Form 4-679 (January 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

DEPENDENT RESURVEY
of the
South Boundary
and a Portion of the
South Boundary of the San Carlos Indian Reservation
COMPLETION SURVEY
of the
Subdivisional Lines
Outside of the San Carlos Indian Reservation
Township 3 South, Range 24 East
Of the Gila and Salt River Meridian,
In the State ofArizona
EXECUTED BY
Boyd S. Owens, Cadastral Surveyor
Paul G. Bauer, Surveying Technician
Tr. 1 Contombor 15
Under special instructions dated September 15 , 19 61 , which provided for the surveys
included under Group Number 363 , approved September 15, 1961
and assignment instructions dated <u>March 6</u> , 19 <u>62</u> .
Survey commenced <u>March 12</u> , 19 <u>62</u>

Survey completed ______ April 18 ______, 19 __62

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INDEX DIAGRAM

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FIELD NOTE PAPER

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CHAINS

Township 3 South, Range 24 East Gila and Salt River Meridian, Arizona

The south boundary of the San Carlos Indian Reservation was surveyed in 1883 by P. Riecker and resurveyed in 1915 by H. L. Baldwin. The south and east boundaries and section 32 were surveyed in 1955 by Harding and Chappell. The west boundary was surveyed in 1955 by D. E. Harding and currently dependently resurveyed in 1962 by P. Bauer under this same group number.

The following notes are those of a dependent resurvey of the south boundary, a retracement of a portion of the south boundary of the San Carlos Indian Reservation and the survey completing the subdivisional lines outside of the San Carlos Indian Reservation of Township 3 South, Range 24 East, Gila and Salt River Meridian, Arizona.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions, dated September 15, 1961.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post 30 inches long, $2\frac{1}{2}$ inches in diameter, flanged at the base and with a brass cap riveted to the top. Original corner monuments were deposited alongside the new monuments, unless described otherwise.

The geographical position of the southeast corner of the township is: Latitude, $33^{\circ}07'14.7"$ North and Longitude $109^{\circ}49'42.8"$ West. The magnetic declination was found to be $14\frac{1}{4}{}^{\circ}$ East.

Dependent Resurvey of the South Boundary Township 3 South, Range __24 East

Reestablishment of the Survey Executed by D. E. Harding in 1954-55

From the cor. of Ts. 3 and 4 S., Rs. 24 and 25 E., monumented by an iron post as described in the official record.

N. 86°54' W., bet. secs. 1 and 36.

Desc. over broken W. slope through moderate undergrowth.

5.80 Bottom of canyon, steep ledgy walls, drains SW.; asc. steep broken SE. slope.

12.10 Rocky point projects S.

18.50 Spur, projects S.; thence, over broken S. slope.

36.50 | Spur, slopes SW.; desc. NW. slope.

The ½ sec. cor. of secs. 1 and 36, monumented by an iron post as described in the official record. This cor. now functions as the ½ sec. cor. of sec. 1, T. 4 S., R. 24 E., only, cap remarked

CHAINS	
CIMANO	Dependent Resurvey, S. Bdy., T. 3 S., R. 24 E., Arizona
	½ S 1
	62 1955
	S. 89°54' W., bet. secs. 1 and 36, beginning new measurement.
.57	Point for the ½ sec. cor. of sec. 36, T. 3 S., R. 24 E.
	Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E
	½ S 36 1962
2.00	
2.80	Bladed jeep road, bears S. and irregularly NE.
3.60	Left fork of Markham Creek, 2.00 chs. wide, 1 ft. deep, drains S. 15° W. circling to SE.; asc. E. slope.
16.30	Ridge, bears NE. and SW.
20.90	Wash, 15 lks. wide, 4 ft. deep, drains S.
27.00	Low pass, bears N. and S.; desc. over broken W. slope.
38.00	Wash, in canyon, 30 lks. wide, 1 ft. deep, drains NE. from NW.
40.57	The cor. of secs. 1, 2, 35 and 36, monumented by an iron post as described in the official record.
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon; undergrowth, cactus, oak, mesquite and catclaw.
	S. 89°50' W., bet. secs. 2 and 35.
	Asc. over broken E. slope.
1.90	Spur, slopes N. 30° E.; desc. along N. slope.
12.50	Bottom of canyon, drains irregularly E.
24.90	Draw, drains SE.; asc. along N. side of spur sloping E.
40.08	The ½ sec. cor. of secs. 2 and 35, monumented by an iron post as described in the official record.
•	S. 89°51' W., beginning new measurement.
	Asc. along NE. slope.
6.10	Spur, slopes S. 70° E.
10.00	Draw, drains S. circling to SE.; asc. SE. slope.
21.10	Spur, slopes S.
25.80	Small wash, drains SE.; asc. NE. slope.

	FIELD NOTE PAPER
CHAINS	
	Dependent Resurvey, S. Bdy., T. 3 S., R. 24 E., Arizona
40.01	The cor. of secs. 2, 3, 34 and 35, monumented by an iron post as described in the official record.
	Land, mountainous. Soil, rocky clay loam.
	Timber, scattered juniper and pinon; undergrowth, oak, cactus, mesquite and catclaw.
	S. 87°49' W., bet. secs. 3 and 34.
	Asc. E. slope.
20.80	Desc. along N. slope.
30.10	Draw, near head, drains N.; asc. NE. slope.
40.12	The ½ sec. cor. of secs. 3 and 34, monumented by an iron post as described in the official record.
	N. 89°53' W., beginning new measurement.
4.20	Spur, slopes N.; desc. NW. slope.
18.20	Wash in canyon, 20 lks. wide, 3 ft. deep, drains NE. from irregularly W.; thence, along canyon bottom.
39.70	Same wash, drains irregularly E. from NW.
40.08	The cor. of secs. 3, 4, 33 and 34, monumented by an iron post as described in the official record.
	Land, mountainous. Soil, rocky clay loam. Timber, scattered to moderate juniper and pinon. Undergrowth, oak, catclaw, mesquite, cactus and palo verde.
	N. 89°52' W., bet. secs. 4 and 33.
,	Asc. along N. slope through moderate undergrowth.
17.00	Asc. NE. slope.
31.00	Rocky point, slopes N.; thence, along broken N. slope.
39.94	The ½ sec. cor. of secs. 4 and 33, monumented by an iron post as described in the official record.
	West, beginning new measurement.
	Asc. NE. slope.
5.70	Spur, projects N.; asc. over broken NE. slope.
35.00	Rocky ridge, bears SE. and irregularly N.
39.94	The cor. of secs. 4, 5, 32 and 33, monumented by an iron post as described in the official record, from which

