Book 6027

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE EAST BOUNDARY

TOWNSHIP 24 NORTH, RANGE 21 EAST

THE SURVEY OF THE SOUTH BOUNDARY,

THE SUBDIVISIONAL LINES,

AND THE SUBDIVISION OF CERTAIN SECTIONS

TOWNSHIP 24 NORTH, RANGE 22 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Fabian Yazzie, Cadastral Surveyor

Under Special Instructions, dated November 6, 2013, approved November 6, 2013, which provided for the surveys included under Group No. 1126, and Assignment Instructions dated November 6, 2013.

Survey commenced November 6, 2013

Survey completed May 13, 2014

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TOWNSHIP 24 NORTH RANGE 22 EAST
GILA & SALT RIVER MERIDIAN, ARIZONA

SIXTH STANDARD PARALLEL NORTH

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T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of the east boundary (west boundary), Township 24 North, Range 21 East, the survey of the south boundary, the subdivisional lines, and the subdivision of certain sections, Township 24 North, Range 22 East, Gila and Salt River Meridian, Arizona.

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

Gordon R. Bubel resurveyed the Sixth Standard Parallel North through Range 21 East and portions of Range 20 East, and the east boundary of Township 24 North, Range 21 East, in 2010. Jones Curtiss dependently resurveyed the Sixth Standard Parallel North through Range 22 East, in 2001. Fabian Yazzie surveyed the west boundary of Township 24 North, Range 23 East, in 2010-11.

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, 2009, and the Special Instructions dated November 6, 2013, for Group Number 1126, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 and R8 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 Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DJ8981 FST5 FLAGSTAFF 5 CORS ARP, DL1882 AZFL NAU FLAGSTAFF CORS ARP, DH4513 P015 DUECECLUBSAZ2005 CORS ARP, DI2245 P011 SPIDERROCKAZ2005 CORS ARP, DM4629 AZRV ROUNDVALLEY CORS ARP, DI0438 NMGR GRANTS NMDOT CORS ARP, DH5816 P028 CHACOCNHP_NM2005 CORS ARP, and DF5763 AZGB GILA COUNTY CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002), geographic positions of the following two corners:

Corner of Townships 23 and 24 North, Ranges 22 and 23 East:

Latitude: 35°25'52.117" N. Longitude: 109°56'56.814" W.

Corner of Townships 24 and 25 North, Ranges 21 and 22 East:

Latitude: 35°31'05.396" N. Longitude: 110°03'16.501" W.

The mean magnetic declination is 10 1/2° E.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Restoring the resurvey executed by Gordon R. Bubel, in 2010
	Note: During the 2010 dependent resurvey of the E. bdy. the corners were designated to be common to Rs. 21 and 22 E. Survey under Group No. 1126 determined that the limits for rectangularity for alignment were exceeded if the corners are utilized to control the subdivision of T. 24 N., R. 22 E. Therefore the corners on the E. bdy. will be redesignated to refer to corners in R. 21 E. only and the corners on the W. bdy. of T. 24 N., R. 22 E., will be designated to refer to corners in R. 22 E. only.
	Beginning at the cor. of Tps. 23 and 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, encircled with a collar of stone, with a mound of stone, 3 ft. base, 2 ft. high, to the S., with brass cap mkd. T24N R21E R22E S36 S31 S1 S6 T23N 2010 2004. Add the marks 2013 to the brass cap.
	N. 00°19' W., bet. secs. 31 and 36.
	Ascending the SW facing slope of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of sec. 31 only, T. 24 N., R. 22 E.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T 24 N R 21 E | R 22 E 1/4 S 31 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located on top of Wood Chop Mesa.
40.53	The 1/4 sec. cor. of secs. 31 and 36, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, with a mound of stone, 3 ft. base, 1 1/2 ft. high, to the W., with brass cap mkd. T24N R21E R22E 1/4 S36 S31 2010.
	This cor. now functions as the 1/4 sec. cor. of sec. 36 only, T. 24 N., R. 21 E.
	Remark the brass cap to read:

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 21 E | R 22 E 1/4 | S 36 | 2013 2010 Cor. is located on the N. facing slope of Wood Chop Mesa.
	N. 0°19' W., beginning new measurement.
39.47	Point for the cor. of secs. 30 and 31 only, T. 24 N., R. 22 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N | T 24 N R 21 E | R 22 E | S 30 S 36 | S 31 | 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
40.53	The cor. of secs. 25, 30, 31, and 36, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, to the W., with brass cap mkd. T24N R21E R22E S25 S30 S36 S31 2010 2004. This cor. now functions as the cor. of sec. 25 and 36 only, T. 24 N., R. 21 E. Remark the brass cap to read: T 24 N | T 24 N R 21 E | R 22 E S 25 | S 36 | S 30 | 2013 2010 2004
	N. 00°32' E., bet. secs. 25 and 30. Over rolling land.
38.94	Point for the 1/4 sec. cor. of sec. 30 only, T. 24 N., R. 22 E.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 21 E | R 22 E | 1/4 S 30 | 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located 3 lks. N. of wash, 1 ft. wide, 1 ft. deep, drains N. 50° W.
39.83	The 1/4 sec. cor. of secs. 25 and 30, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with a mound of stone, 3 ft. base, 3 ft. high, to the W., with brass cap mkd. T24N R21E R22E 1/4 S25 S30 2010. This cor. now functions as the 1/4 sec. cor. of sec. 25 only, T. 24 N., R. 21 E. Remark the brass cap to read: T 24 N R 21 E | R 22 E 1/4 | S 25 | 2013 2010 Cor. is located on the N. facing slope of Wood Chop Mesa.
	N. 0°32' E., beginning new measurement.
18.10	B.I.A. Route 15, an asphalt road, 35 ft. wide, bears N. 49° E. and S. 49° W.
39.11	Point for the cor. of secs. 19 and 30 only, T. 24 N., R. 22 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N | T 24 N R 21 E | R 22 E | S 19 S 25 | S 30 | 2013

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
39.83	The cor. of secs. 19, 24, 25, and 30, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, with a steel fence post nearby, with brass cap mkd. T24N R21E R22E S24 S19 S25 S30 2010. This cor. now functions as the cor. of sec. 24 and 25 only, T. 24 N., R. 21 E. Remark the brass cap to read: T 24 N | T 24 N R 21 E | R 22 E S 24 | S 25 | S 19 2010 2013
	N. 00°32' E., bet. secs. 19 and 24. Over gently rolling land.
10.85	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
11.65	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
39.28	Point for the 1/4 sec. cor. of sec. 19 only, T. 24 N., R. 22 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 21 E | R 22 E | 1/4 S 19 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 1.05 chs. N. of ridge, bears E. and S. 30° W.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.83	The 1/4 sec. cor. of secs. 19 and 24, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, to the W., with a steel fence post nearby, with brass cap mkd. T24N R21E R22E 1/4 S24 S19 2010. This cor. now functions as the 1/4 sec. cor. of sec. 24 only, T. 24 N., R. 21 E. Remark the brass cap to read: T 24 N R 21 E | R 22 E 1/4 | S 24 | 2013 2010 N. 00°08' E., beginning new measurement.
1.50	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
2.60	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
2.70	Pipeline trail road, bears N. 80° E. and S. 80° W.
39.45	Point for the cor. of secs. 18 and 19 only, T. 24 N., R. 22 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T 24 N | T 24 N R 21 E | R 22 E | S 18 S 24 | S 19 | 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
39.80	The cor. of secs. 13, 18, 19, and 24, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, to the W., with a steel fence post nearby, with brass cap mkd. T24N R21E R22E S13 S18 S24 S19 2010. This cor. now functions as the cor. of sec. 13 and 24 only, T. 24 N., R. 21 E.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Remark the brass cap to read: T 24 N | T 24 N R 21 E | R 22 E S 13 | S 24 | S 18 2010 2013
	N. 00°36' E., bet. secs. 13 and 18.
	Over gently rolling land.
39.65	Point for the 1/4 sec. cor. of sec. 18 only, T. 24 N., R. 22 E.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T 24 N R 21 E | R 22 E 1/4 S 18 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
40.19	The 1/4 sec. cor. of secs. 13 and 18, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, encircled with a collar of stone, with a steel fence post nearby, with brass cap mkd. T24N R21E R22E 1/4 S13 S18 2010.
	This cor. now functions as the 1/4 sec. cor. of sec. 13 only, T. 24 N., R. 21 E.
	Remark the brass cap to read: T 24 N R 21 E | R 22 E 1/4 | S 13 | 2013 2010
	N. 0°36' E., beginning new measurement.
39.46	Point for the cor. of secs. 7 and 18 only, T. 24 N., R. 22 E.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS

T 24 N	T 24 N
R 21 E	R 22 E
	S 7
S 13	S 18

2013

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

Set a steel fence post nearby.

Cor. is 20 lks. S. of trail road, bears N. 80° E. and S. 80° W.

40.19 The cor. of secs. 7, 12, 13, and 18, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, encircled with an embedded collar of stone, with a steel fence post nearby, with brass cap mkd. T24N R21E R22E S12 S7 S13 S18 2010.

This cor. now functions as the cor. of sec. 12 and 13 only, T. 24 N., R. 21 E.

Remark the brass cap to read:

T 24 N	T 24 N
R 21 E	R 22 E
S 12	
S 13	S 7

2010
2013

N. 00°07' W., bet. secs. 7 and 12.

Over gently rolling land.

39.27 Point for the 1/4 sec. cor. of sec. 7 only, T. 24 N., R. 22 E.

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

T 24 N	
R 21 E	R 22 E
	1/4 S 7

2014

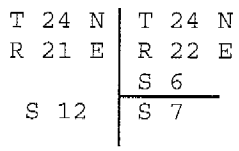
Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.13	The 1/4 sec. cor. of secs. 7 and 12, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, 1 in. below the surface of the ground, with a steel fence post, to the W., with brass cap mkd. T24N R21E R22E 1/4 S7 S12 2010. This cor. now functions as the 1/4 sec. cor. of sec. 12 only, T. 24 N., R. 21 E. Remark the brass cap to read: T 24 N R 21 E | R 22 E 1/4 | S 12 | 2010 2013 N. 0°07' W., beginning new measurement.
19.93	Intersect the superseded S. bdy. of the Hopi Indian Reservation, established by Executive Order in 1882, and surveyed by Leonard W. Murphy and Paul G. Bauer in 1964. The 1882 Executive Order was superseded by Public Law 93-531 and the 1964 survey is no longer recognized as the S. bdy. of the Hopi Indian Reservation. From this point, a wood fence cor. post, of barbed wire fences, 5 strand, extending N. and E., bears E., 24 lks. dist. From this same point, the 178 mile cor., bears East, 3.59 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. EO 1882 178M NAVAJO 2010 1964. From this same point, the WP on the 177 mile, bears West, 3.91 chs. dist., monumented with an iron post, 2 1/2 ins. diam., set in a concrete cone, 30 ins. high, 18 ins. wide at base, 12 ins. wide at top, with brass cap mkd. EO 1882 177 1/2M + 34.520 CHS NAVAJO 2010 1964.
21.50	Bladed dirt road, 12 ft. wide, bears N. 35° E. and S. 35° W.
26.60	Power line, bears N. 35° E. and S. 35° W.
39.14	Point for the cor. of secs. 6 and 7 only, T. 24 N., R. 22 E. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the East Boundary (West Boundary), T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona

CHAINS	



2013

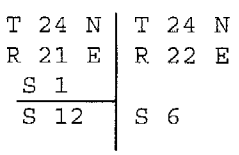
Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

From this cor. point, a fence cor. post, of barbed wire fences, 5 strand, extending S. and W., bears N. 30° E., 54 lks. dist.

40.12 The cor. of secs. 1, 6, 7, and 12, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., projecting 6 ins. above ground, with a mound of stone, 2 1/2 ft. base, 1 ft. high, to the W., with a steel fence post nearby, with brass cap mkd. T24N R21E R22E S1 S6 S12 S7 2010.

