UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY OF

THE NINTH STANDARD PARALLEL NORTH,

(SOUTH BOUNDARY),

THE EAST AND NORTH BOUNDARIES

AND

A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 37 NORTH, RANGE 20 EAST,

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

EXECUTED BY

Leonard R. Sandoval, Cadastral Surveyor

Under Special Instructions dated and approved June 6, 1996, and Amended Special Instructions dated and approved August 13, 1997, which provided for the surveys included under Group Number 802 and assignment instructions dated June 6, 1996.

Survey Commenced July 22, 1997
Survey Completed March 31, 1998

INDEX DIAGRAM

TOWNSHIP 37 NORTH, RANGE 20 EAST,

GILA AND SALT RIVER MERIDIAN, ARIZONA

21 6 59	20 5 52	19 4 46	18 3 38	17 2 29	16 1 15
58 7 57	58 8 51	52 9 45	46 10 36	37 11 28	29 12 14
56 18 55	56 17 49	50 16 43	44 15 35	36 14 26	27 13 13
54 19	53 20 48	49 21 42	43 22 33	34 23 25	26 24 12
30	29	47 28 40	41 27 32	33 26 23	24 25 11
31 4	32 5	33 38 6	39 34 30 7	31 35 21 8	22 36 10 9

T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the Ninth Standard Parallel North, (south boundary), the east and north boundaries and a portion of the subdivisional lines, Township 37 North, Range 20 East, Gila and Salt River Meridian, Arizona.

The standard corner of Tps. 37 N., Rs. 19 and 20 E. was established, and the west boundary surveyed, by Jones Curtiss in 1997-98, concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, Special Instructions dated June 6, 1996, and Amended Special Instructions dated August 13, 1997, for Group No. 802, Arizona.

The directions of all lines were determined by the technique of differential positioning using the Ashtech M-Series Geodetic Positioning System and direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with Sokkia SET2BII, Topcon GTS3B and Lietz SET4A total station instruments.

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 "COAL MINE 1951" and "KAYENTA 1951" were used as control stations. The geographic position is as follows:

Lat.: 36°33'48.839" N. Long.: 110°07'41.003" W. NAD83 (1992)

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

Survey of the Ninth Standard Parallel North, (South Boundary),
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Beginning at the stan. cor. of Tps. 37 N., Rs. 19 and 20 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 Ninth Standard Parallel North, (south boundary), T. 37 N., R. 19 E., executed concurrently under this same group. Cor. is located in Moenkopi Canyon, 2.10 chs. W. of a graded road, 15 ft. wide, and 2.30 chs. W. of a power line, both bear NE and SW. East, on the S. bdy. of sec. 31. Over rolling land in Moenkopi Canyon.
6.60	Moenkopi Wash, 40 ft. wide, 12 ft. deep, drains WSW; thence ascend from Moenkopi Canyon and over top of mesa, over broken and rolling land.
40.00	Point for the stan. 1/4 sec. cor. of sec. 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. SC T37N R20E 1/4 S31 1997 from which A piñon, 11 ins. diam., bears N. 40 3/4° W., 77 lks. dist., mkd. 1/4 S31 SC BT. 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 stan. 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. SC T37N R20E S31 | S32 1997

Survey of the Ninth Standard Parallel North, (South Boundary),
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	from which A juniper, 11 ins. diam., bears N. 21 1/4° E., 68 1/2 lks. dist., mkd. T37N R20E S32 SC BT. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, broken and rolling. Soil, sandy and rocky clay with rock outcrops. Timber, piñon, juniper and ponderosa pine; undergrowth, brush and native grasses.
	East, on the S. bdy. of sec. 32. Over rolling land atop a mesa.
40.00	Point for the stan. 1/4 sec. cor. of sec. 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. SC T37N R20E 1/4 S32 1997 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 stan. cor. of secs. 32 and 33, falls on the face of a high cliff; where it is impracticable to establish a permanent monument. From this cor. point, the point selected for the witness cor. to the stan. cor. of secs. 32 and 33, bears N. 45°00′ E., 1.50 chs. dist. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. WC SC T37N R20E S32 | S33 1997

Survey of the Ninth Standard Parallel North, (South Boundary),
T. 37 N., R. 20 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. Witness cor. is located 70 lks. N. of high cliff at S. rim of a spur of Black Mesa, bears E. and W. Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, piñon, juniper and ponderosa pine; undergrowth, brush and native grasses.
	East, on the S. bdy. of sec. 33. Over rugged land below high cliff.
36.70	W. rim of a spur of Black Mesa, bears N. and S.; thence over rolling land across spur of Black Mesa.
40.00	Point for the stan. 1/4 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. SC T37N R20E 1/4 S33 1997 from which The mks. X BO, chiseled on the face of a sandstone boulder, 8 x 5 x 3 1/2 ft., bear N. 5 1/2° E., 15 lks. dist. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
56.80	NE rim of a spur of Black Mesa, atop high cliff, bears ESE and WNW; thence descend abruptly over rugged slope of Black Mesa.
80.00	Point for the stan. 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.

