ORIGINAL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

ETET D NOMES

FIELD NOTES	
OF THE	
SURVEY OF	
THE SOUTH BOUNDARY,	
AND	
THE SUBDIVISIONAL LINES,	
TOWNSHIP 36 NORTH, RANGE 22 EAST,	
Of theGila and Salt River Meridian,	
In the State of <u>Arizona</u>	
EXECUTED BY	
Leonard R. Sandoval Cadastral Surveyor	

Under Special Instructions dated and approved <u>February 17, 1998</u>, which provided for the surveys included under Group Number <u>822</u> and assignment instructions dated <u>February 17, 1998</u>.

Survey Commenced September 8, 1998 Survey Completed October 8, 1998

INDEX DIAGRAM

TOWNSHIP <u>36 NORTH</u>, RANGE <u>22 EAST</u>,

GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the south boundary, and the subdivisional lines, Township 36 North, Range 22 East, Gila and Salt River Meridian, Arizona.

The north and east boundaries of the 1882 Executive Order Hopi Indian Reservation were surveyed by Leonard W. Murphy and Paul G. Bauer in 1964. The Ninth Standard Parallel North, (south boundary), Townships 37 North, Ranges 21 and 22 East, and the east and west boundaries of the township were surveyed by Jones Curtiss concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Instructions for the Survey of the Public Lands of the United States, 1973</u>, and the Special Instructions dated February 17, 1998, for Group No. 822, Arizona.

The directions of all lines were determined, and distances measured by the technique of differential positioning using Trimble Navigation 4400 Series Global Positioning System receivers utilizing the Real-Time Kinematic technique.

The geographic position of the southeast corner of the township was determined by the technique of differential positioning using the Ashtech M-Series Geodetic Positioning System. First order National Geodetic Survey triangulation stations "KAYENTA 1951" and "LOHALI 1951" were used as control stations. The geographic position is as follows:

Lat.: 36°28'35.689" N. Long.: 109°55'01.819" W. NAD83(1992)

The mean magnetic declination is 12 1/2° E.

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	CHAINS	
		Beginning at the cor. of Tps. 35 and 36 N., Rs. 22 and 23 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 35 N., R. 23 E., executed concurrently under this same group.
		West, bet. secs. 1 and 36.
		Over rolling and broken land.
	27.50	Main pump shaft of a windmill, bears North, 27.65 chs. dist., unmarked.
	40.00	Point for the 1/4 sec. cor. of secs. 1 and 36.
		Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T36N R22E S36 1/4 —— S 1 T35N 1998
		Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	44.90	Graded road, 15 ft. wide, bears NNE and SSW.
	80.00	Point for the cor. of secs. 1, 2, 35, and 36.
		Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
		T36N R22E S35 S36 S 2 S 1 T35N 1998
		Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
		Cor. is located near top of S. slope of a small ridge, descends E.

CHAINS	Land, rolling and broken. Soil, sandy and gravelly clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses. West, bet. secs. 2 and 35.
	Over broken land on ascent of E. slope of a mesa.
4.25	E. rim of rocky mesa, bears N. and S.; thence over rolling and broken land across mesa and spur ridge.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S35 1/4 — S 2 T35N 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 2, 3, 34, and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S34 S35
	S 3 S 2 T35N 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located near top of NW slope of a spur ridge, bears NE and SW.

CHAINS

Land, rolling and broken.

Soil, sandy and rocky clay with sandstone outcrops.

Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.

West, bet. secs. 3 and 34.

Over rolling and broken land.

36.80 Wash, 30 ft. wide, 5 ft. deep, drains NE.

40.00 Point for the 1/4 sec. cor. of secs. 3 and 34.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S34 1/4 —— S 3 T35N 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

80.00 | Point for the cor. of secs. 3, 4, 33, and 34.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

from which

A juniper, 6 ins. diam., bears S. 83 1/2° W., 93 1/2 lks. dist., mkd. X BT.

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS

From this cor. point, an aluminum disk, 1 1/2 ins. diam., set in concrete filled plastic pipe, 4 ins. diam., firmly set, projecting 3 ins. above ground, bears N. 44°07′ W., 34.975 chs. dist., with top mkd. IHS N1.

Land, rolling and broken. Soil, sandy and rocky clay.

Timber, piñon and juniper; undergrowth, scattered brush and native grasses.

West, bet. secs. 4 and 33.

Over rolling and broken land.

40.00 Point for the 1/4 sec. cor. of secs. 4 and 33.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S33 1/4 —— S 4 T35N 1998

Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

80.00 Point for the cor. of secs. 4, 5, 32, and 33.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

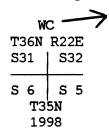
T36N R22E S32 | S33 S 5 | S 4 T35N 1998

Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS	
<i>:</i>	Land, rolling and broken. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	West, bet. secs. 5 and 32.
	Over rolling and broken land across NE slope of Black Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
!	S32 1/4 ——
	S 5 T35N
	1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 8 lks. NW of a forked juniper, 2 ft. diam. at base; unsuitable for marking as a bearing tree.
51.50	E. rim of a canyon, bears NNE and SSW.
51.90	Terminus of a barbed wire fence, 5 strands, bears North, 25.78 chs. dist., approximating the E. bdy. of the 1882 Executive Order Hopi Indian Reservation.
52.40	A piñon, 9 ins. diam., with scribe marks M2481/2 BT visible on partially healed blaze, bears North, 14.00 chs. dist.; which is the 1964 bearing tree to the 248 1/2 mile cor. on the E. bdy. of the 1882 Executive Order Hopi Indian Reservation; the 1964 iron post, 2 1/2 ins. diam., 32 ins. long, with brass cap, mkd. as described in the 1964 field notes, is lying loose near a mound of stone, 4 ft. base, 1 ft. high, bears ESE approximately 48 lks. dist.
80.00	True point for the cor. of secs. 5, 6, 31, and 32, falls on precipitous W. slope of a canyon, where it is impracticable to establish a permanent monument.
	From this cor. point, the point selected for a witness cor. to the cor. of secs. 5, 6, 31, and 32, bears S. 85°05′ W., 0.87 ch. dist.

