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### **ORIGINAL**

UNITED STATES

DEPARIMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

#### FIELD NOTES

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	DEPENI	ENT RESURVEY	OF A PORT	ION OF	THE	•		
		SUBDIVIS	IONAL LINE	ES				
		AND THE S	JRVEY OF T	THE				
	SUBDIV	ISIONS AND M	ETES-AND-E	BOUNDS S	SURVEYS			
		IN SEX	CTION 8	•				
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In the State of	Arizona	<del></del>		•				<del></del>
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Duane R. Gard	outte, Cadast	ral Surveyor		•		•		٠
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Under special i	nstructions d	lated Novembo			approved		ber 8,	1985
	whic	th provided fo	or the gur	crove in	aludad u	ndor Gr	orm Num	
674 and		nstructions o					985	
	Survey o	commenced <u>Nov</u>	vember 12		<b>,</b> 1985			

Survey completed November 27 , 1985

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#### INDEX DIAGRAM

TOWNSHIP 1 NORTH , RANGE 7 EAST

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Subdivision of section 8 ---- pp. 8-9
Metes and bounds Survey ---- pp 9-10

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T 1 N, R 7 E, Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the survey of the subdivisions and metes—and—bounds surveys in section 8, Township 1 North, Range 7 East, Gila and Salt River Meridian, Arizona.

The south and west township boundaries were resurveyed and the north and east township boundaries and subdivisional lines were surveyed by Sidney E. Blout, U.S. Cadastral Engineer, in 1921. A portion of the west township boundary and the line between sections 18 and 19 were resurveyed by Dennis K. McKay, Cadastral Surveyor, in 1983.

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 8, 1985, for Group No. 674, Arizona.

Preliminary to the resurvey the lines of the original survey were retraced and a search was made for all corners and other calls of the record. The original ½ sec. cor. of sections 7 and 8 was recovered in good condition and collateral evidence was used in restoration of other obliterated corners which required no remonumentation. The retracement data was thoroughly verified and only the true line field notes are given herein.

The directions of lines were determined by hour angle and altitude observations on the sun and by sustained angulation and refer to the true meridian. Distance and angles were measured with a Zeiss Elta 46 Total Station.

The geographic position of the southeast corner of section 8, as determined by a traverse tie to U.S.G.S. "USERY 1935", is as follows:

Latitude: 33°26'12.63" N Longitude 111°38'57.35" W

The mean magnetic declination, as shown on U.S.G.S. quadrangle map "BUCKHORN, ARIZ.," 7.5 minute series, prepared in 1956, and photorevised in 1973, is  $13\frac{1}{2}^{\circ}$  E.

Dependent Resurvey, a Portion of the Subdivisional Lines T 1 N, R 7 E, Gila and Salt River Mer., Arizona.

Restoring the Survey executed by Sidney E. Blout, in 1921

Beginning at the cor. of secs. 8, 9, 16 and 17, recovered by Myron G. Jasmann, Land Surveyor No. 7140, in 1973 and subsequently perpetuated by the Maricopa County Highway Department, in 1977. The M.C.H.D. found the original monument bent over and installed an unmarked brass cap, 3 ins. diam., in hand hole, 6 ins. below the center of Brown Road, pavement is 28 ft. wide, bearing E and W.

Cor. point not remonumented.