Survey of the Ninth Standard Parallel North, (South Boundary),
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	SC T37N R20E S33 | S34 1997
	from which
	The mks. X BO, chiseled on the face of a sandstone boulder, 30 x 20 x 15 ft., bear N. 76 1/4° E., 81 lks. dist.
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located on rugged slope of Black Mesa, bears ESE and WNW.
	Land, rugged to rolling to rugged. Soil, sandy and rocky clay with rock outcrops. Timber, piñon, juniper and ponderosa pine; undergrowth, brush and native grasses.
	East, on the S. bdy. of sec. 34.
	Over rugged and broken land, on descent of E. slope of Black Mesa.
40.00	Point for the stan. 1/4 sec. cor. of sec. 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	SC T37N R20E 1/4 S34 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling land.
80.00	Point for the stan. 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.

Survey of the Ninth Standard Parallel North, (South Boundary),
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	SC T37N R20E S34 | S35 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, rugged and broken to rolling. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	East, on the S. bdy. of sec. 35 Over rolling land.
40.00	Point for the stan. 1/4 sec. cor. of sec. 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, with brass cap mkd. SC T37N R20E 1/4 S35 1997 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 a trail road, bears N. and S.
80.00	Point for the stan. 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. SC T37N R20E S35 | S36 1997 from which A piñon, 7 ins. diam., bears N. 72 1/4° W., 1.435 chs. dist., mkd. T37N R20E S35 SC BT.

Survey of the Ninth Standard Parallel North, (South Boundary),
T. 37 N., R. 20 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. Land, rolling. Soil, sandy and rocky clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	East, on the S. bdy. of sec. 36. Over rolling land.
40.00	Point for the stan. 1/4 sec. cor. of sec. 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. SC T37N R20E 1/4 S36 1997 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 stan. cor. of Tps. 37 N., Rs. 20 and 21 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. SC T37N R20E | R21E S36 | S31 1997 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 rocky clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.

Survey of the East Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the stan. cor. of Tps. 37 N., Rs. 20 and 21 E., on the Ninth Standard Parallel North, hereinbefore described.
	North, bet. secs. 31 and 36.
	Over rolling land.
16.20	Cane Wash, 60 ft. wide, 3 ft. deep, drains ESE.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T37N R20E R21E 1/4 S36 | S31 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
62.91	Intersect the S. side of a wood frame house, 40 x 25 ft., the SE cor. bears East, 27 lks. dist., long side bears N.
74.77	Southernmost cor. of a stuccoed house, 24 x 18 ft., bears East, 3.35 chs. dist., long side bears NE.
80.00	Point for the cor. of secs. 25, 30, 31, and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T37N R20E | R21E S25 | S30 S36 | S31 1997
	from which
	A piñon, 12 ins. diam., bears N. 67 3/4° E., 1.125 chs. dist., mkd. T37N R21E S30 BT.
	A forked piñon, 13 ins. diam. at base, bears N. 12 1/4° W., 1.47 chs. dist., mkd. T37N R20E S25 BT.