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.



Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Witness cor. is located atop W. rim of a canyon, bears NNE and SSW.

Land, rolling and broken.

Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.

West, bet. secs. 6 and 31.

Over rugged and broken land, across NE slope of Black Mesa.

40.00 Point for the 1/4 sec. cor. of secs. 6 and 31.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

78.38 The cor. of Tps. 35 and 36 N., Rs. 21 and 22 E., monumented with a stainless steel post, with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 36 N., R. 21 E., executed concurrently under this same group.

Cor. is located on rugged slope below the rim of Black Mesa, just above a sandstone cliff, bears SE and NW.

Survey of the South Boundary,

T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona **CHAINS** Land, rugged and broken. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses. Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., hereinbefore described. N. 0°01' W., bet. secs. 35 and 36. Over broken land across spur of mesa. 38.60 Base of spur of mesa, bears ENE and WSW; thence over rolling land. 40.00 Point for the 1/4 sec. cor. of secs. 35 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E 1/4 S35 | S36 1998 Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 70 lks. S. of an abandoned grade road, 13 ft. wide, bears ESE and WNW. 44.90 Graded road, 25 ft. wide, bears ENE and WSW. 80.00 Point for the cor. of secs. 25, 26, 35, and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E S26 | S25

S36

S35

1998

CHAINS

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Cor. is located on NW edge of a trail road, bears NE and SW, 2.30 chs. S. of a wash, 30 ft. wide, 2 ft. deep, drains ENE.

Land, broken to rolling.

Soil, sandy and gravelly clay.

Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 36 N., R. 23 E., executed concurrently under this same group.

West, bet. secs. 25 and 36.

Over rolling land.

- 7.90 Wash, 15 ft. wide, 4 ft. deep, drains NW.
- 40.00 Point for the 1/4 sec. cor. of secs. 25 and 36.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S25 1/4 —— S36 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

80.00 The cor. of secs. 25, 26, 35, and 36.

Land, rolling. Soil, sandy clay.

No timber; scattered brush and native grasses.

N. 0°01' W., bet. secs. 25 and 26.

Over rolling land.

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
28.57	S. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
30.15	Center of Navajo Route 59, asphalt pavement, 34 ft. wide, bears ENE and WSW.
30.53	A brass tablet, 3 ins. diam., set flush in a concrete collar, 6 ins. diam., firmly set, projecting 5 ins. above ground, bears West, 3.54 chs. dist., with top mkd. B.I.A. ROADS ELEV. 5801.65 1978, witnessed by an angle iron nearby, unmarked.
31.74	N. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	1/4
	S26 S25 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 23, 24, 25, and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	S23 S24
	S26 S25 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling.
	Soil, sandy clay. No timber; scattered brush and native grasses.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

	1. 30 N., R. 22 E., Olla dia balt River Reliation, Inflatia
CHAINS	
	From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the survey of the west boundary, T. 36 N., R. 23 E., executed concurrently under this same group.
	West, bet. secs. 24 and 25.
	Over gently rolling land.
6.75	Navajo Route 594, a graded road, 25 ft. wide, bears N. and S.
38.95	Trail road, bears SSE and NNW.
40.00	Point for the 1/4 sec. cor. of secs. 24 and 25.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 23, 24, 25, and 26.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 23 and 24.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 24.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S23 S24 1998

Survey of the Subdivisional Lines,

T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona **CHAINS** Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. 80.00 Point for the cor. of secs. 13, 14, 23, and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E S14 | S13 S23 **S24** 1998 Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 1.75 chs. W. of a trail road, bears SE and NW. Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses. From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 36 N., R. 23 E., executed concurrently under this same group. West, bet. secs. 13 and 24. Over gently rolling land. 40.00 Point for the 1/4 sec. cor. of secs. 13 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E S13 1/4 ---S24 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Abandoned trail road, bears SE and NW.

69.10

CHAINS	
CHAINS	
80.00	The cor. of secs. 13, 14, 23, and 24.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 13 and 14.
	Over rolling land.
29.70	Barbed wire fence, 5 strands, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	1/4 S14 S13
	1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling land on gradual ascent of S. slope of Sweetwater Mesa.
80.00	Point for the cor. of secs. 11, 12, 13, and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S11 S12
	S14 S13
	1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.40 chs. W. of an abandoned trail road, bears SE and NW, on S. slope of Sweetwater Mesa.

CHAINS	
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 36 N., R. 23 E., executed concurrently under this same group.
	Cor. is located 49 lks. W. of a barbed wire fence, 5 strands, bears NE and SW.
	West, bet. secs. 12 and 13.
	Over rolling land atop Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 12 and 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S12 1/4 —— S13 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 11, 12, 13, and 14.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 11 and 12.
	Over rolling land atop Sweetwater Mesa.
3.50	Trail road, bears SE and NW.
11.85	Trail road, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 12.
	l e e e e e e e e e e e e e e e e e e e

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E 1/4 S11 | S12 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

80.00 | Point for the cor. of secs. 1, 2, 11, and 12.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S 2 | S 1 S11 | S12 1998

Deposit a magnet in a $1 \times 1 \times 2$ ins. white colored plastic case beneath the stainless steel post.

Land, rolling. Soil, sandy clay.

No timber; scattered brush and native grasses.

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the west boundary, T. 36 N., R. 23 E., executed concurrently under this same group.

West, bet. secs. 1 and 12.

Over rolling land atop Sweetwater Mesa.

37.10 Trail road, bears NE and SW.

40.00 Point for the 1/4 sec. cor. of secs. 1 and 12.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS	
	T36N R22E S 1 1/4 — S12 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 1, 2, 11, and 12.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 1 and 2.
	Over rolling land atop Sweetwater Mesa.
26.80	Trail road, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 2.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S 2 S 1
	1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located on E. edge of abandoned trail road, bears NNE and SSW.
61.76	Barbed wire fence, 5 strands, bears E. and W.
79.96	Point for the closing cor. of secs. 1 and 2, at intersection with the Ninth Standard Parallel North, on the N. bdy. of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS

T37N R22E S35 S 2 S 1 T36N R22E CC 1998

Deposit a magnet in a $1 \times 1 \times 2$ ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. cor. of secs. 35 and 36, T. 37 N., R. 22 E., bears East, 21.34 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 35, T. 37 N., R. 22 E., bears West, 18.66 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

Land, rolling.
Soil, sandy clay.
No timber; scattered brush and native grasses.

