc. SW. slope through scattered timber.
30.00	Asc. gentle W. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35.  Set the iron post 5 ins. in the ground, mound with stones to top, cap mkd.  <div style="text-align: center;">                     T2SR23E  <math>\frac{1}{4}</math> S26  <math>\frac{1}{4}</math> S35                      1962                 </div>
	End of triangulation.
44.40	Spur, slopes N. circling to NW.; desc. E. slope through moderate timber.
55.00	Bottom of Upper Fishhook Canyon, drains N. circling to NW.; asc. steep W. slope of Gila Mountains.
69.91	Intersect the S. bdy. of the San Carlos Indian Reservation on the crest of the Gila Mountains.  Point for the closing cor. of secs. 26 and 35.  Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.  <div style="text-align: center;">                     T2S                      R23E S  <math>\frac{C}{C}</math> S26 <math>\frac{C}{I}</math>  <math>\frac{C}{C}</math> S35 <math>\frac{I}{R}</math>                      1962                 </div>
	From the closing cor., traverse to the 27 mile cor. on the S. bdy. of the San Carlos Indian Reservation:  <div style="margin-left: 40px;">                         S. 30°45' E., 7.21 chs. dist.                          S. 38°30' E., 5.00 chs. dist.                          S. 51°15' E., 2.00 chs. dist.                          S. 11°15' W., 3.90 chs. dist.                     </div> <div style="margin-left: 300px; margin-top: 10px;">                         The 27 mile cor., monumented by an iron post as described in the official record.                     </div>
	Land, mountainous. Soil, rocky clay loam. Timber, heavy to scattered pinon and juniper. Undergrowth, oak, brush and cactus.
	From the cor. of secs. 26, 27, 34 and 35.  N. 0°01' W., bet. secs. 26 and 27.  Over mountainous land through moderate timber. By triangulation, topography as taken from U.S.G.S. topographic sheet.  Desc. over steep N. slope.

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CHAINS																					
	Subdivision, T. 2 S., R. 23 E., Arizona																				
26.00	Bottom of Middle Fishhook Canyon, drains N. 70° W.; asc. steep broken SW. slope.																				
40.00	Point for the 1/4 sec. cor. of secs. 26 and 27.  Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.  <div style="text-align: center;">                     T2SR23E                      1/4                      S27 S26                      1962                 </div>																				
	End of triangulation.																				
43.20	Rocky spur, slopes N. 70° W.; desc. NE. slope.																				
58.00	Bottom of Upper Fishhook Canyon, drains NW., circling to SW., asc. steep ledgy SW. slope of the Gila Mountains.																				
79.00	Top of steep ascent; thence over nearly level land.																				
80.00	Point for the cor. of secs. 22, 23, 26 and 27.  Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.  <div style="text-align: center;">                     T2SR23E                      S22 S23                      S27 S26                      1962                 </div>																				
	Land, mountainous. Soil, rocky clay loam. Timber, moderate pinon and juniper; undergrowth, oak, catclaw, cactus and brush.																				
	East, bet. secs. 23 and 26.																				
	Over nearly level mountain top.																				
6.05	Intersect the S. bdy. of the San Carlos Indian Reservation.  Point for the closing cor. of secs. 23 and 26.  Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.  <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;">T2S</td> <td style="padding: 0 5px;">S</td> <td style="padding: 0 5px;">/</td> <td style="padding: 0 5px;">C</td> </tr> <tr> <td style="padding: 0 5px;">R23E</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;">/</td> <td style="padding: 0 5px;">I</td> </tr> <tr> <td style="padding: 0 5px;">C S 23</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;">/</td> <td style="padding: 0 5px;">R</td> </tr> <tr> <td style="padding: 0 5px;">C S 26</td> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;">/</td> <td style="padding: 0 5px;"></td> </tr> <tr> <td colspan="4" style="text-align: center; padding: 0 5px;">1962</td> </tr> </table> </div>	T2S	S	/	C	R23E		/	I	C S 23		/	R	C S 26		/		1962			
T2S	S	/	C																		
R23E		/	I																		
C S 23		/	R																		
C S 26		/																			
1962																					
	From the closing cor., the 25 mile cor. on the S. bdy. of the San Carlos Indian Reservation, bears N. 44° W., 3.55 chs. dist., monumented by an iron post as described in the official record.  Land, nearly level. Soil, clay loam and rocky. Timber, scattered juniper and pinon; undergrowth, cactus and brush.																				



