ORIGINAL

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE SOUTH AND WEST BOUNDARIES

AND

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 28 NORTH, RANGE 16 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Geoffrey A. Graham and Stephen K. Hansen, Cadastral Surveyors

Under Special Instructions dated September 13, 2000, approved September 13, 2000, which provided for the surveys included under Group No. 857, and assignment instructions dated September 13, 2000, and May 29, 2001.

Survey commenced September 18, 2000

Survey completed July 11, 2001

INDEX DIAGRAM

TOWNSHIP 28 NORTH

RANGE 16 EAST

9	6	40 5	31 4	24 3	17 2	46 1
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T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of the south and west boundaries and a portion of the subdivisional lines and the survey of a portion of the subdivisional lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

John C. Smith surveyed the Seventh Standard Parallel North (N. bdy.), the south and west boundaries, and a portion of the subdivisional lines and subdivided certain sections by the three-mile method, in 1891. Sidney E. Blout resurveyed the Seventh Standard North (N. bdy.) and surveyed the Fourth Guide Meridian East through T. 28 N. (E. bdy.), in 1908-09. Joe R. Salazar dependently resurveyed the Seventh Standard Parallel North through R. 15 E. (N. bdy.), in 1998-99. Stephen K. Hansen dependently resurveyed the Seventh Standard Parallel North through R. 16 E. (N. bdy.), in 1998. Joe R. Salazar dependently resurveyed the Fourth Guide Meridian East through T. 28 N. (E. bdy.), in 1999.

During the course of the survey, certain corners dated 1908 were recovered which are not of record. Documents exist that indicate Sidney E. Blout conducted surveys and resurveys in this township while performing Indian allotment surveys under detail to the U. S. Indian Service during this time period. The corners established by Blout have been in position for over ninety years, and their rejection could disturb satisfactory local conditions. In addition, direct evidence of Smith's survey is so limited that it is now impossible to reestablish his survey on that basis. For these reasons, Blout's monuments have been adopted in this survey and resurvey.

Because there is no official record of Blout's measurements or what he may or may not have recovered of Smith's survey, and due to the consistency of Blout's corner locations, lost corners on the south and west boundaries were reestablished equidistant from their respective controlling corners. Lost section corners and quarter section corners on longitudinal subdivisional lines were reestablished equidistant from controlling corners to the north and south. Quarter section corners on the latitudinal subdivisional lines were reestablished at midpoint between controlling section corners. Lost quarter section corners on the lines running into the north and west boundaries were reestablished at forty chains with the excess and deficiency placed in the last half mile. Areas against these boundaries were relotted to reflect their actual acreage. This township is entirely tribal land, and the subdivision of sections by the three mile-method is officially superceded by this resurvey.

T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

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, and the Special Instructions dated September 13, 2000, for Group No. 857, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 4400 and Topcon-Javad Legacy E model receivers.

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

Geodetic control was derived from first order U. S. Coast and Geodetic Survey triangulation station N 70 1934, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the cor. of Tps. 27 and 28 N., Rs. 16 and 17 E., is as follows:

Latitude: 35° 46' 50.00" N. Longitude: 110° 34' 19.28" W.

The mean magnetic declination is 12° E.

Dependent Resurvey of the South Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

Beginning at the cor. of Tps. 27 and 28 N., Rs. 16 and 17 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T28N R16E R17E S36 S31 S1 S6 T27N 1999, witnessed with a mound of stone, 2 ft. base, 1 ft. high, S. of cor.

N. $89^{\circ}47'$ W., bet. secs. 1 and 36, on the S. bdy. of the Tp.

Descending through sage and grass covered sandy terrain, entering eroded lands.

40.00

The 1/4 sec. cor. of secs. 1 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. WC S36 1/4 S1 1908.

Remove the marks WC and add the marks T28N R16E T27N 2000 to the brass cap.

Dependent Resurvey of the South Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

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CHAINS	Deposit a magnet in a white plastic case alongside of the iron post.
	Cor. is located on top of an eroding bank of wash, drains W., 20 ft. deep, 40 ft. wide.
	N. 89°47' W., beginning new measurement.
	Descending, leaving eroded lands entering terrain broken by many small washes. Vegetated with scattered grass and sage.
40.00	The cor. of secs. 1, 2, 35 and 36, monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd. R16E T28N T27N S35 S36 S2 S1.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	N. 89°45' W., bet. secs. 2 and 35.
	Descending, across ground broken by many small washes and covered with scattered grass and sage.
40.00	The 1/4 sec. cor. of secs. 2 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. S35 1/4 S2 1908.
	Add the marks T28N R16E T27N 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	N. 89°46' W., beginning new measurement.
	Descending, across ground broken by many small washes and covered with scattered grass and sage.
39.99	The cor. of secs. 2, 3, 34 and 35, monumented with an iron post, 3 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. R16E T28N T27N S34 S35 S3 S2.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
1	1

Dependent Resurvey of the South Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	N. 89°47' W., bet. secs. 3 and 34.
	Descending, across ground broken by many small washes and covered with scattered grass and sage.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 34; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T28N R16E S34
	1/4
	S3
	T27N
	2000
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	The cor. of secs. 3, 4, 33 and 34, monumented with an iron post, 3 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. R16E T28N T27N S33 S34 S4 S3.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	N. 89°47' W., bet. secs. 4 and 33.
	Descending, across ground broken by many small washes and covered with scattered grass and sage.
40.01	Point for the 1/4 sec. cor. of secs. 4 and 33; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.
	T28N R16E
	S33
	1/4 S4
	T27N
1	2000
	2000
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

Dependent Resurvey of the South Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.02	The cor. of secs. 4, 5, 32 and 33, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. R16E T28N T27N S32 S33 S5 S4.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	N. 89°47' W., bet. secs. 5 and 32.
	Descending, across ground broken by many small washes and covered with scattered grass, sage and greasewood.
40.01	Point for the 1/4 sec. cor. of secs. 5 and 32; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T28N R16E
	332 1/4 ———
	, s5
	T27N 2000
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.02	The cor. of secs. 5, 6, 31 and 32, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. R16E T28N T27N S31 S32 S6 S5.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	N. 89°48' W., bet. secs. 6 and 31
	Descending, across ground broken by many small washes. Ground cover is mostly greasewood with scattered grass and sage.
12.60	Left bank of Oraibi Wash, 60 ft. deep, bears N. 25° E. and S. 25° W.
17.30	Right bank of same wash, bears N. 40° E. and S. 65° W.

