

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF PORTIONS OF THE SAN RAFAEL DEL VALLE LAND GRANT,

A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 18 AND 19,

AND METES-AND-BOUNDS SURVEYS;

AND INFORMATIVE TRAVERSES OF PORTIONS OF THE SOUTHERN PACIFIC RAILROAD

IN

TOWNSHIP 21 SOUTH, RANGE 22 EAST

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

EXECUTED BY
Paul L. Reeves Cadastral Surveyor

Under Special Instructions dated January 13, 1987, approved January 13, 1987, and Supplemental Special Instructions dated April 18, 1989, approved April 18, 1989, which provided for the surveys included under Group Number 688, and assignment instructions dated April 18, 1989.

Survey Commenced April 18, 1989
Survey Completed July 3, 1989

INDEX DIAGRAM

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Dependent Resurvey of the SRDV land grant
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T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the San Rafael Del Valle Land Grant, a portion of the subdivisional lines, the subdivision of sections 18 and 19, and metes-and-bounds surveys and informative traverses of portions of the Southern Pacific Railroad in Township 21 South, Range 22 East, Gila and Salt River Meridian, Arizona.

The west boundary was surveyed by Philip Contzen in 1901, and the San Rafael Del Valle Land Grant in 1902. Jesse B. Wright surveyed the subdivisional lines in 1909. Paul L. Reeves dependently resurveyed a portion of the east boundary of T. 21 S., R. 21 E., in 1989, executed concurrently under this same group.

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 observations on a U.S. Coast and Geodetic Survey triangulation network, confirmed by altitude observations on the sun, and refer to the true meridian. Distances and angles were measured with a Zeiss Elta 46 total station instrument.

The geographic position of the northwest corner of section 18, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "GOVERNMENT", located in the SE quarter of section 25, Township 20 South, Range 22 East, is as follows:

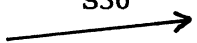
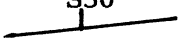
Latitude: $31^{\circ}36'45.499''$ N. Longitude: $110^{\circ}09'18.449''$ W. NAD 27.

The mean magnetic declination as taken from quadrangle map LEWIS SPRINGS, ARIZ., published in 1952 by U.S. Geological Survey, is 12° E.

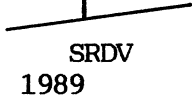

Dependent Resurvey of a Portion of the
San Rafael del Valle Land Grant
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the survey executed by Philip Contzen in 1902.</p> <hr/>
	<p>Beginning at the closing cor. for the line between secs. 25 and 30, Tp. 21 S., Rs. 21 and 22 E., on the N. boundary of the SRDV Land Grant, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd., T21S CC R21E R22E S25 S30 SRDV 1989., as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.</p>
	<p>From this cor. point, the 25 1/2 mile post, bears S. 76°31' W., 11.73 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd. T21S R21E S25 SRDV 25 1/2 M 1989, as described in the 1989 dependent resurvey of a portion of the SRDV Land Grant.</p>
	<p>N. 76°31' E., on mile 26.</p>
28.45	<p>Point for mile post 26, at proportionate dist.; there is no remaining evidence of the original cor.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T21S R22E</p>
	<p style="text-align: center;">S30</p>
	<hr style="width: 10%; margin: auto;"/>
	<p style="text-align: center;">SRDV</p>
	<p style="text-align: center;">26M</p>
	<p style="text-align: center;">1989</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>Raise a mound of stone, 2 ft. base, 1 ft. high, N. of cor.</p>
	<p>Set a steel fence post alongside the cor.</p>
	<p>Cor. is located 114 lks. N. of a fence, bears ENE and WSW; and 115 lks. S. of an old abandoned railroad, bears ENE and WSW.</p> <hr/>
	<p>N. 76°31' E., on mile 27</p>
7.57	<p>Point selected for the witness cor. to the initial point of the SRDV Land Grant.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the
 San Rafael del Valle Land Grant
 T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
10.17	<div data-bbox="828 294 1023 525" style="text-align: center;"> WC T21S R22E S30  SRDV INITIAL PT. 1989 </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>Set a steel fence post alongside the cor.</p> <p>Cor. is located on a narrow ridge bears ENE and WSW, and 55 lks. N. of an old abandoned railroad bears ENE and WSW.</p> <p>Point for the initial point of the SRDV Land Grant, at proportionate dist., there is no remaining evidence of the original cor. The true point falls in a wash, 50 lks. wide, 12 ft. deep, drains ENE; impracticable to monument.</p>
	<p>N. 76°31' E., on mile 1 of the SRDV Land Grant.</p>
9.50	<p>San Pedro River, 150 lks. wide, 12 ft. deep, course northerly.</p>
20.02	<p>Point for a witness point at the intersection of the westerly right-of-way of the Southern Pacific Railroad.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p>
21.55	<div data-bbox="812 1312 990 1512" style="text-align: center;"> WP T21S R22E S30  SRDV 1989 </div> <p>Set a steel fence post alongside the cor.</p> <p>Center line of tracks of Southern Pacific Railroad.</p>
23.075	<p>Point for a witness point at the intersection of the easterly right-of-way of the Southern Pacific Railroad.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 31 ins. in the ground, with cap mkd.</p>