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CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
7.36	<p>From the cor. of secs. 22, 23, 26 and 27.</p> <p>N. 0°01' W., bet. secs. 22 and 23.</p> <p>Over nearly level mountain top.</p> <p>Intersect the S. bdy. of the San Carlos Indian Reservation.</p> <p>Point for the closing cor. of secs. 22 and 23.</p> <p>Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.</p>
	<div data-bbox="760 881 959 1077" data-label="Diagram"> </div> <p>From the closing cor., traverse to the 25 mile cor. on the S. bdy. of the San Carlos Indian Reservation:</p> <p>S. 38°15' E., 1.49 chs. dist.</p> <p>S. 36° E., 4.50 chs. dist.      The 25 mile cor., monumented by an iron post as described in the official record.</p> <p>Land, nearly level mountain top. Soil, clay loam and rocky. Timber, scattered juniper and pinon; undergrowth, cactus and brush.</p>
5.40 13.80 31.00 40.00  41.50	<p>From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township, monumented by an iron post as described in the official record.</p> <p>N. 0°02' W., bet. secs. 33 and 34.</p> <p>Desc. N. slope through scattered timber.</p> <p>Small wash, drains S. 70° W.; asc. rocky SW. slope.</p> <p>Jeep road, bears N. 80° W. and S. 80° E.</p> <p>Spur, slopes W.; desc. general N. slope.</p> <p>Point for the ¼ sec. cor. of secs. 33 and 34.</p> <p>Set the iron post 3 ins. in the ground, mound with stones to top, cap mkd.</p> <div data-bbox="787 2225 911 2360" data-label="Diagram"> </div> <p>The cor. is located on gentle NE. slope.</p> <p>Small wash, drains NW.; thence over nearly level land.</p>

CHAINS

Subdivision, T. 2 S., R. 23 E., Arizona

- 54.50 Desc. N. slope.
- 63.80 Bottom of Lower Fishhook Canyon, drains N. 80° W.; asc. steep S. slope.
- 72.00 Asc. broken SW. slope.
- 80.00 Point for the cor. of secs. 27, 28, 33 and 34.  
Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.
- T2SR23E  
 $\frac{S28}{S33} | \frac{S27}{S34}$   
 1962
- Land, moderate rolling on S. 54.00 chs., rough and broken on remainder.  
Soil, clay loam and rocky.  
Timber, scattered juniper and pinon; undergrowth, cactus, oak, brush and catclaw.
- 
- From the cor. of secs. 26, 27, 34 and 35.  
West, bet. secs. 27 and 34.  
Desc. steep NW. slope through moderate timber.
- 10.00 Asc. along N. slope.
- 18.40 Top of ascent on N. edge of small knoll.
- 21.20 Desc. over steep broken NW. slope.
- 29.70 Leave moderate timber, bears NW. and SE.
- 38.90 Small wash, drains N. circling to NW.; asc. NE. slope.
- 39.98 Point for the  $\frac{1}{4}$  sec. cor. of secs. 27 and 34.  
Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.
- T2SR23E  
 $\frac{1}{4} \frac{S 27}{S 34}$   
 1962
- 40.70 Desc. over broken ledgy land, general West drainage and exposure.
- 55.60 Small Wash, drains NW.
- 63.90 Small wash, drains SW.; asc. broken SE. slope.
- 74.80 Desc. broken SW. slope.
- 79.96 The cor. of secs. 27, 28, 33 and 34.  
Land, steep and broken.  
Soil, rocky clay loam.  
Timber, moderate to heavy juniper and pinon on E. 30 chs.  
Undergrowth, oak, cactus, catclaw and brush.
- 
- N. 0°02' W., bet. secs. 27 and 28.  
Asc. broken SW. slope.

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CHAINS	
	Subdivision, T. 2 S., R. 23 E., Arizona
4.00	Broken rocky spur, slopes W.
6.40	Desc. ledgy NW. slope.
15.40	Small wash, drains S. 70° W.; thence, over broken W. slope.
32.60	Small wash, drains W.
36.20	Desc. over limestone ledges facing NW.
37.10	Small wash, drains irregularly W.; desc. along gentle W. slope.
40.00	Point for the ¼ sec. cor. of secs. 27 and 28.  Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.  T2SR23E ½ S28   S27 1962
41.50	Wash in bottom of Upper Fishhook Canyon, 40 lks. wide, 2 ft. deep, small flow of good water, course S. 70° W.; asc. rocky SW. slope.
77.70	Desc. along W. slope of knoll.
80.00	Point for the cor. of secs. 21, 22, 27 and 28.  Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.  T2SR23E S21   S22 S28   S27 1962  Land, rough and broken. Soil, rocky clay loam. Timber, scattered pinon and juniper, cottonwood trees along Upper Fishhook Canyon. Undergrowth, oak, cactus and brush.
	From the cor. of secs. 22, 23, 26 and 27.  S. 89°55' W., bet. secs. 22 and 27.  Over nearly level mountain top.
4.00	Enter moderate pinon and juniper, bears NW. and SE.; desc. steep broken SW. slope.
29.00	Slope changes to S.
39.96	Point for the ¼ sec. cor. of secs. 22 and 27.  Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