CHAINS	N 0°08.5' E, bet. secs. 8 and 9.
	Over level land.
0.61	Right-of-way fence of M.C.H.D., extends W and E, 9 lks. dist. to fence cor., from which fences extend E, W and Nly.
6.65	Fence, extends N 73½°W and S 73½°E, 1½1ks. dist. to fence cor., from which fences extend S 38°E, S and N 73¾°W.
6.66	The witness point on line bet. secs. 8 and 9, on the northerly flood control right-of-way line, established by Myron G. Jasmann, Land Surveyor No. 7140, in 1973, monumented with a rebar, 5/8 in. diam., firmly set and exposed 2 ins. above ground with attached metal tag mkd. 7140.
39.44	Power line, bears S 89¾° E and N 89¾° W.
40.015	The ½ sec. cor. of secs. 8 and 9, recovered by Myron G. Jasmann, Land Surveyor No. 7140, in 1973, and subsequently perpetuated by Richard D. Cook, Land Surveyor No. 11890, in 1982. M. Jasmann found the original monument bent over and set and used a ½ in. diam. rebar. R. Cook found 5/8 in. diam. rebar 6 ins. below ground and flange of the original monument 28 ins. below ground and set a brass cap, 2½ ins. diam., in a concrete cylinder, 8 ins. diam., with top mkd.
	S8 S9
	1982 LS 11890
	The monument set in 1982 found 6 ins. below the surface of a bladed strip, 40 ft. wide, bearing N.
	from which
	A power pole, bears S $70\frac{1}{2}^{\circ}$ E, $174\frac{1}{2}$ lks. dist.
	A fire hydrant, bears S 88¾° W, 57½ lks. dist., mkd. XBO.
	N 0°11' E, beginning new measurement.
	Over level land, along bladed strip.
8.80	Bush Highway (abandoned), 45 lks. wide, bears N 51¾°E and S 51¾°W.
39.995	The cor. of secs. 4, 5, 8 and 9, monumented with a rebar, $\frac{3}{4}$ ins. diam., set 2 ins. below the center of McKellips Road, pavement is 28 ft. wide, bearing E and W. The Maricopa County Highway Department recovered a rebar, $3/8$ in. diam., and set $5/8$ in. diam. rebars N and S for reference monuments (date of recovery unknown). Richard D. Cook, Land Surveyor No. 11890, also recognized this position as the cor. in 1982 and it is harmoniously related with identified existing cors. in the area, and is accepted as the best available evidence of the original cor. position. The reference monuments established by the M.C.H.D. were not recoverable.
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	T 1 N, R 7 E, Gila and Salt River Mer., Arizona	
CHAINS		
	Cor. point not remonumented.	
	from which	
	An aluminum finned post, 36 ins. long, ¾ in. diam., set 35 ins. in the ground for a reference monument, bears N 30° E, 79.2 ft. dist., with cap mkd. RM T 1 N R 7 E S4 79.2 FT TO COR 1985 and an arrow pointing to the cor. Set a steel fence post near the RM.	
	A fire hydrant, bears S 30° W, 79.2 ft. dist., mkd. XBO.	
	From the cor. of secs. 8, 9, 16 and 17.	
	N 89°52' W, bet. secs. 8 and 17.	
	Over level land, along Brown Road.	
18.85	Central Arizona Project Canal, 160 lks. wide, flows S 57% E.	
40.12	The ½ sec. cor. of secs. 8 and 17, recovered by Myron G. Jasmann, Land Surveyor No. 7140, in 1973 and subsequently perpetuated by the Maricopa County Highway Department, in 1977. The M.C.H.D. found the original monument bent over and installed an unmarked brass cap, 3 ins. diam., in hand hole, 6 ins. below the center of Brown Road, pavement is 28 ft. wide, bearing E and W.	
	Cor. point not remonumented.	
	N 89°53' W., beginning new measurement.	
	Over level land, along Brown Road.	
0.75	Power line, bears N 34° E and S 34° W.	
40.105	The cor. of secs. 7, 8, 17 and 18, recovered by Myron G. Jasmann, Land Surveyor No. 7140, in 1973 and subsequently perpetuated by the Maricopa County Highway Department, in 1977. The M.C.H.D. found the original monument bent over and installed an unmarked brass cap, 3 ins. diam., in hand hole, 6 ins. below the center of Brown Road, pavement is 28 ft. wide, bearing E and W.  Cor. point not remonumented.	
	N 0°16.5' E, bet. secs. 7 and 8.	
	Over level land.	
40.01	The 1/4 sec. cor. of secs. 7 and 8, recovered by Myron G. Jasmann, Land Surveyor No. 7140, in 1973, and subsequently perpetuated by Richard D. Cook, Land Surveyor No. 11890, in 1982. R. Cook found the original monument exposed 6 ins. and brass cap mkd.	