Dependent Resurvey of the South Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

	1. 20 N., R. 10 E., GIIA AND SAIT RIVER METIDIAN, ATIZONA
CHAINS	
	Ascending, over sandy plain covered with scattered grass and sage.
40.02	The 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S31 1/4 S6 1908.
	Add the marks T28N R16E T27N 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	N. 89°47' W., beginning new measurement.
	Ascending, over sandy ground covered with scattered grass and sage.
39.34	The cor. of Tps. 27 and 28 N., Rs. 15 and 16 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. T28N R15E R16E S36 S31 S1 S6 R15E R16E T27N.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	Dependent Resurvey of the West Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona
	From the cor. of Tps. 27 and 28 N., Rs. 15 and 16 E. hereinbefore described.
	N. 0 $^{\circ}$ 01' W., bet. secs. 31 and 36, on the W. bdy. of the Tp.
	Across rolling sandy hills covered in scattered grass and sage.
40.02	Point for the 1/4 sec. cor. of secs. 31 and 36; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T28N R15E R16E 1/4 S36 S31
	2001

Dependent Resurvey of the West Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

	2. 20 M., W. 10 D., Olla and Balt Kivel Melidian, Alizona
CHAINS	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.04	The cor. of secs. 25, 30, 31 and 36, monumented with an iron post, 3 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. T28N R15E R16E S25 S30 S36 S31.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside of the iron post.
	North, bet. secs. 25 and 30.
15.60	Center line of Indian Route 2, bears N. 15° E. and S. 15° W.
40.02	Point for the $1/4$ sec. cor. of secs. 25 and 30; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R15E R16E 1/4 S25 S30 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.04	The cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T28N R15E R16E S24 S19 S25 S30.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°01' W., bet. secs. 19 and 24.
	Ascending over gentle, sandy slopes, broken by many small washes covered with scattered grass and sage.
40.00	The 1/4 sec. cor. of secs. 19 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. S24 1/4 S19 1908.

Dependent Resurvey of the West Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

	20 No, No. 10 Do, Olla and Balt River Meridian, Arizona
CHAINS	Add the marks T28N R15E R16E 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
40.02	The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 3 ins. diam., firmly set, projecting 20 ins. above ground, with brass cap mkd. T28N R15E R16E S13 S18 S24 S19.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, bet. secs. 13 and 18.
	Ascending over gentle sandy slopes covered with scattered grass and sage.
40.01	The 1/4 sec. cor. of secs. 13 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S13 1/4 S18 1908.
	Add the marks T28N R15E R16E 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
40.02	The cor. of secs. 7, 12, 13 and 18, monumented with an iron post, 3 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T28N R15E R16E S12 S7 S13 S18.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, bet. secs. 7 and 12.
	Ascending over gentle sandy slopes, broken by many small washes and covered with scattered grass and sage.

Dependent Resurvey of the West Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS 40.01	The 1/4 sec. cor. of secs. 7 and 12, monumented with an iron post, 1 in. diam., firmly set, projecting 1 in. above ground, with brass cap mkd. S12 1/4 S7 1908.
	Add the marks T28N R15E R16E 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
40.02	The cor. of secs. 1, 6, 7 and 12, monumented with an iron post, 3 ins. diam., firmly set, projecting 26 ins. above ground, with brass cap mkd. T28N R15E R16E S1 S6 S12 S7.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°02' W., bet. secs. 1 and 6.
	Ascending over gentle sandy slopes, broken by many small washes and covered with scattered grass and sage.
40.00	The 1/4 sec. cor. of secs. 1 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S1 1/4 S6 1908.
	Add the marks T28N R15E R16E 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°07' W., beginning new measurement.
37.86	The closing cor. of Tps. 28 N., Rs. 15 and 16 E., on the Seventh Stan. Par. N., monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. T29N R15E R16E S36 S31 CC R15E R16E S1 S6 T28N.
	Add the marks 2000 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.

Dependent Resurvey of the West Boundary, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	From this cor. point, the stan. 1/4 sec. cor. of sec. 36, T. 29 N., R. 15 E., bears S. 89°57' W., 1.19 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. SC T29N R15E S36 1/4 1998 1908. Dependent Resurvey of a Portion of the Subdivisional Lines, T. 28 N., R. 16 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.
40.01	Across rolling desert. The 1/4 sec. cor. of secs. 35 and 36, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground,
	with brass cap mkd. S35 1/4 S36 1908. Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post. North, beginning new measurement.
40.00	The cor. of secs. 25, 26, 35 and 36, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T28N R16E S26 S25 S35 S36 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, bet. secs. 25 and 26. Across rolling desert.
	noticed totaling description
40.00	The 1/4 sec. cor. of secs. 25 and 26, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S25 1/4 S26 1908.
	Add the marks T28N R16E 2001 to the brass cap.

CHAINS	Y
CHAINS	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
40.01	The cor. of secs. 23, 24, 25 and 26, monumented with the rusted remains of an iron post, 2 ins. diam., 6 ins. below ground.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R16E S23 S24
	s26 s25 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Bury remains of iron post alongside stainless steel post.
	N. 0°03' W., bet. secs. 23 and 24.
	Descending, over rolling desert.
40.02	The 1/4 sec. cor. of secs. 23 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. S23 1/4 S24 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Found squared juniper post, 3 X 2 X 28 ins. long, laying loose near iron post, mkd. 1/4.
	Deposit a magnet in a white plastic case and the juniper post alongside the iron post.
	N. 0°01' E., beginning new measurement.
40.03	Point for the cor. secs. 13, 14, 23 and 24, is located in wash, 1 ch. wide, 4 ft. deep, drains N. 60° W., from S. 82° E.

CHAINS	From this point, the point selected for a witness cor. to the cor. of secs. 13, 14, 23 and 24, bears S. 0°48' E., 1.00 ch. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. W C T28N R16E S15 S14 S23 S24 1908. Change marks S15 and S14 to read S14 and S13 and add the marks 2001 and an arrow pointing towards the cor to the brass cap. Deposit a magnet in a white plastic case alongside the iron post.
40.03	N. 0°01' E., bet. secs. 13 and 14. Over rolling desert. The 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground,
	with brass cap mkd. S14 1/4 S13 1908. Add the marks T28N R16E 2001 to the brass cap. Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., hereinbefore described N. 0°04' E., bet. secs. 34 and 35. Across rolling desert.
40.01	The 1/4 sec. cor. of secs. 34 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S34 1/4 S35 1908. Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post. N. 0°01' E., beginning new measurement.
40.01	The cor. of secs. 26, 27, 34 and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T28N R16E S27 S26 S34 S35 1908. Add the marks 2001 to the brass cap.