Survey of the East Boundary,
T. 37 N., R. 20 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. Land, rolling. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	North, bet. secs. 25 and 30. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E R21E 1/4 S25 | S30 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
66.20	Graded road, 25 ft. wide, bears E. in curve to right.
74.60	Underground water line, bears SE and NW.
75.20	Power line, bears ESE and WNW.
80.00	Point for the cor. of secs. 19, 24, 25, and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E | R21E S24 | S19 S25 | S30 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the East Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	North, bet. secs. 19 and 24. Over gently rolling land.
37.10	Trail road, bears E. and W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E R21E 1/4 S24 | S19 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
59.70	Power line, bears ENE and WSW.
77.60	Graded road, 25 ft. wide, bears NE and SW.
80.00	Point for the cor. of secs. 13, 18, 19, and 24. Set a magnet in a 1 x 1 x 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. 50°00′ E., 60.0 ft. dist., with brass cap mkd. T37N R21E S19 RM 60.0 FT. TO COR. 1997 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 N. 50°00′ W., 80.0 ft. dist., with brass cap mkd. T37N R20E S13 RM 80.0 FT. TO COR. 1997 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 East Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located in a wash, 12 ft. wide, 3 ft. deep, drains NNE. Land, gently rolling. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	North, bet. secs. 13 and 18. Over gently rolling land.
8.40	Navajo Route 59A, a graded road, 25 ft. wide, bears SSE and NNW.
28.80	Power line, bears SSE and NNW.
34.30	Graded road, 25 ft. wide, bears NE and SW.
40.00	Point for the 1/4 sec. cor. of secs. 13 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E R21E 1/4 S13 | S18 1997 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. 7, 12, 13, and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E | R21E S12 | S 7 S13 | S18 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the East Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	North, bet. secs. 7 and 12. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 12. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E R21E 1/4 S12 | S 7 1997 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. 1, 6, 7, and 12. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T37N R20E | R21E S 1 | S 6 S12 | S 7 1997 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 clay. No timber; scattered brush and native grasses.
	North, bet. secs. 1 and 6. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 6.

Survey of the East Boundary,
T. 37 N., R. 20 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 R20E R21E 1/4 S 1 | S 6 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
44.55	Trail road, bears ENE and WSW.
80.00	Point for the cor. of Tps. 37 and 38 N., Rs. 20 and 21 E.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T38N R20E | R21E S36 | S31 S 1 | S 6 T37N 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 45 lks. W. and 1.65 chs. S. of a trail road, bears SSE and NNW.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.

Survey of the North Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of Tps. 37 and 38 N., Rs. 20 and 21 E., hereinbefore described. West, bet. secs. 1 and 36. Over gently rolling land.
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. T38N R20E S36 1/4 —— S 1 T37N 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
47.30	W. rim of a mesa, atop sandstone cliff, bears NE and SW; thence descend abruptly into Church Rock Valley and nearly level land.
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. T38N R20E S35 | S36 ——— | ——— S 2 | S 1 T37N 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 2.32 chs. E. of a woven wire and barbed wire fence, bears NE and SW.

Survey of the North Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling to nearly level. Soil, sandy and rocky clay with rock outcrops. No timber; scattered brush and native grasses.
	West, bet. secs. 2 and 35.
	Over nearly level land.
9.56	Woven wire and barbed wire fence, bears NE and SW.
23.80	Trail road, bears N. and S.
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. T38N R20E S35 1/4 S 2 T37N 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
45.70	Wash, 10 ft. wide, 6 ft. deep, drains NNE.
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. T38N R20E S34 | S35 S 3 | S 2 T37N 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the North Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 3 and 34.
	Over nearly level land.
18.05	Trail road, bears NNE and SSW.
38.35	Trail road, bears NE and SW.
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.
	T38N R20E S34 1/4 —— S 3 T37N 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
49.10	Navajo Route 59A, a graded road, 25 ft. wide, bears SE and NW.
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., 16 ins. below the surface of the ground, with brass cap mkd.
	T38N R20E S33 | S34 ——|—— S 4 | S 3 T37N 1997
	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., 50.0 ft. dist., with brass cap mkd. T37N R20E S3 RM 50.0 FT. TO COR. 1997 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 North Boundary,
T. 37 N., R. 20 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°00′ W., 50.0 ft. dist., with brass cap mkd. T38N R20E S33 RM 50.0 FT. TO COR. 1997 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 x 1 x 2 ins. white colored plastic case beneath the stainless steel post at the sec. cor. Cor. is located in the center of a graded road, 20 ft. wide, bears NNE and SSW. Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	West, bet. secs. 4 and 33. Over rolling 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. T38N R20E S33 1/4 —— S 4 T37N 1997 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. T38N R20E S32 | S33 —————— S 5 | S 4 T37N 1997

