

ORIGINAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF

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A PORTION OF THE SUBDIVISIONAL LINES

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AND THE SUBDIVISION OF SECTION 22

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AND

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A METES-AND-BOUNDS SURVEY IN

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TOWNSHIP 4 NORTH, RANGE 19 WEST

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

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EXECUTED BY

Clyde J. King

Cadastral Surveyor

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Under Special Instructions dated November 7, 1994, approved November 7, 1994, which provided for the surveys included under Group Number 782, and assignment instructions dated November 14, 1994.

Survey Commenced November 14, 1994

Survey Completed November 17, 1994

BOOK 5423

2

INDEX DIAGRAM

TOWNSHIP 4 NORTH, RANGE 19 WEST,

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

Subdivision of sec. 22  
Metes-and-bounds survey

pp. 7 - 9  
pp. 9 - 10

## BOOK 5423

T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 22 and a metes-and-bounds survey in Township 4 North, Range 19 West, Gila and Salt River Meridian, Arizona.

**The history of surveys pertaining to this resurvey is as follows:** Woodbury Abbey and Roy J. Gill surveyed the subdivisional lines in 1915. Boyd S. Owens and Paul G. Bauer resurveyed a portion of the subdivisional lines in 1964-67.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 7, 1994, for Group No. 782, Arizona.

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

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

The geographic position of the cor. of secs. 22, 23, 26 and 27 was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation station "HI JOLLY 1949" was used as the control station. The coordinates refer to the top of the monument.

Latitude: 33°40'03.47" N. Longitude: 114°11'56.16" W. NAD27

The mean magnetic declination, as taken from quadrangle map "Quartzsite", ARIZ., published in 1990 by U.S. Geological Survey, is 14° E.