Point for the 1/4 sec. cor. of sec. 1 only, T. 36 N., R. 22 E., at midpoint on the N. bdy. of sec. 1.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

1/4 S 1 T36N R22E 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS

From this cor. point, the stan. 1/4 sec. cor. of sec. 36, T. 37 N., R. 22 E., bears East, 21.34 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

From this same cor. point, the pump shaft of a windmill, bears S. 1°35′ W., 27.45 chs. dist., unmarked.

From this same cor. point, the stan. cor. of secs. 35 and 36, T. 37 N., R. 22 E., bears West, 18.66 chs. dist.

From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., hereinbefore described.

N. 0°01' W., bet. secs. 34 and 35.

Over rolling and broken land.

- 28.40 Wash, 30 ft. wide, 10 ft. deep, drains SE.
- 40.00 | Point for the 1/4 sec. cor. of secs. 34 and 35.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E 1/4 S34 | S35 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

- 57.65 Wash, 10 ft. wide, 6 ft. deep, drains NNE.
- 73.35 Navajo Route 6520, a graveled road with broken asphalt pavement, 27 ft. wide, bears ENE and WSW.
- 80.00 Point for the cor. of secs. 26, 27, 34, and 35.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS	
	T36N R22E S27 S26
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, sandy and gravelly clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
4 4 5 5	From the cor. of secs. 25, 26, 35, and 36.
	West, bet. secs. 26 and 35.
:	Over rolling and broken land.
16.20	Wash, 75 ft. wide, 20 ft. deep, drains N.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 35.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S26 1/4 — S35 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
49.20	Graded and graveled road, 27 ft. wide, bears NE and SW.
63.00	Navajo Route 6520, a graveled road with broken asphalt pavement, 27 ft. wide, bears ENE and WSW.
80.00	The cor. of secs. 26, 27, 34, and 35.
	Land, rolling and broken. Soil, sandy and gravelly clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
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	T. 36 N., R. 22 E., GITA AND SAIL RIVER METIDIAN, AFTZONA
CHAINS	
	N. 0°01' W., bet. secs. 26 and 27.
	Over rolling and broken land.
3.30	Wash, 50 ft. wide, 5 ft. deep, drains ESE.
12.60	Base of Sweetwater Mesa, bears ENE and WSW, thence ascend over S. slope.
16.20	S. rim of Sweetwater Mesa, bears E. and W.; thence over rolling land atop Sweetwater Mesa.
29.32	A brass tablet, 3 ins. diam., set in a concrete collar, 6 ins. diam., firmly set, projecting 5 ins. above ground, bears East, 1.655 chs. dist., with top mkd. B.I.A. ROADS ELEV 6066.99 1978.
30.82	A brass tablet, 3 ins. diam., set in a concrete collar, 6 ins. diam., firmly set, projecting 6 ins. above ground, bears East, 1.84 chs. dist., with top mkd. B.I.A. ROADS ELEV 6065.99 1978.
31.07	S. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
32.59	Center of Navajo Route 59, asphalt pavement, 40 ft. wide, bears E. and W.
33.83	A brass tablet, 3 ins. diam., set in a concrete collar, 6 ins. diam., firmly set, projecting 6 ins. above ground, bears East, 2.215 chs. dist., with top mkd. B.I.A. ROADS ELEV 6046.55 1978.
34.09	N. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
35.33	A brass tablet, 3 ins. diam., set in a concrete cylinder, 6 ins. diam., firmly set, projecting 6 ins. above ground, bears East, 2.40 chs. dist., with top mkd. B.I.A. ROADS ELEV 6063.23 1978.
40.00	Point for the 1/4 sec. cor. of secs. 26 and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S27 S26 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS	T. 36 N., R. 22 E., Gila and Sait River Meridian, Arizona
Chains	
66.70	NE rim of Sweetwater Mesa, bears E. and W.; thence descend to gently rolling land.
73.40	Base of Sweetwater Mesa, bears ENE and WSW.
80.00	Point for the cor. of secs. 22, 23, 26, and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S22 S23
	S27 S26 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken to gently rolling. Soil, sandy and rocky clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 23, 24, 25, and 26.
	West, bet. secs. 23 and 26.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S23
	1/4 —— S26 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 22, 23, 26, and 27.
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CHAINS

Land, gently rolling.

Soil, sandy clay.

No timber; scattered brush and native grasses.

N. 0°01' W., bet. secs. 22 and 23.

Over gently rolling land along foot of Sweetwater Mesa.

40.00 | Point for the 1/4 sec. cor. of secs. 22 and 23.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E 1/4 S22 | S23 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

80.00 | Point for the cor. of secs. 14, 15, 22, and 23.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S15 | S14 S22 | S23 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Cor. is located 1.30 chs. E. and 1.70 chs. S. of base of Sweetwater Mesa, bears NE and SW.

Land, gently rolling.

Soil, sandy and gravelly clay.

Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.

From the cor. of secs. 13, 14, 23, and 24.

West, bet. secs. 14 and 23.

Over gently rolling land.