	Dependent Resurvey, S. Bdy., 1. 3 S., R. 24 E., Arizona 4.	_
CHAINS	U.S.C.&G.S. triangulation station PEAK TARGET bears N. 5° E., 17.86 chs. dist.	
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon; undergrowth, oak, cactus, catclaw, mesquite and palo verde.	
	N. 89°49' W., bet. secs. 5 and 32.	
	Desc. over broken ledgy SW. slope.	
13.30	Spur, projects SW.; desc. over broken W. slope.	
29.80	Wash, 10 1ks. wide, 1 ft. deep, drains SW.	
34.60	Wash, 40 lks. wide, 4 ft. deep, drains SW.	
40.18	The ½ sec. cor. of secs. 5 and 32, monumented by an iron post as described in the official record.	
	N. 89°48' W., beginning new measurement.	
2.50	Draw, drains S.	
9.10	South side of small knoll; desc. W. slope.	
25.80	Wash, flood area 2.00 chs. wide, 1 ft. deep, drains S. 30° W.	
33.10	Spur, slopes S.; desc. SW. slope.	
40.03	The cor. of secs. 5, 6, 31 and 32, monumented by an iron post as described in the official record.	
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper; undergrowth, oak, mesquite, catclaw, cactus and palo verde.	
	N. 89°53' W., bet. secs. 6 and 31.	
	Desc. over SW. slope.	
13.20	Burton Wash, 30 lks. wide, 2 ft. deep, drains irregularly W.; thence, along canyon bottom.	
28.10	Same wash, drains SW. circling to W., flood area, 6.00 chs. wide.	
39.91	The ½ sec. cor. of secs. 6 and 31, monumented by an iron post as described in the official record.	
	S. 89°59' W., beginning new measurement.	
	Over rolling S. slope.	
27.40	Burton Wash, 1.00 chain wide, 2 ft. deep, drains SW.	
37.85	The cor. of Ts. 3 and 4 S., Rs. 23 and 24 E., monumented by an iron post as described in the official record.	
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FIELD NOTE PAPER

CHAINS

Dependent Resurvey, S. Bdy., T. 3 S., R. 24 E., Arizona

Land, mountainous.
Soil, Rocky sandy clay loam.
Timber, widely scattered juniper and pinon.
Undergrowth, creosote brush, cactus, palo verde,
mesquite and catclaw.

Retracement of a Portion of the South Boundary of the San Carlos Indian Reservation

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

From the 31 mile cor. on the S. bdy. of the San Carlos Indian Reservation, monumented by an iron post as described in the official record.

- S. 68°45' E., 11.90 chs. dist.
- S. 51°45' E., 2.10 chs. dist.
- S. 51° E., 5.00 chs. dist.
- S. 16°15' E., 4.60 chs. dist.
- S. 31° E., 3.30 chs. dist.
- S. 43°30' E., 3.40 chs. dist.
- S. 51°15' E., 9.90 chs. dist.

This dist. as originally recorded, 7.70 chs. from top of high pinnacle is in error as the original distance leaves the watershed.

N. $81^{\circ}45'$ E., 2.00 chs. dist.

The $31\frac{1}{2}$ mile cor., monumented by an iron post as described in the official record.

Thence, from the $31\frac{1}{2}$ mile cor.

N. 74°15' E., 3.20 chs. dist.

East, 4.70 chs. dist.

- S. 71°00' E., 2.70 chs. dist.
- S. 38°30' W., 0.80 chs. dist.
- S. 36°00' W., 10.70 chs. dist.
- S. $39^{\circ}45'$ W., 4.70 chs. dist.
- S. 35°30' E., 8.20 chs. dist.

This distance is officially recorded as 7.20 chs., which is in error as it lacks a chain of reaching to top of the ridge.

CHAINS

Dependent Resurvey, S. Boundary San Carlos Indian Reservation, Arizona

- S. 54°45' E., 2.50 chs. dist.
- S. 43.00' E., 3.50 chs. dist. The 32 mile cor., monumented by an iron post

as described in the official record.

From the 33 mile cor. on the S. bdy. of the San Carlos Indian Reservation, monumented by an iron post as described in the official record.

With adjusted traverse to the 33½ mile cor.

- S. 55°43' E., 4.10 chs. dist.
- N. 84°35' E., 5.02 chs. dist.
- S. 51°27' E., 6.49 chs. dist.
- N. 83°22' E., 2.31 chs. dist.
- S. 28°09' E., 2.29 chs. dist.
- S. 52°13' E., 6.99 chs. dist.
- S. 17°50' E., 12.72 chs. dist.

The 33½ mile cor., monumented by an iron post as described in the official record.

From the 37 mile cor. on the S. bdy. of the San Carlos Indian Reservation, monumented by an iron post as described in the official record.