CHAINS	
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 25, 26, 35 and 36.
	N. 89°45' W., bet. secs. 26 and 35.
	Descending over rolling desert.
39.93	The 1/4 sec. cor. of secs. 26 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S26 1/4 S35 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°45' W., beginning new measurement.
39.98	
39.90	The cor. of secs. 26, 27, 34 and 35.
	North, bet. secs. 26 and 27.
	Over rolling desert.
40.02	The 1/4 sec. cor. of secs. 26 and 27, monumented with the rusted remains of an iron post, 1 in. diam., 10 ins. below ground.
	At the corner point
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T28N R16E
	1/4 S27 S26
	2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Bury remains of the iron post alongside of the stainless steel post.
	North, beginning new measurement.

20.02	A wood post, 5 X 6 ins., firmly set, projecting 9 ins. above ground, mkd. faintly on N. face.
40.02	The cor. of secs. 22, 23, 26 and 27, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T28N R16E S22 S23 S27 S26 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 23, 24, 25 and 26.
	N. 89°43' W., bet. secs. 23 and 26.
	Descending over rolling desert.
39.92	The 1/4 sec. cor. of secs. 23 and 26, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S23 1/4 S26 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°44' W., beginning new measurement.
19.985	A wood post, 4 X 4 ins., firmly set, projecting 12 ins. above ground, mkd. faintly on N. face.
39.97	The cor. of secs. 22, 23, 26 and 27.
	North, bet. secs. 22 and 23.
	Over open rolling desert.
39.99	The 1/4 sec. cor. of secs. 22 and 23, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S22 1/4 S23 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.

CHAINS 40.01	The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. T28N R16E S15 S14 S22 S23 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the true point for the cor. of secs. 13, 14, 23 and 24.
	N. 89°46' W., bet. secs. 14 and 23.
	Descending over rolling desert.
39.91	The 1/4 sec. cor. of secs. 14 and 23, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S14 1/4 S23 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°46' W., beginning new measurement.
39.93	The cor. of secs. 14, 15, 22 and 23.
	N. 0°01' E., bet. secs. 14 and 15.
	Over open rolling desert.
40.02	The 1/4 sec. cor. of secs. 14 and 15, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S15 1/4 S14 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
40.00	The cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T28N R16E S10 S11 S15 S14 1908.
	Add the marks 2001 to the brass cap.

CHAINS	
	Deposit a magnet in a white plastic case alongside the iron post.
	From the 1/4 sec. cor. of secs. 11 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S11 1/4 S14 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°48' W., bet. secs. 11 and 14.
	Descending over rolling desert.
39.92	The cor. of secs. 10, 11, 14 and 15.
	N. 0°03' W., bet. secs. 10 and 11.
	Over rolling desert.
40.01	Point for the 1/4 sec. cor. of secs. 10 and 11; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R16E 1/4 S10 S11 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.02	The cor. of secs. 2, 3, 10 and 11, monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T28N R16E S3 S2 S10 S11 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the 1/4 sec. cor. of secs. 2 and 11, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S2 1/4 S11 1908.

CHAINS	
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°45' W., bet. secs. 2 and 11.
	Descending over rolling desert.
40.02	The cor. of secs. 2, 3, 10 and 11.
	N. 0°01' W., bet. secs. 2 and 3.
	Over open rolling desert.
40.00	The 1/4 sec. cor. of secs. 2 and 3, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S3 1/4 S2 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°01' W., beginning new measurement.
5.60	Left bank of Oraibi Wash, 60 ft. deep, bears N. 50° E. and S. 64° W
39.30	Point for the closing cor. of secs. 2 and 3, at proportionate dist. based on the 1908-09 field note record of the Seventh Stan. Par. N.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., flush with the ground, with brass cap mkd.
	T29N R16E S34
	S3 S2 T28N R16E
	cc 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located on SE slope of new sewage pond dam.

CHAINS

40.01

From this cor. point, the stan. 1/4 sec. cor. of sec. 34, T. 29 N., R. 16 E., bears S. $89^{\circ}59^{\circ}$ W., 0.34 ch. dist. monumented with a magnet in a 1 x 1 x 2 5/8 ins. white plastic case, firmly set, 12 ins. below the ground.

from which

A stainless steel post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 3 ins. above ground, for a reference monument, bears N. 58°51' E., 146.4 ft. dist., with brass cap mkd. RM T29N R16E S34 146.4 FT TO SC 1/4 1998, with an arrow pointing to the cor.

From this same cor. point, the stan. cor. of secs. 34 and 35, T. 29 N., R. 16 E., bears N. 89°59' E., 39.66 chs. dist., monumented with a stainless steel post, 2½ ins. diam., firmly set, 12 ins. below the ground, with brass cap mkd. SC T29N R16E S34 S35 1998.

From the cor. secs. 3, 4, 33, and 34, on the S. bdy. of the Tp., hereinbefore described.

North, bet. secs. 33 and 34.

Across rolling desert.

The 1/4 sec. cor. of secs. 33 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S33 1/4 S34 1908.

Add the marks T28N R16E 2001 to the brass cap.

Deposit a magnet in a white plastic case alongside the iron post.

N. 0°01' E., beginning new measurement.

40.01 The cor. of secs. 27, 28, 33 and 34, monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T28N R16E S28 S27 S33 S34 1908.

Add the marks 2001 to the brass cap.

Deposit a magnet in a white plastic case alongside the iron post.

From the cor. of secs. 26, 27, 34 and 35.

N. 89°47' W., bet. secs. 27 and 34.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

01141110	
CHAINS	Descending over rolling desert.
40.01	The 1/4 sec. cor. of secs. 27 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S27 1/4 S34 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°46' W., beginning new measurement.
40.03	The cor. of secs. 27, 28, 33 and 34.
	N. 0°02' E., bet. secs. 27 and 28.
	Across nearly level desert.
40.03	The 1/4 sec. cor. of secs. 27 and 28, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. S28 1/4 S27 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°03' E., beginning new measurement.
40.02	The cor. of secs. 21, 22, 27 and 28, monumented with an iron post, 2 ins. diam., firmly set, 3 ins. below the ground, with brass cap mkd. T28N R16E S21 S22 S28 S27 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	Create depression around iron post, 4 ft. diam., 6 ins. deep.
	From the cor. of secs. 22, 23, 26 and 27.
	N. 89°46' W., bet. secs. 22 and 27.
	Descending over nearly level desert.