CHAINS

Subdivision, T. 2 S., R. 23 E., Arizona

T2SR23E  
 $\frac{1}{4}$   $\frac{S\ 22}{S\ 27}$   
 1962

- 58.00 Desc. SW. slope.
  - 64.50 Draw, near head, drains S. 20° E.; asc. E. slope.
  - 69.30 N. side of small knoll.
  - 70.50 Desc. steep broken NW. slope.
  - 79.92 The cor. of secs. 21, 22, 27 and 28.
- Land, mountainous.  
 Soil, rocky clay loam.  
 Timber, moderate juniper and pinon; undergrowth, oak, catclaw, brush and cactus.

N. 0°02' W., bet. secs. 21 and 22.

Over mountainous land, through scattered timber.

By triangulation, topography as taken from U.S.G.S. topographic sheet; desc. over NW. slope.

- 18.00 Wash, small stream of running water, course S. 70° W.; asc. steep ledgy SW. slope.
  - 34.90 End of triangulation on canyon rim bearing S. 70° E. and W.; asc. SW. slope.
  - 40.00 Point for the  $\frac{1}{4}$  sec. cor. of secs. 21 and 22.
- Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

T2SR23E  
 $\frac{1}{4}$   
 S21|S22  
 1962

- 62.50 Fence, 9 strand barbed wire, bears E. and W.; asc. along W. slope of Gila Mountains.
  - 64.23 Intersect the S. bdy. of the San Carlos Indian Reservation.
- Point for the closing cor. of secs. 21 and 22.
- Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

S C I R  
 S21|S22  
 T2SR23E  
 CC  
 1962

From the closing cor., the 23 $\frac{1}{2}$  mile cor. on the S. bdy. of the San Carlos Indian Reservation bears S. 86°45' W., 2.41 chs. dist., monumented by an iron post as described in the official record.

Land, mountainous.  
 Soil, rocky clay loam.  
 Timber, scattered pinon and juniper; undergrowth, cactus, oak, catclaw, palo verde and brush.

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CHAINS	
	Subdivision, T. 2 S., R. 23 E., Arizona
	<p>From the cor. of secs. 4, 5, 32 and 33 on the S. bdy. of the township, monumented by an iron post as described in the official record.</p> <p>N. 0°02' W., bet. secs. 32 and 33.</p> <p>Asc. rocky SW. slope.</p>
4.70	Top of asc., thence over nearly level pasture land.
8.50	Jeep road, bears N. 50° E., and S. 50° W.
13.30	Fence, 5 strand barbed wire, bears NE. and SW.
34.00	Desc. rocky NW. slope.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33.
	<p>Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E ¼ S32 S33 1962</p>
40.90	Wash, 10 lks. wide, 2 ft. deep, drains S. 70° W.; asc. rocky SW. slope.
50.00	Top of asc.; thence over nearly level land.
51.90	Fence, 6 strand barbed wire, bears S. 80° E., and N. 80° W.
68.00	Desc. steep NW. slope.
79.90	Base of steep desc., thence over nearly level land.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	<p>Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E S29 S28 S32 S33 1962</p> <p>Land, mostly level pasture land cut by a draw near the ¼ sec. cor. and a canyon near the sec. cor. Soil, clay loam and rocky. Timber, none; undergrowth, cactus, scrub oak and catclaw.</p>
	<p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>S. 89°54' W., bet. secs. 28 and 33.</p> <p>Over broken mountainous land; by triangulation, topography as taken from U S.G.S. topographic sheet; desc. SW. slope.</p>

CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
7.00	Draw, drains SE., circling to S.
11.00	Spur, slopes S. 20° W.; desc. steep W. slope.
21.00	Bottom of Upper Fishhook Canyon, small stream of good water, course S. 10° W.; asc. steep SE. slope.
29.00	Canyon rim, bears N. 30° E., and S. 30° W.; thence over rolling pasture land; end of triangulation.
40.09	Point for the ¼ sec. cor. of secs. 28 and 33.  Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.  T2SR23E ¼ $\frac{S\ 28}{S\ 33}$ 1962
65.80	Desc. NW. slope.
68.70	Desc. steep, rocky NW. slope.
80.18	The cor. of secs. 28, 29, 32 and 33.  Land, rough and broken on E. 29.00 chs., nearly level pasture on most of the remainder. Soil, clay loam and rocky. Timber, none; undergrowth, cactus, catclaw, scrub oak and creosote brush.
	N. 0°02' W., bet. secs. 28 and 29.  Over mountainous land, through moderate undergrowth.
2.40	Wash in bottom of Diamond Bar Canyon, 20 lks. wide, 1 ft. deep, drains irregularly SW.; asc. SE. slope.
40.00	Point for the ¼ sec. cor. of secs. 28 and 29.  Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.  T2SR23E ¼ $\frac{S29}{S28}$ 1962
53.17	Fence, 6 strand barbed wire, bears E. and W.
68.00	Spur, slopes SW.; desc. steep N. slope.
70.90	Draw, near head, drains NW.; thence along broken ledgy W. slope.
80.00	Point for the cor. of secs. 20, 21, 28 and 29.  Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.  T2SR23E $\frac{S20}{S29} \frac{S21}{S28}$ 1962  Land, mountainous. Soil, rocky clay loam. Timber, none; undergrowth, cactus, catclaw, creosote brush and oak.

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BUREAU OF LAND MANAGEMENT

FIELD NOTE PAPER

CHAINS	
	Subdivision, T. 2 S., R. 23 E., Arizona
	From the cor. of secs. 21, 22, 27 and 28.
	S. 89°53' W., bet. secs. 21 and 28.
	Desc. over general W. slope, through moderate undergrowth and scattered timber.
9.40	Wash, 30 lks. wide, 1 ft. deep, drains irregularly S.; asc. steep E. slope.
23.90	Spur, slopes S.; desc. broken SW. slope.
38.30	Wash in bottom of Diamond Bar Canyon, 20 lks. wide, 2 ft. deep, drains S.; asc. steep rocky E. slope.
40.09	Point for the 1/4 sec. cor. of secs. 21 and 28.
	Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd.
	T2SR23E 1/4 S 21 S 28 1962
53.00	Top of spur, slopes sharply SE.; desc. over broken, ledgy SW. slope.
58.00	Draw, drains S.; asc. SE. slope.
75.50	Spur, projects S.; desc. gentle SW. slope.
80.18	The cor. of secs. 20, 21, 28 and 29.
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon; undergrowth, cactus, oak, brush and catclaw.
	N. 0°02' W., bet. secs. 20 and 21.
	Asc. over SW. slope of the Gila Mountains.
5.50	Fence, bears N. 65°30' W. and S. 65°30' E.; thence over nearly level crest of Gila Mountains.
6.24	Intersect the S. bdy. of the San Carlos Indian Reservation.
	Point for the closing cor. of secs. 20 and 21.
	Set the iron post 15 ins. in the ground, mound with stones to top, cap mkd.
	S C I R S20   S21 T2SR23E CC 1962
	From the closing cor., the 22 mile cor. on the S. bdy. of the San Carlos Indian Reservation bears S. 62°45' E., 5.60 chs. dist., monumented by an iron post as described in the official record.

CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
	<p>Land, slightly broken. Soil, clay loam and rocky. Timber, none; undergrowth, cactus, catclaw, brush and palo verde.</p> <hr/> <p>From the cor. of secs. 5, 6, 31 and 32 on the S. bdy. of the township, monumented by an iron post as described in the official record.</p> <p>from which The chimney on the old Diamond Bar Ranch house bears N. 44°05'30" E., 24.96 chs. dist.</p> <p>N. 0°03' W., bet. secs. 31 and 32.</p> <p>Desc. over NW. slope through moderate undergrowth.</p>
7.95	Fence, bears S. 49°30' W., and N. 49°30' E.; thence over bottom of Diamond Bar Canyon.
9.30	Good bladed road (road from Geronimo to Diamond Bar Ranch), bears N. 49°30' E., and S. 49°30' W.; asc. general S. slope.
18.00	Jeep road, bears N. 70° W. and S. 70° E.
23.90	Top of ascent bears irregularly NE. and SW.; desc. NW. slope.
31.70	Bottom of draw, near head, drains W.; asc. S. slope.
39.40	Top of ascent, bears N. 70° W., and S. 70° E.; desc. NE. slope.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32.
	Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd.
	T2SR23E 1/4 S31 S32 1962
47.60	Wash, 10 lks. wide, 2 ft. deep, drains N. 70° W.
59.80	Spur, slopes SW.
67.10	Wash, 20 lks. wide, 3 ft. deep, drains SW. from irregularly N.
71.20	Same wash, drains SE. circling to SW.
75.70	Small draw, drains SW.
79.50	Small spur, slopes SW.; desc. NW. slope.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.
	T2SR23E S30 S29 S31 S32 1962
	<p>Land, mountainous. Soil, rocky clay loam. Timber, none; undergrowth, cactus, mesquite, catclaw and palo verde.</p>



