

~~BOOK 5-167~~

R5166

BOOK 5166

FIELD NOTES

01

OF THE

RETRACEMENT OF THE ARIZONA-NEW MEXICO STATE LINE

BETWEEN MILE CORNERS 163 AND 168,

THE DEPENDENT RESURVEY OF THE WEST BOUNDARY,

A PORTION OF THE NORTH BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

WITH THE SURVEY OF SUBDIVISIONS IN SECTION 30,

FRACTIONAL TOWNSHIP 14 NORTH, RANGE 31 EAST,

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

HARRY K. SMITH

CADASTRAL SURVEYOR

Under special instructions dated OCTOBER 3, 19 79, approved OCT. 4, 1979,

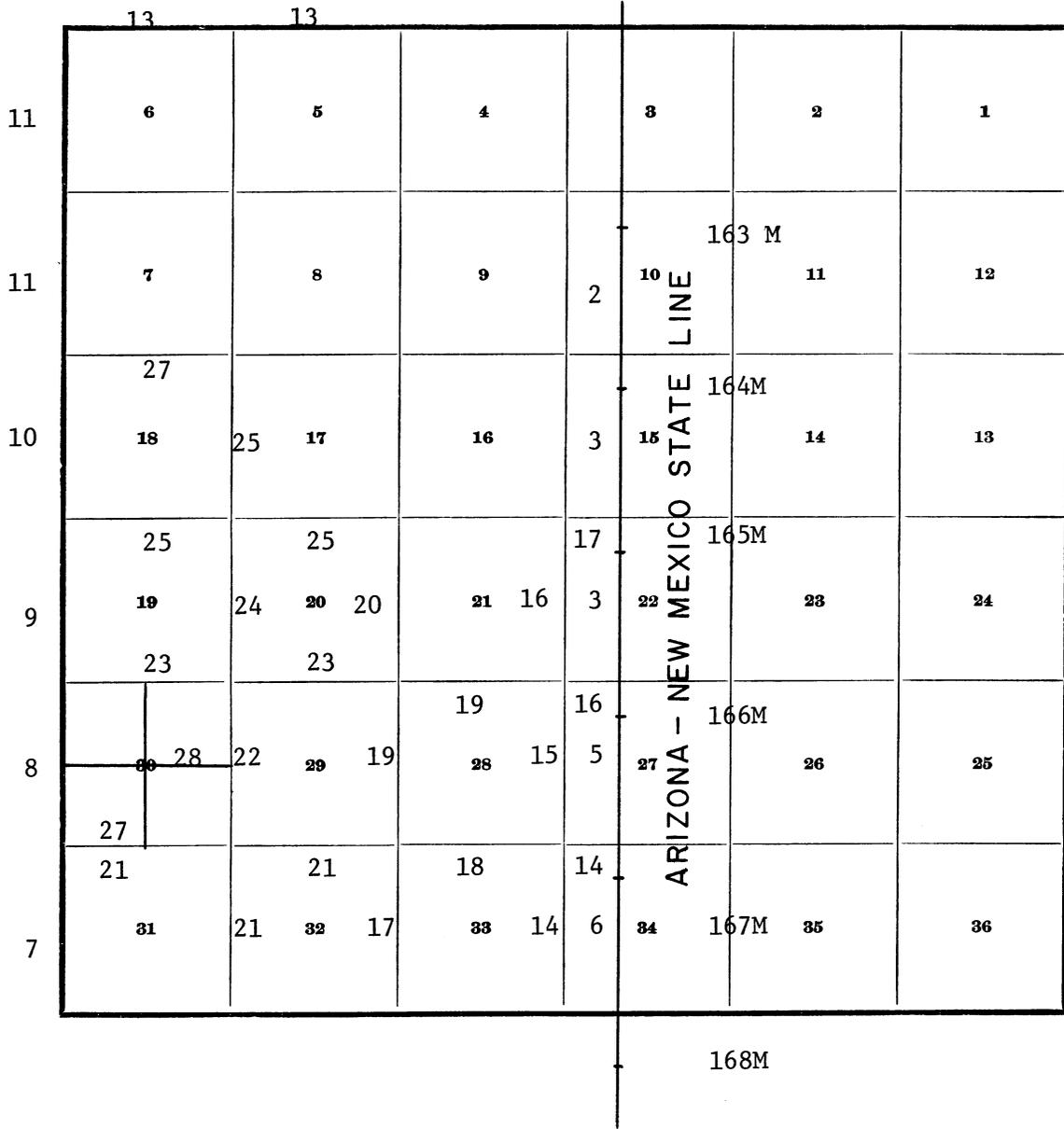
_____, which provided for the surveys included under ~~U.S. Survey~~/Group
Number 615, and assignment instructions dated OCTOBER 5, 19 79

Survey commenced OCTOBER 9, 19 79

Survey completed NOVEMBER 28, 19 79

INDEX DIAGRAM

Township 14 North, Range 31 East,



Dependent Resurvey of
Frac. T. 14 N., R. 31 E., Gila & Salt River Mer., Arizona

CHAINS

The history of surveys of Fractional Township 14 North, Range 31 East, Gila and Salt River Meridian, Arizona, is as follows:

The east boundary (Arizona-New Mexico State Line) was surveyed by Chandler Robbins, U.S. Astronomer and Surveyor in 1875 and retraced in 1882 by Milton Santee, Deputy Surveyor. In 1912, Harvey G. Bardsley, U.S. Surveyor, resurveyed between mile corners 163 and 166. Loyd E. Toland, Public Land Surveyor, and Sam Bradley, U.S. Transitman, resurveyed the state line between mile corners 165 and 168 in 1936.

The south, west and north boundaries and the subdivisional lines of the township were surveyed by Milton Santee, Deputy Surveyor, in 1882.

The south boundary was resurveyed by Paul G. Bauer and Kenneth D. Herman, Cadastral Surveyors, and Robert F. Johnson, Surveying Technician, in 1966.

The following field notes describe the retracement of the Arizona-New Mexico State Line between mile corners 163 and 168, the dependent resurvey of the west boundary, a portion of the north boundary, a portion of the subdivisional lines and the survey of subdivisions in section 30, Fractional Township 14 North, Range 31 East, of the Gila and Salt River Meridian, Arizona.

The resurvey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 615, Arizona, dated October 3, 1979.

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

The directions of lines were determined from triangulation station HINKSON and refer to the true meridian. Distances were measured electronically with a Zeiss SM-4 and a Hewlett Packard 3805.

The geographic position of the southeast corner of the township, as determined by a tie to the U.S. Coast and Geodetic triangulation station "HINKSON" is as follows:

Latitude $34^{\circ}32'36.95''$ N. Longitude $109^{\circ}02'35.20''$ W.

The mean magnetic declination is 13° E.

Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

(Retracing the 1912 resurvey by Harvey G. Bardsley)

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Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

CHAINS		
	<p>Beginning at mile cor. 163 on the Arizona-New Mexico State Line, monumented with an iron post, 3 ins. diam., projecting 8 ins. above ground, with brass cap mkd. as described in the official record of the 1912 resurvey, from which the remaining bearing trees mkd. in 1912.</p> <p>A juniper, 10 ins. diam., bears S. $87\frac{1}{2}^{\circ}$ E., 82 lks. dist., mkd. MC 163 NM.</p> <p>A juniper, 14 ins. diam., bears S. $51\frac{3}{4}^{\circ}$ E., 95 lks. dist., mkd. MC 163 NM. (Record bearing N. $51\frac{3}{4}^{\circ}$ E.)</p> <p>A juniper, 10 ins. diam., bears S. $81\frac{1}{2}^{\circ}$ W., 46 lks. dist., mkd. 163 ARIZ.</p> <p>The cor. is in a N-S fence.</p> <p>S. $0^{\circ}09'$ E., on the 164th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land, through scattering timber.</p> <p>Along a N-S fence.</p>	
8.237	<p>The closing cor. of secs. 22 and 27, Frac. T. 5 N., R. 21 W., New Mexico Principal Mer., New Mexico, monumented with an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap mkd. as described in the official record of the 1912 survey, from which the bearing trees mkd. in 1912.</p> <p>A juniper, 24 ins. diam., bears N. $26^{\circ}22'$ E., 195 lks. dist., mkd. CC T5N R21W S22 BT.</p> <p>A juniper, 10 ins. diam., bears S. $59^{\circ}22'$ E., 36 lks. dist., mkd. CC T5N R21W S27 BT.</p> <p>The cor. is in a N-S fence.</p>	
64.58	<p>Point for the closing cor. of secs. 10 and 15, Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona, hereinafter described.</p>	
79.57	<p>The 164 mile cor. on the Arizona-New Mexico State Line, monumented with a mound of stone, 4 ft. base, 6 ins. high, with a sandstone, 32 x 17 x 8 ins. lying on the ground alongside, mkd. on different sides AZ, NM 164, 32 WL.</p> <p>At the center of the mound</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">164M ARIZ N MEX 1979</p> <p>from which</p> <p>A juniper, 8 ins. diam., bears S. 73° E., 108.5 lks. dist., mkd. 164M N MEX BT.</p> <p>A juniper, 10 ins. diam., bears S. $16\frac{1}{2}^{\circ}$ W., 82 lks. dist., mkd. X BT at the base.</p>	

Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

CHAINS	
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W of the cor.</p>
	<p>Deposit the mkd. stone in the mound W of the cor.</p>
	<p>The cor. is in a N-S fence.</p>
	<p>From this point U.S. Coast and Geodetic triangulation station "HINKSON 1936," bears N. 5°32'00" W., 521.58 chs. dist., monumented with a standard brass tablet, 3 ins. diam., set in a concrete base, projecting 6 ins. above ground. Geodetic Latitude is 34°41'35.91717" N. and Longitude is 109°03'14.26073" W.</p>
	<p>S. 0°03' E., on the 165th mile of the Arizona-New Mexico State Line.</p>
	<p>Over broken land, through scattering timber.</p>
	<p>Along a N-S fence.</p>
8.52	<p>The closing cor. of secs. 27 and 34, Frac. T. 5 N., R. 21 W., New Mexico Principal Mer., New Mexico, bears East, 1.2 lks. dist., monumented with an iron post, 2 ins. diam., projecting 11 ins. above ground, with brass cap mkd. as described in the official record of the 1912 survey, from which the bearing trees mkd. in 1912.</p>
	<p>A juniper, 22 ins. diam., bears N. 33 1/4° E., 183 lks. dist., mkd. CC T5N R21W S27 BT. (Record dist. 182 lks.)</p>
	<p>A juniper, 15 ins. diam., bears S. 31°22' E., 101 lks. dist., mkd. CC T5N with other illegible scribe marks visible through a partially healed blaze. (Record dist. 99 lks.)</p>
	<p>The cor. is in a N-S fence.</p>
61.54	<p>Point for the closing cor. of secs. 15 and 22, Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona, hereinafter described.</p>
79.86	<p>The 165 mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 2 ins. diam., projecting 14 ins. above ground, with brass cap mkd. as described in the official record of the 1936 resurvey.</p>
	<p>The cor. is in a N-S fence.</p>
	<p>(Retracing the 1936 resurvey by Lloyd E. Toland and Sam Bradley)</p>
	<p>S. 0°01' E., on the 166th mile of the Arizona-New Mexico State Line.</p>
	<p>Over open gently rolling grassland.</p>
	<p>Along a N-S fence.</p>
8.54	<p>The closing cor. of Frac. Tps. 4 and 5 N., R. 21 W., New Mexico Principal Mer., New Mexico, monumented with an iron post, 3 ins. diam., projecting 20 ins. above ground, with brass cap mkd.</p>

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Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

CHAINS		
	<p style="text-align: center;">T5N R21W C S34 C S T4N 1912</p>	
17.44	<p>The cor. is in a N-S fence.</p> <p>A lot cor. for sec. 4, Frac. T. 4 N., R. 21 W., New Mexico Principal Mer., New Mexico, bears East, 1.2 lks. dist., monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">4 5 S 4 1936</p>	
39.96	<p>The cor. is in a N-S fence.</p> <p>The 165½ mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 1 in. diam., projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">165½ ARIZ NM 1936</p>	
	<p>The cor. is in a N-S fence.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 0°03' W., beginning new measurement.</p> <p>Over rolling land, through scattering timber.</p>	
17.565	<p>The 1/4 sec. cor. of sec. 4, Frac. T. 4 N., R. 21 W., New Mexico Principal Mer., New Mexico, bears East, 1 lk. dist., monumented with an iron post, 1 in. diam., projecting 11 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">1/4 S 4 1936</p>	
25.82	<p>The cor. is in a N-S fence.</p> <p>Point for the closing cor. of secs. 22 and 27, Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona, hereinafter described.</p>	
39.85	<p>The 166 mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 2 ins. diam., set in a mound of stone, 3 ft. base, 1½ ft. high, to top, with brass cap mkd. as described in the official record of the 1936 resurvey, from which</p> <p style="margin-left: 40px;">A juniper, 6 ins. diam., mkd. in 1936, bears S. 60°40' E., 54 lks. dist., mkd. 166M N MEX BT.</p> <p style="margin-left: 40px;">A juniper, 12 ins. diam., mkd. in 1875, bears S. 3°05' W., 30 lks. dist., mkd. MC 166 ARIZ BT.</p> <p style="margin-left: 40px;">A stump hole, bears S. 41°40' W., 50 lks. dist.; a pinyon, 6 ins. diam., mkd. in 1875, lying alongside is mkd. MC 166 ARIZ BT.</p>	

Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

CHAINS	
	<p>The cor. is in a N-S fence.</p> <hr/> <p>S. 0°17' W., on the 167th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land, through scattering timber.</p> <p>Along a N-S fence.</p>
17.545	<p>The closing cor. of secs. 4 and 9, Frac. T. 4 N., R. 21 W., New Mexico Principal Mer., New Mexico, bears East, 4.4 lks. dist., monumented with an iron post, 2 ins. diam., projecting 12 ins. above a mound of stone, 3 ft. base, 6 ins. high, with brass cap mkd. as described in the official record of the 1936 survey, from which the bearing trees mkd. in 1936.</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears N. 42 1/4° E., 158 lks. dist., mkd. T4N R21W S4 CC BT.</p> <p style="padding-left: 40px;">A juniper, 21 ins. diam., bears S. 75°50' E., 35 lks. dist., mkd. T4N R21W S9 CC BT.</p> <p>The cor. is 35 lks. E of a N-S fence.</p>
40.08	<p>The 166½ mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 1 in. diam., projecting 10 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">166½M ARIZ NM 1936</p> <p>from which the bearing trees mkd. in 1936.</p> <p style="padding-left: 40px;">A juniper, 18 ins. diam., bears N. 79½° E., 110 lks. dist., mkd. 166½M N MEX BT.</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears S. 23¼° W., 117 lks. dist., mkd. 166½M ARIZ BT.</p> <p>The cor. is 108 lks. E of a N-S fence.</p> <hr/> <p>S. 0°17' W., beginning new measurement.</p>
17.46	<p>The 1/4 sec. cor. of sec. 9, Frac. T. 4 N., R. 21 W., New Mexico Principal Meridian, New Mexico, bears West, 19.6 lks. dist., monumented with an iron post, 1 in. diam., projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">ARIZ 1/4 S 9 1936</p> <p>from which the bearing tree mkd. in 1936</p> <p style="padding-left: 40px;">A juniper, 18 ins. diam., bears N. 22 1/4° E., 121 lks. dist., mkd. with an overgrown blaze.</p> <p>The cor. is 150 lks. E of a N-S fence.</p>
25.90	<p>Point for the closing cor. of secs. 27 and 34, Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona, hereinafter described.</p>

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Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

CHAINS		
39.98	<p>The 167 mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 2 ins. diam., projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">167M ARIZ NM 32WL 1936</p> <p>from which the bearing trees mkd. in 1936.</p> <p>A juniper, 8 ins. diam., bears S. 87½° E., 187 lks. dist., mkd. 167M NM BT. (Record dist., 184 lks.)</p> <p>A juniper, 10 ins. diam., bears S. 50°40' W., 84 lks. dist., mkd. 167M ARIZ BT.</p> <p>A juniper, 11 ins. diam., bears N. 80°35' W., 75 lks. dist., mkd. 167M ARIZ BT.</p> <p>The cor. is about 2.70 chs. E of a fence cor.; fences extend N, S and S. 70° W.</p>	
	<p>S. 0°24' W., on the 168th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land, through scattering timber.</p>	
17.61	<p>The closing cor. of secs. 9 and 16, Frac. T. 4 N., R. 21 W., New Mexico Principal Mer., New Mexico, monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T4N R21W ARIZ S 9 S16 1936</p> <p>from which the bearing trees mkd. in 1936.</p> <p>A juniper, 12 ins. diam., bears N. 87¼° E., 60 lks. dist., mkd. T4N R21W S9 BT. (Record bearing and dist. N. 67¼° E., 62 lks.)</p> <p>A juniper, 10 ins. diam., bears S. 35 1/4° E., 83 lks. dist., mkd. S16 BT. (Record dist. 81 lks.)</p> <p>The cor. is about 350 lks. E of a N-S fence.</p>	
39.92	<p>The 167½ mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 1 in. diam., set in a mound of stone, 3½ ft. base, 1½ ft. high, to top, with brass cap mkd.</p> <p style="text-align: center;">167½M ARIZ NM 1936</p> <p>from which the bearing trees mkd. in 1936</p>	

Retracement of the Arizona-New Mexico State Line
Between Mile Corners 163 and 168

CHAINS													
	<p>A juniper, 18 ins. diam., bears N. 68 1/4° E., 50 lks. dist., mkd. 167 1/2 M N MEX BT.</p>												
	<p>A pinyon, 8 ins. diam., bears S. 37 1/2° W., 39 lks. dist., mkd. 167 1/2 M ARIZ BT.</p>												
	<p>S. 0°27' W., beginning new measurement.</p>												
3.00	<p>Fence, bears N. 85° E. and S. 85° W.</p>												
17.66	<p>The 1/4 sec. cor. of sec. 16, Frac. T. 4 N., R. 21 W., New Mexico Principal Mer., New Mexico, bears East, 4.3 lks. dist., monumented with an iron post, 1 in. diam., projecting 10 ins. above ground, with brass cap mkd.</p>												
	<p style="text-align: center;"> <table style="margin: auto;"> <tr><td style="border-right: 1px solid black; padding-right: 5px;">ARIZ</td><td style="padding-left: 5px;">1/4</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;"></td><td style="padding-left: 5px;">S16</td></tr> <tr><td colspan="2" style="text-align: center;">1936</td></tr> </table> </p>	ARIZ	1/4		S16	1936							
ARIZ	1/4												
	S16												
1936													
	<p>from which the bearing tree mkd. in 1936.</p>												
	<p>A juniper, 6 ins. diam., bears S. 71 1/4° E., 97 lks. dist., mkd. 1/4 S16 BT.</p>												
26.76	<p>The closing cor. of Frac. Tps. 13 and 14 N., R. 31 E., Gila and Salt River Mer., Arizona, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above ground, with brass cap mkd.</p>												
	<p style="text-align: center;"> <table style="margin: auto;"> <tr><td style="border-right: 1px solid black; padding-right: 5px;">T14N</td><td style="padding-left: 5px;"></td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">R31E</td><td style="padding-left: 5px;"></td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">C S34</td><td style="padding-left: 5px;">NEW</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">C S 3</td><td style="padding-left: 5px;">MEX</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">T13N</td><td style="padding-left: 5px;"></td></tr> <tr><td colspan="2" style="text-align: center;">1966</td></tr> </table> </p>	T14N		R31E		C S34	NEW	C S 3	MEX	T13N		1966	
T14N													
R31E													
C S34	NEW												
C S 3	MEX												
T13N													
1966													
	<p>A mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, is W of the cor.</p>												
28.10	<p>Fence, bears S. 40° E. and N. 40° W.</p>												
40.12	<p>The 168 mile cor. on the Arizona-New Mexico State Line, monumented with an iron post, 2 ins. diam., projecting 9 ins. above ground, with brass cap mkd. as described in the official record of the 1936 resurvey, from which the bearing trees mkd. in 1936.</p>												
	<p>A juniper, 7 ins. diam., bears N. 50° E., 134 lks. dist., mkd. 168M N MEX BT.</p>												
	<p>A juniper, 7 ins. diam., bears N. 80° W., 90 lks. dist., mkd. BT through a partially healed blaze.</p>												
	<p style="text-align: center;">Dependent Resurvey of the W. Bdy., Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.</p>												
	<p style="text-align: center;">(Restoring the 1882 survey by Milton Santee)</p>												
	<p>From the cor. of Tps. 13 and 14 N., Rs. 30 and 31 E., monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above ground, with brass cap mkd.</p>												

Dependent Resurvey of the W. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