CHAINS	
39.98	The 1/4 sec. cor. of secs. 22 and 27, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S22 1/4 S27 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°46' W., beginning new measurement.
39.99	The cor. of secs. 21, 22, 27 and 28.
	N. 0°01' E., bet. secs. 21 and 22.
	Across nearly level desert.
40.01	The 1/4 sec. cor. of secs. 21 and 22, monumented with an iron post, 1 in. diam., firmly set, 24 ins. below the ground, with brass cap mkd. S21 1/4 S22 1908.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, above the iron post, with brass cap mkd.
	T28N R16E 1/4 S21 S22 2001
	Deposit a magnet in a white plastic case alongside the iron post.
	Cor. is located at the edge of old cultivated fields.
	N. 0°01' E., beginning new measurement.
40.04	The cor. of secs. 15, 16, 21 and 22, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T28N R16E S16 S15 S21 S22 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 14, 15, 22 and 23.
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CHAING	
CHAINS	N. 89°44' W., bet. secs. 15 and 22.
	Descending over nearly level desert.
39.97	Point for the 1/4 sec. cor. of secs. 15 and 22; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T28N R16E
	\$15 1/4 ———
	S22 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
77.43	From this point, a wood post, 6 X 5 ins., firmly set, projecting 28 ins. above ground, mkd. with a 1 and 4 on the N. face, bears S., 1.08 chs. dist.
79.94	The cor. of secs. 15, 16, 21 and 22.
	North, bet. secs. 15 and 16.
	Across nearly level desert.
40.05	The 1/4 sec. cor. of secs. 15 and 16, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S16 1/4 S15 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
6.00	Left bank of Oraibi Wash, 50 ft. deep, bears N. 20 $^{\circ}$ E. and S. 40 $^{\circ}$ W.
36.50	Right bank of same wash, bears N. 30° E. and S. 30° W.
40.00	The cor. of secs. 9, 10, 15 and 16, monumented with an iron post, 2 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. T28N R16E S9 S10 S16 S15 1908.
	Add the marks 2001 to the brass cap.

CHAINS	
	Deposit a magnet in a white plastic case alongside the iron post.
	Raise a mound of earth, 3 ft. base, 1 ft. high, around iron post.
	From the cor. of secs. 10, 11, 14 and 15.
	N. 89°43' W., bet. secs. 10 and 15.
	Descending over rolling desert.
39.99	The 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S10 1/4 S15 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°43' W., beginning new measurement.
26.30	Left bank of Oraibi Wash, 50 ft. deep, bears N. 60° E. and S. 65° W.
35.00	Right bank of same wash, bears N. 34° E. and S. 52° W.
39.94	The cor. of secs. 9, 10, 15 and 16.
	N 0°051 W hat are 0 and 10
	N. 0°05' W., bet. secs. 9 and 10.
	Ascend over nearly level desert.
39.97	The 1/4 sec. cor. of secs. 9 and 10, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S9 1/4 S10 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°03' W., beginning new measurement.
40.00	The cor. of secs. 3, 4, 9 and 10, monumented with an iron post, 2 ins. diam., firmly set, 8 ins. below the ground, with brass cap mkd. T28N R16E S4 S3 S9 S10 1908.

CHAINS	
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	Create depression around iron post, 4 ft. diam., 10 ins. deep.
	From this cor. point, U. S. Coast and Geodetic Survey triangulation station N 70 1934, bears N. 32°49' W., 34.05 chs. dist., monumented with a standard brass disk, 3 ins. diam., cemented in a concrete post, 8 ins. square, firmly set, projecting 3 ins. above ground, with top mkd. N 70 1934 and a triangle.
	From the cor. of secs. 2, 3, 10 and 11.
	N. 89°45' W., bet. secs. 3 and 10.
	Across nearly level desert.
36.20	Left bank of Oraibi Wash, 50 ft. deep, bears S. 15° E. and N. 10° W.
39.97	Point for the 1/4 sec. cor. of secs. 3 and 10; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T28N R16E S3
	1/4 ——
	s10
	2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Raise a mound of stone, 2 ft. base, 2 ft. high, N. of cor.
	Cor. is located on the floor of Oraibi Wash, on the E. side of the stream bed.
47.80	Right bank of Oraibi Wash, 50 ft. deep, bears N. 38° E. and S. 20° W.
79.94	The cor. of secs. 3, 4, 9 and 10.

CUADIO	
CHAINS	N. 0°02' W., bet. secs. 3 and 4.
	Ascend over nearly level desert.
18.60	Center line Indian Route 2, bears S. 74° W. and curving to the NE.
40.00	Point for the 1/4 sec. cor. of secs. 3 and 4, there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.
	T28N R16E
	1/4 s4 s3 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
78.90	The closing cor. of secs. 3 and 4, on the Seventh Stan. Par. N., monumented with an iron post, 2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd. T29N R16E S33 S34 CC S4 S3 T28N 1998.
	From this cor. point, the stan. 1/4 sec. cor. of sec. 33, T. 29 N., R. 16 E., bears S. 89°58' W., 0.37 ch. dist., monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T29N R16E 1/4 S33 1998, from which the remains of the original bearing tree
	A juniper, 10 ins. diam., bears N. 37° W., 71 lks. dist., no marks visible on partial blaze.
	The point for the 1/4 sec. cor. of sec. 3 only, T. 28 N., R. 16 E., is at midpoint on the N. bdy. of sec. 3.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd.
	T29N R16E
	1/4 S3 T28N R16E 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

CHAINS

Cor. is located in W. track of track road near rodeo grounds, 10 ft. wide, bearing N. and S.

From this cor. point, the stan. cor. of secs. 33 and 34, T. 29 N., R. 16 E., bears S. 89°59' W., 0.36 ch. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. SC T29N R16E S33 S34 1998.

From the cor. secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., hereinbefore described.

N. 0°04' W., bet. secs. 32 and 33.

Across nearly level desert.

40.00

The 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 1 in. diam., broken off 13 ins. below the ground, with brass cap mkd. S32 1/4 S33 1908.

At the corner point

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T28N R16E 1/4 S32 | S33 2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Deposit the remains of iron post inside the stainless steel post.