CHAINS	1 1 N, K / H, Glid dikt balt Kivel Felt., Milzent
	1/4 S7 S8 1921
	The original monument was reset in concrete cylinder, 6 ins. diam., by R. Cook and found firmly set and exposed 10 ins. above ground.
	N 0°16.5' E, beginning new measurement.
	Over level land.
15.095	The witness point on line bet. secs. 7 and 8, on the southerly right-of-way line of the Central Arizona Project Canal, established by person(s) unknown and monumented with a rebar, 3/8 in. diam., 17 ins. long, set 6 ins. below ground, and it is accepted as a careful and faithful determination of the position of the section line at intersection with the right-of-way.
	At the intersection point
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, over the rebar, with brass cap mkd.
;	WP S7 S8 1985
	Deposit a magnet in a $1 \times 1 \times 2$ 5/8 in. white colored plastic case beneath the stainless steel post.
15.11	Right-of-way fence of Central Arizona Project Canal, extends S $45\frac{1}{2}^{\circ}$ E and N $45\frac{1}{2}^{\circ}$ W.
15.64	Power line, bears S 45½° E and N 45½° W.
17.70	Central Arizona Project Canal, 160 lks. wide, flows S $45\frac{1}{2}^{\circ}$ E.
19.63	Right-of-way fence of Central Arizona Project Canal, extends S $45\frac{1}{2}^{\circ}$ E and N $45\frac{1}{2}^{\circ}$ W.
19.65	Point for a witness point on line bet. secs. 7 and 8, on the northerly right-of-way line of the Central Arizona Project Canal.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	WP S7 S8 1985
	Deposit a magnet in a $1 \times 1 \times 2$ 5/8 in. white colored plastic case beneath the stainless steel post.
21.85	Spook Hill Dam, 20 lks. wide, bears SE and NW.
39.16	Right-of-way fence of M.C.H.D., extends E and W.

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Dependent Resurvey, a Portion of the Subdivisional Lines T 1 N, R 7 E, Gila and Salt River Mer., Arizona

CHAINS

40.00

The cor. of secs. 5, 6, 7 and 8, monumented with an open end pipe, 1 in. diam., set flush at the intersection of McKellips Road, pavement is 28 ft. wide, bearing E and W and Sossman Road (76th street), bearing N. The Maricopa County Highway Department found the original monument and set 5/8 in. diam. rebars N and S for reference monuments (date of recovery unknown). Myron G. Jasmann, Land Surveyor No. 7140, in 1973, Richard D. Cook, Land Surveyor No. 11890, in 1982, and John E. Courtney, Land Surveyor No. 12216, in 1985, also recognized this position as the cor. and it is harmoniously related with identified existing cors. in the area, and is accepted as the best available evidence of the original cor. position. The reference monuments established by the M.C.H.D. were not recoverable.

Cor. point not remonumented.

from which

An aluminum finned post, 20 ins. long, ¾ in. diam., set 18 ins. in the ground, for a reference monument, bears S 45° W, 77.5 ft. dist., with cap mkd. RM T 1 N R 7 E S 7 77.5 FT. TO COR 1985 and an arrow pointing to the cor.

The reference monument is located on the N side of fence, extending E and W.

An aluminum finned post, 26 ins. long,  $\frac{3}{4}$  in. diam., set 24 ins. in the ground, for a reference monument, bears N  $31\frac{1}{4}^{\circ}$  W, 76.0 ft. dist., with cap mkd. RM T 1 N R 7 E S 6 76.0 FT TO COR 1985 and an arrow pointing to the cor.

The reference monument is located near fence cor., from which fences extend N and W.

A fence cor. bears S 45% E, 1.20 chs. dist., from which fences extend S 45% E and W.

From this same cor. U.S.G.S. triangulation station "USERY 1935," bears N 24°27.5' E (forward bearing), 296.70 chs. dist., a U.S.G.S. BM, set in a granite rock, 12 ins. square.

From the cor. of secs. 4, 5, 8 and 9.

N 89°53' W., bet. sec. 5 and 8.

Over level land, along McKellips Road.

40.005

The ½ sec. cor of secs. 5 and 8, monumented with a rebar, ½ in. diam., set flush in the center of McKellips Road, pavement is 28 ft. wide, bearing E and W. The Maricopa County Highway Department found the original monument and set 5/8 in. diam. rebars N and S for reference monuments (date of recovery unknown). Myron G. Jasmann, Land Surveyor No. 7140, in 1973, Richard D. Cook, Land Surveyor No. 11890, in 1982, and John E. Courtney, Land Surveyor No. 12216, in 1985, also recognized this position as the cor. The reference monuments established by the M.C.H.D. were recovered and verified the original cor. position.