CHAINS								
	<div style="text-align: center;"> <table border="1"> <tr><td>T14N</td></tr> <tr><td>R30E R31E</td></tr> <tr><td>S36 S31</td></tr> <tr><td>S 1 S 6</td></tr> <tr><td>T13N</td></tr> <tr><td>1966</td></tr> </table> </div> <p>A mound of stone, 1½ ft. base, 1 ft. high, is W of the cor.</p> <p>The cor. is at a fence cor.; fences extend N, E, S and W.</p> <p>N. 0°03' W., bet. secs. 31 and 36.</p> <p>Over rolling land, through scattering timber.</p> <p>Along a N-S fence.</p>	T14N	R30E R31E	S36 S31	S 1 S 6	T13N	1966	
T14N								
R30E R31E								
S36 S31								
S 1 S 6								
T13N								
1966								
40.54	Point for the 1/4 sec. cor. of secs. 31 and 36, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.							
64.30	Gulley, 50 lks. wide, 10 ft. deep, drains S. 85° W.							
81.08	<p>Point for the cor. of secs. 25, 30, 31 and 36, at proportionate dist.; the original cor., a sandstone, 8 x 4 x 4 ins., mkd. with 1 groove on one face and 5 grooves on the opposite face, was found lying loose on the ground.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr><td>T14N</td></tr> <tr><td>R30E R31E</td></tr> <tr><td>S25 S30</td></tr> <tr><td>S36 S31</td></tr> <tr><td>1979</td></tr> </table> </div> <p>Deposit the mkd. stone alongside the iron post.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. is 18 lks. W of a N-S fence.</p>	T14N	R30E R31E	S25 S30	S36 S31	1979		
T14N								
R30E R31E								
S25 S30								
S36 S31								
1979								
	<p>N. 0°03' W., bet. secs. 25 and 30.</p> <p>Over rolling open grass land.</p> <p>Along a N-S fence.</p>							
10.00	Track road, bears S. 70° W. and N, curving easterly.							
40.54	<p>Point for the 1/4 sec. cor. of secs. 25 and 30, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>							

Dependent Resurvey of the W. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

CHAINS		
	<p style="text-align: center;">T14N 1/4 R30E R31E S25 S30 1979</p> <p>from which</p> <p style="text-align: center;">A juniper, 8 ins. diam., bears N. 14$\frac{3}{4}$° E., 365.5 lks. dist., mkd. 1/4 S30 BT.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. is 17 lks. E of a N-S fence.</p> <p>Thence through scattering timber.</p>	
81.08	<p>The cor. of secs. 19, 24, 25 and 30, monumented with a juniper post, 4 ft. long, 3 ins. diam., flattened at the larger end, loosely set in a mound of stone, 1$\frac{1}{2}$ ft. base, 6 ins. high.</p> <p>At the center of the mound</p> <p>Set an iron post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R30E R31E S24 S19 S25 S30 1979</p> <p>Reset the wooden post, alongside the iron post.</p> <p>Set a steel fence post, 5 ft. long, 1$\frac{1}{2}$ ft. in the ground, W of the cor.</p> <p>The cor. is 40 lks. E of a N-S fence.</p>	
	<p>N. 0°10' E., bet. secs. 19 and 24.</p> <p>Over rolling land, through medium timber.</p> <p>Along a N-S fence.</p>	
40.01	<p>Point for the 1/4 sec. cor. of secs. 19 and 24, at pro- portionate dist.; there is no remaining evidence of the original cor., not monumented.</p>	
80.02	<p>Point for the cor. of secs. 13, 18, 19 and 24, at pro- portionate dist.; a juniper, 4$\frac{1}{2}$ ft. long, 6 ins. diam., squared at the larger end was found leaning against a tree.</p> <p>Set an iron post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R30E R31E S13 S18 S24 S19 1979</p>	

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Dependent Resurvey of the W. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

CHAINS		
	<p>from which</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears N. $23\frac{1}{2}^{\circ}$ E., 64 lks. dist., mkd. T14N R31E S18 BT.</p> <p>Set the wooden post, alongside the iron post.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground W of the cor.</p> <p>The cor. is 152 lks. E of a N-S fence.</p>	
40.01	<p>N. $0^{\circ}10'$ E., bet. secs. 13 and 18.</p> <p>Over rolling land, through medium to scattering timber.</p> <p>Point for the $1/4$ sec. cor. of secs. 13 and 18, at pro- portionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R30E R31E 1/4 S13 S18 1979</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 4 ins. diam., bears S. 73° E., 168 lks. dist., mkd. X BT at the base.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 20° E., 59 lks. dist., mkd. $1/4$ S18 BT.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. is 188 lks. E of a N-S fence.</p>	
80.02	<p>Point for the cor. of secs. 7, 12, 13 and 18, at pro- portionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R30E R31E S12 S 7 S13 S18 1979</p> <p>Raise a mound of stone, $3\frac{1}{2}$ ft. base, 2 ft. high, W of the cor.</p> <p>From the cor. a fence cor., bears N. $28^{\circ}25'$ E., 375 lks. dist.; fences extend easterly and S. 6° W.</p> <p>The cor. is 142 lks. W of a fence, bears N. 6° E. and S. 6° W.</p>	

Dependent Resurvey of the W. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

CHAINS													
	<p>N. 0°10' E., bet. secs. 7 and 12.</p> <p>Over rolling land, through a railed area.</p>												
40.01	Point for the 1/4 sec. cor. of secs. 7 and 12, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.												
75.50	Low ridge, bears N. 80° E. and S. 80° W.; enter medium timber.												
80.02	Point for the cor. of secs. 1, 6, 7 and 12, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.												
<hr/>													
	<p>N. 0°10' E., bet. secs. 1 and 6.</p> <p>Over rolling land, through medium timber.</p>												
40.01	Point for the 1/4 sec. cor. of secs. 1 and 6, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.												
80.02	Point for the cor. of Tps. 14 and 15 N., Rs. 30 and 31 E., at proportionate dist.; there is no remaining evidence of the original cor.												
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>												
	<table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">T15N</td></tr> <tr><td>R30E</td><td>R31E</td></tr> <tr><td>S36</td><td>S31</td></tr> <tr><td>S 1</td><td>S 6</td></tr> <tr><td colspan="2">T14N</td></tr> <tr><td colspan="2">1979</td></tr> </table>	T15N		R30E	R31E	S36	S31	S 1	S 6	T14N		1979	
T15N													
R30E	R31E												
S36	S31												
S 1	S 6												
T14N													
1979													
	<p>from which</p> <p style="margin-left: 40px;">A juniper, 7 ins. diam., bears N. 53° E., 69 lks. dist., mkd. T15N R31E S31 BT.</p> <p style="margin-left: 40px;">A juniper, 10 ins. diam., bears S. 27° E., 187 lks. dist., mkd. T14N R31E S6 BT.</p> <p style="margin-left: 40px;">A juniper, 14 ins. diam., bears S. 71° W., 52 lks. dist., mkd. T14N R30E S1 BT.</p>												
	<p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>												
	<p>From this point the 1/4 sec. cor. of secs. 31 and 36, Tps. 15 N., Rs. 30 and 31 E., bears N. 0°56' E., 40.01 chs. dist., monumented with a sandstone, 15 x 10 x 6 ins., firmly set 4 ins. in the ground, mkd. /4 on the W face.</p>												
	<p>At the cor. point</p>												
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>												

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Dependent Resurvey of the W. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

CHAINS

T15N
1/4
R30E | R31E
S36 | S31
1979

Deposit the mkd. stone alongside the iron post.