N. $0^{\circ}05'$ W., beginning new measurement.

40.01

The cor. of secs. 28, 29, 32 and 33, monumented with rusted remains of an iron post, 2 ins. diam.

At the corner point

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.

CHAINS	T
O I I I I I	T28N R16E
	S29 S28
	S32 S33
	2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Deposit the remains of iron post both inside and alongside the stainless steel post.
	From the cor. of secs. 27, 28, 33 and 34.
	N. 89°47' W., bet. secs. 28 and 33.
	Across nearly level desert.
40.06	The 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. S28 1/4 S33 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°48' W., beginning new measurement.
40.05	The cor. of secs. 28, 29, 32 and 33.
	N. 0°04' W., bet. secs. 28 and 29.
	Across nearly level desert.
40.01	The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron post, 1 in. diam., broken off 16 ins. below the ground, with brass cap mkd. S29 1/4 S28 1908.
	At the corner point
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R16E 1/4
	S29 S28 2001

CHAINS	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Bury the larger portion of the iron post alongside the stainless steel post.
	Deposit the balance of remains inside the stainless steel post.
	N. 0°03' W., beginning new measurement.
40.05	The cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. T28N R16E S20 S21 S29 S28 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	Raise a mound of earth, 3 ft. base, 8 ins. high, around the iron post.
	From the cor. of secs. 21, 22, 27 and 28.
	N. 89°47' W., bet. secs. 21 and 28.
	Descending over nearly level desert.
40.12	The 1/4 sec. cor. of secs. 21 and 28, monumented with the remains of an iron post, 1 in. diam., 24 ins. below the ground.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, over the remains, with brass cap mkd.
	T28N R16E S21
	1/4 ————————————————————————————————————
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 89°48' W., beginning new measurement.

21141512	
40.12	The cor. of secs. 20, 21, 28 and 29.
	North, bet. secs. 20 and 21.
31.00	Left bank of Oraibi Wash, 50 ft. deep, bears N. 40° E. and S. 40° W.
40.03	Point for the 1/4 sec. cor. of secs. 20 and 21; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T28N R16E 1/4 S20 S21 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located on floor of Oraibi Wash, on the W. side of stream bed.
44.90	Right bank of Oraibi Wash, 50 ft. deep, bears N. 83° E. and S. 30° W.
80.06	The cor. of secs. 16, 17, 20 and 21, monumented with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T28N R16E S17 S16 S20 S21 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 15, 16, 21 and 22.
	N. 89°47' W., bet. secs. 16 and 21.
	Across nearly level desert.
26.50	Left bank of Oraibi Wash, 50 ft. deep, bears N. and S.
38.80	Right bank of same wash, bears N. 35° E. and S. 35° W.
40.13	The 1/4 sec. cor. of secs. 16 and 21, monumented with the remains of an iron post, 1 in. diam., at ground surface.
	At the corner point

CHAINS	Set a stainless steel post, 28 ins. long, 2½ ins. diam., flush with the ground, with brass cap mkd.
	T28N R16E S16 1/4 —— S21 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Bury the remains of the iron post alongside the stainless steel post.
	N. 89°47' W., beginning new measurement.
40.13	The cor. of secs. 16, 17, 20 and 21.
	N. 0°01' W., bet. secs. 16 and 17.
	Leave dunes and cross nearly level desert.
40.00	The 1/4 sec. cor. of secs. 16 and 17, monumented with an iron post, 1 in. diam., 2 ins. below the ground, with brass cap mkd. S17 1/4 S16 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	Create depression around iron post, 4 ft. diam., 6 ins. deep.
	N. 0°01' W., beginning new measurement.
30.00	Center line of Indian Route 2, bears N. 28° E. and S. 28° W.
40.00	The cor. of secs. 8, 9, 16 and 17, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T28N R16E S8 S9 S17 S16 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.

CHAINS	
CHAINS	From the cor. of secs. 9, 10, 15 and 16.
	N. 89°48' W., bet. secs. 9 and 16.
	Across nearly level desert.
40.17	The 1/4 sec. cor. of secs. 9 and 16, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. S9 1/4 S16 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°50' W., beginning new measurement.
34.90	Center line of Indian Route 2, bears N. 28° E. and S. 28° W.
40.11	The cor. of secs. 8, 9, 16 and 17.
	North, bet. secs. 8 and 9.
	Across nearly level desert.
39.98	The 1/4 sec. cor. of secs. 8 and 9, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S8 1/4 S9 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°01' W., beginning new measurement.
39.99	The cor. of secs. 4, 5, 8 and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T28N R16E S5 S4 S8 S9 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 3, 4, 9 and 10.

Dependent Resurvey of a Portion of the Subdivisional Lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 89°48' W., bet. secs. 4 and 9.
	Across gently rolling desert.
40.10	The 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S4 1/4 S9 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°50' W., beginning new measurement.
40.09	The cor. of secs. 4, 5, 8 and 9.
	N. 0°01' W., bet. secs. 4 and 5.
	Over open rolling desert.
40.01	The 1/4 sec. cor. of secs. 4 and 5, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S5 1/4 S4 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°02' W. on a bearing for convergency, beginning new measurement.
38.59	Intersect the Seventh Stan. Par. N., point for the closing cor. of secs. 4 and 5; there is no remaining evidence of the original cor. Smith's record of 6.25 chs. to the stan. 1/4 sec. cor. of sec. 32, T. 29 N., R. 16 E., would distort secs. 4 and 5, therefore is not utilized for proportioning.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T29N R16E S32
	S5 S4 T28N R16E CC 2001

CHAINS

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From this cor. point, the stan. 1/4 sec. cor. of sec. 32, T. 29 N., R. 16 E., bears S. 89°58' W., 0.22 ch. dist., monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. SC T29N R16E 1/4 S32 1998.

From this same cor. point, the stan. cor. of secs. 32 and 33, bears N. 89°58' E., 39.79 chs. dist., monumented with a stainless steel post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T29N R16E S32 S33 1998.

The point for the 1/4 sec. cor. of sec. 4 only, T. 28 N., R. 16 E., is at midpoint on the N. bdy. of sec. 4.

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R16E

1/4 S4 T28N 2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From this cor. point, the stan. cor. of secs. 32 and 33, T. 29 N., R. 16 E., bears S. 89°58' W., 0.295 ch. dist., hereinbefore described.