- N. 50° E., 3.90 chs. dist.
- N. 87°30' E., 2.10 chs. dist.
- N. 82° E., 2.90 chs. dist.
- N. 75° E., 3.90 chs. dist.
- N. 81°45' E., 3.70 chs. dist.
- S. 78°30' E., 8.50 chs. dist.

This course as originally recorded was N. 78° 30' E., which leaves the summit of the mountains.

- S. 88°15' E., 10.70 chs. dist.
- N. 78°30' E., 1.40 chs. dist.
- N. $82^{\circ}30$ ' E., 2.90 chs. dist.

The $37\frac{1}{2}$ mile cor., monumented by an iron post as described in the official record.

With adjusted traverse from the $37\frac{1}{2}$ mile cor.

- N. 12°24' E., 2.60 chs. dist.
- N. 8°30' W., 7.96 chs. dist.

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	CHAINS	Dependent Resurvey, S San Carlos Indian Reserva	
		San Carros Indian Reserva	ation, Arizona
		N. 0°07' E., 13.56 chs. dist.	
		N. 22°10' E., 3.79 chs. dist.	
		N. 40°30' E., 2.48 chs. dist.	
١		N. 54°56' E., 3.46 chs. dist.	
		S. 50°02' E., 2.46 chs. dist.	TT 00 11
		S. 55°03' E., 3.62 chs. dist.	The 38 mile cor., monumented by an iron post as described in the official record.
		S. 67°57' E., 8.83 chs. dist.	
		S. 88°23' E., 12.84 chs. dist.	
		N. 77°10' E., 18.45 chs. dist.	The $38\frac{1}{2}$ mile cor., monumented by an iron post as described in the official record.
			e.
		From the 40 mile cor. on the S. Indian Reservation, monumented be described in the official record	oy an iron post as
		With adjusted traverse to the 40	0½ mile cor.
		N. 79°30' E., 25.24 chs. dist.	
		S. 67°48' E., 3.53 chs. dist.	
		S. 33°45' E., 2.31 chs. dist.	•
		S. 13°59' W., 3.29 chs. dist.	
		S. 14°53' W., 5.88 chs. dist.	The 40½ mile cor., monumented by an iron post as described in the official record.
		Completion Survey, Subdi	visional Lines
		Township 3 South, Range 2	24 East, Arizona
		From the cor. of secs. 1, 2, 35 of the township.	and 36 on the S. bdy.
		N. 0°08' W., bet. secs. 35 and 3	36.
		Desc. over N. slope through mode	erate undergrowth.
	3.20	Wash, 20 1ks. wide, 1 ft. deep, to NE.	drains SE. circling
	7.90	Spur, slopes SE.; thence, over a	gently rolling land.
	15.00	By triangulation, topography as topographic sheet; desc. abrupt broken N. slope.	
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,	CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona
	21.50	Bottom of canyon, drains irregularly SE.
	27.00	Finger spur, slopes E.
	34.50	End of triangulation on spur sloping SE. from W.; desc. NE. slope.
	38.38	Point for the ½ sec. cor. of secs. 35 and 36.
		Set the iron post 5 ins. in the ground, mound with stones to top, cap mkd.
		T3SR24E な S35 S36 1962
	41.50	Wash, 20 1ks. wide, 1 ft. deep, small flow of water, course S. 70° E.; asc. SW. slope.
	51.80	Crest of spur, slopes SE.
	59.30	Desc. over NE. slope.
	76.50	Wash, 20 lks. wide, 1 ft. deep, small flow of water, course E. circling to S.
	78.38	Point for the cor. of secs. 25, 26, 35 and 36 at 240.00 chs. East of the cor. of secs. 28, 29, 32 and 33.
		Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd
		T3SR24E <u>S26 S25</u> <u>S35 S36</u> 1962
		Land, mountainous. Soil, rocky sandy clay loam. Timber, scattered juniper and pinon. Undergrowth, brush, cactus, mesquite and catclaw.
		East, bet. secs. 25 and 36.
		Desc. along S. slope through moderate undergrowth.
	4.00	Wash, 10 chs. wide, 6 ft. banks, drains S. 15° E.; asc. steep W. slope.
,	14.00	Asc. gentle W. slope.
	30.00	Jeep road, bears N. and S.; asc. NW. slope.
	40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.
		Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
		T3SR24E 2 S 25 S 36 1962

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	FIELD NOTE PAPER 9.
CHAINS	
	Subdivisions, T. 3 S., R. 24 E., Arizona
60.25	Intersect the S. bdy. of the San Carlos ^I ndian Reservation.
	Point for the closing cor. of secs. 25 and 36.
	Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.
	T3S, S C S 25 C S 36 I R24E R 1962
	Raise a mound of stone West of the cor.
	From the closing cor., the 42 mile cor. on the S. bdy. of the San Carlos Indian Reservation, bears N. 3°15' W., 10.07 chs. dist., monumented by an iron post as described in the official record.
	Land, mountainous. Soil, rocky sandy clay loam. Timber, scattered juniper and pinon. Undergrowth, brush, mesquite and cactus.
	From the cor. of secs. 25, 26, 35 and 36.
	N. 0°01' W., bet. secs. 25 and 26.
	Asc. gentle S. slope.
5.80	Spur, slopes SE.
10.00	Wash, 30 1ks. wide, 2 ft. deep, drains SE.; asc. SW. slope.
40.00	Point for the ½ sec. cor. of secs. 25 and 26.
	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E
	\$26 \$25 1962
	Thence, over gentle rolling land partially cleared of vegetation.
46.90	Bladed jeep road, bears N. 70° W. and S. 70° E.
56.70	Leave clearing; asc. S. slope.
68.00	Top of ascent, slopes E.; thence, along E. slope.
80.00	Point for the cor. of secs. 23, 24, 25 and 26.
	Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E S23 S24 S26 S25 1962