This cor. now functions as the cor. of sec. 1 and 12 only, T. 24 N., R. 21 E.

Remark the brass cap to read:



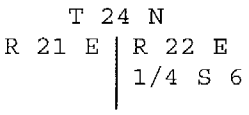
2010
2013

N. 00°07' W., bet. secs. 1 and 6.

Over gently rolling land.

39.02 Point for the 1/4 sec. cor. of sec. 6 only, T. 24 N., R. 22 E.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.



2014

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

**Dependent Resurvey of the East Boundary (West Boundary),
T. 24 N., R. 21 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.13	The 1/4 sec. cor. of secs. 1 and 6, T. 24 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, with a mound of stone, 2 ft. base, 1 ft. high, to the W., with brass cap mkd. T24N R21E R22E 1/4 S1 S6 2010. This cor. now functions as the 1/4 sec. cor. of sec. 1 only, T. 24 N., R. 21 E. Remark the brass cap to read: T 24 N R 21 E | R 22 E 1/4 | S 1 | 2010 2013 Set a steel fence post nearby.
	N. 00°03' E., beginning new measurement. Over gently rolling land.
39.86	The closing cor. of Tps. 24 N., Rs. 21 and 22 E., on the Sixth Stan. Parallel N., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush in a mound of stone, 3 ft. base, 10 ins. high, with brass cap mkd. T25N R21E S36 S1 S6 R21E R22E T24N CC 2010. Add the marks 2013 to the brass cap. from which the orig. bearing tree A juniper, 24 ins. diam., bears S. 43° W., 51 lks. dist., with scribe marks CC T24N R21E S1 BT visible on partially open blaze on a 12 ins. diam. limb.
	**Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona**
	From the cor. of Tps. 23 and 24 N., Rs. 22 and 23 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, 4 ins. above ground, with brass cap mkd. T24N R22E R23E S36 S31 S1 S6 T23N 2010. Add the marks 2013 to the brass cap. S. 89°54' W., bet. secs. 1 and 36. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 36.

Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 36 1/4 —— S 1 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 2.45 chs. E. of power line, bears N. 40° E. and S. 40° W.
43.70	BIA Route N153, a graded road, 27 ft. wide, bears N. 30° E. and S. 35° W.
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. T 24 N R 22 E S 35 | S 36 S 2 | S 1 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling to rolling. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses, salt brush, and rabbit brush.
	S. 89°54' W., bet. secs. 2 and 35. Ascending east slope of Wood Chop Mesa.
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., 22 ins. in solid basalt bedrock, with brass cap mkd.

Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 35 1/4 —— S 2 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 2.55 chs. W. of basalt rim, 60 ft. high, bears N. 25° E. and S. 5° W.
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. T 24 N R 22 E S 34 | S 35 S 3 | S 2 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, rolling to broken. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses, salt brush, rabbit brush, and Mormon Tea.
	S. 89°54' W., bet. secs. 3 and 34. Over gently rolling land on top of Wood Chop Mesa.
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., 25 ins. in the ground, with brass cap mkd.

Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 34 1/4 —— S 3 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
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., 14 ins. in the ground to bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd. T 24 N R 22 E S 33 | S 34 —————— S 4 | S 3 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses.
	S. 89°54' W., bet. secs. 4 and 33. Over gently rolling land descending Wood Chop Mesa.
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., 22 ins. in solid basalt bedrock, with brass cap mkd. T 24 N R 22 E S 33 1/4 —— S 4 T 23 N 2014

Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, N. of cor.
	Set a steel fence post nearby.
75.20	Power line, bears S. 30° E. and N. 30° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 32 | S 33 S 5 | S 4 T 23 N
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 2.40 chs. S. and 1.80 chs. W. of a graded road, 25 ft. wide, bears S. 50° E. and N. 10° W., and 1.80 chs. E. of wash, 8 ft. wide, 1 ft. deep, drains S. 30° W.
	Land, gently rolling and broken. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses.
	S. 89°54' W., bet. secs. 5 and 32.
	Over gently rolling land.
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., 22 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 32 1/4 S 5 T 23 N
	2014

Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 60 lks. E. of wash, 1 ft. wide, 1 ft. deep, drains S. 70° E.
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., 16 ins. in the ground to bedrock, in a supporting mound of stone, 2 1/2 ft. base, to top, with brass cap mkd. T 24 N R 22 E S 31 | S 32 S 6 | S 5 T 23 N 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 2.50 chs. S. of wash, 6 ft. wide, 2 ft. deep, drains S. 35° E., and 75 lks. W. of the same wash, 6 ft. wide, 2 ft. deep, drains S. Land, rolling to broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, sage brush, and Mormon tea.
	S. 89°54' W., bet. secs. 6 and 31. Over rolling land on top of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 6 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 31 1/4 —— S 6 T 23 N 2014

Survey of the South Boundary,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
77.64	The cor. of Tps. 23 and 24 N., Rs. 21 and 22 E., hereinbefore described. Land, rolling and broken. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses, salt brush, sage brush, and Mormon tea.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

	From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., hereinbefore described. N. 0°01' W., bet. secs. 35 and 36. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 35 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 35 | S 36 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 26 | S 25 S 35 | S 36 2013

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 25, 30, 31, and 36 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T24N R22E R23E S25 S30 S36 S31 2010. Add the marks 2013 to the brass cap. S. 89°54' W., bet. secs. 25 and 36. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 25 and 36. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 25 / S 36 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
80.00	The cor. of secs. 25, 26, 35, and 36. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°01' W., bet. secs. 25 and 26. Over gently rolling land.
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.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E 1/4 S 26 | S 25 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 23 | S 24 S 26 | S 25 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Cor. is located on the S. slope of basalt mesa. Land, gently rolling. Soil, sandy clay loam. Timber, scattered juniper. Undergrowth, native grasses.
	From the cor. of secs. 19, 24, 25, and 30 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T24N R22E R23E S24 S19 S25 S30 2010. Add the marks 2013 to the brass cap. S. 89°54' W., bet. secs. 24 and 25. Over gently rolling land.
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., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 24 1/4 —— S 25 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 23, 24, 25, and 26.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°01' W., bet. secs. 23 and 24.
	Ascending S. facing slope of basalt mesa.
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., 14 ins. in the ground to bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.
	T 24 N R 22 E 1/4 S 23 | S 24 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located on a steep, W. facing slope of a box canyon, and is 1.60 chs. N. of the basalt rim ledge, 100 ft. high, bears N. 45° E. and S. 65° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 14 | S 13 S 23 | S 24 2013

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 1.45 chs. S. and 2.95 chs. W. of trail road, bears S. 60° E. and N. 60° W.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 13, 18, 19, and 24 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T24N R22E R23E S13 S18 S24 S19 2010. Add the marks 2013 to the brass cap.
	S. 89°54' W., bet. secs. 13 and 24.
	Over gently rolling land.
33.20	Underground water line, bears S. 80° E. and N. 80° W.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 13 / S 24 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 1.50 chs. S. of underground water line, bears S. 80° E. and N. 80° W.
80.00	The cor. of secs. 13, 44, 23, and 24.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°01' W., bet. secs. 13 and 14.
	Over gently rolling land.
9.80	Power line, bears E. and W.
10.35	Underground water line, bears S. 80° E. and N. 80° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E 1/4 S 14 | S 13 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
48.25	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears S. 85° E. and N. 85° W.
49.05	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears S. 85° E. and N. 85° W.
59.55	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
60.75	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
61.95	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 11 | S 12 S 14 | S 13 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post nearby. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 7, 12, 13, and 18 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T24N R22E R23E S12 S7 S13 S18 2010. Add the marks 2013 to the brass cap. S. 89°54' W., bet. secs. 12 and 13. Over gently rolling land.
25.30	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
28.50	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
31.65	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 12 / S 13 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
80.00	The cor. of secs. 11, 12, 13, and 14. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°01' W., bet. secs. 11 and 12.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over gently rolling land.
3.75	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
4.90	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 11 | S 12 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 2 | S 1 S 11 | S 12 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 1, 6, 7, and 12 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T24N R22E R23E S1 S6 S12 S7 2011. Add the marks 2013 to the brass cap. S. 89°54' W., bet. secs. 1 and 12.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 1 1/4 —— S 12 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 1, 2, 11, and 12.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, 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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E 1/4 S 2 | S 1 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby
79.60	Point for the closing cor. of secs. 1 and 2, at intersection with the Sixth Standard Parallel North, on the N. bdy of the Tp.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

T 25 N R 22 E
S 35
S 2 | S 1
T 24 N R 22 E
CC

2014

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

Set a steel fence post nearby.

