BOOK 5284

1

### ORIGINAL

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## FIELD NOTES OF THE

DEPENDENT RESURVEY OF	A PORTION OF THE SOUTH BOUNDARY,
AND A PORTION OF	F THE SUBDIVISIONAL LINES,
AND THE SURVEY OF THE	HE SUBDIVISION OF SECTION 33,
AND A METES-AND-BOUND:	S SURVEY IN SECTIONS 28 AND 33,
TOWNSHIP 14	NORTH, RANGE 20 WEST
Of theGila and Salt River	r Meridian,
In the State ofArizona	
1	EXECUTED BY
Stephen J. Malloy,	Cadastral Surveyor,
Under special instructions dated <u>Dece</u>	ember 23, 1986, approved <u>December 23, 1986</u>
, which provided	d for the surveys included under Group Number
684 and assignment instruction	ns dated <u>December 23</u> , 198 <u>6.</u>
Survey commenced	January 13 , 1987
Survey completed	January 31 , 1989

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Subdivision of sec. 33 pp. 10 - 21.

Metes-and-Bounds Survey, sec. 28 pp. 27 - 29. Metes-and-Bounds Survey, sec. 33 pp. 21 - 26.

### T 14 N, R 20 W, Gila and Salt River Mer., Arizona

#### CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, and a survey of the subdivision of section 33, and a metes-and-bounds survey in sections 28 and 33, Township 14 North, Range 20 West, Gila and Salt River Meridian, Arizona.

The north, east, and west boundaries were surveyed by Otis Ross and the south boundary was surveyed by A. Smith, Jr., in 1915-16. The subdivisional lines and meanders of the left bank of the Colorado River within the township were surveyed by Otis Ross and John Gonin in 1915-16. A portion of the subdivisional lines was dependently resurveyed and Tract 37 was surveyed by Paul L. Reeves in 1984. A portion of the south boundary was dependently resurveyed by Stephen J. Malloy in 1986.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 23, 1986, for Group No. 684, Arizona.

This survey covers land adjacent to and under Lake Havasu. Lake Havasu is an artificial body of water created in 1938 by the closure of Parker Dam on the Colorado River. Any reference in these notes to water level is to the present artificial level and not to the ordinary high water mark of the Colorado River.

Certain lines are protracted as surveyed using data from the original survey plat. Lines terminating in the water were not actually surveyed but are shown to provide a basis for lotting and subdivision of sections.

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. All corners needed for this survey were found in good condition except those as noted that are located under the water of Lake Havasu. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by hour angle observations on the sun, confirmed by observations on a U.S. Coast and Geodetic Survey triangulation network, and refer to the true meridian. Distances and angles were measured with a Geodimeter total station instrument.

#### CHAINS

The geographic position of the southeast corner of section 33, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "SITE 6", located in the NW quarter of section 21, T 13 N, R 20 W, is as follows:

NAD 27: Latitude: 34°30'10.38" N Longitude: 114°21'02.59" W

The magnetic declination as taken from quadrangle map "LAKE HAVASU CITY NORTH, ARIZ.", published in 1970 by U.S. Geological Survey, is 14 1/2° E.

Dependent Resurvey of a Portion of the South Boundary, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

Restoring the resurvey executed by Stephen J. Malloy in 1986

Beginning at the cor. of sec. 3, 4, 33 and 34, on the S bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

T14N S33	R20	
S 4 T13		3

from which

A power pole, bears S 11° E, 30 1/2 lks. dist., with a shiner mkd. 1974 40 C102, lines extend N and S.

Added 1987 to the brass cap above 1915

From this point U.S.C. & G.S. triangulation station "SITE 6 1948", bears S 13°06.6' W, 264.665 chs. dist., monumented with a brass disk, 3 ins. diam., set flush in concrete, 14 ins. square.

N 89°58' W, bet. secs. 4 and 33.

Descend over broken W slope, through Lake Havasu City.