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CHAINS	Subdivisions, T. 3 S. R. 24 E., Arizona
	Land, rolling. Soil, rocky sandy clay loam. Timber, scattered juniper and pinon. Undergrowth, brush and cactus.
	East, bet. secs. 24 and 25.
	Desc. over E. slope through scattered timber and brush.
19.00	Enter partially cleared land.
31.00	Bladed jeep road, bears N. and S.; leave cleared land.
35.20	Wash, drains S. circling to SW.; asc. W. slope.
40.00	Point for the 1/2 sec. cor. of secs. 24 and 25.
	Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E 1 S24 S25 1962
	from which
	The center of dam on reservoir bears N. 23° W., 4.00 chs. dist.
56.56	Fence, 9 strand barbed wire, bears N. and S.
56.99	Intersect the S. bdy. of the San Carlos Indian Reservation.
	Point for the closing cor. of secs. 24 and 25.
	Set the iron post 14 ins. in the ground, mound with stones to top, cap mkd.
,	T3S S R24E S
	C S 24 C I R
	From the closing cor. the 41 mile cor. on the S. bdy. of the San Carlos Indian Reservation, bears S. 8°30' W., 2.95 chs. dist., monumented by an iron post as described in the official record.
	Land, rolling. Soil, rocky sandy clay loam. Timber, scattered juniper and pinon. Undergrowth, brush, cactus, mesquite and palo verde.
	From the cor. of secs. 23, 24, 25 and 26.
	N. 0°01' W., bet. secs. 23 and 24.
	Desc. NE. slope through scattered timber and undergrow ^t h.
27.10	Wash, drains SE.; asc. gentle S. slope.
40.00	Point for the ½ sec. cor. of secs. 23 and 24.
	Set the iron post 20 ins. in the ground, mound with stones to top, cap mkd.
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FIELD NOTE PAPER

11. CHAINS Subdivisions, T. 3 S., R. 24 E., Arizona T3SR24E 14 S23 | S24 1962 Thence, over gently rolling land through scattered vegetation. 53.40 Wash, drains S. 70° E. 63.48 Intersect the S. bdy. of the San Carlos Indian Reservation. Point for the closing cor. of secs. 23 and 24. Set the iron post 14 ins. in the ground, mound with stones to top, cap mkd. SCIR S23 S24 clc T3SR24E 1962 From the closing cor., the $39\frac{1}{2}$ mile cor. on the S. bdy. of the San Carlos Indian Reservation, bears S. 83° E., 1.21 chs. dist., monumented by an iron post as described in the official record. Land, gently rolling. Soil, rocky clay loam. Timber, scattered juniper and pinon. Undergrowth, scattered oak, brush, mesquite and palo verde. From the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the township. N. $0^{\circ}04'$ W., bet. secs. 34 and 35. Over rolling E. slope through moderate undergrowth. Desc. over N. slope by triangulation, topography as 10.00 taken from U.S.G,S. topographic sheet. 25.00 Wash, drains E.; asc. S. slope. 38.62 Point for the 1/2 sec. cor. of secs. 34 and 35. Set the iron post 5 ins. in the ground, mound with stones to top, cap mkd. T3SR24E 41.00 Spur, slopes E.; desc. over N. slope. 59.00 Wash, at bend, drains SE. from SW.; asc. S. slope. 64.00 End of triangulation; thence, over gently rolling land through scattered vegetation.

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CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona
78.62	Point for the cor. of secs. 26, 27, 34 and 35 at 160.00 chs. East of the cor. of secs. 28, 29, 32 and 33.
	Set the iron post 15 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E
	S27 S26 S34 S35 1962
	Land, rolling and broken. Soil, rocky sandy clay loam. Timber, scattered juniper and pinon. Undergrowth, brush, cactus, mesquite and palo verde.
	From the cor. of secs. 25, 26, 35 and 36.
	West, bet. secs. 26 and 35.
	Asc. along rolling S. slope.
10.70	Spur, slopes S.; desc. over W. slope.
16.90	Bottom of canyon, drains S. about 10.00 chs. thence NE.; asc. broken E. slope.
25.20	Small wash, drains SE.
40.00	Point for the 1/2 sec. cor. of secs. 26 and 35.
	Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E 2 S26 S35 1962
50.00	Top of knoll; desc. W. slope.
72.00	Enter cleared land, nearly level.
80.00	The cor. of secs. 26, 27, 34 and 35.
	Land, rolling and broken. Soil, rocky sandy clay loam. Timber, scattered juniper and pinon. Undergrowth, brush, cactus, mesquite and palo verde.
	N. 0°01' W., bet. secs. 26 and 27.
	Over nearly level land cleared of vegetation.
5.40	Jeep road, bears E. and W.; desc. gentle N. slope.
8.00	Leave cleared land, enter moderate undergrowth.
25.90	Canyon bottom, small stream of running water, course irregularly E.; asc. S. slope.
40.00	Point for the ½ sec. cor. of secs. 26 and 27.
	Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E
	S27 S26 1962