Survey of the North Boundary,
T. 37 N., R. 20 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. Land, rolling. Soil, sandy and rocky clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	West, bet. secs. 5 and 32. Over rolling land.
36.10	Power line, bears N. and S.
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. T38N R20E S32 1/4 —— S 5 T37N 1997 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. 5, 6, 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. T38N R20E S31 | S32 ——— | ——— S 6 | S 5 T37N 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of the North Boundary,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sandy and rocky clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	West, bet. secs. 6 and 31. Over rolling and broken land.
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. T38N R20E S31 1/4 —— S 6 T37N 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.43	The cor. of Tps. 37 and 38 N., Rs. 19 and 20 E., monumented with a magnet in a 1 x 1 x 2 ins. white colored plastic case, set, and witnessed as described in the field notes of the survey of the east boundary, T. 37 N., R. 19 E., executed concurrently under this same group. Cor. is located in a wash, 5 ft. wide, 2 ft. deep, drains S. Land, rolling and broken. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	Survey of a Portion of the Subdivisional Lines, T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona
	From the stan. cor. of secs. 35 and 36, on the S. bdy. of the Tp., hereinbefore described. N. 0°01′ W., bet. secs. 35 and 36. Over rolling land.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
38.70	Cane Wash, 20 ft. wide, 3 ft. deep, drains E.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S35 | S36 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 2.55 chs. S. of a sandstone ledge, 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. T37N R20E S26 | S25 S35 | S36 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 40 lks. S. and 45 lks. E. of a trail road, bears NE and SW. Land, rolling. Soil, sandy and rocky clay. Timber, scattered 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., hereinbefore described. West, bet. secs. 25 and 36. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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 R20E S25 1/4 —— S36 1997 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. 25, 26, 35, and 36. Land, rolling. Soil, sandy and rocky clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°01' W., bet. secs. 25 and 26. Over rolling land.
35.10	Trail road, bears NE and SW.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S26 | S25 1997 from which A forked juniper, 9 ins. diam. at base, bears N. 49 1/4° E., 1.135 chs. dist., mkd. 1/4 S25 BT. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
70.30	Power line, bears E. and W.
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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E S23 | S24 S26 | S25 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 1.05 chs. S. and 1.50 chs. E. of a graded road, 20 ft. wide, bears NE and SW. Land, rolling. Soil, sandy and rocky clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 19, 24, 25, and 30, on the E. bdy. of the Tp., hereinbefore described. West, bet. secs. 24 and 25. Over nearly level land.
4.90	Underground water line, bears SE and NW.
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. T37N R20E S24 1/4 S25 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located 20 lks. E. of an underground water line, bears NE and SW
68.00	Graded road, 20 ft. wide, bears SSE and NNW.
69.70	Underground water line, bears SE and NW.
80.00	The cor. of secs. 23, 24, 25, and 26.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 23 and 24.
	Over rolling land.
8.40	Power line, bears SSE and NNW.
10.35	Underground water line, bears SE and NW.
12.75	Trail road, bears E. and W.
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. T37N R20E 1/4 S23 | S24 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 3.05 chs. W. of a trail road, bears SSE and NNW.
54.20	Trail road, bears SSE and NNW.
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. T37N R20E S14 | S13 S23 | S24 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., hereinbefore described. S. 89°59′ W., bet. secs. 13 and 24. Over gently rolling land.
30.10	Graded road, 20 ft. wide, bears NE and SW.
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. T37N R20E S13 1/4 —— S24 1997 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. 13, 14, 23, and 24. Land, gently rolling. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 13 and 14. Over rolling land.
30.70	N. rim of Owl Spring Mesa, atop sandstone ledge, bears E. and W.; thence descend abruptly into Owl Spring Valley.
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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E 1/4 S14 | S13 1997
	from which
	The SE cor. of a wood frame house, 25 x 20 ft., bears N. 78 3/4° W., 2.225 chs. dist., long side bears N.
	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. 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.
	T37N R20E S11 | S12 S14 | S13 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp., hereinbefore described.
	S. 89°59′ W., bet. secs. 12 and 13.
	Over gently rolling land.
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.
	T37N R20E S12 1/4 S13 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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.
	Cor. is located 2.10 chs. E. of Navajo Route 59A, a graded road, 20 ft. wide, bears SSE and NNW.
66.10	Power line, bears SE and NW.
80.00	The cor. of secs. 11, 12, 13, and 14.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01' W., bet. secs. 11 and 12.
	Over gently rolling land.
10.00	Power line, bears SE and NW.
40.00	Point for the 1/4 sec. cor. of secs. 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. T37N R20E 1/4 S11 | S12 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
58.00	Navajo Route 59A, a graded road, 20 ft. wide, bears SE and NW.
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. T37N R20E S 2 | S 1 S11 | S12 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently 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., hereinbefore described. S. 89°59′ W., bet. secs. 1 and 12. Over gently rolling land.
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. T37N R20E S 1 1/4 —— S12 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