40.00

The 1/4 sec. cor. of secs. 4 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

Dependent Resurvey, a Portion of the South Boundary, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

CHAINS	1 14 M, K 20 W, Olld and Sale Kivel Hell, Kilzona
	\$33 1/4 <del></del>
	from which
	A power pole, bears S 13° E, 26 1/2 lks. dist., with a shiner mkd. 5-8-74 DFB 540, lines extend N and S, .
	Added 1987 to the brass cap above 1915.
	Cor. is located 55 lks. W of the center of a paved road, 20 lks. wide, bears N 8° E and S 8° W.
	West, beginning new measurement.
2.645	Point for AP 1, sec. 33 on the E right-of-way line of old State Highway 95, bears N 7°44'52" E and S 7°44'52" W.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N R2OW  S33  AP 1  S 4  T13N R2OW  1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
3.40	Center line of old State Highway 95, bears N 8° E, and S 8° W.
13.73	The witness point of secs. 4 and 33, set in 1986 at the water line of Lake Havasu, edge bears Irregularly N and S, monumented with a stainless steel post, 2 1/2 ins diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.

Dependent Resurvey, a Portion of the South Boundary, T 14 N. R 20 W. Gila and Salt River Mer., Arizona

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	W P
	T14N R20W
	\$33
	S 4
	T13N R20W
	1986
}	A stool forgo most is more the see
	A steel fence post is near the cor.
	<del></del>
	West, on record bearing, continuing measurement.
	word, on record bearing, continuing meabarement.
	Across Lake Havasu.
20.00	Point for the W 1/16 sec. cor. of secs. 4 and 33 is located under
	the water of Lake Havasu.
40.00	Point for the cor. of secs. 4, 5, 32 and 33 at record dist., is
	located under the water of Lake Havasu.
	Dependent Description of the Subdivisional Lines
	Dependent Resurvey, a Portion of the Subdivisional Lines, T 14 N, R 20 W, Gila and Salt River Mer., Arizona
	1 14 N, R 20 W, Gila and Sait Rivel Mel., Allzona
	Restoring the survey by
	Otis Ross and John Gonin Jr., in 1915-16
	From the cor. of secs. 3, 4, 33, and 34, on the S bdy. of the Tp.
	N 00021 II hat 222 224 24
	N 0°03' W, bet. secs. 33 and 34.
	Over rolling land, through Lake Havasu City.
	over forfing rand, through hake havasu city.
40.03	The 1/4 sec. cor. of secs. 33 and 34, monumented with an iron
10.05	post, 1 in. diam., firmly set, projecting 6 ins. above ground,
	with brass cap mkd.
	•
	S33   S34
	1/4   1/4
	1915
-	
	From the point for the cor. of sec. 4, 5, 32 and 33, on the S
	bdy. of the Tp.
	N 0902' W on regard bearing bet sees 22 and 22
j	N 0°02' W, on record bearing, bet. secs. 32 and 33.
	Across Lake Havasu.
	,

Dependent Resurvey, a Portion of the Subdivisional Lines, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
20.00	Point for the S 1/16 sec. cor. of secs. 32 and 33 is located under the water of Lake Havasu.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33 at record dist., is located under the water of Lake Havasu.
60.00	Point for the N 1/16 sec. cor. of secs. 32 and 33 is located under the water of Lake Havasu.
80.00	Point for the cor. of secs. 28, 29, 32, and 33, at record dist., is located under the water of Lake Havasu.
	From the 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.
	\$28
	1/4
	\$33 1915
	A mound of stone, 4 ft. base, 4 ft. high, is NE of cor.
¢.	Cor. is located in a fence cor., with fences extending N and W.
	S 89°59' W, bet. secs. 28 and 33.
	Over rolling desert, along a fence.
20.005	The W 1/16 sec. cor. of secs. 28 and 33, monumented with an iron pipe, 24 ins. long, 1 in. diam., firmly set 14 ins. in the ground, with aluminum cap mkd. UNITED STATES DEPARTMENT OF INTERIOR FISH AND WILDLIFE SERVICE W1/16 28/33 BDY 1980 and lines extending E and W. This position was occupied with an iron pipe in April of 1980, when C. I. Downing and A. L. Platt perpetuated it with the above monument as shown on their Fish and Wildlife Service plat of survey "Havasu NWR", and is accepted as a careful and faithful determination of the corner position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, over the iron pipe, and in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.