Set a steel fence post, 5 ft. long, 2 ft. in the ground,
W of the cor.

The cor. is on a spur, slopes E.

From this same point the cor. of secs. 5, 6, 31 and 32,
Tps. 14 and 15 N., R. 30 E., bears N. 89°10' W., 398.63
chs. dist., monumented with a basalt stone, 7 x 6 x 4
ins., firmly set 5 ins. in the ground, mkd. with 5
grooves on the E and 1 groove on the W faces.

At the cor. point

Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in
the ground, with brass cap mkd.

T15N R30E
S31 | S32
S 6 | S 5
T14N
1979

Deposit the mkd. stone alongside the iron post.

Set a steel fence post, 5 ft. long, 2 ft. in the ground,
W of the cor.

From the cor. of secs. 5, 6, 31 and 32, Tps. 14 and 15
N., R. 30 E., the cor. of Tps. 14 and 15 N., Rs. 29 and
30 E., bears N. 89°32' W., 80.36 chs. dist., monumented
with a private surveyors monument, a brass cap, 1½ ins.
diam., set flush in a concrete base, 6 ins. square, pro-
jecting 3 ins. above ground, with brass cap mkd.

T15N
R29E | S31 | S36 | R30E
S 1 | S 6
T14N
PE 6123

A broken wooden post, 4 ins. squared, 18 ins. long, mkd.
T15N R2 on one face and R30 on another face was found
lying alongside the brass cap.

The cor. is at a fence cor.; fences extend N, S. 2¾° W.
and W.

The control line was fully retraced and no evidence of
the intervening cors. was found.

Dependent Resurvey of a Portion of the N. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

(Restoring the 1882 survey by Milton Santee)

Dependent Resurvey of a Portion of the N. Bdy.,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Ariz.

CHAINS	
	<p>From the Cor. of Tps. 14 and 15 N., Rs. 30 and 31 E. S. 89°58' E., bet. secs. 6 and 31. Over rolling land, through scattering timber.</p> <p>39.86 Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.</p> <p>79.72 Point for the cor. of secs. 5, 6, 31 and 32, at proportionate dist.; there is no remaining evidence of the original cor. Set an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T15N R31E S31 S32 S 6 S 5 T14N 1979</p> </div> <p>Raise a mound of stone, 3½ ft. base, 2 ft. high, W of the cor.</p>
	<p>S. 89°58' E., bet. secs. 5 and 32. Over rolling land, through scattering to medium timber.</p> <p>39.86 The 1/4 sec. cor. of secs. 5 and 32, monumented with a granite stone, 14 x 10 x 5 ins., firmly set in a mound of stone, 2 ft. base, 8 ins. high, mkd. 1/4 on the N face. At the cor. point Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T15N R31E 1 S32 4 S 5 T14N 1979</p> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 15 ins. diam., bears S. 46½° E., 27.5 lks. dist., mkd. 1/4 S5 BT.</p> <p style="padding-left: 40px;">A juniper, 4 ins. diam., bears N. 73½° W., 57 lks. dist., mkd. X BT at the base.</p> <p>Deposit the mkd. stone alongside the iron post. Raise a mound of stone, 1½ ft. base, 1 ft. high, N of the cor. Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS		
	(Restoring the 1882 survey by Milton Santee)	
	From the cor. of secs. 3, 4, 33 and 34, on the S bdy. of the Tp., monumented with an iron post, 2½ ins. diam., set in a mound of stone, 3 ft. base, 2½ ft. high, to top, with brass cap mkd.	
	T14N R31E S33 S34 S 4 S 3 T13N 1966	
	N. 0°57' E., bet. secs. 33 and 34.	
	Over rolling land, through scattering timber.	
40.07	Point for the 1/4 sec. cor. of secs. 33 and 34, at proportionate dist.; there is no remaining evidence of the original cor.	
	Set an iron post, 28 ins. long, 2½ ins. diam., 14 ins. in the ground, to solid rock, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.	
	T14N R31E 1/4 S33 S34 1979	
	from which	
	A juniper, 6 ins. diam., bears S. 37½° E., 40 lks. dist., mkd. X BT at the base.	
	A juniper, 4 ins. diam., bears S. 79° E., 28 lks. dist., mkd. 1/4 S34 BT.	
42.60	Rocky draw, drains S. 30° W.	
60.90	Fence, bears N. 70° E. and S. 70° W.	
80.14	The cor. of secs. 27, 28, 33 and 34, monumented with a badly deteriorated wooden post, 3 ft. long, 3 ins. diam., squared on the larger end and sharpened on the opposite end, lying on a mound of earth.	
	At the center of the mound	
	Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.	
	T14N R31E S28 S27 S33 S34 1979	
	Reset the wooden post, alongside the iron post.	
	Set a steel fence post, 5 ft. long, 1½ ft. in the ground, W of the cor.	
	N. 87°01' E., bet. secs. 27 and 34.	
	Over rolling land, through scattering timber.	

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS																
16.46	Fence, bears N and S.															
18.43	<p>Point for the closing cor. of secs. 27 and 34, on the E bdy. of the Frac. Tp., at proportionate dist. using the original record dist. bet. mile cors. 166 and 167 and the 1882 record tie to mile cor. 167 for proportionment. There is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td></td><td>T14N</td><td> </td></tr> <tr><td>CC</td><td>S27</td><td> </td></tr> <tr><td></td><td>S34</td><td> </td></tr> <tr><td></td><td>R31E</td><td> </td></tr> <tr><td></td><td>1979</td><td></td></tr> </table> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 4 ins. diam., bears S. 35° W., 30 lks. dist., mkd. X BT at the base.</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears N. 26° W., 27 lks. dist., mkd. T14N R31E S27 CC BT.</p> <p>Raise a mound of stone, 3 ft. base, 1½ ft. high, W of the cor.</p> <p>From this point the 167 mile cor., bears S. 0°17' W., 14.08 chs. dist., heretofore described.</p>		T14N		CC	S27			S34			R31E			1979	
	T14N															
CC	S27															
	S34															
	R31E															
	1979															
	<p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>N. 0°37' W., bet. secs. 27 and 28.</p> <p>Over rolling land, through scattering timber.</p>															
41.28	<p>Point for the 1/4 sec. cor. of secs. 27 and 28, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground, to solid rock, in a 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>T14N</td><td>R31E</td></tr> <tr><td></td><td>1/4</td><td></td></tr> <tr><td></td><td>S28</td><td> S27</td></tr> <tr><td></td><td>1979</td><td></td></tr> </table> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 7 ins. diam., bears N. 75° W., 76.5 lks. dist., mkd. 1/4 S28 BT.</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears N. 39° W., 45 lks. dist., mkd. X at breast height and BT at the base.</p>		T14N	R31E		1/4			S28	S27		1979				
	T14N	R31E														
	1/4															
	S28	S27														
	1979															
82.56	<p>Point for the cor. of secs. 21, 22, 27 and 28, at proportionate dist.; there is no remaining evidence of the original cor.</p>															