49.30	Trail road, bears NE and SW.
80.00	The cor. of secs. 1, 2, 11, and 12. Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 1 and 2. Over gently rolling land.
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. T37N R20E 1/4 S 2 | S 1 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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.
53.00	N. rim of a mesa, atop sandstone ledge, bears NNE and SSW; thence descend abruptly into Church Rock Valley and gently rolling land.
80.02	The cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., hereinbefore described. Land, gently rolling and broken. Soil, sandy and rocky clay with rock outcrops. No timber; scattered brush and native grasses.
	From the stan. cor. of secs. 34 and 35, on the S. bdy. of the Tp., hereinbefore described. N. 0°01′ W., bet. secs. 34 and 35. Over rolling land.
11.59	Barbed wire fence, 4 strands, bears ENE and WSW.
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. T37N R20E 1/4 S34 | S35 1997 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. 26, 27, 34, and 35. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T37N R20E S27 | S26 S34 | S35 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	from which The mks. X BO, chiseled on the face of a sandstone boulder, 6 x 5 x 3 ft., bear N. 10 1/2° E., 38 1/2 lks. dist. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located below the S. rim of a large cove at the head of Owl Spring Valley, bears E. and W. Land, rolling. Soil, sandy and rocky clay with rock outcrops. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 25, 26, 35, and 36. N. 89°59′ W., bet. secs. 26 and 35. Over gently rolling land.
25.95	Trail road, bears NNE and SSW.
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. T37N R20E S26 1/4 —— S35 1997 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. 26, 27, 34, and 35.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy and rocky clay with rock outcrops. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 26 and 27.
	Over broken and rolling land along E. edge of Owl Spring Valley.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S27 | S26 1997
	from which
	The mks. X BO, chiseled on the face of a sandstone boulder, 7 x 7 x 5 ft., bear N. 60 3/4° E., 70 lks. dist.
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located near the base of the W. slope of Owl Spring Mesa; thence continue over broken land along W. slope and top of Owl Spring Mesa.
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. T37N R20E S22 | S23 S27 | S26 1997
	from which
	The mks. X BO, chiseled on the face of a sandstone ledge, bear S. 46 3/4° E., 1.08 chs. dist.
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located at the base of the NW slope of Owl Spring Mesa.
	Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 23, 24, 25, and 26.
	N. 89°59′ W., bet. secs. 23 and 26.
	Over rolling land.
20.40	E. rim of Owl Spring Mesa, atop a sandstone ledge, bears N. and S.; thence over rolling land atop Owl Spring Mesa.
40.005	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. T37N R20E S23 1/4 —— S26 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence over rolling and broken land on decent along N. slope of Owl Spring Mesa.
80.01	The cor. of secs. 22, 23, 26, and 27.
	Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 22 and 23.
	Over nearly level land across Owl Spring Valley.
6.85	Trail road, bears NE and SW.
13.90	Wash, 15 ft. wide, 8 ft. deep, drains NE.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
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. T37N R20E 1/4 S22 | S23 1997 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. 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. T37N R20E S15 | S14 S22 | S23 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 13, 14, 23, and 24. N. 89°59′ W., bet. secs. 14 and 23. Over rolling to broken land atop Owl Spring Mesa and descending W. slope.
40.005	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. T37N R20E S14 1/4 S23 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. Cor. is located at the base of W. slope of Owl Spring Mesa, bears N. and S.; thence over nearly level land in Owl Spring Valley.
44.40	Trail road, bears N. and S.
80.01	The cor. of secs. 14, 15, 22, and 23. Land, rolling to broken to nearly level. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 14 and 15. Over nearly level land.
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. T37N R20E 1/4 S15 | S14 1997 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. 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. T37N R20E S10 | S11 S15 | S14 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 11, 12, 13, and 14. N. 89°59′ W., bet. secs. 11 and 14. Over nearly level land in Owl Spring Valley.
40.005	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. T37N R20E S11 1/4 —— S14 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
80.01	The cor. of secs. 10, 11, 14, and 15. Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 10 and 11. Over nearly level land in Owl Spring Valley.
40.00	Point for the 1/4 sec. cor. of secs. 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. T37N R20E 1/4 S10 | S11 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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.
67.20	Power line, bears SE and NW.
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.
	T37N R20E S 3 | S 2 S10 | S11 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 1, 2, 11, and 12.
	N. 89°59′ W., bet. secs. 2 and 11.
	Over gently rolling land on descent into Owl Spring Valley.
32.40	Navajo Route 59A, a graded road, 20 ft. wide, bears ESE and WNW.
40.005	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.
	T37N R20E S 2 1/4 —— S11 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.30 chs. S. of Navajo Route 59A, a graded road, 20 ft. wide, bears ESE and WNW.
80.01	The cor. of secs. 2, 3, 10, and 11.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°01′ W., bet. secs. 2 and 3. Over gently rolling land on descent into Church Rock Valley.