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CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
	<p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>S. 89°54' W., bet. secs. 29 and 32.</p> <p>Desc. NW. slope through moderate undergrowth.</p>
3.10	Wash in bottom of Diamond Bar Canyon, 50 lks. wide, 2 ft. deep, drains S. 15° W.; asc. gentle E. slope.
13.10	Fence, 5 strand barbed wire, bears N. 10° E. and S. 10° W.
36.90	Ridge, bears NE. and SW.; desc. general W. slope.
39.99	Point for the ¼ sec. cor. of secs. 29 and 32.
	<p>Set the iron post on broken limestone, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E ¼ <math>\frac{S\ 29}{S\ 32}</math> 1962</p>
47.60	Wash, 20 lks. wide, 1 ft. deep, drains S. from NE.; asc. E. slope.
60.00	Jeep road, follows along ridge bearing irregularly N. and S.; desc. SW. slope.
64.60	Draw, near head, drains SW.
79.98	The cor. of secs. 29, 30, 31 and 32.
	<p>Land, mountainous. Soil, rocky clay loam. Timber, none; undergrowth, cactus, mesquite, catclaw and palo verde.</p> <hr/> <p>S. 89°59' W., bet. secs. 30 and 31.</p> <p>Desc. over NW. slope.</p>
3.00	Wash, 10 lks. wide, 1 ft. deep, drains S.; asc. E. slope.
34.60	Top of ridge, bears NE. and SW.
39.70	Draw, drains NW.; asc. along N. slope.
40.00	Point for the ¼ sec. cor. of secs. 30 and 31.
	<p>Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E ¼ <math>\frac{S\ 30}{S\ 31}</math> 1962</p>
53.30	Rocky point, projects NW.; desc. broken W. slope.
67.10	Wash in bottom of Steer Springs Canyon, 60 lks. wide, 1 ft. deep, small stream of running water, course S. 20° E.; asc. E. slope.

CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
72.20	Asc. SE. slope.
77.23	The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the township, monumented by an iron post as described in the official record.
	Land, rolling and broken. Soil, rocky clay loam. Timber, none; undergrowth, cactus, catclaw, creosote brush and palo verde.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°03' W., bet. secs. 29 and 30.
	Desc. NW. slope, through moderate undergrowth.
4.00	Wash, 20 lks. wide, 1 ft. deep, drains S. 30° W.
6.00	Water storage reservoir, bears E., 2.00 chs. dist.; asc. general S. slope.
15.10	Top of ascent, bears NE. and SW.; desc. N. slope.
35.40	Wash, 10 lks. wide, 2 ft. deep, drains N. 70° W.; asc. SW. slope.
37.20	Jeep road, bears E. and W.
37.90	Spur, slopes W.; desc. broken, rocky NW. slope.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.  Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
	T2SR23E 1/4 S30 S29 1962
40.60	Wash in bottom of Steer Springs Canyon, 1.00 ch. wide, 1 ft. deep, small stream of running water, course SW. circling to W.; asc. S. slope.
47.80	Rock point projects E.
54.80	Draw, drains SE.
77.10	Broken, rocky spur, slopes SE.; desc. NE. slope.
80.00	Point for the cor. of secs. 19, 20, 29 and 30.  Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
	T2SR23E S19 S20 S30 S29 1962
	Land, rough and broken. Soil, rocky clay loam. Timber, scattered juniper and pinon; undergrowth, cactus, palo verde, catclaw and creosote brush.