Dependent Resurvey of a Portion of the
San Rafael del Valle Land Grant
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	<div style="text-align: center; margin-bottom: 20px;"> <p>WP T21S R22E S30</p>  <p>SRDV 1989</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>28.12 The witness cor. to the 1/2 mile post of the SRDV Land Grant, monumented with a limestone, 19 x 8 x 6 ins., projecting 4 ins. above ground, mkd. WC on top, 1\2M on E. face, PL on N. face, and SRDV on S. face.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin-bottom: 20px;"> <p>WC T21S R22E S30</p>  <p>SRDV 1/2M 1989</p> </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>Bury the stone alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <p>From this cor. point, the cor. of secs. 19, 20, 29 and 30 bears N. 54°21' E., 15.81 chs. dist., hereinafter described.</p> <p>Cor. is located in an abandoned fence, bears ENE and WSW.</p> <hr/> <p style="text-align: center;">Dependent Resurvey a Portion of the Subdivisional Lines, T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Jesse B. Wright in 1909.</p> <hr/> <p>From the cor. of secs. 19, 20, 29, and 30, monumented with a granite stone, 14 x 12 x 8 ins., mkd. with 5 notches on the E. face and 2 notches on the S. face, with a scattered mound of stone to the E. and to the W. of the cor.</p>
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Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 S., R. 22 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., 19 ins. in the ground, in a supporting mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td>T21S R22E</td><td></td><td></td><td></td></tr> <tr><td>S19</td><td> </td><td>S20</td><td></td></tr> <tr><td colspan="4" style="text-align: center;">—</td></tr> <tr><td>S30</td><td> </td><td>S29</td><td></td></tr> <tr><td colspan="4" style="text-align: center;">1989</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>Bury stone alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <p>S. 89°53' W., bet. secs. 19 and 30.</p> <p>Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.</p>	T21S R22E				S19		S20		—				S30		S29		1989			
T21S R22E																					
S19		S20																			
—																					
S30		S29																			
1989																					
24.79	<p>Point for a witness point at the intersection of the westerly right-of-way of the Southern Pacific Railroad.</p>																				
	<p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td>WP</td><td></td></tr> <tr><td>T21S R22E</td><td></td></tr> <tr><td>S19</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">—</td></tr> <tr><td>S30</td><td></td></tr> <tr><td colspan="2" style="text-align: center;">1989</td></tr> </table> </div>	WP		T21S R22E		S19		—		S30		1989									
WP																					
T21S R22E																					
S19																					
—																					
S30																					
1989																					
	<p>Set a steel fence post alongside the cor.</p>																				
35.30	<p>San Pedro River, 200 lks. wide, 1 ft. deep, course NNE.</p>																				
40.07	<p>The 1/4 sec. cor. of secs. 19 and 30, monumented with a sandstone, 20 x 8 x 6 ins., projecting 5 ins. above ground, mkd. 1/4 on W. face, with a scattered mound of stone to the N.</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>																				

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
37.69	<p style="text-align: center;">T21S R22E S19 1/4 ——— S30 1989</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>Rebuild a mound of stone, 2 ft. base, 1 ft. high, N. of cor.</p> <p>Deposit stone in the mound of stone.</p> <p>Set a steel fence post alongside the cor.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 89°52' W., beginning new measurement.</p> <p>The cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., projecting 4 ins. from the ground, with brass cap mkd., T21S R21S R22E S24 S19 S30 S25 1989, as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.</p>
20.03	<p>From the cor. of secs. 19, 20, 29, and 30.</p> <p>N. 0°05' E., bet. secs. 19 and 20.</p> <p>Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.</p> <p>Point for the S. 1/16 sec. cor. of secs. 19 and 20.</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>
40.06	<p style="text-align: center;">T21S R22E S 1/16 S19 S20 1989</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>Set a steel fence post alongside the cor.</p> <p>The 1/4 sec. cor. of secs. 19 and 20, monumented with a limestone, 13 x 6 x 5 ins., projecting 6 ins. above ground, mkd. 1/4 on W. face, with a mound of stone, 2 ft. base, 1 ft. high, to the W.</p>