Dependent Resurvey, a Portion of the Subdivisional Lines, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

	1 14 N, K 20 W, Gila and Sait River Mer., Arizona
CHAINS	
	T14N R20W  S28 W 1/16  S33  1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	N 89°57' W, on record bearing, beginning new measurement.
	Over rolling desert, through scattered brush.
9.50	Point for AP 1, sec. 28, identical with AP 13, sec. 33, on the E right-of-way line of old State Highway 95, bears S 12°19'33" E and N 12°19'33" W.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T14N R2OW
	S28 AP 1\
	AP 13\ S33
	1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
12.80	Enter Lake Havasu, edge bears irregularly N and S
	Continue on record bearing across Lake Havasu
20.005	Point for the cor. of secs. 28, 29, 32 and 33, at record dist., is located under the water of Lake Havasu.
	N 0°02' W, on record bearing, bet. secs. 28 and 29.

Dependent Resurvey, a Portion of the Subdivisional Lines,

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	Across Lake Havasu.
11.50	Leave Lake Havasu, edge bears generally E and W, enter nearly level land.
40.00	The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.
·	1/4 S29   S28 1915
	N 0°02' W, beginning new measurement.
	Over nearly level desert.
28.20	Intersect center line of old State Highway 95, in a curve, bears generally N and S.
40.03	The cor. of secs. 20, 21, 28, and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.
	T14N R2OW S20   S21
	S29 S28 1915
	Cor. is located 4 lks. E of a fence extending N and S.
	From the 1/4 sec. cor. of secs. 21 and 28, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.
	\$21
	1/4
	1915
	Cor. is located 1.5 lks. NE of a fence extending S and W.
	N 89°59' W, bet. secs. 21 and 28.

Dependent Resurvey, a Portion of the Subdivisional Lines, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
37.09	Point for AP 7, sec. 28, on the E right-of-way line of old State Highway 95, bears N 11°39'57" E and S 11°39'57" W, occupied with an iron post, 2 1/2 ins. diam., projecting 3 ins. above the ground, with brass cap mkd. MOHAVE COUNTY DEPT. ENGR. R/W POSL 1985 RLS 13023. This cor. was established by Derle Devon Walker, LS 13023, in 1985, and is accepted as a careful and faithful determination of the cor. position.
	from which I establish an accessory
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S 45° E, 5 ft. dist., with brass cap mkd. T14N R2OW S28 RM 5.0 FT TO AP7 1987, and an arrow pointing to the cor. Drove a steel fence post alongside the RM.
37.86	The center line of old State Highway 95, bears N 11°39'57" E and S 11°39'57" W, monumented with an aluminum cap, 1 in. diam., firmly set 6 ins. below the road in a survey well, cap mkd. MOHAVE COUNTY CL POSL RLS 13023. This cor. was established by Derle Devon Walker, LS 13023, in 1985.
38.64	The W right-of-way line of old State Highway 95, bears N 11°39'57" E and S 11°39'57" W, monumented with an iron post, 2 1/2 ins. diam., firmly set flush in a mound of stone, 1 ft. base, 3 ins. high, with brass cap mkd. MOHAVE COUNTY DEPT. ENGR. R/W POSL 1985 RLS 13023. This cor. was established by Derle Devon Walker, LS 13023, in 1985.
39.98	The cor. of secs. 20, 21, 28, and 29.
	Subdivision of Section 33, T 14 N, R 20 W, Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 4 and 33, on the S bdy. of the Tp.
	N 0°02' W, on the N and S center line of sec. 33.
	Over nearly level ground, along the westerly edge of a paved road.
20.00	Point for the center S 1/16 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.