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

N. 0°06' W., bet. secs. 31 and 32.

Across nearly level desert.

- 18.00 Left bank of Oraibi Wash, 60 ft. deep, bears N. 25° E. and S. 25° W.
- 34.20 Right bank of same wash, bears N. 77° E. and S. 77° W.
- Point for the 1/4 sec. cor. of secs. 31 and 32; there is no remaining evidence of the original cor.

CHAINS	
S PANO	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T28N R16E
	1/4
	S31 S32
	2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.04	The cor. of secs. 29, 30, 31 and 32, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T28N R16E S30 S29 S31 S32 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 28, 29, 32 and 33.
	N. 89°46' W., bet. secs. 29 and 32.
	Across gently rolling desert.
40.01	The 1/4 sec. cor. of secs. 29 and 32, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S29 1/4 S32 1908.
	Add the marks T28N R16E 2001 to the brass cap.
·	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°45' W., beginning new measurement.
10.60	Left bank of Oraibi Wash, 60 ft. deep, bears N. 20° E. and S. 37° W.
21.60	Right bank of same wash, bears S. 45° E. and N. 45° W.
40.02	The cor. of secs. 29, 30, 31 and 32.
	N. 89°47' W., bet. secs. 30 and 31.
	Over rolling desert.

CHAINS	
40.02	The 1/4 sec. cor. of secs. 30 and 31, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. S30 1/4 S31 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°49' W., beginning new measurement.
39.21	The cor. of secs. 25, 30, 31 and 36, on the W. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°05' W., bet. secs. 29 and 30.
	Over rolling desert.
40.02	The 1/4 sec. cor. of secs. 29 and 30, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S30 1/4 S29 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°02' W., beginning new measurement.
40.02	Point for the cor. of secs. 19, 20, 29 and 30; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R16E S19 S20
	s30 s29 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	From the cor. of secs. 20, 21, 28 and 29.

CHAINS	
	N. 89°46' W., bet. secs. 20 and 29.
	Over rolling desert.
17.10	Left bank of Oraibi Wash, 60 ft. deep, bears N. 30° E. and S. 30° W.
29.00	Right bank of same wash, bears N. 24° E. and S. 14° W.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 29; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, with brass cap mkd.
	T28N R16E
	\$20 1/4 ————
	s29
	2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	The cor. of secs. 19, 20, 29 and 30.
	N. 89°48' W., bet. secs. 19 and 30.
	Over rolling desert.
40.04	The 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S19 1/4 S30 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°48' W., beginning new measurement.
9.60	Center line of Indian Route 2, bears N. 46° E. and S. 46° W.
39.10	The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 19, 20, 29 and 30.
	N. 0°02' W., bet. secs. 19 and 20.

CHAINS	Over rolling desert.
40.02	The 1/4 sec. cor. of secs. 19 and 20, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S19 1/4 S20 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	North, beginning new measurement.
8.20	Center line of Indian Route 2, bears N. 46° E. and S. 46° W.
40.03	The cor. of secs. 17, 18, 19 and 20, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T28N R16E S18 S17 S19 S20 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 16, 17, 20 and 21.
	N. 89°47' W., bet. secs. 17 and 20.
	Over rolling desert.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 20; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R16E
	1/4 ———
	, S20
	2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
7.30	Center line of Indian Route 2, bears N. 46° E. and S. 46° W.
80.00	The cor. of secs. 17, 18, 19 and 20.

CHAINS	
	N. 89°49' W., bet. secs. 18 and 19.
	Over rolling desert.
40.00	The 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S18 1/4 S19 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°49' W., beginning new measurement.
39.11	The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 17, 18, 19 and 20.
	N. 0°03' W., bet. secs. 17 and 18.
	Over rolling desert.
40.01	The 1/4 sec. cor. of secs. 17 and 18, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S18 1/4 S17 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°01' W., beginning new measurement.
39.99	The cor. of secs. 7, 8, 17 and 18, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T28N R16E S7 S8 S18 S17 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 8, 9, 16 and 17.
	N. 89°45' W., bet. secs. 8 and 17.

CHAINS				
	Over rolling desert.			
40.00	The 1/4 sec. cor. of secs. 8 and 17, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground with brass cap mkd. S8 1/4 S17 1908.			
	Add the marks T28N R16E 2001 to the brass cap.			
	Deposit a magnet in a white plastic case alongside the iron post.			
	N. 89°49' W., beginning new measurement.			
40.00	The cor. of secs. 7, 8, 17 and 18.			
:	N. 89°47' W., bet. secs. 7 and 18.			
	Over rolling desert.			
33.19	From this point, a stone, 2 X 13 X 15 ins., laying loose on ground, mkd. 1/16, bears North, 19.91 chs. dist.			
	Add the marks AM to the stone.			
	Bury stone inverted and in place			
40.00	Point for the 1/4 sec. cor. of secs. 7 and 18; there is no remaining evidence of the original cor.			
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.			
	T28N R16E			
	S7			
	1/4			
	S18 2001			
	Deposit a magnet in a white plastic case at the base of the stainless steel post.			
79.06	The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described.			
	From the cor. of secs. 7, 8, 17 and 18.			
	N. 0°03' W., bet. secs. 7 and 8.			
	Over rolling desert.			

40.00	The 1/4 sec. cor. of secs. 7 and 8, monumented with an iron post, 1 in. diam., firmly set, 30 ins. below the ground, with brass cap mkd. S7 1/4 S8 1908.
	Add the marks 2001 to the brass cap. Unable to add Tp. and Rg.
	Deposit a magnet in a white plastic case alongside the iron post.
	Cor. is located in cultivated field.
	N. 0°02' W., beginning new measurement.
39.97	The cor. of secs. 5, 6, 7 and 8, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T28N R16E S6 S5 S7 S8 1908.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From the cor. of secs. 4, 5, 8 and 9.
	N. 89°47' W., bet. secs. 5 and 8.
	Over rolling desert.
40.01	The 1/4 sec. cor. of secs. 5 and 8, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S5 1/4 S8 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°47' W., beginning new measurement.
40.02	The cor. of secs. 5, 6, 7 and 8.
	N. 89°44' W., bet. secs. 6 and 7.
	Over rolling desert.
40.03	The 1/4 sec. cor. of secs. 6 and 7, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S6 1/4 S7 1908.