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Woodbury Abbey and Roy J. Gill in 1915</p> <hr/>
	<p>Beginning at the cor. of secs. 22, 23, 26 and 27, monumented with an iron post, 2 ins. diam, firmly set, projecting 12 ins. above ground, with brass cap mkd. T4N R19W S22 S23 S27 S26 1915.</p>
	<p>Add the mks. 1994 to the cap.</p>
	<p>Cor. is located 1 lk. W. of an iron fence post, with fence extending N., 23 lks. E. of a trail road, bears N. and S. and 2 lks. E. of a Power line, 4 wire, extending N.</p>
	<p>N. 0°01' E., bet. secs. 22 and 23.</p>
	<p>Over level land, through creosote with scattered mesquite and paloverde.</p>
40.03	<p>The 1/4 sec. cor. of secs. 22 and 23, monumented with an iron post, 1 in. diam., firmly set, projecting 16 ins. above ground, encircled with a collar of stone, with brass cap mkd. 1/4 S22 S23 1915.</p>
	<p>Add the mks. T4N R19W 1994 to the cap.</p>
	<p>Cor. is located on level barren ground with scattered creosote.</p> <hr/>
	<p>N. 0°06' E., beginning new measurement.</p>
	<p>Over level land, through creosote with scattered mesquite and paloverde.</p>
40.07	<p>The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above ground, with a mound of stone, 3 ft x 2 ft. to W., with brass cap mkd. T4N R19 S14 S15 S22 S23 1915.</p>
	<p>Add the mks. W 1994 to the cap.</p>
	<p>Cor. is located in a barbed wire fence, 4 strand, bears E. and W.</p> <hr/>
	<p>From the cor. of secs. 22, 23, 26 and 27.</p>
	<p>N. 89°53' W., bet. secs. 22 and 27.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Over level land, through creosote with scattered mesquite and paloverde.
36.31	Point for AP1, hereinafter described.
40.01	<p>The 1/4 sec. cor. of secs. 22 and 27, monumented with an Arizona Department of Transportation brass cap, set flush in concrete, in a cylinder, with iron lid, mkd. SURVEY, firmly set, 6 ins. below Plymouth Road with cap mkd. A.D.O.T. HIGHWAY DIV. 19. This is accepted as the best available evidence of the original cor.</p> <p>Not monumented.</p> <p>Cor. is located in the center of Plymouth Road, paved, 54 lks. wide bears N. and S., 30 lks. W. of a chain link fence bears N. and S. and 35 lks. E. of a power line, 3 strand, bears N. and S.</p>
	<p>From the 1/4 sec. cor. of secs. 21 and 22, monumented with an Arizona Department of Transportation brass cap, set flush in concrete, in a cylinder, with iron cover, mkd. SURVEY, firmly set, 6 ins. below Arizona State Highway No. 95, with cap mkd. A.D.O.T. HIGHWAY DIV. 19, from which the remaining reference monument reported in 1964-67</p>
	<p>A concrete filled open iron pipe, 1 in. diam., firmly set, projecting 1 in. above ground, for a reference monument, bears N. 89°55' W., 50 ft. dist., with cap mkd. LS4686.</p>
	<p>Cor. is located in the center of Arizona State Highway No. 95, paved, 54 lks. wide, bears N. and S., with power lines parallelling the highway and 98 lks. S. of the center of a bridge over a wash, 105 lks. wide, 15 ft. deep, drains W.</p>
	N. 0°03' E., bet. secs. 21 and 22.
	Along Arizona Highway No. 95.
39.99	<p>The cor. of secs. 15, 16, 21 and 22, monumented with a brass cap, in concrete, in a cylinder, with iron lid, firmly set, 6 ins. below Arizona Highway No. 95, with cap mkd. T4N R19W S16 S15 S21 S22 1915.</p> <p>Add the mks. 1994 to the cap.</p> <p>Cor. is located in the center of Arizona State Highway No. 95, paved, 54 lks. wide, bears N. and S., with power lines parallelling the highway.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 14, 15, 22 and 23.</p> <p>N. 89°57' W., bet. secs. 15 and 22.</p> <p>Over level land, through creosote with scattered mesquite and paloverde.</p>
40.04	<p>Point for the 1/4 sec. cor. of secs. 15 and 22, at proportionate dist; there is no remaining evidence of the original cor.</p> <p>Set a railroad spike, flush with the pavement of Plymouth Road.</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears S. 42°38' E., 70.9 ft. dist., with cap mkd. T4N R19W RM S22 1/4 70.9 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 21 ins. in the ground, for a reference monument, bears S. 44°44' W., 98.1 ft. dist., with cap mkd. T4N R19W RM S22 1/4 98.1 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located in the center of Plymouth Road, paved, 54 lks. wide bears N. and S. and 15 lks. S. of a cattle guard.</p>
60.06	<p>Point for the W. 1/16 sec. cor. of secs. 15 and 22, occupied with a rebar of unknown origin, firmly set, projecting 3 ins. above ground.</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;">T4N R19W S15 W 1/16 — S22 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Deposit the rebar inside the stainless steel post.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	
80.08	<p>Cor. is located in a barbed wire fence, 4 wire, bears N. and S.</p> <p>The cor. of secs. 15, 16, 21 and 22.</p>
	<hr/> <p style="text-align: center;">Subdivision of Section 22 T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona</p> <hr/>
8.12	<p>From the 1/4 sec. cor. of secs. 22 and 27.</p> <p>N. 0°02' E., on the N. and S. centerline of sec. 22.</p> <p>Along Plymouth Road.</p> <p>Point for AP3, hereinafter described.</p>
40.02	<p>Point for the center 1/4 sec. cor. of sec. 22, at intersection with the E. and W. centerline of sec. 22.</p> <p>Set a railroad spike, flush with the pavement of Plymouth Road.</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears N. 37°10' E., 77.2 ft. dist., with cap mkd. T4N R19W RM S22 C1/4 77.2 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 21 ins. in the ground, for a reference monument, bears N. 45°16' W., 84.2 ft. dist., with cap mkd. T4N R19W RM S22 C1/4 84.2 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p>
80.05	<p>Cor. is located in the center of Plymouth Road, Paved, 54 lks. wide bears N. and S. and in the projection of the N. edge of Quail Trail Road, bears W.</p> <p>The 1/4 sec. cor. of secs. 15 and 22.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 22 and 23.</p> <p>N. 89°54' W., on the E. and W. centerline of sec. 22.</p>