	1 14 M, R 20 W, Gila and Sait River Mer., Arizona
CHAINS	
	T14N R20W
	S 1/16   S33
	Ċ 1987
	from which
	A power pole, bears S 3° E, 156 lks. dist., with an unmarked shiner.
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Ascend over broken SW slope through Lake Havasu City.
30.00	The center N-S 1/64 sec. cor. of sec. 33, monumented with an iron pipe, 18 in. long, 1 in. diam., firmly set 26 ins. in the ground. This monument was established by Trico Western Corp. Civil Engineering in 1974, Tract Map 2320 in Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over the iron pipe, with brass cap mkd.
	N-S 1/64   S33 C 1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	From this cor. a monument established by the U.S. Fish and Wildlife Service in April 1980, bears S 14° W, 0.8 lks. dist., monumented with an aluminum post, 3/4 in. diam., firmly set, flush in a mound of stone, 2 ft. base, 6 ins. high, with aluminum cap mkd. S-C-N 1/64 S33 BDY 1980 with lines extending S and E. This monument was set after the 1974 iron pipe and is not utilized in the course of this survey.
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	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
i i	N 0°02' W, beginning new measurement.
	Ascend SW slope through Lake Havasu City.
10.00	The center 1/4 sec. cor. of sec. 33, monumented with a rebar, 18 ins. long, 5/8 in. diam., firmly set 17 ins. in the ground. This monument was established by persons unknown, accepted by Trico Surveyors Inc., as indicated on their unrecorded plat of McCulloch Properties, Inc., File No. 1115 C-20, dated October, 1963 and further accepted by Trico Western Corp. Civil Engineering in 1974, Tract Map 2320 in Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., over the rebar, 24 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N R2OW C 1/4 S33 1987
	from which
	A power pole, bears S 30° E, 9 1/2 lks. dist., with an unmarked shiner.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	N 0°02' W, beginning new measurement.
	Over broken land through Lake Havasu City.
20.00	The center N 1/16 sec. cor. of sec. 33, monumented with a rebar, 18 ins. long, 1/2 in. diam., firmly set 30 ins. in the ground. This monument was established by Trico Western Corp. Civil Engineering in 1974, Tract Map 2333 in Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position.
	At the cor. point

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over the rebar, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N R2OW
	N 1/16 S 333
	1987
	from which
	A power pole, bears S 75° E, 4 1/2 lks. dist., with an unmarked shiner.
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Cor is located 80 lks. E of a wash, 70 lks. wide, drains S 15° W.
40.00	The 1/4 sec. cor. of secs. 28 and 33.
	From the 1/4 sec. cor. of secs. 33 and 34.
	S 89°59' W, on the E and W center line of sec. 33.
	Over nearly level land, through Lake Havasu City
39.99	The center 1/4 sec. cor. of sec. 33.
	West, beginning new measurement.
8.098	Intersect the E right-of-way line of old State Highway 95, in a curve, bears generally SE and NW. This point falls on private land and is not monumented.
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	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
10.00	The center E-W 1/64 sec. cor. of sec. 33, monumented with an iron pipe, 1 in. diam., and a rebar 3/4 in. diam. inside, both 36 ins. long, firmly set 33 ins. in the ground. This monument was established by Trico Western Corp. Civil Engineering, in 1974, Tract map 2320 in Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over the iron pipe and rebar, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	E-W 1/64
	C————C S33
·	1987
	from which
	A power pole, bears N 22° W, 66 lks. dist., with an unmarked shiner.
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	N 89°59' W, on a calculated bearing, beginning new measurement.
10.00	Point for the center W 1/16 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N R20W W 1/16 C————————————————————————————————————
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	Set a steel fence post near the cor.
18.25	Enter Lake Havasu, edge bears irregularly N and SW, thence across Lake Havasu.
30.00	The point for the 1/4 sec. cor. of secs. 32 and 33.
	SW 1/4, Sec. 33
	From the point for the W 1/16 sec. cor. of secs. 4 and 33, on the S bdy. of the Tp.
	N 0°02' W, on the N and S center line of the SW 1/4 of sec. 33.
	Across Lake Havasu
9.50	Leave Lake Havasu, edge bears irregularly E and W.
15.50	Enter Lake Havasu, edge bears irregularly E and W.
20.00	Point for the SW 1/16 sec. cor. of sec. 33, at intersection with the E and W center line of the SW 1/4 of sec. 33, is located under the water of Lake Havasu.
27.95	Leave Lake Havasu, edge bears irregularly E and W
30.00	Point for the center N-SW 1/64 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	S33 C-N-SW 1/64 1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case and a pair of size 3 hiking boots beneath the stainless steel post.
	Set a steel fence post near the cor.