31.60	Navajo Route 59A, a graded road, 20 ft. wide, 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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S 3 | S 2 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.98	The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., hereinbefore described. Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the stan. cor. of secs. 33 and 34, on the S. bdy. of the Tp., hereinbefore described. N. 0°02′ W., bet. secs. 33 and 34. Over rugged and broken land, on descent of the NE slope of Black Mesa.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S33 | S34 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. 27, 28, 33, and 34.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T37N R20E S28 | S27 S33 | S34 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Land, rugged and broken. Soil, sandy and rocky clay. Timber, scattered 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 over Owl Spring Valley and a mesa.
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., 24 ins. in the ground, with brass cap mkd.
	T37N R20E S27 1/4 —— S34 1997
	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. 27, 28, 33, and 34.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 27 and 28.
	Over rolling and broken land over mesas.
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. T37N R20E 1/4 S28 | S27 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
71.40	N. rim of a mesa, atop cliff, bears E. and W.; thence descend N. slope of a mesa.
78.20	Base of N. slope of a mesa, bears 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. T37N R20E S21 | S22 S28 | S27 1997
	from which A forked juniper, 9 ins. diam. at base, bears S. 65 1/2° E., 46 lks. dist., mkd. T37N R20E S27 BT. A juniper, 6 ins. diam., bears N. 41 1/4° W., 41 1/2 lks. dist., mkd. T37N R20E S21 BT.
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, 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 nearly level land in Owl Spring Valley.
5.10	Trail road, bears NE and SW.
9.50	Wash, 10 ft. wide, 4 ft. deep, drains NNE.
13.15	Trail road, bears N. and S.
26.70	Wash, 50 ft. wide, 5 ft. deep, drains NE.
29.00	Trail road, bears NE and SW; thence ascend E. slope of a mesa.
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., 25 ins. in the ground, with brass cap mkd. T37N R20E S22 1/4 —— S27 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 1.60 chs. E. of a sandstone cliff, bears NNE and SSW; thence over rolling land atop a mesa.
58.60	W. rim of a mesa, atop a sandstone ledge, bears NE and SW; thence descend W. slope of a mesa.
68.70	Base of a mesa, bears NE and SW; thence over nearly level land.
80.00	The cor. of secs. 21, 22, 27, and 28.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, nearly level, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 21 and 22.
	Over nearly level land.
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., 24 ins. in the ground, with brass cap mkd.
	T37N R20E 1/4 S21 | S22 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
52.80	Trail road, bears E. and W.
69.60	Trail road, bears NNE and SSW.
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., 24 ins. in the ground, with brass cap mkd.
	T37N R20E S16 | S15 S21 | S22 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 2.75 chs. W. of a trail road, bears NNE and SSW.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, nearly level. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 14, 15, 22, and 23.
	West, bet. secs. 15 and 22.
	Over nearly level land in Owl Spring Valley.
26.00	Trail road, bears N. and S.
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. T37N R20E S15 1/4 S22 1997
	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, nearly level. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 15 and 16.
	Over rolling land.
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. T37N R20E 1/4 S16 | S15 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. 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.
	T37N R20E S 9 | S10 S16 | S15 1997
	from which
	A piñon, 11 ins. diam., bears S. 15° W., 30 lks. dist., mkd. T37N R20E S16 BT.
	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, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 10, 11, 14, and 15.
	West, bet. secs. 10 and 15.
	Over nearly level land in Owl Spring Valley.
22.80	Trail road, bears N. and S.
36.60	Main pump shaft of a windmill, mkd. 8P-542, bears North, 8.95 chs. dist.
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.
	T37N R20E S10 1/4 —— S15 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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.
56.55	Trail road, bears NE and SW; thence ascend from Owl Spring Valley over rolling land.
80.00	The cor. of secs. 9, 10, 15, and 16.
	Land, nearly level to rolling. Soil, sandy and gravelly clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 9 and 10.
	Over rolling land.
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.
	T37N R20E 1/4 S 9 | S10 1997
	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. 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.
	T37N R20E S 4 | S 3 S 9 | S10 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rolling. Soil, sandy and gravelly clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 2, 3, 10, and 11.
	West, bet. secs. 3 and 10.
	Over gently rolling land.
17.80	Power line, bears SE and NW.
25.90	Trail road, bears N. and S.
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. T37N R20E S 3 1/4 —— S10 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
47.60	Trail road, bears ENE and WSW.
80.00	The cor. of secs. 3, 4, 9, and 10.
	Land, gently rolling. Soil, sandy and rocky clay. No timber; scattered brush and native grasses.
	N. 0°02′ W., bet. secs. 3 and 4.
	Over gently 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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E 1/4 S 4 | S 3 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.96	The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp., hereinbefore described.
	Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	From the cor. of secs. 21, 22, 27, and 28.
	West, bet. secs. 21 and 28.
	Over nearly level land in a valley.
19.50	Base of a mesa, bears N. and S.; thence ascend over broken land.
31.70	E. rim of a mesa, atop sandstone cliff, bears SE and NW; thence over rolling and broken land.
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., 24 ins. in the ground, with brass cap mkd.
	T37N R20E S21 1/4 —— S28 1997
	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. 20, 21, 28, and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E S20 | S21 S29 | S28 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Land, nearly level to rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 20 and 21. Over rolling and broken land atop a mesa.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S20 | S21 1997 from which The mks. X BO, chiseled on the face of a sandstone boulder, 6 x 4 x 3 ft., bear S. 63 3/4° E., 1.055 chs. dist. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
