

ORIGINAL

1

BOOK 5494

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF

THE FORT McDOWELL INDIAN RESERVATION BOUNDARY AND

A PORTION OF THE SUBDIVISIONAL LINES

AND THE METES-AND-BOUNDS SURVEY

IN

SECTIONS 27 AND 28,

TOWNSHIP 3 NORTH, RANGE 7 EAST

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

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated January 16, 1997, approved January 16, 1997, which provided for the surveys included under Group Number 809 and assignment instructions dated January 16, 1997.

Survey commenced January 22, 1997

Survey completed February 11, 1997

2
BOOK 5494
INDEX DIAGRAM

TOWNSHIP 3 NORTH, RANGE 7 EAST,

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
		9	8		
30	29	28	27	26	25
31	32	33	34	35	36

Resurvey Ft. McDowell I.R.
Metes-and-Bounds Survey

pp. 4-6
pp. 10-13

BOOK 5494

T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the Fort McDowell Indian Reservation boundary and a portion of the subdivisional lines and the metes-and-bounds survey in sections 27 and 28, Township 3 North, Range 7 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: In 1901, Homer Santee surveyed the Fort McDowell Military Reservation boundary. In 1911, Robert A. Farmer resurveyed the boundary of the Fort McDowell Military Reservation, now known as Fort McDowell Indian Reservation. In 1966, Wallace R. Ott and Gary T. Oviatt surveyed portions of the subdivisional lines outside the reservation boundary.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 16, 1997, for Group No. 809, Arizona.

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

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia SET2BII total station instrument.

The geographic position of the cor. of secs. 22, 23, 26 and 27 as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "STEWART MOUNTAIN 1935", located in section 29, Township 3 North, Range 8 East is as follows:

Latitude: 33°34'56.48" N. Longitude: 111°36'48.57" W. NAD 27

The mean magnetic declination as taken from quadrangle map GRANITE REEF DAM, ARIZ., published in 1964 by U.S. Geological Survey, is 14° E.

Dependent Resurvey of a Portion of the
Fort McDowell Indian Reservation Boundary,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS									
	<p>Restoring the survey executed by Robert A. Farmer in 1911</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the 13 mile cor., determined along the E. side of the 1911 witness cor., an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with a mound of stone, 4 ft. base, 2 ft. high to the W., with brass cap mkd. CMCDIR 13MP WC 1911.</p> <p>At the cor. point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border: none; margin: auto;"> <tr> <td style="padding-right: 5px;">FTMCDIR</td> <td style="border-left: 1px solid black; padding-left: 5px; padding-right: 5px;">T3N</td> </tr> <tr> <td style="padding-right: 5px;">13M</td> <td style="border-left: 1px solid black; padding-left: 5px; padding-right: 5px;">R7E</td> </tr> <tr> <td style="padding-right: 5px;"></td> <td style="border-left: 1px solid black; padding-left: 5px; padding-right: 5px;">S21</td> </tr> <tr> <td style="padding-right: 5px;"></td> <td style="border-left: 1px solid black; padding-left: 5px; padding-right: 5px;">1997</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>The original granite stone, 26 x 18 x 10 ins., mkd. FT MCD MR 13 M on a face, and PL on the opposite face, found lying loose nearby.</p> <p>Bury the iron post, 36 ins. long, and the original stone alongside the stainless steel post.</p> <p>S. 6°33' W., on mile 14.</p> <p>Along four strand barbed wire fence, over broken land, through creosote, and cacti.</p> <p>36.20 Center of sandy wash, 18 lks. wide, 3 ft. deep, drains WSW.</p> <p>39.15 The closing cor. of secs. 21 and 28, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with a mound of stone 2 1/2 ft. base, 1 1/2 ft. high to the W., with brass cap mkd. S21 T3N CC FMCDIR R7E S28 1966 1911.</p> <p>Add the marks 1997 to the brass cap.</p> <p>Cor. is located in a four strand barbed wire fence.</p> <p>40.08 The 13 1/2 mile cor., determined along the E. side of the 1911 witness cor., an iron post, 1 in. diam., firmly set, projecting 11 ins. above ground, with a mound of stone 3 ft. base, 2 ft. high to the W., with brass cap mkd. 13 1/2 MP CMCDIR WC 1911.</p>	FTMCDIR	T3N	13M	R7E		S21		1997
FTMCDIR	T3N								
13M	R7E								
	S21								
	1997								