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
40.00	The center W 1/16 sec. cor of sec. 33.
	From the center S 1/16 sec. cor. of sec. 33.
	West, on a calculated bearing, on the E and W center line of the SW $1/4$ of sec. 33.
0.470	Point for a witness point on the E right-of-way line of the old State Highway 95, in a curve, bears generally N and S.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	W P T14N R2OW
	<b>\$33</b>
	s <u> </u>
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
10.00	Point for the center E-SW 1/64 sec. cor. of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	S33
	C-E-SW
	1/64 1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
16.00	Enter Lake Havasu, edge bears irregularly NE and SW, thence across Lake Havasu.
20.00	The point for the SW 1/16 sec. cor of sec. 33.
40.00	The point for the S 1/16 sec. cor of secs. 32 and 33.
	L

CHAINS	1 11 M, K 20 W, SITU UNG BUTC KIVCI NCI., KIIZONG
	From the center E-SW 1/64 sec. cor. of sec. 33.
	N 0°03' W, the N and S center line of the NE 1/4 of the SW 1/4 of sec. 33.
10.01	The NE-SW 1/64 sec. cor. of sec. 33, monumented with a rebar, 18 ins. long, 1/2 in. diam., firmly set 19 ins. in the ground. This monument was established in 1978 by Gordon F. Freudig, LS 5478, of Trico Western Corp. Civil Engineering, as shown on Tract Map 2320 in Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over the rebar, with brass cap mkd.
	\$33
	NE-SW 1/64
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Cor. is located N 30° E, 28 1/2 lks. dist. from a fence cor., fences extend N and E.
	From this cor. a monument established by the U.S. Fish and Wildlife Service in April 1980, bears South, 2.8 lks. dist., monumented with an aluminum post, 3/4 in. diam., firmly set flush in a mound of stone, 2 ft. base, 6 ins. high, with aluminum cap mkd. NE-SW 1/64 S33 BDY 1980 with lines extending N and E. This monument was set after the 1978 rebar and is not utilized in the course of this survey.
	N 0°02' W, beginning new measurement.
	Over rolling desert.
9.995	The center E-W 1/64 sec. cor. of secs. 33
	From the center N-S 1/64 sec. cor. of sec. 33.