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 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., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R22E 1/4 S19 S20 1989</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>Rebuild mound of stone, 2 ft. base, 2 ft. high, W. of cor.</p> <p>Bury stone alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <hr/> <p>N. 0°09' W., beginning new measurement.</p>
19.92	<p>The N. 1/16 sec. cor. of secs. 19 and 20, determined by Thomas F. Lucklow, Registered Land Surveyor 4080, Arizona, monumented with an iron post, 14 ins. long, 1 in. diam., projecting 6 ins. above ground, with aluminum cap marked, LS 4080. This is accepted as a careful and faithful determination of the cor. position.</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> <p style="text-align: center;">T21S R22E N 1/16 S19 S20 1989</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>Raise a mound of stone, 3 ft. base, 1 ft. high, W. of cor.</p> <p>Deposit the local monument inside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 12 lks. S. of a wash, 5 lks. wide, 3 ft. deep, drains ENE.</p> <hr/> <p>N. 0°11' W., beginning new measurement.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 19.93</p>	<p>Point for the cor. of secs. 17, 18, 19, and 20, at proportionate dist., point falls in a gulch, 15 lks. wide, 12 ft. deep, drains S 50°W., impracticable to monument.</p> <p>From this cor. point, the witness cor. to the cor. of secs. 17, 18, 19 and 20, bears N. 0°19' W., 0.30 chs. dist., hereinafter described.</p>
<p>11.50</p>	<p>N. 89°53' W., bet. secs. 18 and 19</p> <p>Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.</p> <p>Point for a witness point.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 12 ins. in the ground, and in a supporting mound of stone, 4 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">WP T21S R22E S18 ----- S19 1989</p>
<p>33.93</p>	<p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 250 lks. S. of a wash, 50 lks. wide, 12 ft. deep, drains WSW.</p> <p>Point for a witness point.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 29 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">WP T21S R22E S18 ----- S19 1989</p>
<p>37.08</p>	<p>Set a steel fence post alongside the cor.</p> <p>Point for a witness point at the intersection of the easterly right-of-way of the Southern Pacific Railroad.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p>

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">WP T21S R22E S18 + S19 1989</p>
	<p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 12 lks. E. of a fence, bears SSE and NNW.</p>
38.76	<p>Point for the center line of tracks of Southern Pacific Railroad, bears SSE and NNW on a curve, not monumented.</p>
40.24	<p>Point for the 1/4 sec. cor. of secs. 18 and 19, at proportionate dist.; there is no remaining evidence of the original cor.</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>
	<p style="text-align: center;">T21S R22E S18 1/4 ——— S19 1989</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>Raise a mound of stone, 2 1/2 ft. base, 1 ft. high, N. of cor.</p> <p>Set a steel fence post alongside the cor.</p>
	<p>From this cor. point, a rebar, 1/4 in. diam., projecting 6 ins. above the ground, bears N. 30°27' W., 0.28 chs. dist. This cor. was set by J. A. Wilcox, Registered Mining Engineer, Arizona, in 1959, using improper procedures and is not used in the course of this resurvey.</p>
	<p>From this same cor. point, a benchmark bears N. 17°40' W., 5.34 chs. dist.; monumented with a brass tablet, 3 1/2 ins. diam., set flush in a boulder 4 x 5 x 2 ft. high, with cap marked, US COAST AND GEODETIC SURVEY C17 1934, and an E. and W. line.</p>
50.20	<p>Cor. is located 90 lks. S. of a wash, 30 lks. wide, 2 ft. deep, drains WSW; and 68 lks. E. of old abandoned railroad, bears SSE and NNW.</p> <p>San Pedro River, 200 lks. wide, 2 ft. deep, course NNW.</p>

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 77.71</p>	<p>The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., monumented with an stainless steel post, 2 1/2 ins. diam., projecting 6 ins. from the ground, with brass cap mkd., T21S R21E R22E S18 S13 S24 S19 1989, as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.</p>																		
<p>0.30</p>	<p>From the true point for the cor. of secs. 17, 18, 19, and 20.</p> <p>N. 0°19' W., bet. secs. 17 and 18.</p> <p>The witness cor. to the cor. of secs. 17, 18, 19, and 20, monumented with a granite stone, 10 x 10 x 9 ins., mkd. with WC on NE, 3 grooves on the S. face and 5 grooves on the E. face, from which the original bearing tree</p> <p style="padding-left: 40px;">A mesquite, 6 ins. diam., bears S. 52 1/4° W., 21 lks. dist., mkd. with illegible scribe marks through partially healed blaze. (Record: S. 54° W.)</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, and in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td></td><td>WC</td><td></td></tr> <tr><td></td><td>T21S R22E</td><td></td></tr> <tr><td></td><td>S18 S17</td><td></td></tr> <tr><td></td><td>—+—</td><td></td></tr> <tr><td></td><td>S19 S20</td><td></td></tr> <tr><td></td><td>1989</td><td></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>Bury stone alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <p>N. 0°19' W., bet. secs. 17 and 18.</p>		WC			T21S R22E			S18 S17			—+—			S19 S20			1989	
	WC																		
	T21S R22E																		
	S18 S17																		
	—+—																		
	S19 S20																		
	1989																		
<p>39.64</p>	<p>The 1/4 sec. cor. of secs. 17 and 18, monumented with a quartzite stone, 11 x 11 x 10 ins., projecting 9 ins. above ground, and in a mound of stone 2 ft. base, 1 ft. high, mkd. 1/4 on W. face, with a mound of stone, 2 ft. base, 1 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., 10 ins. in the ground, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.</p>																		