From this cor. point, the stan. 1/4 sec. cor. of sec. 35, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. SC T25N R22E 1/4 S35 2001, bears S. 89°55' E., 28.39 chs. dist. Add the marks S1 T24N R22E 2013 to the brass cap.

From this same cor. point, the stan. cor. of secs. 34 and 35, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. SC T24N R25E S34 S35 2001, bears N. 89°55' W., 11.77 chs. dist. Add the marks S2 T24N R22E 2013 to the brass cap, remarked Tp. and R. appropriately.

Land, nearly level.
Soil, sandy loam.
No timber.
Undergrowth, native grasses.

Point for the 1/4 sec. cor. of sec. 1 only, at midpoint on the N. bdy. of sec. 1, on the Sixth Standard Parallel North.

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

T 25 N R 22 E
S 35

1/4 S 1
T 24 N R 22 E

2014

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

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post nearby.
	From this cor. point, the stan. cor. of secs. 35 and 36, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T25N R22E S35 S36 2010 2001, bears S. 89°55' E., 28.57 chs. dist. Add the marks S1 T24N R22E 2013 to the brass cap.
	From this same cor. point, the stan. 1/4 sec. cor. of sec. 35, T. 25 N., R. 22 E., bears N. 89°55' W., 11.60 chs. dist., hereinbefore described.