 	FIELD NOTE PAPER
CHAINS	
	Subdivisions, T. 3 S., R. 24 E., Arizona
58.90	Spur, slopes SE.
71.00	Draw, drains SE.
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.
	T3SR24E <u>S22</u> <u>S23</u> <u>S27</u> <u>S26</u> 1962
	The cor. is located on spur sloping SE.
	Land, rolling and broken. Soil, rocky clay loam. Timber, scattered juniper. Undergrowth, scattered to moderate oak, brush, catclaw, mesquite and palo verde.
	From the cor. of secs. 23, 24, 25 and 26.
	West bet. secs. 23 and 26.
	Asc. over E. slope through scattered timber.
24.00	Spur, slopes SE.; thence, along broken S. slope.
40.00	Point for the ½ sec. cor. of secs. 23 and 26.
	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E 2 S 23 S 26 1962
56.00	Draw, near head, drains SE.; asc. NE. slope.
80.01	The cor. of secs. 22, 23, 26 and 27.
	Land, rolling and broken. Soil, rocky clay loam. Timber, scattered juniper; undergrowth, brush, cactus, catclaw, mesquite and palo verde.
	N. 0°01' W., bet. secs. 22 and 23.
	Desc. over NE. slope through scattered timber.
13.60	Draw, near head, drains S. 60° E.; asc. S. slope.
24.00	Ridge, bears N. 60° E. and S. 60° W.; desc. general N. slope.
40.00	Point for the ½ sec. cor. of secs. 22 and 23.
	Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.
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		17.
	CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona
		T3SR24E
		S22 S23
		1962
	42.80	Wash in canyon, drains N. 70° E.; asc. S. slope.
	52.47	Fence, 9 strand barbed wire, bears S. 77° W. and N. 77° E.
	52.82	Intersect the S. bdy. of the San Carlos Indian Reservation.
		Point for the closing cor. of secs. 22 and 23.
		Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
١		SCIR
		S22 S23
		T3SR24E CC
		1962
		From the closing cor., the 38½ mile cor. on the S. bdy. of the San Carlos Indian Reservation, bears N. 77°10' E., 4.11 chs. dist., monumented by an iron post as described in the official record.
		Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper; undergrowth, oak, cactus, brush, mesquite, catclaw and palo verde.
		From the cor. of secs. 3, 4, 33 and 34 on the S. bdy. of the township.
		N. 0°06' E., bet. secs. 33 and 34.
		Over mountainous land through moderate timber.
	.40	Wash in canyon, 20 lks. wide, 2 ft. deep, small flow of water, course East.
	8.50	Spur, slopes SE.
	15.70	Draw, drains SE.; enter scattered timber.
	30.30	Draw, near head, drains E.; asc. along broken rocky E. slope.
	40.17	Point for the ½ sec. cor. of secs. 33 and 34.
		Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.
١		T3SR24E
	,	\$33 \$34 1962
	42.50	Spur, slopes E.
	50.60	Draw, small flow of water, course E.
	56.80	Spur, slopes E.; desc. N. slope.
	80.17	Point for the cor. of secs. 27, 28, 33 and 34 at 80.00 chs. east of the cor. of secs. 28, 29, 32 and 33.

FIELD NOTE PAPER

	13
CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona
	Set the iron post 3 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E <u>S28</u> S27 S33 S34 1962
	Land, mountainous. Soil, rocky clay loam. Timber, scattered to moderate juniper and pinon. Undergrowth, brush, cactus, mesquite catclaw and palo verde.
	From the cor. of secs. 26, 27, 34 and 35.
	West, bet. secs. 27 and 34.
	Over gently rolling land.
.50	Edge of clearing, bears N. and S.; enter scattered to moderate undergrowth.
32.00	Wash, drains SE.; asc. E. slope.
40.00	Point for the ½ sec. cor. of secs. 27 and 34.
	Set the iron post 5 ins. in the ground, mound with stones to top, cap mkd.
	T3SR24E 2 S 27 S 34 1962
52.00	Top of knoll; desc. W. slope.
73.10	Jeep road, bears N. and S.
78.20	Low knoll; desc. W. slope.
80.00	The cor. of secs. 27, 28, 33 and 34.
	Land, rolling. Soil, rocky clay loam. Timber, scattered juniper; undergrowth, brush, cactus, catclaw and palo verde.
	N. 0°02' W., bet. secs. 27 and 28.
	Desc. N. slope through scattered timber and heavy undergrowth.
	By triangulation, topography as taken from U.S.G.S. topographic sheet.
8.00	Jeep trail, bears E. and W.
10.00	Wash, drains irregularly E.; asc. S. slope.
28.50	End of triangulation on ridge bearing E. and W.; desc. over N. slope.

	10. AUSS 10.						
CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona						
40.00	Point for the 1/2 sec. cor. of secs. 27 and 28.						
	Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd.						
	T3SR24E						
	\$28 \$27 1962						
	By triangulation, topography as taken from U.S.G.S. topographic sheet.						
47.50	Wash, drains E.						
68.00	Draw, near head, drains S. 20° E.; asc. S. slope.						
80.00	Point for the cor. of secs. 21, 22, 27 and 28.						
Set the iron post 5 ins. in the ground, mound with stones to top, cap mkd.							
	T3SR24E <u>S21 S22</u> <u>S28 S27</u> 1962						
Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper; undergrowth, brush, cactus oak, catclaw and palo verde.							
	From the cor. of secs. 22, 23, 26 and 27.						
	S. 89°56' W., bet. secs. 22 and 27.						
	Asc. over SE. slope.						
16.10	Crest of large spur, slopes S.; by triangulation, topography as taken from U.S.G.S. topographic sheet; desc. over steep broken SW. slope.						
40.03	Point for the 1/2 sec. cor. of secs. 22 and 27.						
	Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.						
	T3SR24E 1/4 S 22 S 27 1962						
54.00	Wash in canyon, drains SE.; asc. NE. slope.						
77.00	End of triangulation on spur sloping SE.						
80.07	The cor. of secs. 21, 22, 27 and 28.						
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper; undergrowth, brush, cactus, mesquite, catclaw and palo verde.						
	N. 0°02' W., bet. secs. 21 and 22.						
Asc. over S. slope.							
3.00	Spur, slopes SE.; desc. NE. slope.						