·							
CHAINS							
	Cor. point not remonumented.						
	from which the reference monuments established by the M.C.H.D.						
	A rebar, 5/8 in. diam., firmly set and exposed 3 ins., bears S 0°10' E, 70.1 ft. dist.						
	A rebar, 5/8 in. diam. firmly set and exposed 5 ins., bears N 0°10' W, 69.9 ft. dist.						
	and a monument established by J. Courtney						
	A rebar, ½ in. diam., firmly set and exposed 3 ins., with plastic cap mkd. LS 12216, bears N 0°08' E, 65.0 ft. dist.						
	and new monuments						
	An aluminum finned post, 36 ins. long, ¾ in. diam., set 35 ins. in the ground, for a reference monument, bears S 45° E, 99.0 ft. dist., with cap mkd. RM T 1 N R 7 E S 8 ¼ 99.0 FT TO COR 1985 and an arrow pointing to the cor. Set a steel fence post alongside the RM.						
	An aluminum finned post, 36 ins. long, 3/4 in. diam., set 35 ins. in the ground, for a reference monument, bears S 45° W, 99.0 ft. dist., with cap mkd. RM T 1 N R 7 E S 8 1/4 99.0 FT TO COR 1985 and an arrow pointing to the cor. Set a steel fence post alongside the RM.						
	N 89°52.5' W, beginning new measurement.						
	Over level land, along McKellips Road.						
20.40	Power line, bears N ½°E, and S ½°W.						
40.05	The cor. of secs. 5, 6, 7 and 8.						
	Subdivision of Section 8, T 1 N, R 7 E, Gila and Salt River Mer., Arizona						
	From the 4 sec. cor. of secs. 8 and 17.						
	N 0°14.5' E, on the N and S center line of sec. 8.						
15.90	Right-of-way fence of Central Arizona Project Canal, extends S $45\frac{1}{2}^{\circ}$ E and N $45\frac{1}{2}^{\circ}$ W.						
18.50	Central Arizona Project Canal, 160 lks. wide, flows S $45\frac{1}{2}^{\circ}$ E.						
20.40	Right-of-way fence of Central Arizona Project Canal, extends S 45½°E and N 45½°W.						
21.70	Spook Hill Dam, 20 lks. wide, bears SE and NW.						
39.42	Power line, bears S 89¾°E and N 89¾°W., soon N.						

#### Subdivision of Section 8, T 1 N, R 7 E, Gila and Salt River Mer., Arizona

	Gila and Salt River Mer., Arizona						
CHAINS							
40.005	The center 4 sec. cor. of sec. 8, established by person(s) unknown and monumented with a rebar, 5/8 in. diam., 18 ins. long, set 6 ins. below ground. Myron G. Jasmann, Land Surveyor No. 7140, in 1973, recognized this position as the cor. and it is accepted as a careful and faithful determination of the position of the cor.						
	At the corner point						
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, over the rebar, with brass cap mkd.						
	TIN R7E C ½ S8 1985						
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. white colored plastic case beneath the stainless steel post.						
	Cor. is located in a fence extending E and W, 2 lks. dist. to fence cor., from which fences extend E and N.						
	From this cor., Usery Pass Reservior (circular tank), bears S 70½° E, 9.35 chs. dist.						
	N 0°14.5' E, beginning new measurement, on the N and S center line of sec. 8.						
	Along fence.						
1.27	Fence cor., from which fences extend S and N 45% W.						
1.288	Point for a witness point on the N and S center line of sec. 8, on the northerly flood control right-of-way line.						
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.						
	WP C						
	sl8 C						
	1985						
	Deposit a magnet in a 1 x 1 x 2 5/8 in white colored plastic case beneath the stainless steel post.						
40.00	The 1/4 sec. cor. of secs. 5 and 8.						
	From the $\frac{1}{4}$ sec. cor. of secs. 8 and 9.						
	N 89°53' W, on the E and W center line of sec. 8.						
11.00	Bush Highway (abandoned), 45 lks. wide, bears N 51¾° E, and S 51¾° W.						
39.065	The witness point on the E and W center line of sec. 8, on the northerly flood control right-of-way line, established by Myron G. Jasmann, Land Surveyor No. 7140, in 1973, monumented with a rebar, 5/8 ins. diam., firmly set and exposed 1 in. above ground, with attached metal tag mkd. 7140.						
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## Subdivision of Section 8, T 1 N, R 7 E, Gila and Salt River Mer., Arizona