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CHAINS	Subdivision, T. 2 S., R. 23 E., Arizona
	<p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>West, bet. secs. 20 and 29.</p> <p>Over broken mountainous land by triangulation, topography as taken from U.S.G.S. topographic sheet.</p> <p>Desc. over steep ledgy SW. slope.</p>
22.00	Spur, projects S.; desc. broken W. slope.
36.00	Desc. rocky SW. slope.
39.96	Point for the $\frac{1}{4}$ sec. cor. of secs. 20 and 29.
	<p>Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T2SR23E <math>\frac{1}{4}</math> <math>\frac{S\ 20}{S\ 29}</math> 1962</p>
	End of triangulation.
55.80	Wash, 30 lks. wide, steep sloping banks, drains S. 15° W.
60.80	Wash, 20 lks. wide, 1 ft. deep, drains S.; asc. E. slope.
64.00	Fence, 5 strand barbed wire, bears S. 10° E. and N. 10° W.
65.30	Spur, slopes S.
74.00	Draw, drains S. 15° E. from irregularly NW.; asc. NE. slope.
79.92	The cor. of secs. 19, 20, 29 and 30.
	<p>Land, mountainous. Soil, rocky clay loam. Timber, widely scattered juniper and pinon; undergrowth, cactus, catclaw, palo verde and creosote brush.</p>
	<p>S. 89°58' W., bet. secs. 19 and 30.</p> <p>Asc. broken NE. slope.</p>
1.70	Spur, slopes SE.
10.90	Wash, 30 lks. wide, 1 ft. deep, drains S. 15° E.; asc. E. slope.
17.50	Spur, slopes S. 15° E.
26.30	Draw, drains S. 15° E.; asc. E. slope.
33.60	Top of ascent, bears irregularly NE. and SW.; desc. NW. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 19 and 30.

CHAINS

Subdivision, T. 2 S., R. 23 E., Arizona

Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

T2SR23E  
1/4 S 19  
S 30  
1962

- 45.80 Desc. W. slope.
- 54.00 Jeep road, bears NW. and SE.; stock corral, bears 1.00 ch. S.
- 56.00 Wash, 15 lks. wide, 5 ft. banks, drains S.; asc. broken E. slope.
- 66.10 Ridge, bears N. 15° W. and S. 15° E.
- 77.16 The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the township, monumented by an iron post as described in the official record.

Land, rolling and broken.  
Soil, rocky clay loam.  
Timber, widely scattered juniper; undergrowth, cactus, creosote brush, catclaw and palo verde.

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

N. 0°03' W., bet. secs. 19 and 20.

Asc. over rolling and broken mountainous land of the Gila Mountains, general S. drainage.

- 40.00 Point for the 1/4 sec. cor. of secs. 19 and 20, falls in unsafe place.
- 40.43 Point selected for the witness 1/4 sec. cor. of secs. 19 and 20.

Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

T2SR23E  
1/4  
S19 | S20  
↓  
WC  
1962

- 50.70 Enter moderate timber.
  - 52.37 Intersect the S. bdy. of the San Carlos Indian Reservation.
- Point for the closing cor. of secs. 19 and 20.

Set the iron post on solid rock, mound with stones to top, cap mkd.

S C I R  
S19 | S20  
T2SR23E  
CC  
1962

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FIELD NOTE PAPER

CHAINS	
	<p>Subdivision, T. 2 S., R. 23 E., Arizona</p>
	<p>From the closing cor., traverse to the 20½ mile cor. on the S. bdy. of the San Carlos Indian Reservation:</p> <p>N. 73°30' W., 50 lks. dist. N. 42°45' W., 2.30 chs. dist. N. 31° W., 4.60 chs. dist.      The 20½ mile cor., monumented by an iron post as described in the official record.</p>
	<p>From the closing cor. of secs. 19 and 20:</p> <p>N. 0°03' W., across the San Carlos Indian Reservation on a blank line, continuing measurement.</p>
62.09	<p>Intersect the S. bdy. of the San Carlos Indian Reservation.</p> <p>Point for the closing cor. of secs. 19 and 20.</p> <p>Set the iron post on solid rock, mound with stones to top, cap mkd.</p>
	<p style="text-align: center;">CC T2SR23E S19   S20 ----- S C I R 1962</p>
	<p>From the closing cor., traverse to the 20½ mile cor. on the S. bdy. of the San Carlos Indian Reservation:</p> <p>S. 51° W., 75 lks. dist. S. 42°15' W., 1.00 ch. dist. S. 55° W., 3.40 chs. dist. S. 69°30' W., 1.40 chs. dist. S. 69° E., 1.10 chs. dist.      The 20½ mile cor., monumented by an iron post as described in the official record.</p>
	<p>From the closing cor. of secs. 19 and 20.</p> <p>N. 0°03' W., bet. secs. 19 and 20 continuing measurement.</p>
	<p>Desc. over steep broken N. slope of Gila Mountains, through moderate timber.</p>
73.40	<p>Small draw, drains N. circling to NW., desc. along broken NW. slope.</p>
80.00	<p>Point for the cor. of secs. 17, 18, 19 and 20.</p> <p>Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.</p>
	<p style="text-align: center;">T2SR23E S18   S17 S19   S20 ----- 1962</p>

CHAINS

Subdivision, T. 2 S., R. 23 E., Arizona

The cor. is located at the base of ledges about 20 ft. high, facing W.