	From the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., hereinbefore described.
	N. 0°01' W., bet. secs. 34 and 35.
	Over gently rolling land on top of Wood Chop Mesa.
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., 16 ins. in the ground to basalt bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd. T 24 N R 22 E 1/4 S 34 | S 35 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
53.87	From this point, a cast iron hand pump to water well, known as Martinez Spring, firmly set in a concrete pad 8 x 8 ft., 4 ins. above ground, bears E., 3.00 chs. dist.
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., 22 ins. in solid basalt bedrock, with brass cap mkd. T 24 N R 22 E S 27 | S 26 S 34 | S 35 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post nearby. Land, gently rolling to broken. Soil, basalt bedrock, gravel, and sandy loam. Timber, scattered juniper. Undergrowth, native grasses, rabbit brush, and Mormon tea.
	From the cor. of secs. 25, 26, 35, and 36. S. 89°54' W., bet. secs. 26 and 35. Ascending E. slope of Wood Chop Mesa.
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., 16 ins. in the ground to basalt bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd. T 24 N R 22 E S 26 1/4 S 35 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	The cor. of secs. 26, 27, 34, and 35. Land, rolling and broken. Soil, basalt bedrock. Timber, juniper. Undergrowth, native grasses, sage brush, cliff rose, and Mormon tea.
	N. 0°01' W., bet. secs. 26 and 27. Descending N. slope of Wood Chop Mesa.
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. T 24 N R 22 E 1/4 S 27 | S 26 2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located 40 lks. S. of trail road, bears S. 60° E. and N. 60° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 22 | S 23 S 27 | S 26
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Land, gently rolling. Soil, sandy clay loam. Timber, scattered juniper. Undergrowth, native grasses.
	From the cor. of secs. 23, 24, 25, and 26.
	S. 89°54' W., bet. secs. 23 and 26.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 23 and 26.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 23 1/4 —— S 26
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 22, 23, 26, and 27.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°01' W., bet. secs. 22 and 23.
	Over gently rolling land.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 22 | S 23 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 15 | S 14 S 22 | S 23 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 13, 14, 23, and 24.
	S. 89°54' W., bet. secs. 14 and 23.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 14 and 23.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 14 1/4 —— S 23
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 3/4 of the way up the N. facing slope of Wood Chop Mesa.
80.00	The cor. of secs. 14, 15, 22, and 23.
	Land, gently rolling. Soil, sandy loam and basalt rock outcrops. Timber, juniper. Undergrowth, native grasses and rabbit brush.
	N. 0°01' W., bet. secs. 14 and 15.
	Over gently rolling land.
13.35	Power line, bears S. 85° E. and N. 85° W.
29.65	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
30.10	From this point, a right-of-way monument, bears E., 1.28 chs. dist., monumented with a brass tablet, 3 ins. diam., set flush in a concrete cylinder, 12 ins. diam., firmly set, flush with the surface of the ground, mkd. BIA ROADS 19__, with an angle iron, firmly set, projecting 22 ins. above ground, to the E., with no visible markings.
30.85	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
32.05	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
32.24	From this point, a right-of-way monument, bears E., 48.2 lks. dist., monumented with a brass tablet, 3 ins. diam., set flush in a concrete cylinder, 12 ins. diam., firmly set, flush with the surface of the ground, mkd. BIA ROADS 19__, with an angle iron, firmly set, projecting 22 ins. above ground, to the E., with no visible markings.
33.40	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
34.25	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
35.05	Underground water line, bears N. 70° E. and S. 70° W.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 15 | S 14 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
50.10	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
51.25	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 10 | S 11 S 15 | S 14 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 11, 12, 13, and 14.
	S. 89°54' W., bet. secs. 11 and 14.
	Over gently rolling land.
8.85	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
11.55	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
40.00	Point for the 1/4 sec. cor. of secs. 11 and 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 11 1/4 —— S 14 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 10, 11, 14, and 15.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°01' W., bet. secs. 10 and 11.
	Over gently rolling land.
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., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E 1/4 S 10 | S 11 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 3 | S 2 S 10 | S 11 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 1, 2, 11, and 12. S. 89°54' W., bet. secs. 2 and 11. Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 11. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 2 1/4 S 11 2013 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post nearby.
80.00	The cor. of secs. 2, 3, 10, and 11.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°01' W., bet. secs. 2 and 3.
	Over gently rolling land.
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.
	T 24 N R 22 E 1/4 S 3 | S 2
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
79.87	Point for the closing cor. of secs. 2 and 3, at intersection with the Sixth Standard Parallel North, on the N. bdy of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 25 N R 22 E S 34 S 3 | S 2 T 24 N R 22 E CC
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

From this cor. point, the stan. 1/4 sec. cor. of sec. 34, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. SC T25N R22E 1/4 S34 2001, bears S. 89°54' E., 28.06 chs. dist. Add the marks S2 T24N R22E 2013 to the brass cap.

From this same cor. point, the stan. cor. of secs. 33 and 34, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. SC T25N R22E S33 S34 2001, bears N. 89°54' W., 12.11 chs. dist. Add the marks S3 T24N R22E 2013 to the brass cap.

Land, gently rolling.
Soil, sandy clay loam.
No timber.
Undergrowth, native grasses.

Point for the 1/4 sec. cor. of sec. 2 only, at midpoint on the N. bdy. of sec. 2, on the Sixth Standard Parallel North.

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

T 25 N R 22 E
S 34

1/4 S 2
T 24 N R 22 E

2014

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

Set a steel fence post nearby.

From this cor. point, the stan. cor. of secs. 34 and 35, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. SC T24N R25E S34 S35 2001, bears S. 89°55' E., 28.23 chs. dist. Add the marks S2 T24N R22E 2013 to the brass cap, remarked Tp. and R. appropriately.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 34, T. 25 N., R. 22 E., bears N. 89°55' W., 11.94 chs. dist., hereinbefore described.