CHAINS	
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°44' W., beginning new measurement.
38.97	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
	From the cor. of secs. 5, 6, 7 and 8.
	N. 0°02' W., bet. secs. 5 and 6.
	Over rolling desert.
39.97	The 1/4 sec. cor. of secs. 5 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. S6 1/4 S5 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 0°03' W., beginning new measurement.
38.30	The closing cor. of secs. 5 and 6, on the Seventh Stan. Par. N., monumented with an iron post, 2 ins. diam., firmly set, flush with ground, with brass cap mkd. T29N R16E S31 S32 CC S6 S5 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From this cor. point, the stan. 1/4 sec. cor. of sec. 31, T. 29 N., R. 16 E., bears S. 89°59' W., 0.16 ch. dist., monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T29N R16E 1/4 S31 1998.
	The point for the 1/4 sec. cor. of sec. 5 only, T. 28 N., R. 16 E., is at midpoint on the N. bdy. of sec. 5.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.

CHAINS

T29N R16E

1/4 S5 T28N R16E 2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From this cor. point, the stan. cor. of secs. 31 and 32, T. 29 N., R. 16 E., bears S. 89°58' W., 0.21 ch. dist., monumented with a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. SC T29N R16E S31 S32 1998.

The point for the 1/4 sec. cor. of sec. 6 only, T. 28 N., R. 16 E., 40.00 chs. dist. from the closing cor. secs. 5 and 6, on the N. bdy. of sec. 6.

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

T29N R16E

1/4 S6 T28N R16E 2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From this cor. point, the stan. cor. of Tps. T.29 N., Rs. 15 and 16 E. bears S. 89°59' W., 0.19 ch. dist., monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. SC T29N R15E R16E S36 S31 1998, with a sandstone 15 X 10 X 7 ins., lying loose alongside, mkd. with 6 grooves on one face, 6 grooves on opposite face and SC on other face.

Survey of a Portion of the Subdivisional Lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

From the cor. secs. 25, 30, 31, and 36, on the E. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T28N R16E R17E S25 S30 S36 S31 1999, witnessed with a mound of stone, 3 ft. base, 2 ft. high W., of cor.

N. 89°47' W., bet. secs. 25 and 36.

·	1. 20 R., R. 10 B., Gila and Salt Rivel Molitatin, Milledia			
CHAINS				
	Descending from mesa into rolling eroded lands.			
39.98	Point for the 1/4 sec. cor. of secs. 25 and 36, falls in bottom of ravine in broken terrain.			
	From this point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 25 and 36, bears S. 1°33' W., 0.64 ch. dist.			
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 23 ins. in the ground, with brass cap mkd.			
	wc			
1	T28N R16E			
	S25 ↑			
	1/4			
	s36			
	2001			
	Deposit a magnet in a white plastic case at the base of the stainless steel post.			
79.96	The cor. of secs. 25, 26, 35 and 36, hereinbefore described.			
	Land, steep, eroded areas and rolling hills.			
	Soil, rocky near mesa, sandy to sandy loam.			
	Vegetation, grass, sage and occasional tumbleweed.			
	From the cor. secs. 19, 24, 25, and 30, on the E. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T28N R16E R17E S24 S19 S25 S30 1999, witnessed with a mound of stone, 2½ ft. base, 2 ft. high, W. of cor.			
	N. 89°49' W., bet. secs. 24 and 25.			
	Across broken sandy terrain, ascending over small, rocky arm of mesa.			
39.97	Point accepted for the 1/4 sec. cor. of secs. 24 and 25, occupied with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. S24 1/4 S25 1908.			
	Add the marks T28N R16E 2001 to the brass cap.			
	Deposit a magnet in a white plastic case alongside the iron post.			
	Rebuild mound of stone, 3 ft. base, 4 ft. high N. of cor.			

CHAINS	The state of the s
	Cor. is located on the W. scree slope of arm of mesa.
	N. 89°49' W., beginning new measurement.
39.99	The cor. of secs. 23, 24, 25 and 26, hereinbefore described.
	Land, steep and eroded terrain. Soil, rocky near mesa, clay and sand in foothills. Vegetation, grass, sage and occasional tumbleweed.
	From the cor. secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T28N R16E R17E S13 S18 S24 S19 1999.
	N. 89°47' W., bet. secs. 13 and 24.
	Across rolling desert.
39.98	Point for the 1/4 sec. cor. of secs. 13 and 24.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T28N R16E S13
	1/4
	S24 2001
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
79.96	The true point for the cor. secs. 13, 14, 23 and 24, hereinbefore described.
	Land, rolling desert, broken by many small washes.
	Soil, sandy loam. Vegetation, grass, sage and occasional tumbleweed.
	From the 1/4 sec. cor. of secs. 13 and 14, hereinbefore described.
	North, bet. secs. 13 and 14.

Survey of a Portion of the Subdivisional Lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

	T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona
CHAINS	
40.03	Point accepted for the cor. of secs. 11, 12, 13 and 14, occupied with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. T28N R16E S11 S12 S14 S13 1908, with a juniper post, 3 X 3 ins., firmly set, projecting 19 ins. above ground, mkd. faintly on N. side, alongside.
	Add the marks 2001 to the brass cap.
	Deposit a magnet in a white plastic case and bury the juniper post, 34 ins. long, alongside the iron post.
	Land, rolling desert, broken by many small washes. Soil, sandy loam. Vegetation, grass, sage and occasional tumbleweed.
	From the cor. secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T28N R16E R17E S12 S7 S13 S18 1999.
	N. 89°47' W., bet. secs. 12 and 13.
	Over rolling desert.
39.97	Point accepted for the 1/4 sec. cor. of secs. 12 and 13, occupied with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. S12 1/4 S13 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	N. 89°48' W., beginning new measurement.
39.96	The cor. secs. 11, 12, 13 and 14.
	Land, rolling desert, broken by many small washes. Soil, sandy loam. Vegetation, grass, sage and occasional tumbleweed.
	North, bet. secs. 11 and 12.
	Over rolling desert.
39.98	Point accepted for the 1/4 sec. cor. of secs. 11 and 12, occupied with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. S11 1/4 S12 1908.

C	н	A	ī	J.

Add the marks T28N R16E 2001 to the brass cap.

Deposit a magnet in a white plastic case alongside the iron post.

North, beginning new measurement.

39.97

Point accepted for the cor. of secs. 1, 2, 11 and 12, occupied with the remains of an iron post, 2 ins. diam., firmly set, 12 ins. below ground, with a scattered mound of stone W. of cor.