Land, mountainous.  
Soil, rocky clay loam.  
Timber, moderate to scattered pinon and juniper; undergrowth, cactus, scrub oak, brush and catclaw.

East, bet. secs. 17 and 20.

Asc. over broken ledgy NW. slope of the Gila Mountains, through moderate timber.

12.10 Intersect the S. bdy. of the San Carlos Indian Reservation.

Point for the closing cor. of secs. 17 and 20.

Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.

T2S / S  
R23E / C  
C S17 / I  
C S20 / R  
1962

From the closing cor. traverse to the 20 mile cor. on the S. bdy. of the San Carlos Indian Reservation:

N. 42° E., 6.54 chs. dist.  
N. 20° E., 3.00 chs. dist. The 20 mile cor., monumented by an iron post as described in the official record.

Land, steep and broken.  
Soil, rocky clay loam.  
Timber, moderate juniper and pinon; undergrowth, oak, cactus, brush and catclaw.

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

S. 89°44' W., bet. secs. 18 and 19.

Over broken mountainous land, by triangulation, topography as estimated.

3.60 Wash, 10 lks. wide, 3 ft. deep, drains NW.; asc. steep broken NE. slope through moderate timber.

24.80 Top of ascent; desc. along spur sloping W.; end of triangulation.

34.90 Desc. over steep broken ledges facing W.

39.97 Point selected for the witness ¼ sec. cor. of secs. 18 and 19.

Set the iron post on broken limestone, mound with stones to top, cap mkd.

T2SR23E  
¼ ← S18  
S19  
WC  
1962

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CHAINS	
	<p style="text-align: center;">Subdivision, T. 2 S., R. 23 E., Arizona</p>
40.00	<p>True point for the <math>\frac{1}{4}</math> sec. cor. of secs. 18 and 19 falls on edge of ledge where cor. cannot be perpetuated.</p>
70.00	<p>Wash, 30 lks. wide, 2 ft. deep, drains N. 70° W.; asc. along NE. slope.</p>
76.87	<p>The cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the township, monumented by an iron post as described in the official record.</p> <p>Land, rough and broken. Soil, rocky clay loam. Timber, moderate juniper and pinon; undergrowth, cactus, oak, brush and catclaw.</p>
	<p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>N. 0°03' W., bet. secs. 17 and 18.</p> <p>Over broken ledgy land facing W.</p>
40.00	<p>Point for the <math>\frac{1}{4}</math> sec. cor. of secs. 17 and 18.</p> <p>Set the iron post 3 ins. in the ground, mound with stones to top, cap mkd.</p> <div style="text-align: center;"> <p>T2SR23E</p> <p><math>\frac{1}{4}</math></p> <p>S18 S17</p> <p>1962</p> </div> <p>The cor. is located on top of ledge about 50 ft. high on steep W. slope.</p>
42.30	<p>Small spur, projects W.</p>
49.00	<p>Small draw, drains W.; asc. general S. slope of Gila Mountains.</p>
55.45	<p>Intersect the S. bdy. of the San Carlos Indian Reservation.</p> <p>Point for the closing cor. of secs. 17 and 18.</p> <p>Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd.</p> <div style="text-align: center;"> <p>S C I R</p> <p>└───┘</p> <p>S18 S17</p> <p>T2SR23E</p> <p>CC</p> <p>1962</p> </div> <p>From the closing cor. of secs. 17 and 18, traverse to the 19<math>\frac{1}{2}</math> mile cor. on the S. bdy. of the San Carlos Indian Reservation:</p> <p style="margin-left: 40px;">S. 52° E., 6.51 chs. dist. S. 55° E., 5.45 chs. dist. S. 51° W., 9.30 chs. dist.</p> <p style="margin-left: 400px;">The 19<math>\frac{1}{2}</math> mile cor., monumented by an iron post as described in the official record.</p>

CHAINS

Subdivision, T. 2 S., R. 23 E., Arizona

From the closing cor. of secs. 17 and 18.