	T. 36 N., R. 22 E., Gila and Sait River Meridian, Arizona
CHAINS	
40.00	Point for the 1/4 sec. cor. of secs. 14 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S14 1/4 — S23 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 14, 15, 22, and 23.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. O°O1' W., bet. secs. 14 and 15.
	Over broken land on ascent of E. slope of Sweetwater Mesa.
5.90	E. rim of Sweetwater Mesa, bears NE and SW; thence over gently rolling land atop Sweetwater Mesa.
7.05	Barbed wire fence, 5 strands, bears E. and W.
25.60	Trail road, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S15 S14 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is locate 28 lks. E. of a barbed wire fence, 5 strands, bears NNE and SSW.
48.70	Barbed wire fence, 5 strands, bears NNE and SSW.
	I

CHAING	1. 36 N., R. 22 E., Gila and Sait River Meridian, Arizona
CHAINS	
80.00	Point for the cor. of secs. 10, 11, 14, and 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S10 S11
	S15 S14 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.05 chs. W. of a barbed wire fence, 5 strands, bears NNE and SSW.
	Land, broken to gently rolling. Soil, sandy and rocky clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 11, 12, 13, and 14.
	West, bet. secs. 11 and 14.
	Over rolling land across S. slope of Sweetwater Mesa.
33.10	Trail road, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S11
	1/4 —
	S14
	1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located atop Sweetwater Mesa; thence over gently rolling land atop Sweetwater Mesa.
47.30	Trail road, bears N. and S.
47.80	Trail road, bears NNE and SSW.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	1. 36 N., R. 22 E., Gila and Sait River Meridian, Arizona
50.40	An uncapped iron pipe, 4 ins. diam., firmly set, projecting 7 1/2 ft. above ground, bears South, 1.48 chs. dist., with marks CACTUS DRILLING CORP.#1 NOV.85.15 GE5910 TDI 689 PNA 10.30.65 S14 T36N R22E visible on the side.
80.00	The cor. of secs. 10, 11, 14, and 15.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 10 and 11.
	Over gently rolling land on gradual descent of a spur ridge of Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 10 and 11.
i	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S10 S11 1998
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.39 chs. W. of a barbed wire fence, bears NNE and SSW.
80.00	Point for the cor. of secs. 2, 3, 10, and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 3 S 2
	S10 S11 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sandy and gravelly clay. No timber; scattered brush and native grasses.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

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CHAINS	
	From the cor. of secs. 1, 2, 11, and 12.
	West, bet. secs. 2 and 11.
	Over gently rolling land atop Sweetwater Mesa.
14.05	Trail road, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 11.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 2
	1/4
	S11 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling and broken land on descent from Sweetwater Mesa.
76.23	Barbed wire fence, 5 strands, bears NNE and SSW.
80.00	The cor. of secs. 2, 3, 10, and 11.
	Land, gently rolling to rolling and broken. Soil, sandy and gravelly clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 2 and 3.
	Over rolling and broken land on descent of N. slope of Sweetwater Mesa.
23.89	Barbed wire fence, bears SE and NW.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

T36N R22E 1/4 S 3 | S 2 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Cor. is located 1.00 ch. E. of E. bank of a wash, 50 ft. wide, 8 ft. deep, drains NNW.

79.97

Point for the closing cor. of secs. 2 and 3, at intersection with the Ninth Standard Parallel North, on the N. bdy. of the Tp.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E S34 S 3 S 2 T36N R22E CC 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. cor. of secs. 34 and 35, T. 37 N., R. 22 E., bears East, 21.34 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 34, T. 37 N., R. 22 E., bears West, 18.66 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

Land, rolling and broken. Soil, sandy and gravelly clay. No timber; scattered brush and native grasses.

Point for the 1/4 sec. cor. of sec. 2 only, T. 36 N., R. 22 E., at midpoint on the N. bdy. of sec. 2.

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T37N R22E
	1/4 S 2 T36N R22E 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.00 chs. W. of a trail road, bears NE and SW.
	From this cor. point, the stan. 1/4 sec. cor. of sec. 35, T. 37 N., R. 22 E., bears East, 21.34 chs. dist.
	From this same cor. point, the stan. cor. of secs. 34 and 35, T. 37 N., R. 22 E., bears West, 18.66 chs. dist.
	From the cor. of secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°02' W., bet. secs. 33 and 34.
	Over rolling and broken land.
5.00	Trail road, bears ENE and WSW.
24.50	Wash, 20 ft. wide, 4 ft. deep, drains ENE.
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S33 S34 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located at bottom of small ravine, drains ESE, at base of Sweetwater Mesa; thence ascend the SE slope of Sweetwater Mesa.
52.30	SE rim of Sweetwater Mesa, bears NE and SW; thence over gently rolling land atop Sweetwater Mesa.
1	1