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FIELD NOTE PAPER

	FIELD NOTE PAPER 17.
CHAINS	Cub direction of the control of the
	Subdivisions, T. 3 S., R. 24 E. Arizona
16.50	Asc. SE. slope.
24.54	Fence, 9 strand barbed wire, bears E. and W.
25.11	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 T3SR24E CC 1962
	From the closing cor. traverse to the 37 mile cor. on the S. bdy. of the San Carlos Indian Reservation.
	S. 87°30' W., .85 chs. dist. S. 50° W., 3.90 chs. dist. The 37 mile cor., monumented by an iron post as described in the official record.
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon. Undergrowth, cactus, oak, mesquite, catclaw and palo verde.
	From the cor. of secs. 27, 28, 33 and 34.
	West, bet. secs. 28 and 33.
	Over gently rolling land through moderate undergrowth.
2.50	Shallow wash, small flow of water, course N.
8.10	Wash, small flow of water, course N.
20.00	End of spur sloping from the S.; thence by triangulation, topography as taken from U.S.G.S. topographic sheet. Enter moderate timber; desc. over W. slope.
30.00	Bladed road, bears N. 70° E. and S. 70° W.; asc. along S. slope.
39.00	Point selected for the witness ½ sec. cor. of secs. 28 and 33.
	Set the iron post on broken bedrock, mound with stones to top, cap mkd.
·	T3SR24E W S28 C S33
40.00	1962 True point for the ½ sec. cor. of secs. 28 and 33 falls in a wash, small stream of water, course W.; thence, along canyon bottom. End of triangulation.

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CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona			
50.00	Recross bladed road, continue along S. side of canyon.			
78.00	Wash, 10 1ks. wide, 3 ft. deep, drains N.			
80.00	The cor. of secs. 28, 29, 32 and 33, monumented by an iron post as described in the official record.			
	Land, mountainous. Soil, rocky clay loam. Timber, moderate to scattered juniper and pinon. Undergrowth, oak, catclaw, mesquite, cactus and palo verde.			
	N. 0°02' W., bet. secs. 28 and 29.			
	Over mountainous land through moderate timber and undergrowth.			
	By triangulation, topography as taken from U.S.G.S. topographic sheet; desc. N. slope.			
4.00	Bladed road, bears irregularly E. and NW.			
5.00	Wash, small flow of water, course N. 30° W.; asc. along rolling W. slope.			
34.60	End of triangulation.			
38.00	Wash, 10 1ks. wide, 2 ft. deep, drains W.			
39.30	Finger spur, slopes W.			
40.00	True point for the ½ sec. cor. of secs. 28 and 29 falls in small wash draining W.			
40.20	Point selected for the witness ½ cor. of secs. 28 and 29.			
	Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.			
	T3SR24E			
	S29 S28 WC			
	1962			
44.60	Wash, 20 1ks. wide, 2 ft. deep, drains W.			
54.00	Spur, slopes N. 60° W.			
56.60	Draw, near head, drains N. 60° W.			
80.00	Point for the cor. of secs. 20, 21, 28 and 29.			
	Set the iron post 15 ins. in the ground, mound with stones to top, cap mkd.			
	T3SR24E <u>S20 S21</u> <u>S29 S28</u> 1962			
	Land, mountainous. Soil, rocky clay loam. Timber, moderate juniper and pinon. Undergrowth, brush, oak, mesquite, cactus and catclaw.			
	•			

FIELD NOTE PAPER 19. **CHAINS** Subdivisions, T. 3 S., R. 24 E., Arizona From the cor. of secs. 21, 22, 27 and 28. West, bet. secs. 21 and 28. Asc. over rolling S. slope. 10.41 Intersect the S. bdy. of the San Carlos Indian Reservation. Point for the closing cor. of secs. 21 and 28. Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd. From the closing cor. traverse to the $36\frac{1}{2}$ mile cor. on the S. bdy. of the San Carlos Indian Reservation. S. 81° W., 12.09 chs. dist. S. 26° W., 1.30 chs. dist. The $36\frac{1}{2}$ mile cor., monumented by an iron post as described in the official From the closing cor. West, on a blank line over the San Carlos Indian Reservation, continuing measurement. 54.81 Intersect the S. bdy. of the San Carlos Indian Reservation. Point for the closing cor. of secs. 21 and 28. Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd. C C S 21 C S 28 R24E 1962 From the closing cor. the $35\frac{1}{2}$ mile cor. on the S. bdy. of the San Carlos Indian Reservation, bears N. 2°30' E., 4.10 chs. dist., monumented by an iron post as described in the official record. From the closing cor. West, bet. secs. 21 and 28, continuing measurement. Desc. over steep, ledgy W. slope through moderate timber and undergrowth. 80.07 The cor. of secs. 20, 21, 28 and 29.

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CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona			
	Land, mountainous. Soil, rocky clay loam. Timber, moderate juniper and pinon; undergrowth, oak, cactus, brush.			
	N. 0°02' W., bet. secs. 20 and 21.			
	Desc. over rolling NW. slope through scattered to moderate timber.			
4.60	Wash, drains W.			
7.30	Finger spur, slopes W.			
15.90	Wash, drains W.			
23.40	Wash, drains W.			
30.70	Wash, 30 1ks. wide, 1 ft. deep, drains SW.; asc. S. slope.			
40.00	Point for the 1/2 sec. cor. of secs. 20 and 21.			
	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.			
	T3SR24E			
-	\$20 \$21 1962			
	Asc. over broken, ledgy SW. slope.			
55.30	Ledgy rim, bears NW. and SE.; asc. S. slope.			
65.54	Intersect the S. bdy. of the San Carlos Indian Reservation.			
	Point for the closing cor. of secs. 20 and 21.			
	Set the iron post on broken bedrock, mound with stones to top, cap mkd.			
	S C I R S20 S21 T3SR24E CC 1962			
	From the closing cor., traverse to the $34\frac{1}{2}$ mile cor. on the S. bdy. of the San Carlos Indian Reservation.			
	S. 84° E., 1.59 chs. dist. N. 84°45° E., 7.70 chs. dist. S. 12° E., 2.90 chs. dist. The 34½ mile cor., monumented by an iron post as described in the official record.			
	Land, mountainous. Soil, rocky clay loam. Timber, moderate to scattered juniper and pinon. Undergrowth, oak, cactus, mesquite, catclaw and palo verde.			