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	N 89°57' W, on the E and W center line of the NE 1/4 of the SW 1/4 of sec. 33.
1.230	Point for a witness point on the E right-of-way line of old State Highway 95, in a curve, bears generally NNW and SSE, monumented with a rebar, 18 ins. long, 1/2 in. diam., firmly set 17 ins. in the ground. This monument was established in 1974 by Trico Western Corp. as the SW cor. of Lot 1, as shown on their plat of Tract Map 2320, on file at the Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, over the rebar, with brass cap mkd.
	W P T14N R2OW S33 1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case the stainless steel post.
	Set a steel fence post near the cor.
10.00	The NE-SW 1/64 sec. cor. of sec. 33
	N 89°59' W, beginning new measurement.
10.00	The center N-SW 1/64 sec. cor. of sec. 33
	NW 1/4, Sec. 33
	From the center W 1/16 sec. cor. of sec. 33.
	N 0°02' W, on the N and S center line of the NW 1/4 of sec. 33.
14.877	Point for a witness point on the E right-of-way line of old State Highway 95, bears S 38°35'37" E and N 38°35'37" W.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	W P T14N R2OW S33 W W 1987
i i	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
19.99	Point for the NW 1/16 sec. cor. of sec. 33, at intersection with the E and W center line of the NW 1/4 of sec. 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T14N R2OW NW 1/16 S33 1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
39.98	The W 1/16 sec. cor. of secs. 28 and 33.
	From the center N 1/16 sec. cor. of sec. 33.
	S 89°58' W, on the E and W center line of the NW 1/4 of sec. 33.
10.00	The center E-NW 1/64 sec. cor. of sec. 33, monumented with a rebar, 18 ins. long, 1/2 in. diam., firmly set 30 ins. in the ground. This cor. was established by persons unknown, accepted by Jack Stovall LS 12284 in 1984, and is accepted as a careful and faithful determination of the cor. position.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over the rebar, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	S33 C-E-NW 1/64 1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Cor is located in a N and S fence line.
	N 89°58' W, on a calculated bearing, beginning new measurement.
10.00	The NW 1/16 sec. cor. of sec. 33.
13.077	Point for a witness point on the E right-of-way line of old State Highway 95, bears S 26°15'45" E and N 26°15'45" W.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	W P T14N R2OW
	N————N 1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
15.90	Enter Lake Havasu, edge bears irregularly N and S, thence across Lake Havasu.
21.80	Leave Lake Havasu, edge bears irregularly N and S.
24.55	Enter Lake Havasu, edge bears irregularly NE and SW, thence across Lake Havasu.
30.00	The point for the N 1/16 sec. cor. of secs. 32 and 33.
	From the center E-W 1/64 sec. cor. of sec. 33.

	1 14 M, M 20 W, SIIG GROUP REVEL RELL, ALIZONG
CHAINS	
	N 0°02' W, on the N and S center line of the SE $1/4$ of the NW $1/4$ of sec. 33.
2.352	Point for a witness point on the E right-of-way line of old State Highway 95, in a curve, bears generally SE and NW.
	Set a railroad spike, 7 ins long, flush in asphalt, with top mkd.
	W P S33
	1989
19.99	The center E-NW 1/64 sec. cor. of sec. 33.
	Water and Daniel Grane Gastin 22
	Metes-and-Bounds Survey, Section 33, T 14 N, R 20 W, Gila and Salt River Mer., Arizona.
	From AP 1, sec. 33, on the S bdy. of the Tp., hereinbefore described, which is West, 2.645 chs. dist. from the 1/4 sec. cor.
	of secs. 4 and 33.
	Thence N 7°44'52" E, on line 1-2, sec. 33, along the E right-of-way line of old State Highway 95.
16.40	Point for AP 2, sec. 33, at the point of curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N R2OW
	200 1 000
	AP2 S33
	1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	1

## Metes-and-Bounds Survey, Section 33, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

CHAINS	
	Thence on line 2-3, sec. 33, along the arc of a 8°23'38" circular curve to the left, having a radius of 682.59 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 1°31'51" E, 2.240 chs. dist.
2.244	Point for AP 3, sec. 33 at the point of tangency.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N R20W
	AP3   S33
	1987
	from which
	A power pole, bears S 84° E, 46 lks. dist., with an unmarked shiner.
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence N 4°41'40" W, on line 3-4, sec. 33, along the E right-of-way line of old State Highway 95.
1.458	Point for AP 4, sec. 33, at the point of curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T14N R2OW
	AP4 S33
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.