Dependent Resurvey of a Portion of the
Fort McDowell Indian Reservation Boundary,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>At the cor. point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> FTMCDIR / T3N 13 1/2 M / R7E / S28 1997 </p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Bury the iron post, 36 ins. long, alongside the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 6°34' W., beginning new measurement.</p> <p>Along four strand barbed wire fence, over broken land, through creosote, and cacti.</p> <p>4.12 Northerly R.O.W. fence of Az. Highway No. 87, 4 strand barbed wire, bears E. and W.</p> <p>5.71 Northerly edge of pavement, southbound Az. Highway No. 87, bears E. and W.</p> <p>6.09 Point for AP 1, of the metes-and-bounds survey in sections 27 and 28, at the intersection with the center line of southbound Az. Highway No. 87.</p> <p>Set a steel nail, 3 ins. long, 3/8 in. diam., flush in the pavement, with a 1 in. diam. disk, mkd. SURVEY MARK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 35 ins. in the ground for a reference monument, bears N. 32°39' E., 151.3 ft. dist., with aluminum cap mkd. RM T3N R7E 151.3 FT TO COR S28 1997, and an arrow pointing to the cor.</p> <p>From this cor. point, Station 1030 + 10.40, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1030 + 10.40 130 LT 8899 19, bears N. 6°21' E., 1.98 chs. dist.</p>

Dependent Resurvey of a Portion of the
Fort McDowell Indian Reservation Boundary,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS									
	From this same cor. point, Station 1029 + 90.28, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1029 + 90.28 130 LT 8899 19, bears N. 1°54' W., 1.97 chs. dist.								
6.80	Southerly edge of pavement, southbound Az. Highway No. 87, bears E. and W.								
6.87	Northerly edge of pavement, northbound Az. Highway No. 87, bears E. and W.								
7.51	Southerly edge of pavement, northbound Az. Highway No. 87, bears E. and W.								
8.68	Southerly R.O.W. fence of Az. Highway No. 87, bears E. and W.								
40.08	<p>The 14 mile cor., monumented with a granite stone, 16 x 8 x 8 ins. above ground, mkd. FT McD MR 14M on the E. face, and PL on the W. face, (marks are incorrectly oriented), with an iron post, firmly set, projecting 14 ins. above ground, along the W. side, with brass cap mkd. CMCDIR 14 MP WC 1911, and a mound of stone 4 ft. base, 2 ft. high to the W.</p> <p>At the cor. point.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border: none;"> <tr> <td style="padding: 0 5px;">FTMCDIR</td> <td style="border-left: 1px solid black; padding: 0 5px;">T3N</td> </tr> <tr> <td style="padding: 0 5px;">14 M</td> <td style="border-left: 1px solid black; padding: 0 5px;">R7E</td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="border-left: 1px solid black; padding: 0 5px;">S28</td> </tr> <tr> <td style="padding: 0 5px;"></td> <td style="padding: 0 5px;">1997</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Cor. is located in a four strand barbed wire fence.</p> <p>Bury the iron post, 36 ins. long, and the original stone, 19 x 16 x 8 ins., alongside the stainless steel post.</p> <hr style="border: 0.5px solid black; margin: 20px 0;"/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr style="border: 0.5px solid black; margin: 20px 0;"/> <p style="text-align: center;">Restoring the survey executed by Wallace R. Ott and Gary T. Oviatt in 1966</p> <hr style="border: 0.5px solid black; margin: 10px auto; width: 20%;"/>	FTMCDIR	T3N	14 M	R7E		S28		1997
FTMCDIR	T3N								
14 M	R7E								
	S28								
	1997								