FIELD NOTE PAPER

	CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona
		From the cor. of secs. 29, 30, 31 and 32, monumented by an iron post as described in the official record.
		N. 89°45' W., bet. secs. 30 and 31.
		Over mountainous land through moderate timber; desc. along spur sloping W.
	37.30	Small wash, drains N. circling to NW.; desc. W. slope.
	40.00	Point for the ½ sec. cor. of secs. 30 and 31.
		Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.
		T3SR24E 1/4 S 30 S 31 1962
	41.30	Small wash, drains N. circling to NW.
	43.60	Finger spur, slopes NW.
_	56.30	Small wash, drains irregularly NW.
	59.80	Small knoll; desc. over rolling W. slope.
	77.84	The cor. of secs. 25, 30, 31 and 36, monumented by an iron post as described in the concurrent resurvey.
		Land, mountainous. Soil, rocky sandy clay loam. Timber, moderate to scattered juniper and pinon. Undergrowth, cactus, catclaw, oak, creosote brush, mesquite and palo verde.
		From the cor. of secs. 29, 30, 31 and 32.
		N. 0°03' W., bet. secs. 29 and 30.
		Asc. S. slope through moderate timber.
	1.90	Spur, slopes N. 80° W.; by triangulation, topography as taken from U.S.G.S. topographic sheet; desc. over steep broken land facing N.
	40.00	Point for the z sec. cor. of secs. 29 and 30.
		Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.
		T 3SR24E 之 S30 S29 1962
	,	End of triangulation.
	42.00	Small wash, drains N.
	47.60	Same wash, drains NW.

	22.			
CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona			
66.50	Bladed road, follows along canyon bottom, bears irregularly E. and W.; wash, drains W.; asc. S. slope			
75.40	Wash, 10 1ks. wide, 3 ft. deep, drains S. 30° W.			
80.00	Point for the cor. of secs. 19, 20, 29 and 30.			
	Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd.			
	T3SR24E			
	S19 S20 S30 S29			
	1962			
	Land, mountainous.			
	Soil, rocky clay loam. Timber, moderate juniper and pinon.			
	Undergrowth, cactus, oak, brush, catclaw, mesquite and			
	palo verde.			
	From the cor. of secs. 20, 21, 28 and 29.			
	S. 89°59' W., bet. secs. 20 and 29.			
	Desc. over rolling W. slope through moderate timber.			
9.00	Draw, drains SW.			
14.30	Low broken ridge, bears NE. and SW.; desc. steep NW. slope.			
30.00	Wash in canyon, drains SW.; thence, over rolling S. slope through scattered timber.			
39.96	Point for the 2 sec. cor. of secs. 20 and 29.			
·	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.			
	T3SR24E			
	½ <u>S 20</u> S 29			
	1962			
44.80	Small wash, drains S.			
48.60	S. side of small knoll.			
53.80	Small wash, drains S.			
56.00	Small wash, drains S.			
59.50	Small wash, drains S.			
66.50	Wash, 10 1ks. wide, 4 ft. deep, drains S.			
68.50	Spur, slopes S.			
69.30	Wash, 10 1ks. wide, 3 ft. deep, drains S.			
76.90	Wash, 10 1ks. wide, 3 ft. deep, drains S. 30° W.			
79.93	The cor. of secs. 19, 20, 29 and 30.			
	Land, mountainous. Soil, rocky clay loam. Timber, moderate to scattered juniper and pinon. Undergrowth, oak, cactus, creosote brush, catclaw and mesquite.			

FIELD NOTE PAPER

23. **CHAINS** Subdivisions, T. 3 S., R. 24 E., Arizona N. 89°44' W., bet. secs. 19 and 30. Desc. W. slope through moderate undergrowth and scattered timber. 3.10 Wash, drains S. 15° W. 10.40 Spur, slopes S.; desc. SW. slope. 15.50 Wash, drains S. 26.50 Spur, slopes S.; desc. NW. slope. 40.00 Point for the 1/2 sec. cor. of secs. 19 and 30. Set the iron post on broken bedrock, mound with stones to top, cap mkd. T3SR24E 41.70 Small wash, drains SW. 45.50 Wash, 30 lks. wide, 1 ft. deep, drains S. Ridge, bears N. 20° E. and S. 20° W. 54.50 64.50 Wash, 40 lks. wide, 3 ft. deep, drains SW. 77.75 The cor. of secs. 19, 24, 25 and 30, monumented by an iron post as described in the concurrent resurvey. Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon. Undergrowth, cactus, mesquite, catclaw, brush, palo verde and oak. From the cor. of secs. 19, 20, 29 and 30. N. 0°03' W., bet. secs. 19 and 20. By triangulation, topography as taken from U.S.G.S. topographic sheet; asc. over steep broken land facing S. 40.00 Point for the 2 sec. cor. of secs. 19 and 20. Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd. T3SR24E S19 S20 End of triangulation. Spur, projects SW.; thence along broken W. slope. 46.20 Draw, drains SW.; asc. SE. slope. 75.00 Point for the cor. of secs. 17, 18, 19 and 20. 80.00