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Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S21 S22 S28 S27 1979</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 4 ins. diam., bears S. 47° E., 79.5 lks. dist., mkd. X BT at the base.</p> <p style="padding-left: 40px;">A juniper, 18 ins. diam., bears N. 85° W., 77.5 lks. dist., mkd. X BT at the base.</p> <p>Raise a mound of stone, 3 ft. base, 1½ ft. high, W of the cor.</p>	
19.70	<p>S. 85°21' E. bet. secs. 22 and 27.</p> <p>Over rolling land, through scattering timber.</p> <p>Point for the closing cor. of secs. 22 and 27, on the E bdy. of the Frac. Tp., at proportionate dist. using the original record dist. bet. mile cors. 165 and 166 and the 1882 record tie to mile cor. 166 for proportionment. There is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N CC S22 S27 R31E 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. is 1 lk. W of a N-S fence.</p> <p>From this point the 166 mile cor. bears S. 0°03' W., 14.03 chs. dist., heretofore described.</p>	
41.28	<p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>N. 0°05' W., bet. secs. 21 and 22.</p> <p>Over gently rolling grassland.</p> <p>Point for the 1/4 sec. cor. of secs. 21 and 22, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E 1/4 S21 S22 1979</p>	

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS								
82.56	<p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. of secs. 15, 16, 21 and 22, monumented with a badly deteriorated post, 4 ft. long, 3 ins. diam., squared on the larger end, lying on top of a mound of earth.</p> <p>At the center of the mound</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T14N R31E</p> <table border="1" style="margin: auto;"> <tr><td>S16</td><td>S15</td></tr> <tr><td>S21</td><td>S22</td></tr> </table> <p>1979</p> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 5° E., 263 lks. dist., mkd. T14N R31E S22 BT.</p> <p>Reset the wooden post, alongside the iron post.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>	S16	S15	S21	S22			
S16	S15							
S21	S22							
19.73	<p>S. 89°49' E., bet. secs. 15 and 22.</p> <p>Over rolling land, through scattering timber.</p> <p>Point for the closing cor. of secs. 15 and 22, on the E bdy. of the Frac. Tp., at proportionate dist., based on the 1912 record. A sandstone, 16 x 10 x 4 ins., mkd. with 4 grooves on one face was found lying loose on the ground near this point.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T14N</p> <table border="1" style="margin: auto;"> <tr><td>CC</td><td>S15</td></tr> <tr><td></td><td>S22</td></tr> <tr><td></td><td>R31E</td></tr> </table> <p>1979</p> </div> <p>Deposit the mkd. stone alongside the iron post.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W of the cor.</p> <p>The cor. is in a N-S fence.</p> <p>From this point the 165 mile cor., bears S. 0°03' E., 18.32 chs. dist., heretofore described.</p> <hr/> <p>From the cor. of secs. 4, 5, 32 and 33, on the S bdy. of the Frac. Tp., monumented with an iron post, 2½ ins. diam., set in a mound of stone, 2½ ft. base, 1 ft. high, to top, with brass cap mkd.</p>	CC	S15		S22		R31E	
CC	S15							
	S22							
	R31E							

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">T14N R31E $\frac{S32}{S5} \frac{S33}{S4}$ T13N 1966</p>	
	<p>N. 0°15' E., bet. secs. 32 and 33.</p>	
	<p>Over rolling land through medium timber.</p>	
31.99	<p>Fence, bears N. 70° E. and S. 70° W.</p>	
40.63	<p>Point for the 1/4 sec. cor. of secs. 32 and 33, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.</p>	
81.26	<p>Point for the cor. of secs. 28, 29, 32 and 33, at proportionate dist.; there is no remaining evidence of the original cor.</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground, to solid rock, and in a mound of stone, 4½ ft. base, to top, with brass cap mkd.</p>	
	<p style="text-align: center;">T14N R31E $\frac{S29}{S32} \frac{S28}{S33}$ 1979</p>	
	<p>from which</p>	
	<p style="padding-left: 40px;">A sandstone boulder 12 x 10 x 8 ft. above ground, bears N. 28° E., 5.7 lks. dist., mkd. X B0 on W face.</p>	
	<p style="padding-left: 40px;">A sandstone boulder 8 x 6 x 4 ft. above ground, bears S. 50° E., 17 lks. dist., mkd. X B0 on NW face.</p>	
	<p>Cor. is located 20 lks. W of the top of a low, rocky spur, slopes N. 35° W., about 1 ch. dist. to an open valley.</p>	
	<p>From the cor. of secs. 27, 28, 33 and 34.</p>	
	<p>N. 88°24' W., bet. secs. 28 and 33.</p>	
	<p>Over rolling land, through medium timber.</p>	
40.52	<p>Point for the 1/4 sec. cor. of secs. 28 and 33, at proportionate dist.; there is no remaining evidence of the original cor.</p>	
	<p>Set a brass tablet, 3 1/4 ins. diam., 3½ in. stem in drill hole in base of sandstone boulder 20 x 12 x 15 ft. above ground, mkd.</p>	
	<p style="text-align: center;">T14N R31E $\frac{1}{4} \frac{S28}{S33}$ 1979</p>	
	<p>from which</p>	

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS	
81.03	<p>A sandstone boulder 25 x 15 x 15 ft. above ground, bears S. 88° E., 5 lks. dist., mkd. X BO on S face.</p> <p>A sandstone boulder 10 x 4 x 3 ft. above ground, bears S. 1° W., 28 lks. dist., mkd. X BO on N face.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. of secs. 28, 29, 32 and 33.</p>
40.63	<p>N. 0°12' W., bet. secs. 28 and 29.</p> <p>Over rolling land, through scattering timber.</p> <p>Point for the 1/4 sec. cor. of secs. 28 and 29, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>
62.80	<p style="text-align: center;">T14N R31E 1/4 S29 S28 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The center of a windmill, bears N. 60°40' W., 16.20 chs. dist.</p>
70.00	<p>Track road, bears N. 60° E., and S. 60° W.</p>
81.26	<p>Wash, 30 lks. wide, 4 ft. deep, drains S. 80° W.</p>
40.20	<p>Point for the cor. of secs. 20, 21, 28 and 29, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S20 S21 S29 S28 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>
40.20	<p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>N. 89°18' W., bet. secs. 21 and 28.</p> <p>Over open valley.</p> <p>Point for the 1/4 sec. cor. of secs. 21 and 28, at proportionate dist.; there is no remaining evidence of the original cor.</p>