Subdivision of Section 22  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	
	Over level land, through creosote with scattered mesquite and paloverde.
40.00	The center 1/4 sec. cor. of sec. 22.
60.03	<p>The center W. 1/16 sec. cor. of sec. 22, established by L.A. Cornejo, LS 4686, monumented with an open end iron pipe, 1/2 in. diam., firmly set, flush with ground, with a rebar of unknown origin, 1/2 in. diam., firmly set, flush with ground alongside, with the unreadable remnants of a plastic cap. This is accepted as a careful and faithful determination of the cor.</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, encircled with a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T4N R19W W 1/16 C—C S22 1994</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Deposit the iron pipe and rebar inside the stainless steel post.</p> <p>Cor. is located 4 lks. E. of a cor. of chain link fences, extending N. and W. and 22 lks. N. of Quail Trail Road, paved, 30 lks. wide, bears E. and W.</p> <hr/> <p>N. 89°54' E., beginning new measurement.</p>
20.03	<p>The 1/4 sec. cor. of secs. 21 and 22.</p> <hr/> <p style="text-align: center;">NW 1/4 of Section 22</p> <hr/> <p>From the center W. 1/16 sec. cor. of sec. 22.</p> <p>N. 0°02' E., on the N. and S. centerline of the NW 1/4 of sec. 22.</p>



Subdivision of Section 22  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>40.01      The W. 1/16 sec. cor. of secs. 15 and 22.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Section 22 T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the point for AP1 on the line bet. secs. 22 and 27.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T4N R19W AP1   S22 ----- S27 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point the 1/4 sec. cor. of secs. 22 and 27, bears N. 89°53' W., 3.70 chs. dist., hereinbefore described.</p> <p>Cor. is located 2 lks. N. of a barbed wire fence, 5 strand, bears E. and W.</p> <p>N. 0°02' E., on line 1-2.</p> <p>Over level land, through creosote with scattered mesquite and paloverde.</p>
8.12	<p>Point for AP2.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T4N R19W AP2   S22 ----- 1994</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°53' W., on line 2-3.</p>

Metes-and-Bounds Survey in Section 22  
T. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>Over level land, through creosote with scattered mesquite and paloverde.</p> <p>3.70 Point for AP3 on the N. and S. centerline of sec. 22.</p> <p>Set a railroad spike, flush with the pavement of Plymouth Road. from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears N. 70°21' E., 51.4 ft. dist., with cap mkd. T4N R19W RM S22 AP3 51.4 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 21 ins. in the ground, for a reference monument, bears S. 46°02' E., 67.3 ft. dist., with cap mkd. T4N R19W RM AP3 S22 67.3 FT TO COR 1994, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point the 1/4 sec. cor. of secs. 22 and 27, bears S. 0°02' W., 8.12 chs. dist., hereinbefore described.</p> <p>Cor. is located in the center of Plymouth Road, 54 lks. wide bears N. and S.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>This survey is located in the town of Quartzsite Arizona. The elevation averages around 900 feet above sea level.</p> <p>Access to the survey area is by way of U.S. Interstate Highway No. 10 and Arizona State Highway No. 95.</p> <p>No minerals were noted in the surveyed area.</p> <p>The soil is a sandy loam. The vegetation consists of paloverde, mesquite, and creosote.</p> <hr/>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

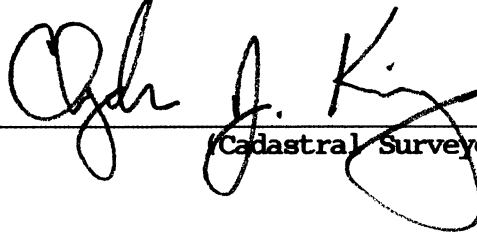
NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician
Lawrence T. Kempe	Surveying Technician

## CERTIFICATE OF SURVEY

I, Clyde J. King, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 7th day of November, 1994, I have dependently resurveyed a portion of the subdivisional lines, and subdivided section 22 and executed a metes-and-bounds survey in Township 4 North, Range 19 West, 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.

11-23-94

(Date)



(Cadastral Surveyor)

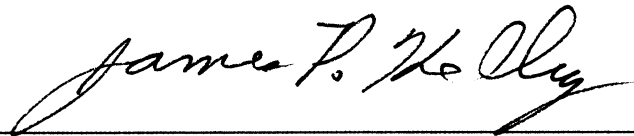
## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 22 and a metes-and-bounds survey in Township 4 North, Range 19 West, Gila and Salt River Meridian, Arizona, executed by Clyde J. King, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 30 1994

(Date)



(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. 4 N., R. 19 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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