CHAINS	1. 36 N., R. 22 E., GIIA AND SAIT RIVEL MELIDIAN, ALIZONA
CHAINS	
77.25	Barbed wire fence, 5 strands, bears NNE and SSW.
80.00	Point for the cor. of secs. 27, 28, 33, and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S28 S27
	S33 S34 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.37 chs. W. of a barbed wire fence, 5 strands, bears NNE and SSW.
	Land, rolling and broken to gently rolling. Soil, sandy and rocky clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 26, 27, 34, and 35.
	West, bet. secs. 27 and 34.
	Over rolling and broken land.
33.00	Navajo Route 6520, a graded and graveled road, 28 ft. wide, bears NNE and SSW.
33.37	A brass tablet, 3 ins. diam., set in a concrete collar, 6 ins. diam., loosely set, projecting 2 1/2 ft. above ground, bears South, 2.04 chs. dist., with top mkd. B.I.A. ROADS 19.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S27
	1/4 —— S34
	1998
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Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located at foot of E. slope of Sweetwater Mesa, bears NE and SW; thence ascend the E. slope of Sweetwater Mesa.
61.80	E. rim of Sweetwater Mesa, bears N. and S.; thence over gently rolling land atop Sweetwater Mesa.
80.00	The cor. of secs. 27, 28, 33, and 34.
	Land, rolling and broken to gently rolling. Soil, sandy and rocky clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°02' W., bet. secs. 27 and 28.
	Over gently rolling land atop Sweetwater Mesa.
39.59	S. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, bears E. and W.
40.00	Point for the 1/4 sec. cor. of secs. 27 and 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	1/4 S28 S27
	1998
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°00′ E., 45.0 ft. dist., with brass cap mkd. T36N R22E 1/4 S27 RM 45.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°00′ W., 36.9 ft. dist., with brass cap mkd. T36N R22E 1/4 S28 RM 36.9 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post at the 1/4 sec. cor.
	Cor. is located 1.09 chs. S. of center of Navajo Route 59, asphalt pavement, 33 ft. wide, and 2.59 chs. S. of N. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, both bear E. and W.
80.00	Point for the cor. of secs. 21, 22, 27, and 28.
-	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S21 S22
	S28 S27 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sandy and gravelly clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 22, 23, 26, and 27.
	West, bet. secs. 22 and 27.
	Over rolling land.
14.50	Foot of E. slope of Sweetwater Mesa, bears NNE and SSW; thence ascend the E. slope of Sweetwater Mesa.
19.30	E. rim of Sweetwater Mesa, bears NNE and SSW; thence over gently rolling land atop Sweetwater Mesa.
33.40	Graded road, 20 ft. wide, bears NNE and SSW.
34.72	Barbed wire fence, 5 strands, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 22 and 27.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS	
	T36N R22E
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 21, 22, 27, and 28.
	Land, rolling to broken to gently rolling. Soil, sandy and rocky clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°02' W., bet. secs. 21 and 22.
	Over rolling land atop Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S21 S22 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 15, 16, 21, and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S16 S15 ————————————————————————————————————
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sandy and gravelly clay. Timber, sparse juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 14, 15, 22, and 23.
	West, bet. secs. 15 and 22.
	Over broken land on ascent of E. slope of Sweetwater Mesa.
4.20	E. rim of Sweetwater Mesa, bears NE and SW; thence over rolling land atop Sweetwater Mesa.
11.10	Trail road, bears NNE and SSW.
11.42	Barbed wire fence, 5 strands, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 15 and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S15 1/4 — S22 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 15, 16, 21, and 22.
	Land, broken to rolling. Soil, sandy and rocky clay. No timber; scattered brush and native grasses.
	N. 0°02' W., bet. secs. 15 and 16.
	Over gently rolling land atop Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 15 and 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
	T36N R22E 1/4
	S16 S15 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Thence descend from Sweetwater Mesa.
52.20	Wash, 60 ft. wide, 10 ft. deep, drains E.
80.00	Point for the cor. of secs. 9, 10, 15, and 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 9 S10
	S16 S15 1998
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 10, 11, 14, and 15.
	West, bet. secs. 10 and 15.
	Over rolling land on descent from Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 10 and 15.
·	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S10 1/4 — S15 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
62.60	Wash, 40 ft. wide, 10 ft. deep, drains NW.
80.00	The cor. of secs. 9, 10, 15, and 16.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°02' W., bet. secs. 9 and 10.
	Over rolling land.
10.73	Barbed wire fence, 5 strands, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S 9 S10 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 3, 4, 9, and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 4 S 3
	S 9 S10 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 2, 3, 10, and 11. West, bet. secs. 3 and 10.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	1. 36 N., R. 22 E., Gila and Sait River Heridian, Alizona
	Over rolling land.
13.10	Wash, 40 ft. wide, 10 ft. deep, drains NNW.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 10.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 3 1/4 —— S10 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
44.51	Barbed wire fence, 5 strands, bears NNE and SSW.
80.00	The cor. of secs. 3, 4, 9, and 10.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°02' W., bet. secs. 3 and 4.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S 4 S 3 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
79.97	Point for the closing cor. of secs. 3 and 4, at intersection with the Ninth Standard Parallel North, on the N. bdy. of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS

T37N R22E S33 S 4 S 3 T36N R22E CC 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. cor. of secs. 33 and 34, T. 37 N., R. 22 E., bears East, 21.33 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 33, T. 37 N., R. 22 E., bears West, 18.67 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

Land, rolling.
Soil, sandy and gravelly clay.
No timber; scattered brush and native grasses.

Point for the 1/4 sec. cor. of sec. 3 only, T. 36 N., R. 22 E., at midpoint on the N. bdy. of sec. 3.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E

1/4 S 3
T36N R22E
1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. 1/4 sec. cor. of sec. 34, T. 37 N., R. 22 E., bears East, 21.335 chs. dist.

From this same cor. point, the stan. cor. of secs. 33 and 34, T. 37 N., R. 22 E., bears West, 18.665 chs. dist.

CHAINS	1. 35 K., K. 22 E., GIR did but kivel heridan, hillend
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°03' W., bet. secs. 32 and 33.
	Over gently rolling land.
11.40	Center of water tank, 16 ft. diam., enclosed by chainlink fence, bears East, 11.50 chs. dist.
38.40	Trail road, bears ENE and WSW.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	1/4 S32 S33 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 28, 29, 32, and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S29 S28
	S32 S33 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 27, 28, 33, and 34. West, bet. secs. 28 and 33.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

	1. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Over gently rolling land atop Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Thence descend from Sweetwater Mesa.
66.80	Graded road, 22 ft. wide, bears NNE and SSW.
80.00	The cor. of secs. 28, 29, 32, and 33.
	Land, gently rolling. Soil, sandy clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03' W., bet. secs. 28 and 29.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 29.
	Set a magnet in a 1 \times 1 \times 2 ins. white colored plastic case, 24 ins. below the surface of ground.
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°00′ E., 70.0 ft. dist., with brass cap mkd. T36N R22E 1/4 S28 RM 70.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 45°CO′ W., 60.0 ft. dist., with brass cap mkd. T36N R22E 1/4 S29 RM 60.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located in a wash, 40 ft. wide, 15 ft. deep, drains NE.
46.95	S. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
48.46	Center of Navajo Route 59, asphalt pavement, 36 ft. wide, bears E. and W.
49.96	N. right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
80.00	Point for the cor. of secs. 20, 21, 28, and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S20 S21
	S29 S28 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 21, 22, 27, and 28.
	West, bet. secs. 21 and 28.
	Over rolling land on descent from Sweetwater Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
	T36N R22E
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
44.55	Pump shaft of a windmill, bears South, 10.10 chs. dist., mkd. 8K443.
49.60	Wash, 20 ft. wide, 8 ft. deep, drains ENE.
80.00	The cor. of secs. 20, 21, 28, and 29.
	Land, rolling. Soil, sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03' W., bet. secs. 20 and 21.
	Over rolling land.
21.32	Barbed wire fence, 5 strands, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	1/4 S20 S21 1998
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 16, 17, 20, and 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