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T21S R22E 1/4 S18 S17 1989
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. Deposit the stone in the supporting mound of stone. Set a steel fence post alongside the cor.
	<hr/> N. 0°22' W., beginning new measurement.
27.50	Wash, 50 lks. wide, 5 ft. deep, drains westerly.
40.51	The cor. of secs. 7, 8, 17, and 18, monumented with a granite stone, 11 x 8 x 8 ins., mkd. with 4 grooves on the S. face and 5 grooves on the E. face, with a mound of stone 2 1/2 ft. base, 1/2 ft. high, to the W. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.
	T21S R22E S7 S8 <hr/> S18 S17 1989
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. Deposit the stone in the mound of stone. Set a steel fence post along side the cor.
	<hr/> S. 89°45' W., bet. secs. 7 and 18.
	Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.
5.10	A trail road, bears NE and SW.
15.80	Wash, 40 lks. wide, 5 ft. deep, drains southerly.
20.10	Point for the E. 1/16 sec. cor. of secs. 7 and 18.

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R22E S7 E 1/16 ——— S18 1989</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>Set a steel fence post alongside the cor.</p> <p>Cor. is located 50 lks. N. of a fence, bears E. and W.</p>
40.20	<p>Point for the 1/4 sec. cor. of secs. 7 and 18, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, and in a supporting mound of earth and stone, 8 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T21S R22E S7 1/4 ——— S18 1989</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>Set a steel fence post alongside the cor.</p> <p>Cor. is located on the W. bank of a wash, 25 lks. wide, 10 ft. deep, drains SW; and 320 lks., WNW, from a cor. of fences extending E. and S.</p>
42.00	<p>Wash, 100 lks. wide, 8 ft. deep, drains southwesterly.</p>
60.30	<p>Point for the W. 1/16 sec. cor. of secs. 7 and 18.</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> <p style="text-align: center;">T21S R22E S7 W 1/16 ——— S18 1989</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>

BOOK 5432

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post alongside the cor.
62.30	Gulch, drains southwesterly.
67.715	Point for a witness point.
	<p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 32 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">WP T21S R22E S7 ----- S18 1989</p>
	Set a steel fence post alongside the cor.
74.985	Point for a witness point.
	<p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">WP T21S R22E S7 ----- S18 1989</p>
	Set a steel fence post alongside the cor.
77.31	<p>The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., projecting 6 ins. from the ground, with brass cap mkd., T21S R21E R22E S7 S12 S18 S13 1989, as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.</p> <p>From this cor. point, U.S.C. & G.S. triangulation station "GOVERNMENT 1938", bears N. 64°11'41 E. (forward bearing), 580.060 chs. dist., monumented with a brass tablet, 3 ins. diam., set in a rock outcrop, with top mkd. GOVERNMENT 1938, and a triangle in the center. Both reference monuments are in and in good order.</p> <hr/> <p style="text-align: center;">Subdivision of Section 18, T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 18 and 19.</p> <p>N. 0°19' W., on the N. and S. center line of sec. 18.</p>

BOOK 5432

Subdivision of Section 18,
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
9.13	A rebar, 1/4 in. diam., projecting 6 ins. above the ground and in a mound of stone 2 ft. base, 1 ft. high, bears West, 0.11 chs. dist. This rebar was set by J. A. Wilcox, Registered Mining Engineer, Arizona, in 1959, and is not used in the course of this resurvey.
20.255	An iron post 1 in. diam., loosely set, projecting 24 ins. above the ground and in a mound of stone 2 ft. base, 1 ft. high, with brass cap, 1 1/2 ins. diam., marked 1/16 ESCAPULE J A WILCOX 1959, and two lines meeting in the middle from the S. and W., bears West, .055 chs. dist. This rebar was set by J. A. Wilcox, Registered Mining Engineer, Arizona, in 1959, using improper procedures and is not used in the course of this resurvey.
39.96	<p>Point for the center 1/4 sec. cor. of sec. 18, at intersection with the E. and W. center line of sec. 18.</p> <p>Set an aluminum post, cut to 8 ins. long, 3/4 in. diam., 3 ins. in a drill hole, in a granite boulder, 4 x 2 1/2 x 1 1/2 ft. high, cemented in place, with magnetized aluminum cap mkd.</p> <p style="text-align: center;">T21S R22E C 1/4 S18 1989</p> <p>Set a steel fence post alongside the cor.</p>
58.80	Fence, bears E. and W.
60.075	<p>Point for the center N. 1/16 sec. cor. of secs. 18.</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> <p style="text-align: center;">T21S R22E C N 1/16 S18 C 1989</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>Set a steel fence post alongside the cor.</p>
60.90	Old abandoned fence bears E. and W.
66.00	Wash, 150 lks. wide, 5 ft. deep, drains westerly.
70.07	Point for a witness point.