22 Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS		
80.40	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E $\frac{1}{4}$ S21 4 S28 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>Cor. is 85 lks. N of a gully, 4 ft. deep, drains westerly.</p> <p>The cor. of secs. 20, 21, 28 and 29.</p>	
5.80 40.63	<p>N. 0°03' W., between secs. 20 and 21.</p> <p>Over nearly level grassland.</p> <p>Gully, 80 lks. wide, 30 ft. deep, drains S. 50° W.</p> <p>Point for the 1/4 sec. cor. of secs. 20 and 21, at proportionate dist.; there is no remaining evidence of the original cor.</p>	
81.26	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E $\frac{1}{4}$ S20 S21 1979</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears S. 62½° W., 80 lks. dist., mkd. X BT at the base.</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears N. 43° W., 53.5 lks. dist., mkd. 1/4 S20 BT.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. of sec. 16, 17, 20 and 21, monumented with a juniper post, 4 ins. diam., 4 ft. long, loosely set 4 ins. in the ground, flattened on 2 sides with no discernible markings, pits were in evidence.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S17 S16 S20 S21 1979</p> <p>from which</p>	

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS	
	<p>A juniper, 10 ins. diam., bears S. 38° W., 119 lks. dist., mkd. T14N R31E S20 BT.</p> <p>Reset the wooden post, alongside the iron post.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <hr/> <p>From the cor. of secs. 5, 6, 31 and 32, on the S bdy. of the Frac. Tp., monumented with an iron post, 2½ ins. diam., projecting 6 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S31 S32 S 6 S 5 T13N 1966</p> <p>A mound of stone 1½ ft. base, 8 ins. high, is W of the cor.</p> <p>N. 0°01' W., bet. secs. 31 and 32.</p> <p>Over rolling land, through scattering timber.</p>
3.70	Fence, bears N. 70° E. and S. 70° W.
40.74	Point for the 1/4 sec. cor. of secs. 31 and 32, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.
81.48	Point for the cor. of secs. 29, 30, 31 and 32 at proportionate dist.; there is no remaining evidence of the original cor.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S30 S29 S31 S32 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <hr/> <p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>N. 89°39' W., bet. secs. 29 and 32.</p> <p>Over rolling land through scattering timber.</p>
40.33	Point for the 1/4 sec. cor. of secs. 29 and 32, at proportionate dist., there is no remaining evidence of the original cor., not monumented.
80.66	The cor. of secs. 29, 30, 31 and 32.
	<p>S. 89°56' W., between secs. 30 and 31.</p> <p>Over gently rolling, open grassland.</p>

24 Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS	
40.37	<p>Point for the 1/4 sec. cor. of secs. 30 and 31 at proportionate dist., there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E $\frac{1}{4}$ $\frac{S30}{S31}$ 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. is located 22 lks. S of a fence, bears E and W, which is part of an abandoned corral.</p>
80.38	<p>The cor. of secs. 25, 30, 31 and 36, on the W bdy. of the Frac. Tp., heretofore described.</p>
	<p>From the cor. of secs. 29, 30, 31 and 32.</p> <p>N. 0°02' E., between secs. 29 and 30.</p> <p>Over gently rolling, open grassland.</p>
20.37	<p>Point for the S 1/16 sec. cor. of secs. 29 and 30.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S 1/16 S30 S29 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>
27.30	<p>Wash, 30 lks. wide, 8 ft. deep, drains S. 50° W.</p>
40.74	<p>Point for the 1/4 sec. cor. of secs. 29 and 30 at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E 1/4 S30 S29 1979</p> <p>Raise a mound of stone, 3 ft. base, 1½ ft. high, W of the cor.</p>
45.80	<p>Draw, drains S. 45° W.</p>
81.48	<p>The cor. of secs. 19, 20, 29 and 30, monumented with a juniper post, 3 ins. diam., 4 ft. long, firmly set 4 ins. in the ground and supported by a limb of a living juniper tree, flattened on 4 sides, mkd. S20 on the NE, T14N R31E S on the SE, S30 on the SW and S19 on the NW.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p>At the cor. point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E $\frac{S19}{S30} \frac{S20}{S29}$ 1979</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears N. 73° E., 31 lks. dist., mkd. T14N R31E S20 BT.</p> <p style="padding-left: 40px;">A juniper, 15 ins. diam., bears S. 15° W., 65 lks. dist., mkd. T14N R31E S30 BT.</p> <p>Reset the wooden post, alongside the iron post.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>	
40.17	<p>From the cor. of secs. 20, 21, 28 and 29.</p> <p>N. 89°30' W., bet. secs. 20 and 29.</p> <p>Over rolling land, through medium timber.</p> <p>Point for the 1/4 sec. cor. of secs. 20 and 29, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E $\frac{1}{4} \frac{S20}{S29}$ 1979</p> <p>Raise a mound of stone, 3 ft. base, 1 ft. high, N of the cor.</p>	
80.33	<p>The cor. of secs. 19, 20, 29 and 30.</p> <p>S. 89°38' W., bet. secs. 19 and 30.</p> <p>Over gently rolling land through scattering timber.</p>	
40.50	<p>Point for the 1/4 sec. cor. of secs. 19 and 30 at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E $\frac{1}{4} \frac{S19}{S30}$ 1979</p>	

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Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS	
80.48	<p>from which</p> <p>A juniper, 8 ins. diam., bears S. 58° E., 71 lks. dist., mkd. X BT at the base.</p> <p>A juniper, 12 ins. diam., bears S. 85° W., 154 lks. dist., mkd. 1/4 S30 BT.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. of secs. 19, 24, 25 and 30 on the W bdy. of the Frac. Tp., heretofore described.</p>
40.02	<p>From the cor. of secs. 19, 20, 29 and 30.</p> <p>N. 0°06' E., bet. secs. 19 and 20.</p> <p>Over rolling land, through medium to dense timber.</p> <p>The point for the 1/4 sec. cor. of secs. 19 and 20 at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E 1/4 S19 S20 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>From this point a stock pond bears N. 50° E., 5.00 chs. dist., approximately 3 chs. in diameter.</p>
80.04	<p>The cor. of secs. 17, 18, 19 and 20, monumented with a juniper post, 3 ins. diam., 3½ ft. long, flattened on 4 sides with illegible scribe marks visible, lying along- side a mound of earth.</p> <p>At the center of the mound</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E S18 S17 S19 S20 1979</p> <p>from which</p> <p>A juniper, 9 ins. diam., bears N. 18° E., 37 lks. dist., mkd. T14N R31E S17 BT.</p> <p>A juniper, 12 ins. diam., bears S. 81° E., 73.5 lks. dist., mkd. T14N R31E S20 BT.</p> <p>A juniper, 10 ins. diam., bears N. 72½° W., 99.5 lks. dist., mkd. T14N R31E S18 BT.</p> <p>Reset the wooden post, alongside the iron post.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS	
	Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.
40.05	<p>From the cor. of secs. 16, 17, 20 and 21.</p> <p>S. 89°38' W., between secs. 17 and 20.</p> <p>Over gently rolling land through medium timber.</p>
	<p>Point for the 1/4 sec. cor. of secs. 17 and 20 at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T14N R31E $\frac{1}{4}$ $\frac{S17}{S20}$ 1979</p>
	Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.
80.09	The cor. of secs. 17, 18, 19 and 20.
40.33	<p>S. 89°38' W., between secs. 18 and 19.</p> <p>Over gently rolling land through medium to dense timber.</p>
	<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 an iron post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T14N R31E $\frac{1}{4}$ $\frac{S18}{S19}$ 1979</p>
	<p>from which</p> <p style="text-align: center;">A juniper, 5 ins. diam., bears N. 31° E., 70.5 lks. dist., mkd. 1/4 S18 BT.</p>
	Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.
80.38	The cor. of secs. 13, 18, 19 and 24 on the W bdy. of the Frac. Tp., heretofore described.
39.91	<p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>N. 0°04' W., between secs. 17 and 18.</p>
	<p>Point for the 1/4 sec. cor. of secs. 17 and 18 at proportionate dist.; there is no remaining evidence of the original cor.</p>
	Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.