	1. 56 N., R. 22 E., Gila and Sait River Meridian, Arizona
CHAINS	
	T36N R22E S17 S16 S20 S21 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 15, 16, 21, and 22.
	West, bet. secs. 16 and 21.
	Over rolling land on descent from Sweetwater Mesa.
24.20	Wash, 25 ft. wide, 20 ft. deep, drains NNE.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
50.76	Barbed wire fence, 5 strands, bears NNE and SSW.
80.00	The cor. of secs. 16, 17, 20, and 21.
	Land, rolling. Soil, sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03' W., bet. secs. 16 and 17.
	Over gently rolling land.
I	

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona
CHAINS	
36.60	Trail road, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 16 and 17.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4
:	S17 S16 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 8, 9, 16, and 17.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 8 S 9
	S17 S16 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 9, 10, 15, and 16.
	West, bet. secs. 9 and 16.
	Over rolling land.
6.03	Barbed wire fence, 5 strands, bears NNE and SSW.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 16.
·	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS	
	T36N R22E
	S 9
	1/4 —— S16
	1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	The cor. of secs. 8, 9, 16, and 17.
	Land, rolling.
	Soil, sandy clay.
	No timber; scattered brush and native grasses.
	N. 0°03' W., bet. secs. 8 and 9.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 8 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	1/4 S 8 S 9
	1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
80.00	Point for the cor. of secs. 4, 5, 8, and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 5 S 4
	S 8 S 9 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.

CHAINS	
	From the cor. of secs. 3, 4, 9, and 10.
	West, bet. secs. 4 and 9.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 9.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S 4 1/4 — S 9 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
65.70	Pump shaft of a windmill, bears South, 8.90 chs. dist., mkd. 8-T-528.
71.15	Trail road, bears SE and NW.
80.00	The cor. of secs. 4, 5, 8, and 9.
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°03' W., bet. secs. 4 and 5.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 5.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E 1/4 S 5 S 4 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS

Thence ascend gradually onto White Rock Mesa.

79.98

Point for the closing cor. of secs. 4 and 5, at intersection with the Ninth Standard Parallel North, on the N. bdy. of the Tp.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E S32 S 5 S 4 T36N R22E CC 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. cor. of secs. 32 and 33, T. 37 N., R. 22 E., bears East, 21.33 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 32, T. 37 N., R. 22 E., bears West, 18.67 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

Land, rolling.
Soil, sandy clay.
No timber; scattered brush and native grasses.

Point for the 1/4 sec. cor. of sec. 4 only, T. 36 N., R. 22 E., at midpoint on the N. bdy. of sec. 4.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E

1/4 S 4
T36N R22E
1998

CHAINS

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. 1/4 sec. cor. of sec. 33, T. 37 N., R. 22 E., bears East, 21.33 chs. dist.

From this same cor. point, the stan. cor. of secs. 32 and 33, T. 37 N., R. 22 E., bears West, 18.67 chs. dist.

From the true point for the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., hereinbefore described.

N. 0°03' W., bet. secs. 31 and 32.

Over rugged and broken land on descent of N. slope of Black Mesa.

40.00

Point for the 1/4 sec. cor. of secs. 31 and 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E 1/4 S31 | S32 1998

from which

The marks X BO, chiseled on the face of a sandstone boulder, 10 x 7 x 2 ft., bear S. 75 $3/4^{\circ}$ W., 24 lks. dist.

Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

80.00

Point for the cor. of secs. 29, 30, 31, and 32.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S30 | S29 S31 | S32 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Cor. is located at the base of Black Mesa.

CHAINS	
	Land, rugged and broken. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 28, 29, 32, and 33.
	West, bet. secs. 29 and 32.
	Over rolling land.
38.80	Trail road, bears ESE and WNW.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 32.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
51.79	Barbed wire fence approximating the E. bdy. of the 1882 Executive Order Hopi Indian Reservation, 5 strands, bears N. and S. From this same point, the 249 1/2 mile cor. on the E. bdy. of the 1882 Executive Order Hopi Indian Reservation, bears North, 13.89 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a barbed wire fence, 5 strands, bears N. and S., with brass cap properly mkd. as the 249 1/2 mile. cor. and witnessed as described in the 1964 field notes.
51.82	The 249 mile cor. on the E. bdy. of the 1882 Executive Order Boundary of the Hopi Indian Reservation, bears South, 26.11 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, in a scattered mound of stone, in a barbed wire fence, 5 strands, bears N. and S., with brass cap mkd. and witnessed as described in the 1964 field notes.
80.00	The cor. of secs. 29, 30, 31, and 32.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	West, bet. secs. 30 and 31.
	Over rolling and broken land.
40.00	Point for the 1/4 sec. cor. of secs. 30 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T36N R22E S30 1/4 —— S31 1998
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
43.10	Wash, 20 ft. wide, 3 ft. deep, drains NNE.
78.29	The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 36 N., R. 21 E., executed concurrently under this same group.
	Land, rolling and broken. Soil, sandy and rocky clay with sandstone outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 29, 30, 31, and 32.
	N. 0°03' W., bet. secs. 29 and 30.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

CHAINS			
	T36N R22E 1/4		
	S30 S29 1998		
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.		
49.15	Barbed wire fence approximating the N. bdy. of the 1882 Executive Order Hopi Indian Reservation, 5 strands, bears E. and W.		
49.19	The NE cor., Initial Point, of the 1882 Executive Order Boundary of the Hopi Indian Reservation, bears East, 28.28 chs. dist., monumented with a brass tablet, 3 ins. diam., set in top of a concrete frustum with metal casing, 10 ins. diam. at top, firmly set, projecting 12 ins. above ground, with top mkd. and witnessed as described in the 1964 field notes.		
78.20	Trail road, bears NNE and SSW.		
80.00	Point for the cor. of secs. 19, 20, 29, and 30.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E S19 S20 S30 S29 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 50 lks. W. of a trail road, bears NNE and SSW. Land, rolling. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses. From the cor. of secs. 20, 21, 28, and 29.		
	West, bet. secs. 20 and 29.		
	Over rolling land.		
40.00	Point for the 1/4 sec. cor. of secs. 20 and 29.		