<del>- p</del>	
CHAINS	
	This point is located near N side of fence cor., from which fences extend S $45\frac{3}{4}^{\circ}$ E and W.
40.05	The center 4 sec. cor. of sec. 8.
	N 89°52.5' W, beginning new measurement, on the E and W center line of sec. 8.
0.62	Power line, bears N and S.
18.50	Spook Hill Dam, 20 lks. wide, bears SE and NW.
20.005	Point for a witness point on the E and W center line of sec. 8, on the northerly right-of-way line of the Central Arizona Project Canal.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	₩P
	C ———— C S8 1985
	Deposit a magnet in a $1 \times 1 \times 2 = 5/8$ in white colored plastic case beneath the stainless steel post.
	From this point, a witness point on line bet. secs. 7 and 8, on the northerly right-of-way line of the Central Arizona Project Canal, bears N 45°24.5' W, 28.05 chs. dist., hereinbefore described.
20.025	Right-of-way fence of Central Arizona Project Canal, extends S $45\frac{1}{2}^{\circ}$ E and N $45\frac{1}{2}^{\circ}$ W.
21.90	Central Arizona Project Canal, 160 lks. wide, flows S 45½° E.
24.13	Power line, bears S 45½° E and N 45½° W.
24.63	Right-of-way fence of Central Arizona Project Canal, extends S $45\frac{1}{2}$ ° E and N $45\frac{1}{2}$ ° W.
24.655	The witness point on the E and W center line of sec. 8, on the southerly right-of-way line of the Central Arizona Project Canal, established by Richard N. Cook, Land Surveyor No 11890, in 1982 and monumented with a brass cap, 2½ ins. diam., in a concrete cylinder, 12 ins. diam., with top mkd. CITY OF MESA LS 11890 is found 12 ins. below ground, and it is accepted as a careful and faithful determination of the position of the E and W center line of sec. 8 at intersection with the right-of-way.
	Point not remonumented.
	From this point, a witness point on line bet. secs. 7 and 8, on the southerly right-of-way line of the Central Arizona Project Canal, bears N 45°24.5' W, 21.55 chs. dist., hereinbefore described.
40.075	

Survey of the Northerly Flood Control Right-of-Way Line in the Northwest 4 of Section 8 TlN, R7 E, Gila and Salt River Mer., Arizona

	TIN, N / D, CIII MM Bail Mivel Melv,
CHAINS	
	From the witness point on the N and S center line of sec. 8, on the northerly flood control right-of-way line, hereinbefore described.
	N 45°47.5' W, on the northerly flood control right-of-way line, along fence.
28.35	Power line, bears N and S, soon S $45\frac{3}{4}^{\circ}$ E.
31.67	Point for a witness point on the northerly flood control right-of-way line.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	W₽
	s8 1985
	Deposit a magnet in a $1 \times 1 \times 2$ 5/8 in. white colored plastic case beneath the stainless steel post.
	The point is located in a fence, extending S $45\frac{3}{4}^{\circ}$ E, and N $45\frac{3}{4}^{\circ}$ W.
54.445	Fence cor., from which fences extend S $45\frac{3}{4}^{\circ}$ E and W.
55.645	The cor. of secs. 5, 6, 7 and 8.
	GENERAL DESCRIPTION
	Section 8, Township 1 North, Range 7 East, is located about 10 miles easterly of Mesa and about 6 miles westerly of Apache Junction.
	The NW corner of section 8 is located on McKellips Road, 1 mile east of Bush Highway. McKellips Road, paved, is along the north boundary of section 8 and Brown Road, paved, is along the south boundary.
	The Central Arizona Project Canal crosses near the NW corner of section 8 and the SE corner of section 8.
	The elevation ranges from about 1520 feet to 1660 feet above sea level. The soil is sandy and covered with scattering palo verde and creosote.
	No mining activity was noted.

# UNITES STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASS	SISTANTS
NAMES	CAPACITY
Timothy J. Moore	Surveying Technician
Luke B. Granger	Surveying Technician
Robert M. Charboneau	Surveying Aid
Gary G. Glintenkamp	Surveying Aid
·	· · · · · · · · · · · · · · · · · · ·

#### CERTIFICATE OF SURVEY

I, Duane R. Garoutte, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 8th day of November, 1985, I have dependently resurveyed a portion of the subdivisional lines and surveyed the subdivisions and metes—and—bounds surveys in section 8, Township 1 North, Range 7 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

Ouare R. Garoutto (Cadastral Surveyor)
(Cadastral Surveyor)
TE OF APPROVAL
Arizona State Office Bureau of Land Management Phoenix, Arizona
ndent resurvey of a portion of the subdivisions and metes-and-bounds h, Range 7 East, Gila and Salt River. Garoutte, Cadastral Surveyor, having rrect, are hereby approved.

(Chief Cadastral Surveyor of Arizona)

MAR 0 5 1986

(Date)