53.20	N. rim of a mesa, atop sandstone cliff, bears NE and SW; thence descend abruptly into rolling and broken land.
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. T37N R20E S17 | S16 S20 | S21 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. Cor. is located 1.00 ch. E. of a sandstone cliff, on E. slope of a spur ridge, bears NNE and SSW. Land, rolling and broken. Soil, sandy and rocky clay with rock outcrops. Timber, 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.
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. T37N R20E S16 1/4 —— S21 1997 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. 16, 17, 20, and 21. Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 16 and 17. Over rolling land on descent into a valley.
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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E 1/4 S17 | S16 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
43.20	Trail road, bears ESE and WNW.
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.
	T37N R20E S 8 | S 9 S17 | S16 1997
	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. 9, 10, 15, and 16.
	West, bet. secs. 9 and 16.
	Over gently rolling land.
19.60	Trail road, 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.
	T37N R20E S 9 1/4 —— S16 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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	The cor. of secs. 8, 9, 16, and 17.
	Land, rolling. Soil, sandy and gravelly clay. Timber, scattered piñon and juniper; undergrowth, 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.
	T37N R20E 1/4 S 8 | S 9 1997
	from which
	A piñon, 13 ins. diam., bears S. 60° E., 69 1/2 lks. dist., mkd. 1/4 S9 BT.
	A piñon, 11 ins. diam., bears S. 45° W., 87 lks. dist., mkd. 1/4 S8 BT.
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
77.00	Graded road, 25 ft. wide, bears ENE and WSW.
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.
	T37N R20E S 5 | S 4 S 8 | S 9 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 3, 4, 9, and 10. West, bet. secs. 4 and 9. Over gently 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. T37N R20E S 4 1/4 —— S 9 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
74.80	Graded road, 25 ft. wide, bears ENE and WSW.
80.00	The cor. of secs. 4, 5, 8, and 9. Land, gently rolling. Soil, sandy clay. No timber; scattered brush and native grasses.
	N. 0°03′ W., bet. secs. 4 and 5. Over rolling land.
16.80	Cottonwood Wash, 20 ft. wide, 6 ft. deep, drains E.
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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E 1/4 S 5 | S 4 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.97	The cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp., hereinbefore described.
	Land, rolling. Soil, sandy clay. Timber, scattered 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 rugged and broken land across spur ridges at base of Black Mesa.
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., 24 ins. in the ground, with brass cap mkd.
	T37N R20E S17 1/4 —— S20 1997
	from which
	A juniper, 7 ins. diam., bears S. 65 1/4° E., 55 1/2 lks. dist., mkd. 1/4 S20 BT.
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
58.20	Power line, bears NNE and SSW.
80.00	Point for the cor. of secs. 17, 18, 19, and 20.
	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, atop a sandstone boulder, 15 x 8 x 5 ft., with top mkd.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E S18 | S17 S19 | S20 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case in the drill hole beneath the brass tablet. Land, rugged and broken. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	S. 89°59′ W., bet. secs. 18 and 19. Over rugged and broken land, on ascent of E. slope of Black Mesa.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E S18 1/4 S19 1997 from which A piñon, 7 ins. diam., bears N. 67° W., 47 1/2 lks. dist., mkd. 1/4 S18 BT. Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.69	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. 37 N., R. 19 E., executed concurrently under this same group.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rugged and broken. Soil, sandy and rocky clay with rock outcrops. 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 rugged and broken land.
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., 24 ins. in the ground, with brass cap mkd. T37N R20E 1/4 S18 | S17 1997 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. 7, 8, 17, and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T37N R20E S 7 | S 8 S18 | S17 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located on N. slope of a spur ridge, 15 lks. N. of a sandstone cliff, bears E. and W.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rugged and broken. Soil, sandy and rocky clay with rock outcrops. Timber, 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 on ascent.
34.10	Power line, bears N. and S.; thence continue ascent along N. slope of a spur ridge.
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. T37N R20E S 8 1/4 —— S17 1997 Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post. Cor. is located near top of N. slope of a spur ridge, bears E. and W.
80.00	The cor. of secs. 7, 8, 17, and 18. Land, rolling. Soil, sandy and rocky clay. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	S. 89°59′ W., bet. secs. 7 and 18. Over rugged and broken land, on ascent of E. slope of Black Mesa.
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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E S 7 1/4 —— S18 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.61	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, and mkd. as described in the field notes of the survey of the east boundary, T. 37 N., R. 19 E., executed concurrently under this same group. Land, rugged and broken. Soil, sandy and rocky clay with rock outcrops. Timber, 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 rugged and broken land.
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., 24 ins. in the ground, with brass cap mkd.
	T37N R20E 1/4 S 7 | S 8 1997
	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. 5, 6, 7, and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T37N R20E S 6 | S 5 ——+—— S 7 | S 8 1997