BOOK 5432

Subdivision of Section 18

T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set an aluminum post, 36 ins. long, 3/4 in. diam., 26 ins. in the ground, with cap mkd.
	<p style="text-align: center;">WP T21S R22E S18 C C 1989</p>
80.19	<p>Set a steel fence post alongside the cor.</p> <p>The 1/4 sec. cor. of secs. 7 and 18.</p>
40.23	<p>From the 1/4 sec. cor. of secs. 17 and 18.</p> <p>N. 89°51.5' W., on the E. and W. center line of sec. 18.</p> <p>Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.</p>
60.34	<p>The center 1/4 sec. cor. of sec. 18.</p>
	<p>Point for the center W. 1/16 sec. cor. of sec. 18.</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>
	<p style="text-align: center;">T21S R22E W 1/16 C—C S18 1989</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>Set a steel fence post alongside the cor.</p> <p>Cor. is located 1 lk. E. of a railroad right-of-way fence, bears SE and NW.</p>
77.52	<p>The 1/4 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., monumented with an stainless steel post, 2 1/2 ins. diam., projecting 2 ins. from the ground, with brass cap mkd., T21S 1/4 R21E R22E S18 S13 1989, as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.</p>

BOOK 5432

Subdivision of Section 18

T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>NW 1/4 of Section 18</p> <hr/>
	<p>From the center W. 1/16 sec. cor. of sec. 18.</p> <p>N. 0°17.5' W., on the N. and S. center line of the NW 1/4 of sec. 18.</p>
18.20	Steep descent.
20.05	<p>Point for the NW 1/16 sec. cor. of sec. 18, at the intersection with the E. and W. center line of the NW 1/4, sec. 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, over a steel fence post, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T21S R22E NW 1/16 S18 1989</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on the N. edge of a wash, 50 lks. wide, 10 ft. deep, drains WSW.</p>
40.10	<p>The W. 1/16 sec. cor. of secs. 7 and 18.</p> <hr/> <p>From the center N 1/16 sec. cor. of sec. 18.</p> <p>S. 89°57.5' W., on the E. and W. center line of the NW 1/4 of sec. 18.</p>
3.00	Fence, bears N. and S.
20.105	The NW 1/16 sec. cor. of sec. 18.
37.20	<p>The N. 1/16 sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., monumented with an stainless steel post, 2 1/2 ins. diam., projecting 6 ins. from the ground, with brass cap mkd., T21S N1/16 R22E R21E S13 S18 1989, as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.</p> <hr/> <p style="text-align: center;">Subdivision of Section 19, T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 19 and 30.</p>

BOOK 5432

Subdivison of Section 19,
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>N. 0°10.5' W., on the N. and S. center line of sec. 19.</p> <p>Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.</p>
40.11	<p>Point for the center 1/4 sec. cor. of sec. 19, at intersection with the E. and W. center line of sec. 19.</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> <p style="text-align: center;">T21S R22E C 1/4 S19 1989</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>An iron post, 18 ins. long, 3/4 in. diam., was found lying loose, original position undeterminable, with brass cap mkd., INT 1/4 SEC 19 J A WILCOX 1959 and a cross in the middle, bury alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p>
40.20	<p>Fence, bears E. and W.</p>
60.10	<p>Point for the center N. 1/16 sec. cor. of sec. 19.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R22E C N 1/16 S19 C 1989</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>Set a steel fence post alongside the cor.</p> <p>From this cor. point, a rebar, 3/4 in. diam., projecting 1 in. above the ground, of unknown origin and date, bears N. 46°53' W., 0.24 chs. dist. This is not used in the course of this resurvey.</p> <p>Cor. is located 3 lks. inside of a portable horse corral, and S. 47° E., 24 lks., from a fence cor. fences extend N. and W.</p>

BOOK 5432

Subdivision of Section 19

T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

<p>CHAINS 79.66</p>	<p>Point for a witness point at the intersection of the westerly right-of-way of the Southern Pacific Railroad.</p> <p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p> <div style="text-align: center;"> <p>WP T21S R22E C S19 C 1989</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located in a fence, bears SSE and NNW.</p>
<p>80.09</p>	<p>The 1/4 sec. cor. of secs. 18 and 19.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 19 and 20.</p> <p>S. 89°56' W., on the E. and W. center line of sec. 19.</p> <p>Over gently rolling land through dense white thorn, black brush, catclaw, scattered mesquite, creosote and cacti.</p>
<p>36.27</p>	<p>Point for center line of tracks of Southern Pacific Railroad, not monumented.</p>
<p>37.79</p>	<p>Point for a witness point at the intersection of the westerly right-of-way of the Southern Pacific Railroad.</p> <p>Set an aluminum post, 72 ins. long, 3/4 in. diam., 67 ins. in the ground, with cap mkd.</p> <div style="text-align: center;"> <p>WP T21S R22E S19 C C 1989</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 20 lks. W. of San Pedro River in a flood plain, course NNW.</p>
<p>40.24</p>	<p>The center 1/4 sec. cor. of sec. 19.</p>
<p>40.50</p>	<p>Base of steep rocky hillside.</p>