## Metes-and-Bounds Survey, Section 33, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

	1 14 N, R 20 W, Gila and Sait River Mer., Arizona
CHAINS	
	Thence on line 4-5, sec. 33, along the arc of a 1°05'46" circular curve to the right, having a radius of 5227.55 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 2°20'50" W, 6.488 chs. dist.
0.052	The witness point of sec. 33, on the E and W center line of the SW 1/4 of sec. 33, hereinbefore described, which is West, 0.470 chs. dist. from the center S 1/16 sec. cor. of sec. 33.
6.490	Point for AP 5, sec. 33, at the point of reverse curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T14N R20W
	AP5 S33
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence on line 5-6, sec. 33, along the arc of a 6°44'26" circular curve to the left, having a radius of 850.00 ft., on the E right-of-way line of old State Highway 95, the cord of said arc bears N 19°48'00" W, 8.725 chs. dist.
3.618	The witness point of sec. 33, on the E and W center line of the NE 1/4 of the SW 1/4 of sec. 33, hereinbefore described, which is N 89°57' W, 1.230 chs. dist. from the center N-S 1/64 sec. cor. of sec. 33.
8.901	AP 6, sec. 33, at the point of tangency, monumented with a rebar, 3/4 in. diam., firmly set flush with the ground with plastic cap mkd. LS 14674. This monument was established in 1974 by Paul Pangus, LS 14674, for Trico Western Corp. as shown on Tract Map 2320, in the Mohave County Courthouse, and is accepted as a careful and faithful determination of the cor. position. This position falls on private land and is not remonumented.

## Metes-and-Bounds Survey, Section 33, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

	<u> </u>
CHAINS	
	Thence N 39°35'59" W, on line 6-7, sec. 33, along the E right-of-way line of old State Highway 95.
4.344	Point for AP 7, sec. 33, at the point of curvature, falls on private land and is not monumented.
	Thence on line 7-8, sec. 33, along the arc of a 0°13'35" circular curve to the right, having a radius of 25305.63 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 39°05'48" W, 6.733 chs. dist.
2.605	Intersect the E and W center line of sec. 33, at a point 1.902 chs. dist. East, of the center E-W 1/64 sec. cor. of sec. 33. This position falls on private land and is not monumented.
5.630	The witness point on the N and S center line of the SE 1/4 of the NW 1/4 of sec. 33, hereinbefore described, which is N 0°02' W, 2.352 chs. dist. from the center E-W 1/64 sec. cor. of sec. 33.
6.733	Point for AP 8, sec. 33, at the point of tangency.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T14N R20W
	AP8 S33
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence N 38°35'37" W, on line 8-9, sec. 33, along the E right-of-way line of old State Highway 95.
14.938	The witness point on the N and S center line of the NW 1/4 of sec. 33, hereinbefore described, which is S 0°02'E, 5.113 chs. dist. from the NW 1/16 sec. cor. of sec. 33.
15.273	Point for AP 9, sec. 33, at the point of curvature.

### Metes-and-Bounds Survey, Section 33, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona
CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T14N R20W
	AP9 S33
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the ccr.
	Thence on line 9-10, sec. 33, along the arc of a 12°19'52" circular curve to the right, having a radius of 1224.04 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 32°25'41" W, 3.984 chs. dist.
3.992	Point for AP 10, sec. 33, at the point of tangency.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T14N R20W
	AP10\ S33
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence N 26°15'45" W, on line 10-11, sec. 33, along the E right-of-way line of old State Highway 95.
1.662	The witness point of sec. 33, on the E and W center line of the NW 1/4 of sec. 33, hereinbefore described, which is N 89°58'W, 3.077 chs. dist. from the NW 1/16 sec. cor. of sec. 33.
7.886	Point for AP 11, sec. 33, at the point of curvature.

### Metes-and-Bounds-Survey, Section 33, T 14 N, R 20 W, Gila and Salt River Mer., Arizona

#### **CHAINS**

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T14N R20W AP11 S33

Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.

Set a steel fence post near the cor.

Thence on line 11-12, sec. 33, along the arc of a 4°53'32" circular curve to the right, having a radius of 1171.14 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 19°17'35" W, 4.305 chs. dist.

4.315 | Point for AP 12, sec. 33, at the point of tangency.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T14N R20W
AP12 S33

Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.

Set a steel fence post near the cor.

Thence N 12°19'33" W, on line 12-13, sec. 33, along the E right-of-way line of old State Highway 95.

10.599

AP 13, sec. 33, identical with AP 1, sec. 28, on the line bet. secs. 28 and 33, hereinbefore described, which is N 89°57' W, 9.50 chs. dist. from the W 1/16 sec. cor. of secs. 28 and 33.