BOOK 5494

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 27 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, with a mound of stone 3 ft. base, 1 1/2 ft. high to the W., with brass cap mkd. T3N R7E 1/4 S28 S27 1966.</p>
	<p>Add the marks 1997 to the brass cap.</p>
	<p>N. 0°01' E., bet. secs. 27 and 28.</p>
	<p>Over rolling land, through moderate palo verde.</p>
29.86	<p>Southerly R.O.W. fence of Az. Highway No. 87, bears E. and W.</p>
30.97	<p>Southerly edge of pavement, northbound Az. Highway No. 87, bears E. and W.</p>
31.62	<p>Northerly edge of pavement, northbound Az. Highway No. 87, bears E. and W.</p>
32.13	<p>Southerly edge of pavement, southbound Az. Highway No. 87, bears E. and W.</p>
32.41	<p>Point for AP 2, of the metes-and-bounds survey in sections 27 and 28, at the intersection with the center line of southbound Az. Highway No. 87.</p>
	<p>Set a steel nail, 3 ins. long, 3/8 in. diam., flush in the pavement, with a 1 in. diam. disk, mkd SURVEY MARK and a dimple in the center.</p>
	<p>from which</p>
	<p>An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 31 ins. in the ground for a reference monument, bears N. 30°48' E., 148.1 ft. dist., with aluminum cap mkd. RM T3N R7E 148.1 FT TO COR S27 1997, and an arrow pointing to the cor.</p>
	<p>From this cor. point, Station 1052 + 52, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1052 + 52 130 LT 8899 19, bears N. 0°01' E., 1.97 chs. dist.</p>
32.79	<p>Northerly edge of pavement, southbound Az. Highway No. 87, bears E. and W.</p>
34.37	<p>Northerly R.O.W. fence of Az. Highway No. 87, 4 strand barbed wire bears E. and W.</p>
34.38	<p>Highway R.O.W. station 1052 + 52, hereinbefore described.</p>

BOOK 5494

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.97	<p>The cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with a mound of stone, 3 ft. base, 2 ft. high to the W., with brass cap mkd. T3N R7E S21 S22 S28 S27 1966.</p> <p>Add the marks 1997 to the brass cap.</p> <hr/> <p>From the cor. of secs. 22, 23, 26 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T3N R7E S22 S23 S27 S26 1966.</p> <p>Add the marks 1997 to the brass cap.</p> <p>Cor. is located 11 lks. S., of the south edge of pavement, of the northbound lane of Az. Highway No. 87.</p> <p>From this cor. point, U.S. Coast and Geodetic Survey triangulation station "STEWART MOUNTAIN 1935", with published latitude of 33°34'55.678" N. and longitude of 111°33'26.682" W. NAD27, bears S. 89°44'37" E., (forward bearing), 258.83 chs. dist., monumented with a standard bronze disk, 3 1/2 ins. diam., cemented flush with the surface of a rock outcrop, with top mkd. STEWART MT. 1935 and a triangle.</p> <p>N. 89°58' W., bet. secs. 22 and 27.</p> <p>Over rolling land, through scattered palo verde.</p>
0.49	<p>Southerly edge of pavement, northbound Az. Highway No. 87, bears ENE and WNW.</p>
2.11	<p>Northerly edge of pavement, northbound Az. Highway No. 87, bears ENE and WNW.</p>
26.73	<p>Southerly edge of pavement, southbound Az. Highway No. 87, bears ENE and WSW.</p>
27.63	<p>Point for AP 9, of the metes-and-bounds survey in sections 27 and 28, at the intersection with the center line of southbound Az. Highway No. 87.</p> <p>Set a steel nail, 1 1/2 ins. long, 1/4 in. diam., flush in the pavement, with a 1/2 in. diam. disk, mkd. PK and a dimple in the center.</p> <p>from which</p>

BOOK 5494

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 33 ins. in the ground for a reference monument, bears S. 46°47' W., 174.4 ft. dist., with aluminum cap mkd. RM T3N R7E 174.4 FT TO COR S27 1997, and an arrow pointing to the cor.</p>
	<p>An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 29 ins. in the ground for a reference monument, bears N. 74°54' W., 184.0 ft. dist., with aluminum cap mkd. RM T3N R7E 184.0 FT TO COR S22 1997, and an arrow pointing to the cor.</p>
	<p>From this cor. point, Station 1092 + 49.96 PT, monumented with a steel nail 1 in. diam., set flush with the pavement, mkd. PK and a dimple in the center, bears N. 74°37' E., 6.69 chs. dist.</p>
28.77	<p>Northerly edge of pavement, southbound Az. Highway No. 87, bears ENE and WSW.</p>
32.05	<p>Northerly R.O.W. fence of Az. Highway No. 87, 4 strand barbed wire bears ENE and WSW.</p>
32.54	<p>Barbed wire fence, 4 strand, bears NNE and SSW.</p>
40.03	<p>The 1/4 sec. cor. of secs. 22 and 27, monumented with an iron post, 2 1/2 ins. diam., firmly set projecting 8 ins. above ground, with a mound of stone 2 ft. base, 1 ft. high to the N., with brass cap mkd. T3N R7E 1/4 S22 S27 1966.</p>
	<p>Add the marks 1997 to the brass cap.</p>
	<hr/> <p>N. 89°59' W., beginning new measurement.</p>
17.30	<p>Center of track road, 12 lks. wide, bears NE and SW.</p>
20.03	<p>The W. 1/16 sec. cor. of secs. 22 and 27, established by Gordon H. Long, Arizona Registered Land Surveyor No. 6713, in 1970, monumented with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T3N R7E S22 W1/16 S27 LS 6713 1970. This is accepted as a careful and faithful determination of the cor. position.</p>
	<hr/> <p>S. 89°59' W., beginning new measurement.</p>
20.02	<p>The cor. of secs. 21, 22, 27 and 28.</p>
	<hr/> <p>N. 89°57' W., bet. secs. 21 and 28.</p>