Subdivision of Section 19
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
64.93	A rebar, 1/2 in. diam., projecting 1 in. above the ground, with a yellow plastic cap attached and marked LS 9086, bears North, 0.04 chs. dist. This rebar was set by Gorden W. Ray, Registered Land Surveyor 9086, Arizona, of unknown date, and is not used in the course of this resurvey.
77.80	The 1/4 sec. cor. of secs. 19 and 24 , on the W. bdy., of the Tp., monumented with an stainless steel post, 2 1/2 ins. diam., projecting 5 ins. from the ground, with brass cap mkd., T21S R21S R22E 1/4 S19 S24 1989, as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E.
NE 1/4 of Section 19	

	From the N. 1/16 sec. cor. of secs. 19 and 20. N. 89°58.5' W., on the E. and W. center line of the NE 1/4 of sec. 19.
11.83	Point for a witness point. Set an aluminum post, 36 ins. long, 3/4 in. diam., 33 ins. in the ground, with cap mkd. <div style="text-align: center;"> WP T21S R22E S19 N ——— N 1989 </div>
13.99	Set a steel fence post alongside the cor. Point for a witness point. Set an aluminum post, 36 ins. long, 3/4 in. diam., 25 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with cap mkd. <div style="text-align: center;"> WP T21S R22E S19 N ——— N 1989 </div>
21.97	Cor. is located on a ridge top, bears NE and SW. Point for a witness point.

BOOK 5432

Subdivision of Section 19

T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 25 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">WP T21S R22E S19 N ——— N 1989</p>
33.98	<p>Set a steel fence post alongside the cor.</p> <p>Point for a witness point at the intersection of the easterly right-of-way of the Southern Pacific Railroad.</p>
	<p>Set an aluminum post, 36 ins. long, 3/4 in. diam., 30 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">WP T21S R22E S19 N ——— N 1989</p>
35.495	<p>Cor. is located 4 lks. E. of a fence bears NNE and SSW.</p>
37.01	<p>Point for the center line of tracks of Southern Pacific Railroad, not monumented.</p>
39.50	<p>Point for a witness point at the intersection of the westerly right-of-way of the Southern Pacific Railroad, falls in the San Pedro River, not monumented.</p>
40.25	<p>San Pedro River, 150 lks. wide, 3 ft. deep, course N.</p>
	<p>The center N. 1/16 sec. cor. of sec. 19.</p>
<p>Metes-and-Bounds Survey of a Portion of the Westerly Right-of-Way of the Southern Pacific Railroad T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona</p>	
<p>In Sec. 30</p>	
<p>From the witness point on the N. Bdy. of the San Rafael Del Valle Land Grant, hereinbefore described.</p> <p>From this cor. point, the witness cor. to the 1/2 mile post on the N. Bdy. of the SRDV Land Grant, bears N. 76°31' E., 8.10 chs. dist., hereinbefore described.</p>	

BOOK 5432

Metes-and-Bounds Survey of a Portion of
the Westerly right-of-way of the Southern Pacific Railroad,
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Thence northwesterly along the arc of a spiral curve to the right, having a spiral angle of $3^{\circ}48'54''$, a dist. of 4.34 chs. along the westerly right-of-way of the Southern Pacific Railroad, the chord bears N. $20^{\circ}02'12''$ W., 4.333 chs. dist.</p>
4.34	<p>Point for an angle point at the end of spiral curve.</p>
	<p>Set an aluminum post, 36 ins. long, $3/4$ in. diam., 28 ins. in the ground, with cap mkd.</p>
	<p style="text-align: center;">T21S R22E AP S30 1989</p>
	<p>Set a steel fence post alongside the cor.</p> <hr style="width: 30%; margin: 0 auto;"/>
	<p>N. $20^{\circ}02'42''$ W., along the westerly right-of-way of the Southern Pacific Railroad.</p>
7.465	<p>The witness point at the intersection of secs. 19 and 30, hereinbefore described.</p>
	<p>From this cor. point, the $1/4$ sec. cor. of secs. 19 and 30, bears S. $89^{\circ}53'$ W., 15.28 chs. dist., hereinbefore described.</p> <hr style="width: 30%; margin: 0 auto;"/>
	<p style="text-align: center;">In Sec. 19</p> <hr style="width: 30%; margin: 0 auto;"/>
	<p>N. $20^{\circ}02'42''$ W., along the westerly right-of-way of the Southern Pacific Railroad.</p>
27.975	<p>Point for an angle point and beginning of spiral curve.</p>
	<p>Set an aluminum post, 36 ins. long, $3/4$ in. diam., 29 ins. in the ground, with cap mkd.</p>
	<p style="text-align: center;">T21S R22E AP S19 1989</p>
	<p>Set a steel fence post alongside the cor.</p>
	<p>Cor. is located 1.5 lks. E. of a fence, bears SSE and NNW.</p> <hr style="width: 30%; margin: 0 auto;"/>