## Metes-And-Bounds Survey, Section 28, T 14 N, R 20 W, Gila and Salt River Mer., Arizona.

	1 14 M, M 20 W, Gild and Balt River Mer., Alliona.
CHAINS	
	From AP 1, sec. 28, identical with AP 13, sec. 33, on the line bet. secs. 28 and 33, which is N 89°57' W, 9.50 chs. dist. from the W 1/16 sec. cor. of secs. 28 and 33.
	Thence N 12°19'33" W, on line 1-2, sec. 28, along the E right-of-way line of old State Highway 95.
19.068	Point for AP 2, sec. 28, at the point of curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T14N R2OW
	AP2 \ S28
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence on line 2-3, sec. 28, along the arc of a 0°28'48" circular curve to the left, having a radius of 11938.89 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 13°18'57" W, 6.251 chs. dist.
6.251	Point for AP 3, sec. 28, at the point of reverse curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T14N R2OW
	AP3 \ S28
	1987
	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.

Metes-And-Bounds Survey, Section 28, T 14 N. R 20 W. Gila and Salt River Mer. Arizona

	T 14 N, R 20 W, Gila and Salt River Mer., Arizona.
CHAINS	
	Thence on line 3-4, sec. 28, along the arc of a 8°32'04" circular curve to the right, having a radius of 671.34 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 10°45'03" W, 1.261 chs. dist.
1.262	Point for AP 4, sec. 28, at the point of tangency.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T14N R2OW
	AP4 \ S28
	1987
·	Deposit a magnet in a 1 $\times$ 1 $\times$ 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence N 7°11'45" W, on line 4-5, sec. 28, along the E right-of-way line of old State Highway 95.
37.212	Point for AP 5, sec. 28, at the point of curvature.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	T14N_R2OW
	AP5 S28
	1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	Thence on line 5-6, sec. 28, along the arc of a 5°55'08" circular curve to the right, having a radius of 968.00 ft., on the E right-of-way line of old State Highway 95, the chord of said arc bears N 2°14'06" E, 4.807 chs. dist.

Metes-And-Bounds Survey, Section 28, T 14 N, R 20 W, Gila and Salt River Mer., Arizona.

#### CHAINS

4.828 Point for AP 6, sec. 28, at the point of tangency.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.

Set a steel fence post near the cor.

Thence N 11°39'57" E, on line 6-7, sec. 28, along the E right-of-way line of old State Highway 95.

12.629

AP 7, sec. 28, on the line bet secs. 21 and 28, hereinbefore described, which is S 89°59' E, 2.89 chs. dist. from the cor. of secs. 20, 21, 28, and 29.

### GENERAL DESCRIPTION

The survey is located in and around Lake Havasu City, Arizona. The elevation ranges from about 450 to 600 feet above sea level.

The soil consists of a sandy loam. Vegetation consists of salt cedar along Lake Havasu, with creosote, paloverde, palm trees, and cactus in the remainder of the area.

Arizona State Highway 95 runs north and south about one-half mile east of the work area. Old State Highway 95 passes through the area surveyed.

Lake Havasu, which was created by the closing of Parker Dam in 1938, is a major recreation area that attracts many boaters, water skiers and fishing enthusiasts.

No mining activity was noted.

The mean magnetic declination was determined to be 14 1/2° E.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

### FIELD ASSISTANTS

Surveying Technician
Surveying Technician
Surveying Aid

#### CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 23rd day of December, 1986, I have dependently resurveyed a portion of the south boundary and a portion of the subdivisional lines, and surveyed the subdivision of section 33 and a metes—and—bounds survey in sections 28 and 33 of Township 14 North, Range 20 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.

2/3/89 (Daté)	Styph Malloy (Cadastral Surveyor)
(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 south boundary and a portion of the subdivisional lines, and the survey of the subdivision of section 33, and a metes-and-bounds survey in sections 28 and 33, of Township 14 North, Range 20 West of the Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 2 1989

(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 14 N, R 20 W, Glia and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Chief Cadastral Surveyor of Arizona)