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 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. Land, rugged and broken. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, scattered brush and native grasses.
	From the cor. of secs. 4, 5, 8, and 9. West, bet. secs. 5 and 8. Over rolling land.
34.20	Cottonwood Wash, 20 ft. wide, 5 ft. deep, drains ENE.
34.70	Power line, bears N. and S.
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. T37N R20E S 5 1/4 —— S 8 1997 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. 5, 6, 7, and 8. Land, rolling. Soil, sandy clay. Timber, scattered piñon and juniper; undergrowth, scattered brush and native grasses.
	S. 89°59′ W., bet. secs. 6 and 7. Over rolling land.
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.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T37N R20E S 6 1/4 —— S 7 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Thence ascend over rugged and broken E. slope of a prominent mesa.
63.50	E. rim of a mesa, atop cliff, bears N. and S.; thence over rolling and broken land atop a mesa.
79.52	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. 37 N., R. 19 E., executed concurrently under this same group.
	Land, rolling, rugged and broken. Soil, sandy and rocky clay with rock outcrops. Timber, piñon and juniper; undergrowth, 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.
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.
	T37N R20E 1/4 S 6 | S 5 1997
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
79.98	The cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp., hereinbefore described.

Survey of a Portion of the Subdivisional Lines,
T. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona

CHAINS

Land, rolling.
Soil, sandy and rocky clay.
Timber, piñon and juniper; undergrowth, scattered brush and native grasses.

GENERAL DESCRIPTION

The area surveyed is within the Navajo Indian Reservation, approximately 11 miles south-southeast of the community of Kayenta. This area is on the east side of Black Mesa, with the west boundary descending the rugged, precipitous east slope and the south boundary descending to rolling hills. The terrain varies from nearly level to rolling to broken and rugged. The drainage is mainly north and east, with Cane Wash and Cottonwood Wash being the most significant drainages.

The elevation varies from 5600 to 7800 feet above sea level. The soil is mostly sandy and rocky clay with some gravelly areas and rock outcrops. The timber is primarily piñon and junipers, with some ponderosa pine and Douglas fir atop Black Mesa. Undergrowth principally consists of sagebrush, greasewood and native grasses; with some Gambel's oak atop Black Mesa.

Principal access to the township is provided by Navajo Route 59A, a graded road from Kayenta to Chilchinbeto, which enters the township in section 3 and exits in section 24. There are numerous 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 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
Jones Curtiss	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 6th day of June, 1996, and Amended Special Instructions bearing date of the 13th day of August, 1997, I have surveyed the Ninth Standard Parallel North, (south boundary), the east and north boundaries and a portion of the subdivisional lines, Township 37 North, Range 20 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, amended 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.

9-21-98
(Date)

Leonard R. Sandoval
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the survey of the Ninth Standard Parallel North, (south boundary), the east and north boundaries and a portion of the subdivisional lines, Township 37 North, Range 20 East, Gila and Salt River Meridian, Arizona, executed by Leonard R. Sandoval, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

October 5, 1998
(Date)

Kenny A Ravnikar
(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. 37 N., R. 20 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

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