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd.

Deposit the remains of the iron post inside the stainless steel post.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Rebuild mound of stone, 5 ft. base, 4 ft. high, W. of cor.

Land, rolling terrain, broken by many small washes. Soil, sandy loam.

Vegetation, grass, sage and occasional tumbleweed.

From the cor. secs. 1, 6, 7 and 12 on the E. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd. T28N R16E R17E S1 S6 S12 S7 1999, witnessed with a mound of stone, 2 ft. base, 1 ft. high, W. of cor.

N. 89°51' W., bet. secs. 1 and 12.

Ascend onto Taawaki mesa.

39.95

Point accepted for the 1/4 sec. cor. of secs. 1 and 12, occupied with an iron post, 1 in. diam., firmly set, projecting 17 ins. above ground, with brass cap mkd. S1 1/4 S12 1908.

Add the marks T28N R16E 2001 to the brass cap.

Deposit a magnet in a white plastic case alongside the iron post.

CHAINS	Raise a supporting mound of stone, 3 ft. base, to top of monument.
	Cor. is located on top of Taawaki mesa.
	N. 89°50' W., beginning new measurement.
	Descend mesa into foothills.
39.96	The cor. secs. 1, 2, 11 and 12.
	Land, rolling desert, broken by many small washes. Soil, rocky near the mesa, clay and sand in foothills. Vegetation, grass, sage and occasional tumbleweed.
	N. 0°01' W., bet. secs. 1 and 2.
	Over rolling desert.
39.97	Point accepted for the 1/4 sec. cor. of secs. 1 and 2, occupied with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. S2 1/4 S1 1908.
	Add the marks T28N R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	N. 0°02' W., beginning new measurement.
39.70	Intersect the Seventh Stan. Par. N., point for the closing cor. of secs. 1 and 2, occupied with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T29N R16E S35 CC S36 S2 S1 T28N 1998 1908.
	Add the marks R16E 2001 to the brass cap.
	Deposit a magnet in a white plastic case alongside the iron post.
	From this cor. point, the stan. 1/4 sec. cor. of sec. 35, T. 29 N., R. 16 E., bears West, 0.20 ch. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T29N R16E S35 1/4 1998 1908.

CHAINS

Land, rolling desert, broken by many small washes. Soil, sandy loam.

Vegetation, grass, sage and occasional tumbleweed.

The point for the 1/4 sec. cor. of sec. 1 only, T. 28 N., R. 16 E., is at midpoint on the N. bdy. of sec. 1.

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, with brass cap mkd.

T29N R16E

1/4 S1 T28N R16E 2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From this cor. point, the stan. cor. of secs. 35 and 36, T. 29 N., R. 16 E., bears N. 89°59' W., 0.205 ch. dist., monumented with a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. SC T29N R16E S35 S36 1998.

The point for the 1/4 sec. cor. of sec. 2 only, T. 28 N., R. 16 E., is at midpoint on the N. bdy. of sec. 2.

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 15 ins. below the ground, with brass cap mkd.

T29N R16E

1/4 S2 T28N 2001

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Cor. is located on edge of cultivated field.

From this cor. point, the stan. cor. of secs. 34 and 35, T. 29 N., R. 16 E., bears S. 89°59' W., 0.27 ch. dist., hereinbefore described.

From the cor. of secs. 11, 12, 13 and 14.

N. 89°47' W., bet. secs. 11 and 14.

Survey of a Portion of the Subdivisional Lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

	1. 20 M., R. 10 E., Glia and Salt River Meridian, Arizona
CHAINS	Descending over rolling desert.
39.91	The 1/4 sec. cor. of secs. 11 and 14, hereinbefore described.
	Land, rolling desert, broken by many small washes.
}	Soil, sandy loam. Vegetation, grass, sage and occasional tumbleweed.
	From the cor. of secs. 1, 2, 11 and 12.
	N. 89°45' W., bet. secs. 2 and 11.
	Descending over rolling desert.
39.86	The 1/4 sec. cor. of secs. 2 and 11, hereinbefore described.
	Land, rolling desert, broken by many small washes.
	Soil, rocky near the mesa, clay and sand in foothills. Vegetation, grass, sage and occasional tumbleweed.
	GENERAL DESCRIPTION
	This survey is located on the Hopi Indian Reservation, on the southern edge of the community around the town of Kykotsmovi. Indian Route 2 leads to Kykotsmovi across the township in a NE and SW direction north of Oraibi Wash. A network of dirt roads provides other access within the township. Many cultivated fields are throughout the township; the active fields appear to grow good crops.
	The township is practically bisected by the Oraibi Wash which carves its way from the NE to the SW. The land generally slopes towards this wash from the E and NW. Rolling sand dunes have formed along the northern side of the wash, while the ground is nearly level on the southern side. There are only two mesas within this survey, both along the E. boundary. The elevation ranges from 6260 feet above sea level on the mesas to 5300 feet in the wash.
	There are very few trees within the survey, mostly juniper located around the settled area in the N. portion of the township. There are some small pinon pines, juniper and creosote on the mesas, but the majority of the township is covered with scattered grass and sage. Greasewood grows along the southern side of Oraibi Wash but not on the northern side.

T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	The mean magnetic declination of 12° E., was derived from the
	United States Geological Survey computer program GEOMAGIX,
	utilizing the Regional Magnetic Field Model for Epoch 2000 for
	the dates of survey.
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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Joe R. Salazar	Land Surveyor
Dale C. Wilson	Supv. Land Surveyor
Robert J. Lyle	Surveying Technician
Cheryl A. Hansen	Surveying Technician

CERTIFICATE OF SURVEY

We, Geoffrey A. Graham and Stephen K. Hansen, Cadastral Surveyors, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 13th day of September, 2000, we have dependently resurveyed the south and west boundaries and a portion of the subdivisional lines and surveyed a portion of the subdivisional lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by us and under our direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

12 /20/2007 (Date)	Medfey A. Michan (Cadastral Surveyor)
/ /(Date)	(Cadastral Surveyor)
1/03/2002	Stephen K. Hansen
(Date)	(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the dependent resurvey of the south and west boundaries and a portion of the subdivisional lines and the survey of a portion of the subdivisional lines, T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona, executed by Geoffrey A. Graham and Stephen K. Hansen, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

Guly 32, 2002

| Chief Cadastral Surveyor of Arizona)

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 28 N., R. 16 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Chief Cadastral Surveyor of Arizona)