Metes-and-Bounds Survey of a Portion of
the Westerly Right-of-Way of the Southern Pacific Railroad,
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
4.702	<p>Thence northwesterly along the arc of a spiral curve to the right, having a spiral angle of 3°04'48"; a dist. of 4.702 chs. on the westerly right-of-way of the Southern Pacific Railroad, the chord bears N. 19°05' W., 4.701 chs. dist.</p> <p>Point for an angle point at the end of spiral curve.</p> <p>Set an aluminum post, cut to 27 ins. long, 3/4 in. diam., 4 ins. in the ground, in a supporting mound of stone, 3 ft. base, to top, with cap mkd.</p> <div style="text-align: center;"> <p>T21S R22E AP S19 1989</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located 2.5 lks. E. of a fence, bears SSE and NNW.</p> <hr/>
9.543	<p>Thence along a 1°54'38" circular curve to the right, having a radius of 2998.90 ft., a dist. of 9.543 chs. on the westerly right-of-way of the Southern Pacific Railroad, the chord bears N. 10°55' W., 9.526 chs. dist.</p> <p>The witness point at the intersection with the E. and W. center line of sec. 19, hereinbefore described.</p> <p>From this cor. point, the center 1/4 sec. cor. of sec. 19, bears S. 89°56' W., 2.45 chs. dist., hereinbefore described.</p> <hr/>
2.728	<p>From the witness point at the intersection of the E. and W. center line of the NE 1/4 of sec. 19 and the westerly right-of-way of the Southern Pacific Railroad, hereinbefore described.</p> <p>From this cor. point, the center N 1/16 sec. cor. of sec. 19, bears N. 89°58.5' W., 3.24 chs. dist., hereinbefore described.</p> <p>Thence northeasterly along the arc of a spiral curve to the left, having a spiral angle of 2°55'24", a dist. of 2.728 along the westerly right-of-way of the Southern Pacific Railroad the chord bears N. 1°57'09" E., 2.727 chs. dist.</p> <p>Point for an angle point at the end of spiral curve falls in the San Pedro River, not monumented.</p> <hr/>

Metes-and-Bounds Survey of a Portion of
 the Westerly Right-of-Way of the Southern Pacific Railroad,
 T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Thence along an 2°03'41" circular curve to the left, having a radius of 2,779.50 ft. dist., a dist. of 17.294 chs. on the westerly right-of-way of the Southern Pacific Railroad, the chord bears N. 11°22'30" W., 17.173 chs. dist.</p>
17.294	<p>The witness point at the intersection of the N. and S. center line of sec.19, hereinbefore described.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 18 and 19, bears N. 0°10.5' W., 43 lks. dist., hereinbefore described.</p> <p>From the witness point on the E. and W. center line of the NE 1/4 of sec. 19, and the easterly right-of-way of the Southern Pacific Railroad, hereinbefore described.</p> <p>From this cor. point, the center N 1/16 sec. cor. of sec. 19, bears N. 89°58.5' W., 6.27 chs. dist., hereinbefore described.</p> <p>Thence northeasterly along the arc of a spiral curve to the left, having a spiral angle of 3°18'57", a dist of 2.862 chs. on the easterly right-of-way of the Southern Pacific Railroad the chord, bears N. 1°42'15" E., 2.861 chs. dist.</p>
2.862	<p>Point for an angle point at the end of spiral curve.</p> <p>Set an aluminum post, cut to 27 ins. long, 3/4 in. diam., 6 ins. in the ground, in a supporting mound of stone, 3 ft. base, to top, with cap mkd.</p> <div style="text-align: center;"> <p>T21S R22E AP S19 1989</p> </div> <p>Cor. is located 2 lks. E. of a fence, bears N. and S.</p>
17.535	<p>Thence along a 1°55'23" circular curve to the left, having a radius of 2,979.50 ft. , a dist. of 17.535 on the easterly right-of-way of the Southern Pacific Railroad, the chord bears N. 10°45'40" W., 17.425 chs. dist.</p> <p>The witness point at the intersection of secs. 18 and 19, hereinbefore described.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 18 and 19, bears N. 89°53' W., 3.16 chs. dist., hereinbefore described.</p>

Metes-and-Bounds Survey of a Portion of
the Easterly Right-of-Way of the Southern Pacific Railroad,
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>The following notes for informational purposes only, are those of a traverse of the center line of the Southern Pacific Railroad in sec. 19.</p> <hr/>
	<p>From the intersection of the center of the Southern Pacific Railroad and the E. and W. center line of sec. 19, hereinbefore described.</p>
	<p>Thence along a 1°59'46" circular curve to the right, having a radius of 2870.47 ft., a dist. of 4.064 chs. on the center of the Southern Pacific Railroad, the chord bears N. 2°18' W., 4.063 chs. dist.</p> <hr/>
	<p>Thence northwesterly along the arc of a spiral curve to the right, having a spiral angle of 3°07'32"; a length of 4.697 chs. dist., the chord, bears N. 2°31'41" E., 4.696 chs. dist.</p> <hr/>
	<p>Thence N. 3°27'08" E.</p>
9.51	<p>Point at the beginning of spiral curve.</p> <hr/>
	<p>Thence northeasterly along the arc of a spiral curve to the left, having a spiral angle of 3°07'32", a dist. of 1.732 chs. on the center of the Southern Pacific Railroad, chord bears N. 3°27'06" E., 1.732 chs. dist.</p>
1.732	<p>The intersection of the E. and W. center line of the NE 1/4 sec. 19 and the center of the Southern Pacific Railroad, hereinbefore described.</p> <hr/>
	<p style="text-align: center;">Informative Traverse of a Portion of the Center of Southern Pacific Railroad, in section 18, T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>The following notes for informational purposes only, are those of a traverse of the center of the Southern Pacific Railroad in sec. 18.</p> <hr/>
	<p>From the intersection of the line of secs. 18 and 19 and the center of the Southern Pacific Railroad, hereinbefore described.</p>
	<p>Thence along a 1°59'23" circular curve to the left, having a radius of 2,879.60 ft. dist., on the center of the Southern Pacific Railroad, the chord bears N. 26°12'06" W., 0.51 chs. dist.</p>