BOOK 5494

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
33.37	<p>Over broken land, through moderate palo verde.</p> <p>The closing cor. of secs. 21 and 28, at the intersection with the E. bdy. of the Fort McDowell Indian Reservation, hereinbefore described.</p> <p>From this cor. point, the 13 1/2 mile cor. bears S. 6°33' W., 0.93 chs. dist., hereinbefore described.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Sections 27 and 28, T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From AP 1, at the intersection of the center line of the southbound Az. Highway No. 87 with the E. bdy. of the Ft. McDowell Indian Reservation, hereinbefore described.</p> <p>S. 88°58' E., on line 1-2, along the center line of southbound Az. Highway No. 87.</p>
34.18	<p>AP 2, at the intersection with the line bet. secs. 27 and 28, hereinbefore described.</p> <p>From this cor. point, the cor. of secs. 21, 22, 27 and 28, bears N. 0°01' E., 7.56 chs. dist., hereinbefore described.</p> <hr/> <p>S. 88°58' E., on line 2-3, along the center line of southbound Az. Highway No. 87.</p>
15.03	<p>Point for AP 3, and beginning of circular curve.</p> <p>Set a steel nail, 1 1/2 ins. long, 1/4 in. diam., flush in the pavement, with a 1/2 in. diam. disk, mkd. PK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 30 ins. in the ground for a reference monument, bears N. 41°47' E., 170.6 ft. dist., with aluminum cap mkd. RM T3N R7E 170.6 FT TO COR S27 1997, and an arrow pointing to the cor.</p> <p>From this cor. point, Station 1062 + 46.34, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1062 + 46.34 100'T 8899 19, bears N. 1°02' E., 1.97 chs. dist.</p> <hr/>

Metes-and-Bounds Survey in Sections 27 and 28,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
9.821	<p>Thence on line 3-4, along the arc of a 0°25'08" circular curve to the left having a radius of 13681.03 ft., a dist. of 9.821 chs., along the center line of southbound Az. Highway No. 87, the chord of said arc bears N. 89°41' E., 9.820 chs. dist.</p> <p>Point for AP 4, and end of circular curve, identical with the beginning of a portion of a spiral curve.</p> <p>Set a steel nail, 1 1/2 ins. long, 1/4 in. diam., flush in the pavement, with a 1/2 in. diam. disk, mkd. PK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 31 ins. in the ground for a reference monument, bears N. 46°40' E., 183.3 ft. dist., with aluminum cap mkd. RM T3N R7E 183.3 FT TO COR S27 1997, and an arrow pointing to the cor.</p> <p>From this cor. point, Station 1068 + 94.57, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1068 + 94.57 130LT 8899 19, bears N. 1°40' W., 1.97 chs. dist.</p>
2.396	<hr/> <p>Thence on line 4-5, along the arc of a portion of a spiral curve to the left, having a spiral angle of 1°55'09", a dist. of 2.396 chs., along the center line of southbound Az. Highway No. 87, the subchord bears N. 87°33' E., 2.396 chs. dist.</p> <p>Point for AP 5, and end of a portion of a spiral curve, identical with the beginning of a circular curve.</p> <p>Set a steel nail, 1 1/2 ins. long, 1/4 in. diam., flush in the pavement, with a 1/2 in. diam. disk, mkd. PK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 33 ins. in the ground for a reference monument, bears N. 37°35' E., 175.0 ft. dist., with aluminum cap mkd. RM T3N R7E 175.0 FT TO COR S27 1997, and an arrow pointing to the cor.</p>