N. 0°03' W., on a blank line through the San Carlos Indian Reservation, continuing measurement.

80.00 Theoretical point for the cor. of secs. 7, 8, 17 and 18.

Land, mountainous.  
Soil, clay loam and rocky.  
Timber, moderate juniper and pinon; undergrowth, cactus, brush, oak, palo verde and catclaw.

From the theoretical point for the cor. of secs. 7, 8, 17 and 18.

S. 89°39' W., on a blank line, bet. secs. 7 and 18.

3.62 Intersect the S. bdy. of the San Carlos Indian Reservation.

Point for the closing cor. of secs. 7 and 18.

Set the iron post on solid rock, mound with stones to top, cap mkd.

	T2S	
	R23E	S
C	S 7	C
C	S 18	I
		R

1962

From the closing cor., traverse to the 19 mile cor. on the S. bdy. of the San Carlos Indian Reservation:

S. 0°45' E., 7.86 chs. dist.	
S. 45°30' W., 4.10 chs. dist.	The 19 mile cor., monumented by an iron post as des- cribed in the official record.

From the closing cor. of secs. 7 and 18.

S. 89°39' W., bet. secs. 7 and 18, continuing measurement.

Desc. over W. slope of Gila Mountains, through moderate timber.

8.40 Draw, near head, drains SW. circling to W.

14.70 Same draw, drains NW.; asc. NE. slope.

22.80 Top of small spur, projects NW.; desc. general W. slope.

31.00 Same draw as one at 14.70, drains S. 70° W.; asc. along SE. slope.

38.10 Small spur, slopes S.; desc. SW. slope.

40.00 Point for the 1/4 sec. cor. of secs. 7 and 18.

Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.



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## FIELD NOTE PAPER

23.

## CHAINS

Subdivision, T. 2 S., R. 23 E., Arizona

T2SR23E

 $\frac{1}{4}$   $\frac{S}{S}$   $\frac{7}{18}$ 

1962

- 40.20 Small wash, drains S.; asc. over broken SE. slope by triangulation.
- 63.60 Spur, projects S.; desc. over broken ledges facing SW.
- 76.91 The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the township, monumented by an iron post as described in the official record.
- Land, rough and broken.  
Soil, rocky clay loam.  
Timber, moderate juniper and pinon; undergrowth, cactus, oak, catclaw, palo verde and brush.

## General Description

The south boundary of the San Carlos Indian Reservation follows along the crest of the Gila Mountains forming the north and east boundaries of Township 2 South, Range 23 East.

The land in the township, with the exception of some nearly level pasture land in the southern part of section 32 extending northeast through section 33 into section 28, is extremely rough and broken. The elevation varies from 3960 ft. above sea level in section 31 to about 6310 ft. above sea level in section 35.

Salt Creek, Diamond Bar Canyon, and their tributaries drain the west and central portions of the township, with McKinney Canyon draining the area in the east.

There are several recent improvements within the township, including buildings, roads and storage tanks, the most valuable being the Diamond Bar Ranch house, located in the SW $\frac{1}{4}$  of section 32.

At the present time the grazing of livestock is the predominating interest as there is fair grass and moderate undergrowth throughout the area and a fair water supply part of the year supplemented by storage tanks and ponds.

No mineral or mining activity was in evidence within the township.



CERTIFICATE OF SURVEY

We Boyd S. Owens  
X Gary W. Rutledge, HEREBY CERTIFY upon honor that,

in pursuance of special instructions bearing date of the 11th day of August, 1960,  
we

X have surveyed the subdivisional lines, retraced a portion of the S. Bdy. of the San Carlos Indian Reservation, and retraced a portion of the S. Bdy. of Township 2 South, Range 23 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 us and under 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.

1/25/63  
(Date)

Boyd S. Owens  
(Cadastral Surveyor)

1/25/63  
(Date)

Gary W. Rutledge  
(Cadastral Surveyor)  
Surveying Aide, Crew Chief

CERTIFICATE OF APPROVAL

Bureau of Land Management

The foregoing field notes of the survey of the subdivisional lines, retracement of a portion of the S. boundary of the San Carlos Indian Reservation and retracement of a portion of the S. boundary of T. 2 S., R. 23 E., G.&S.R.M., Arizona.

executed by Boyd S. Owens and Gary W. Rutledge

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

JUL 17 1963  
(Date)

E. L. Livingston  
(Chief, Division of Engineering)

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 Engineering)