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E S20 1/4 — S29 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. 45.48 NE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway. 47.52 Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears SE and NW.
S20 1/4 — S29 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. 45.48 NE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway. 47.52 Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears
1/4 — S29 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. NE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway. Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears
S29 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. WE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway. Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears
Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. 45.48 NE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway. 47.52 Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears
beneath the stainless steel post. 45.48 NE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway. 47.52 Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears
parallels highway. 47.52 Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears
49.53 SW right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.
80.00 The cor. of secs. 19, 20, 29, and 30.
Land, rolling. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
West, bet. secs. 19 and 30.
Over rolling and broken land.
40.00 Point for the 1/4 sec. cor. of secs. 19 and 30.
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
T36N R22E
S19 1/4 ——
s30
1998
Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.
50.40 Wash, 20 ft. wide, 10 ft. deep, drains N.

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS				
51.67	The 1 mile cor. on the N. bdy. of the 1882 Executive Order Boundary of the Hopi Indian Reservation, bears South, 30.81 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, in a mound of stone, 3 ft. base, 6 ins. high, in a barbed wire fence, 5 strands, bears E. and W., with brass cap mkd. and witnessed as described in the 1964 field notes.			
78.21	The cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 36 N., R. 21 E., executed concurrently under this same group.			
	Land, rolling and broken. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.			
	From the cor. of secs. 19, 20, 29, and 30.			
	N. 0°03' W., bet. secs. 19 and 20.			
	Over rolling land.			
34.17	SW right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway.			
36.16	Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears SE and NW.			
38.69	NE right-of-way fence of Navajo Route 59, barbed wire, 5 strands, parallels highway.			
40.00	Point for the 1/4 sec. cor. of secs. 19 and 20.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			
	T36N R22E 1/4 S19 S20 1998			
	Deposit a magnet in a $1 \times 1 \times 2$ ins. white colored plastic case beneath the stainless steel post.			
80.00	Point for the cor. of secs. 17, 18, 19, and 20.			

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T36N R22E S18 | S17 S19 | S20 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

Land, rolling.

Soil, sandy and gravelly clay.

Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.

From the cor. of secs. 16, 17, 20, and 21.

West, bet. secs. 17 and 20.

Over rolling land.

- 38.10 | Trail road, bears N. and S.
- 40.00 | Point for the 1/4 sec. cor. of secs. 17 and 20.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

80.00 The cor. of secs. 17, 18, 19, and 20.

Land, rolling.

Soil, sandy clay.

Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.

West, bet. secs. 18 and 19.

	T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona	
CHAINS		
	Over rolling land on gradual descent.	
36.85	NE right-of-way fence of Navajo Route 59, barbed wire 5 strands, parallels highway.	
38.88	Center of Navajo Route 59, asphalt pavement, 35 ft. wide, bears SE and NW.	
40.00	Point for the 1/4 sec. cor. of secs. 18 and 19.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, with brass cap mkd.	
	T36N R22E \$18 1/4 —— \$19 1998	
	from which	
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 45°OO' E., 157.0 ft. dist., with brass cap mkd. T36N R22E 1/4 S18 RM 157.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.	
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°00′ W., 44.0 ft. dist., with brass cap mkd. T36N R22E 1/4 S19 RM 44.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post at the 1/4 sec. cor.	
	Cor. is located 88 lks. E. of the SW right-of-way fence of Navajo Route 59, barbed wire, 5 strands, bears SE and NW.	
	From this cor. point, a brass tablet, 3 ins. diam., set in a concrete collar, 6 ins. diam., set flush with the surface of the ground, bears N. 25°18′ E., 2.565 chs. dist., with top mkd. B.I.A. ROADS ELEV. 5938.86 1978, witnessed by an angle iron nearby, unmarked.	

Survey of the Subdivisional Lines, T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

	1. 55 M., M. 22 M., 6114 did baro Miver Heriany in India	
CHAINS		
	From this same cor. point, a brass tablet, 3 ins. diam., set in a concrete collar, 6 ins. diam., firmly set, projecting 6 ins. above ground, bears N. 75°32' W., 1.20 chs. dist., with top mkd. B.I.A. ROADS ELEV. 5941.37 1978, witnessed by an angle iron nearby, unmarked.	
78.12	The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp. monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 36 N., R. 21 E., executed concurrently under this same group.	
	Land, rolling. Soil, sandy and gravelly clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.	
	From the cor. of secs. 17, 18, 19, and 20.	
	N. 0°03' W., bet. secs. 17 and 18.	
	Over rolling land atop White Rock Mesa.	
40.00	Point for the 1/4 sec. cor. of secs. 17 and 18.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T36N R22E	
	1/4 S18 S17 1998	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.	
80.00	Point for the cor. of secs. 7, 8, 17, and 18.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T36N R22E S 7 S 8	
	S18 S17 1998	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.	

CHAINS		
	Land, rolling. Soil, sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses.	
	From the cor. of secs. 8, 9, 16, and 17.	
	West, bet. secs. 8 and 17.	
	Over rolling land atop White Rock Mesa.	
40.00	Point for the 1/4 sec. cor. of secs. 8 and 17.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T36N R22E S 8 1/4 — S17 1998	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.	
80.00	The cor. of secs. 7, 8, 17, and 18.	
	Land, rolling. Soil, sandy clay. No timber; scattered brush and native grasses.	
	West, bet. secs. 7 and 18.	
	Over rolling land on gradual descent of W. slope of White Rock Mesa.	
3.92	Barbed wire fence, 5 strands, bears SSE and NNW.	
40.00	Point for the 1/4 sec. cor. of secs. 7 and 18.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T36N R22E	
	S 7 1/4 —— S18 1998	

CHAINS Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. 78.03 The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the survey of the east boundary, T. 36 N., R. 21 E., executed concurrently under this same group. Land, rolling. Soil, sandy clay. Timber, sparse piñon and juniper; undergrowth, scattered brush and native grasses. From the cor. of secs. 7, 8, 17, and 18. N. 0°03' W., bet. secs. 7 and 8. Over rolling land atop White Rock Mesa. 40.00 Point for the 1/4 sec. cor. of secs. 7 and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T36N R22E 1/4 S 7 | S 8 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. 57.94 Barbed wire fence, 5 strands, bears NNE and SSW. 80.00 Point for the cor. of secs. 5, 6, 7, and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd. T36N R22E S 6 | S 5 S7 | S8 1998 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case

beneath the stainless steel post.