28 Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS		
	<p style="text-align: center;">T14N R31E 1/4 S18 S17 1979</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 20 ins. diam., bears S. 64° W., 85 lks. dist., mkd. 1/4 S18 BT.</p> <p style="padding-left: 40px;">A juniper, 16 ins. diam., bears N. 72° W., 55.5 lks. dist., mkd. X BT at the base.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>75.65 Fence, bears S. 80° E. and N. 80° W.</p> <p>79.82 Point for the cor. of secs. 7, 8, 17 and 18 at pro- portionate dist.; there is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T14N R31E S 7 S 8 S18 S17 1979</p> <p>Raise a mound of stone, 3 ft. base, 1 ft. high, W of the cor.</p> <p>From this point the closing cor. of secs. 10 and 15, on the E bdy. of the Frac. Tp., bears S. 89°12' E., 180.11 chs. dist., established at proportionate dist. using the original record dist. bet. mile cors. 163 and 164 and the 1882 record tie to mile cor. 164 for proportionment.</p> <p>There is no remaining evidence of the original cor.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p>	
	<p style="text-align: center;">T14N S10 CC ——— S15 R31E 1979</p> <p>Raise a mound of stone, 3½ ft. base, 2½ ft. high, W of the cor.</p> <p>The cor. is 1.5 lks. W of a N-S fence.</p> <p>From this closing cor. the 164 mile cor., bears S. 0°09' E., 14.99 chs. dist., heretofore described.</p>	

Dependent Resurvey of a Portion of the Subdivisional Lines,
Frac. T. 14 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS							
40.11	<p>From the cor. of secs. 7, 8, 17 and 18, the cor. of secs. 5, 6, 31 and 32, on the N bdy. of the Frac. Tp., bears N. 0°04' E., 159.70 chs. dist., heretofore described.</p> <p>The control lines were fully retraced and careful search was made for evidence of intervening corners, none of which was recovered.</p> <hr/> <p>S. 89°47' W., between secs. 7 and 18.</p> <p>Over gently rolling land through medium to dense timber.</p> <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 an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T14N R31E</p> <table style="margin: auto;"> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">S 7</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">S18</td> </tr> </table> <p>1979</p> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 69½° E., 15.5 lks. dist., mkd. X BT at the base.</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears S. 31° W., 82 lks. dist., mkd. 1/4 S18 BT.</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>The cor. is 114 lks. S of a fence, bears S. 85° E. and N. 85° W.</p>	1	S 7	4	S18		
1	S 7						
4	S18						
80.04	<p>The cor. of secs. 7, 12, 13 and 18 on the W bdy. of the Frac. Tp., heretofore described.</p> <hr/> <p style="text-align: center;">Subdivision of section 30, Frac. T. 14 N., R. 31 E., Gila and Salt River Meridian, Arizona</p> <hr/>						
20.32	<p>From the 1/4 sec. cor. of secs. 30 and 31.</p> <p>N. 0°04' W., on the N and S center line of sec. 30.</p> <p>Over nearly level grassland.</p> <p>Point for the C S 1/16 sec. cor. of sec. 30.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T14N R31E</p> <table style="margin: auto;"> <tr> <td></td> <td style="text-align: center;">C</td> </tr> <tr> <td style="text-align: center;">S 1/16</td> <td style="text-align: center;"> S30</td> </tr> <tr> <td></td> <td style="text-align: center;">C</td> </tr> </table> <p>1979</p> </div>		C	S 1/16	S30		C
	C						
S 1/16	S30						
	C						

Subdivision of Section 30, Frac. T. 14 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	
40.64	<p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p> <p>Point for the C 1/4 sec. cor. of sec. 30, at intersection with the E and W center line of sec. 30.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T14N R31E C 1/4 S30 1979</p> <p>Set a steel fence post, 5 ft. long, 2 ft. in the ground, W of the cor.</p>
81.28	<p>The 1/4 sec. cor. of secs. 19 and 30.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 29 and 30.</p> <p>S. 89°47' W., on the E and W center line of sec. 30.</p> <p>Over gently rolling land through scattering timber.</p>
40.42	<p>The C 1/4 sec. cor. of sec. 30.</p>
80.42	<p>The 1/4 sec. cor. of secs. 25 and 30, on the W bdy. of the Frac. Tp., heretofore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area surveyed and resurveyed within Frac. T. 14 N., R. 31 E., is about 17 miles NE of St. Johns, Arizona. Elevations range from about 6,000 to 6,500 feet above sea level.</p> <p>The township consists of several mesas rising from 100 to 500 feet above the lower valleys, which drain the larger part of the area through sections 20, 21, 22, 28, 29 and 30 to the southwest.</p> <p>The timber consists of juniper and pinyon, and is prevalent over most of the township in a scattering growth, though many large areas in various parts are entirely void of any timber naturally and by clearing.</p> <p>There is a windmill located in section 29, and dry stockponds located in sections 20, 21, 30 and 31. There is no indication of valuable minerals or mining activities.</p> <p>The mean magnetic declination throughout the working area is 13° E.</p>

CERTIFICATE OF SURVEY

(I ~~me~~), Harry K. Smith, Cadastral Surveyor, _____, HEREBY
 CERTIFY upon honor that, in pursuance of special instructions bearing date of the 3rd day
 of October, 1979, (I ~~me~~) have retraced the Arizona-New Mexico
 State Line between mile corners 163 and 168, dependently resurveyed the
 west boundary, a portion of the north boundary, a portion of the subdivi-
 sional lines, and surveyed subdivisions in section 30, Fractional
 Township 14 North, Range 31 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), ~~us~~ and under (my)
~~our~~ direction; and that said survey has been made in strict conformity with said special instruc-
 tions, 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 25, 1981
 (Date)

Harry K. Smith
 (Cadastral Surveyor)

 (Date)

 (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
 Denver, Colorado

The foregoing field notes of the retracement of the Arizona-New Mexico State
 Line between mile corners 163 and 168, the dependent resurvey of the west
 boundary, a portion of the north boundary, a portion of the subdivisional
 lines and the survey of subdivisions in section 30 of Frac. T. 14 N.,
 R. 31 E., of the Gila and Salt River Meridian, Arizona,

executed by Harry K. Smith, Cadastral Surveyor,
 having been critically examined and found correct, are hereby approved.

11 MAR 1982
 (Date)

Gay S. Sprinkle
 ACTING (Chief, Cadastral Survey Examination and Approval Staff)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in
 _____, is a true copy of the original field notes.

 (Date)

 (Chief, Cadastral Survey Examination and Approval Staff)