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CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona					
	Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.					
	T3SR24E <u>S18 S17</u> <u>S19 S20</u> 1962					
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon. Undergrowth, oak, mesquite, palo verde, cactus and creosote brush.					
	East, bet. secs. 17 and 20.					
	By triangulation, asc. over steep, broken, ledgy land facing West.					
23.50	Intersect the S. bdy. of the San Carlos Indian Reservation.					
	Point for the closing cor. of secs. 17 and 20.					
	Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.					
	T3S S R24E C C S 17 I C S 20 R 1962					
	From the closing cor., the $33\frac{1}{2}$ mile cor. on the S. bdy. of the San Carlos Indian Reservation bears S. 17°50' E., 2.07 chs. dist., monumented by an iron post as described in the official record.					
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon. Undergrowth, oak, cactus, catclaw, mesquite and palo verde.					
	From the cor. of secs. 17, 18, 19 and 20.					
	N. 89°42' W., bet. secs. 18 and 19.					
	By triangulation, topography as taken from U.S.G.S. topographic sheet; desc. over broken SW. slope.					
12.00	Draw, drains S.					
15.00	Spur, slopes S.					
19.00	Wash, drains S. 15° W.; desc. over rolling SW. slope.					
34.00	Wash, drains S.; asc. broken SE. slope.					
40.00	Point for the 1 sec. cor. of secs. 18 and 19.					
	Set the iron post on broken bedrock, mound with stones to top, cap mkd.					
	T3SR24E 2 S 18 S 19 1962					

FIELD NOTE PAPER

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CHAINS	Subdivisions, T. 3 S., R. 24 E., Arizona	
	End of triangulation.	
52.40	Spur, slopes S.; desc. over broken W. slope.	
70.50	Wash, 20 1ks. wide, 2 ft. deep, drains S.; asc. E. slope.	·
77.69	The cor. of secs. 13, 18, 19 and 24, monumented by an iron post as described in the concurrent resurvey.	
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon. Undergrowth, oak, cactus, mesquite, brush and palo verde.	
	From the cor. of secs. 17, 18, 19 and 20.	
	N. 0°03' W., bet. secs. 17 and 18.	
	By triangulation, asc. over steep broken SW. slope.	
20.62	Intersect the S. bdy. of the San Carlos Indian Reservation.	
	Point for the closing cor. of secs. 17 and 18.	
	Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.	
	S C I R S 18 S 17 T3SR24E CC 1962	
	From the closing cor. the 33 mile cor. on the S. bdy. of the San Carlos Indian Reservation bears N. 55°43' W., 2.57 chs. dist., monumented by an iron post as described in the official record.	
	Land, mountainous. Soil, rocky clay loam. Timber, scattered juniper and pinon; undergrowth, oak, brush, and cactus.	
	From 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 concurrent resurvey.	
	East, bet. secs. 7 and 18.	
	Asc. steep SW. slope.	
2.75	Intersect the S. bdy. of the San Carlos Indian Reservation.	
	Point for the closing cor. of secs. 7 and 18, falls on side of rocky outcrop where cor. cannot be perpetuated.	
2.81	Point selected for the witness closing cor. of secs. 7 and 18.	
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CHAINS

Township 3 South, Range 24 East Gila and Salt River Meridian, Arizona

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

From the true point for the closing cor. of secs. 7 and 18, traverse to the $31\frac{1}{2}$ mile cor. on the S. bdy. of the San Carlos Indian Reservation.

S. 31° E., 0.75 chs. dist.
S. 43°30' E., 3.40 chs. dist.
S. 51°15' E., 9.90 chs. dist.
N. 81°45' E., 2.00 chs. dist.

The 31½ mile cor., monumented by an iron post as described in the official record.

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

General Description

The south boundary of the San Carlos Indian Reservation cuts through the township from west to east, the south part being outside of the Reservation. The land in this part of the township is rough and broken, with the elevation varying from about 4200 feet above sea level in section 31 to about 6415 feet above sea level on the crest of the Gila Mountains in section 18.

The soil over most of the township is shallow rocky clay loam and gravel, which supports a fair growth of brush, cactus, mesquite, catclaw and grass, with a moderate growth of juniper and pinon in section 29, extending into adjoining sections. The land is used primarily for the grazing of livestock and a habitat for wildlife as there are several springs and tanks within the area.

There was no mining activity noted in the township; however, numerous mineral claims have been staked in the western part in recent months.

Form 4-680 (January 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

500% 4068

FIELD ASSISTANTS

TIELD AGGITANTO			
NAMES	CAPACITY		
Paul G. Bauer	Transitman (Crew Chief)		
Rex Edwards	Note Keeper		
LaVern Griffin	Front Chainman		
Jerald Brindley	Flagman		
Ashley Allen	Cornerman		
Dennis_Twitchell	Axeman		

500K 4688

CERTIFICATE OF SURVEY

WE, Boyd S. Owens Paul G. Bauer

, HEREBY CERTIFY upon honor that,

in pursuance of special instructions bearing date of the 15 day of September , 1961, WE MXhave dependently resurveyed the south boundary, retraced a portion of the south boundary of the San Carlos Indian Reservation and surveyed the section lines outside of the San Carlos Indian Reservation,

Township 3 South, Range 24 East

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

March 21, 1963 (Date)

(Cadastral Surveyor)

March 21, 1963
(Date)

Surveying (Cadastral Surveyor) Technician

CERTIFICATE OF APPROVAL Bureau of Land Management

The foregoing field notes of the dependent resurvey of the south boundary, retracement of a portion of the south boundary of the San Carlos Indian Reservation, T. 3 S., R. 24 E., Gila and Salt River Meridian, Arizona

executed by Boyd S. Owens, Cadastral Surveyor and Paul G. Bauer, Surveying Technician having been critically examined and found correct, are hereby approved.

Washington, D. C. FEB 26 1964

(Date)

(Chief, Division of Engineering)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript	of the field notes	of the above-described su	rveys in

, is a true copy of the original field notes.

(Date) (Chief, Division of Engineering)