	1. 30 N., R. 22 E., Gila and Bart River heritatal, Alizona			
CHAINS				
	Land, rolling. Soil, sandy and gravelly clay. No timber; scattered brush and native grasses.			
	From the cor. of secs. 4, 5, 8, and 9. West, bet. secs. 5 and 8.			
-	Over rolling land atop White Rock Mesa.			
40.00	Point for the 1/4 sec. cor. of secs. 5 and 8.			
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam. 26 ins. in the ground, with brass cap mkd.				
	T36N R22E S 5			
1/4 —				
S 8				
	1998			
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.			
72.93	Barbed wire fence, 5 strands, bears NNE and SSW.			
80.00	The cor. of secs. 5, 6, 7, and 8.			
	Land, rolling.			
	Soil, sandy clay. No timber; scattered brush and native grasses.			
	West, bet. secs. 6 and 7.			
	Over rolling land atop White Rock Mesa.			
9.90	W. rim of White Rock Mesa, bears NNE and SSW; thence descend W. slope of White Rock Mesa.			
40.00	Point for the 1/4 sec. cor. of secs. 6 and 7.			
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.			

CHAINS		
	T36N R22E S 6 1/4 — S 7 1998	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.	
	Cor. is located at foot of W. slope of White Rock Mesa.	
77.94	The cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the east boundary, T. 36 N., R. 21 E., executed concurrently under this same group.	
	Land, rolling. Soil, sandy and rocky clay. No timber; scattered brush and native grasses.	
	From the cor. of secs. 5, 6, 7, and 8.	
	N. 0°03' W., bet. secs. 5 and 6.	
	Over rolling land atop White Rock Mesa.	
33.40	NW rim of White Rock Mesa, atop cliff, bears ENE and WSW; thence descend abruptly.	
35.30	Foot of NW slope of White Rock Mesa, bears ENE and WSW; thence over gently rolling land.	
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6.	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.	
	T36N R22E 1/4 S 6 S 5 1998	
	Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.	
52.89	Barbed wire fence, 5 strands, bears E. and W.	

CHAINS

79.98

Point for the closing cor. of secs. 5 and 6, at intersection with the Ninth Standard Parallel North on the N. bdy. of the Tp.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E S31 S 6 S 5 T36N R22E CC 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. White colored plastic case beneath the stainless steel post.

From this cor. point, the stan. cor. of secs. 31 and 32, T. 37 N., R. 22 E., bears East, 21.33 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 31, T. 37 N., R. 22 E., bears West, 18.67 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 22 E., executed concurrently under this same group.

Land, gently rolling to broken. Soil, sandy and gravelly clay with sandstone outcrops. No timber; scattered brush and native grasses.

Point for the 1/4 sec. cor. of sec. 5 only, T. 36 N., R. 22 E., at midpoint on the N. bdy. of sec. 5.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E

1/4 S 5
T36N R22E
1998

Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

CHAINS

From this cor. point, the stan. 1/4 sec. cor. of sec. 32, T. 37 N., R. 22 E., bears East, 21.33 chs. dist.

From this same cor. point, the stan. cor. of secs. 31 and 32, T. 37 N., R. 22 E., bears West, 18.67 chs. dist.

Point for the 1/4 sec. cor. of sec. 6 only, T. 36 N., R. 22 E., at 40 chs. westing from the closing cor. of secs. 5 and 6, on the N. bdy. of sec. 6.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T37N R22E

1/4 S 6 T36N R22E 1998

Deposit a magnet in a 1 \times 1 \times 2 ins. white colored plastic case beneath the stainless steel post.

From this cor. point, the stan. 1/4 sec. cor. of sec. 31, T. 37 N., R. 22 E., bears East, 21.33 chs. dist.

From this same cor. point, the stan. cor. of Tps. 37 N., Rs. 21 and 22 E., bears West, 18.67 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the Ninth Standard Parallel North, (south boundary), T. 37 N., R. 21 E., executed concurrently under this same group.

T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is within the Navajo Indian Reservation, approximately 7 miles northwest of the community of Rough Rock. The terrain is mostly rolling. There is rugged and broken land on the slopes of Black Mesa, Sweetwater Mesa and White Rock Mesa. The Three Black Rocks, prominent rock outcrops, are located in section 22. The drainage is northeasterly.

The elevation varies from 5700 to 7100 feet above sea level. The soil is mostly sandy and gravelly clay with some rocky areas and a few sandstone outcrops. The timber is confined to the southern portion and is primarily piñon and juniper. The northern portion of the township is vegetated with scattered brush and native grasses.

The principal access to the township is Navajo Route 59, a paved highway which enters the township in section 25 and exits in section 18. There are graded and trail roads throughout the township. Much of the area is used for grazing livestock. There is no mining activity in the township.

The mean magnetic declination is 12 1/2° E, as derived from the United States Geological Survey computer program GEOMAGIX utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
William F. Olver	Cadastral Surveyor
Dale C. Wilson	Cadastral Surveyor
Daniel Bryan	Engineering Technician
Wilfred Chee	Engineering Technician
Edward Clarke	Engineering Technician
Reuben Mason	Engineering Technician
Barney Woodie	Engineering Technician

CERTIFICATE OF SURVEY

I, Leonard R. Sandoval, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 17th day of February, 1998, I have surveyed the south boundary, and the subdivisional lines, Township 36 North, Range 22 East, of the Gila and Salt River Meridian, in the state of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

(Date)

Leonard R. Samlora

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona

The foregoing field notes of the survey of the south boundary, and the subdivisional lines, Township 36 North, Range 22 East, Gila and Salt River Meridian, Arizona, executed by Leonard R. Sandoval, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

(Date)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 36 N., R. 22 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Chief Cadastral Surveyor of Arizona)