12
BOOK 5494

Metes-and-Bounds Survey in Sections 27 and 28,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, Station 1070 + 52.69, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1070 + 52.69 130LT 8899 19, bears N. 3°35' W., 1.97 chs. dist.</p> <hr/>
12.777	<p>Thence on line 5-6, along the arc of a 2°00'00" circular curve to the left having a radius of 2864.79 ft., a dist. of 12.777 chs., along the center line of southbound Az. Highway No. 87, the chord of said arc bears N. 77°59' E., 12.731 chs. dist.</p> <p>Point for AP 6, and end of circular curve, identical with the beginning of a spiral curve.</p> <p>Set a steel nail, 1 1/2 ins. long, 1/4 in. diam., flush in the pavement, with a 1/2 in. diam. disk, mkd. PK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 31 ins. in the ground for a reference monument, bears N. 23°19' E., 181.7 ft. dist., with aluminum cap mkd. RM T3N R7E 181.7 FT TO COR S27 1997, and an arrow pointing to the cor.</p> <p>From this cor. point, Station 1078 + 95.80, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1078 + 95.80 8899 19, bears N. 20°27' W., 1.97 chs. dist.</p> <hr/>
3.030	<p>Thence on line 6-7, along the arc of a spiral curve to the left, having a spiral angle of 2°00'00", a dist. of 3.030 chs., along the center line of southbound Az. Highway No. 87, the subchord bears N. 68°12' E., 3.030 chs. dist.</p> <p>Point for AP 7, and end of spiral curve.</p> <p>Set a steel nail, 1 1/2 ins. long, 1/4 in. diam., flush in the pavement, with a 1/2 in. diam. disk, mkd. PK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 31 ins. in the ground for a reference monument, bears N. 26°28' E., 201.1 ft. dist., with aluminum cap mkd. RM T3N R7E 201.1 FT TO COR S27 1997, and an arrow pointing to the cor.</p>

Metes-and-Bounds Survey in Sections 27 and 28,
T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>From this cor. point, Station 1081 + 03.39/1080 + 95.80, monumented with an aluminum disk, 3 ins. diam., set in concrete, flush with the ground, with top mkd. ADOT HIGHWAY DIV 1081 + 03.39 1080 + 95.80 130 LT 8899 19, bears N. 22°38' W., 1.97 chs. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 67°32' E., on line 7-8, along the center line of southbound Az. Highway No. 87.</p>
5.50	<p>Point for AP 8, identical with Station 1084 + 66.50 PC, monumented with a steel nail, 1 in. diam., set flush with the pavement, mkd. PK and a dimple in the center.</p> <p>from which</p> <p style="padding-left: 40px;">An aluminum drive rod, 36 ins. long, 3/4 in. diam., set 31 ins. in the ground for a reference monument, bears N. 8°27' W., 103.7 ft. dist., with aluminum cap mkd. RM T3N R7E 103.7 FT TO COR S27 1997, and an arrow pointing to the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence on line 8-9, along a 1°15'00" circular curve to the left, having a radius 4583.66 ft., a dist. of 5.188 chs., along the center line of southbound Az. Highway No. 87, the chord of said arc. bears N. 69°44' E., 5.187 chs. dist.</p>
5.188	<p>AP 9, at intersection with the line bet. secs. 22 and 27, hereinbefore described.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 22 and 27, bears N. 89°58' W., 12.40 chs. dist., hereinbefore described.</p> <hr style="width: 50%; margin: 10px auto;"/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area encompassed in this resurvey lies adjacent to and east of the Ft. McDowell Indian Reservation. Stewart Mountain Dam on Saguaro Lake is approximately 4 miles east.</p> <p>The land is predominantly rolling, with sandy loam soil, saguaros, and palo verde are plentiful.</p> <p>Az. Highway No. 87, also known as the Beeline Highway, a divided highway through the surveyed area is the prominent way of access.</p> <p>Grazing is the primary use of the land.</p>

CERTIFICATE OF SURVEY

I Gordon R. Babel, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 16th day of January, 1997, I have dependently resurveyed a portion of the Fort McDowell Indian Reservation Boundary and a portion of the subdivisional lines and executed a metes-and-bounds survey in sections 27 and 28, Township 3 North, Range 7 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.

JUNE 20, 1997

(Date)

Gordon R. Babel

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the Fort McDowell Indian Reservation boundary and a portion of the subdivisional lines and the metes-and-bounds survey in sections 27 and 28, Township 3 North, Range 7 East, Gila and Salt River Meridian, Arizona, executed by Gordon R. Babel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 24 1997

(Date)

Kenny D. Rowntree

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 3 N., R. 7 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~