BOOK 5432

Informative Traverse of a Portion of the Center of
the Southern Pacific Railroad, in Section 18,
T. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Thence northwesterly along the arc of a spiral curve to the left, having a spiral angle of $3^{\circ}07'32''$, a dist. of 4.704 chs., the chord bears N. $25^{\circ}41' W.$, 4.704 chs. dist.</p> <hr/>
	<p>Thence N. $26^{\circ}46'42'' W.$, on the center of the Southern Pacific Railroad.</p>
29.19	<p>Point at the beginning of spiral curve.</p> <hr/>
	<p>Thence northwesterly along the arc of a spiral curve to the left, having a spiral angle of $1^{\circ}48'35''$, a dist. of 3.636 along the center of the Southern Pacific Railroad, the chord bears N. $27^{\circ}22'48'' W.$, 3.636 chs. dist.</p>
3.636	<p>Point at the end of spiral curve.</p> <hr/>
	<p>Thence along a $1^{\circ}32'40''$ circular curve to the left, having a radius of 3,709.31 ft., a dist. of 23.381 on the center of the Southern Pacific Railroad, the chord bears N. $40^{\circ}08'24'' W.$, 23.213 chs. dist.</p>
23.381	<p>Point at the beginning of spiral curve.</p> <hr/>
	<p>Thence northwesterly along the arc of a spiral curve to the left, having a spiral angle of $1^{\circ}48'35''$, a dist. 3.636 on the center of the Southern Pacific Railroad, the chord bears N. $53^{\circ}37'36'' W.$, 3.636 chs. dist.</p>
3.636	<p>Point at the end of spiral curve.</p> <hr/>
	<p>Thence N. $54^{\circ}14'21'' W.$, on the center of the Southern Pacific Railroad.</p>
4.95	<p>Intersect the line bet. secs. 13 and 18, T 21 S., Rs. 21 and 22 E.</p> <p>From this cor. point, the N. 1/16 sec. of secs. 13 and 18, T. 21 S., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd., T21S N 1/16 R21E R22E S13 S18 1989., as described in the 1989 dependent resurvey of the E. Bdy., T. 21 S., R. 21 E., bears N. $0^{\circ}03' W.$, 3.29 chs. dist.</p> <hr/>

BOOK 5432

GENERAL DESCRIPTION

CHAINS	GENERAL DESCRIPTION
	<p>The land encompassed in this survey is located about 6 miles NE of Sierra Vista, Arizona. The mean elevation ranges from about 4,100 ft. to 4,400 ft. above sea level.</p> <p>The land is rolling, covered with dense white thorn, mesquite, catclaw, black brush, creosote, with cotton wood trees in every stage of growth in the river bottom. All washes drain southwesterly into the San Pedro River.</p> <p>Access is by way of Charleston Road, a paved county highway; Escapule a graded gravel road and numerous track roads. The Southern Pacific Railroad runs through the center of sec. 19 and the SW 1/4 of sec. 18 in a SSE and NNW direction.</p>

CERTIFICATE OF SURVEY

I, Paul L. Reeves, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 13th day of January, 1987, I have dependently resurveyed portions of the San Rafael Del Valle Land Grant, a portion of the subdivisional lines, subdivided sections 18 and 19, and performed metes-and-bounds surveys and informative traverses of portions of the Southern Pacific Railroad in Township 21 South, Range 22 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.

Paul L. Reeves is no longer assigned to this office and is unavailable for signature.

3/2/95
(Date)

Rich C. Wilson
(Field Supervisor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the San Rafael Del Valle Land Grant, a portion of the subdivisional lines, and the subdivisions of sections 18 and 19, metes-and-bounds surveys and informative traverses of portions of the Southern Pacific Railroad in Township 21 South, Range 22 East, Gila and Salt River Meridian, executed by Paul L. Reeves, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

FEB 28 1995
(Date)

Jenny H. Tallent
(Acting 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. 21 S., R. 22 E., Gila and Salt River Meridian, Arizona is a true copy of the original field notes.~~

~~(Date)~~

~~(Acting Chief Cadastral Surveyor of Arizona)~~