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

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°02' W., bet. secs. 33 and 34.
	Over rolling land on top of Wood Chop 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.
	T 24 N R 22 E 1/4 S 33 | S 34
	2014
	Deposit a magnet, in a white plastic case, at the base of 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.
	T 24 N R 22 E S 28 | S 27 S 33 | S 34
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 60 lks. S. and 1.45 chs. W. of trail road, bears S. 65° E. and N. 65° W.
	Land, rolling to gently rolling. Soil, sandy loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 26, 27, 34, and 35.
	S. 89°54' W., bet. secs. 27 and 34.
	Over gently rolling land on top of Wood Chop 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.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 27 1/4 —— S 34 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 27, 28, 33, and 34.
	Land, gently rolling. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses.
	N. 0°02' W., bet. secs. 27 and 28.
	Over gently rolling land on top of Wood Chop Mesa.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E 1/4 S 28 | S 27 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located 10 lks. S. of wash, 3 ft. wide, 1/2 ft. deep, drains N. 55° E.
45.76	From this point, first order bench mark INDIAN, monumented with a brass tablet, 3 1/2 ins. diam., set flush in a square concrete pad, 12 x 12 ins., firmly set, 4 ins. above ground, mkd. U.S. COAST & GEODETIC SURVEY INDIAN 1951, bears W., 18.94 chs. dist.
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.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 21 | S 22 S 28 | S 27 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling. Soil, sandy loam. Timber, juniper. Undergrowth, native grasses, salt brush, rabbit brush, and Mormon tea.
	From the cor. of secs. 22, 23, 26, and 27. S. 89°54' W., bet. secs. 22 and 27. Over gently rolling.
40.00	Point for the 1/4 sec. cor. of secs. 22 and 27. Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid basalt bedrock, with top mkd. T 24 N R 22 E S 22 1/4 —— S 27 2014 Deposit a magnet, in a white plastic case, at the base of the brass tablet. Cor. is located 10 lks. W. of the E. rim of basalt ledge, 10 ft. high, bears N. 35° E. and S. 35° W., and 10 lks. N. of the S. rim of basalt ledge, 10 ft. high, bears N. 80° E. and S. 80° W.
80.00	The cor. of secs. 21, 22, 27, and 28. Land, gently rolling and broken. Soil, basalt bedrock. Timber, juniper. Undergrowth, native grasses and Mormon tea.
	N. 0°02' W., bet. secs. 21 and 22.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over gently rolling land on top of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 22.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground to basalt bedrock, in a supporting mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T 24 N R 22 E 1/4 S 21 | S 22 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
54.35	Rim of Wood Chop Mesa, 130 ft. high, bears N. 75° E. and S. 80° W.
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., 23 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 16 | S 15 S 21 | S 22 2014
	from which
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground for a reference monument, bears S. 65°00' E., 60.0 ft. dist., with brass cap mkd. RM T24N R22E 60.0 FT TO COR S22 2014 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post and set a steel fence post nearby.
	A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground for a reference monument, bears S. 25°00' W., 40.0 ft. dist., with brass cap mkd. RM T24N R22E 40.0 FT TO COR S21 2014 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post and set a steel fence post nearby.
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located 23 lks. N. of the S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway, and 95 lks. S. and 2.55 chs. E. of BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
	Cor. is also 2.15 chs. S. of the N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
	Land, gently rolling and broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, salt brush, rabbit brush, and Mormon tea.
	From the cor. of secs. 14, 15, 22, and 23.
	S. 89°54' W., bet. secs. 15 and 22.
	Over gently rolling.
30.95	Top of basalt rim, 50 ft. high, bears S. 5° W. and N. 25° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 15 1/4 —— S 22 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
46.20	Barbed wire fence, 2 strand, bears S. 20° E. and N. 20° W.
64.35	Top of basalt rim, 50 ft. high, bears N. 15° E. and S. 55° W.
78.45	Power line, bears N. 70° E. and S. 70° W.
80.00	The cor. of secs. 15, 16, 21, and 22.
	Land, gently rolling and broken. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses and Mormon tea.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 0°02' W., bet. secs. 15 and 16.
	Over gently rolling land.
2.50	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
3.30	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
4.90	Underground water line, bears N. 70° E. and S. 70° W.
16.50	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
17.70	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E 1/4 S 16 | S 15
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 9 | S 10 S 16 | S 15
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 10, 11, 14, and 15.
	S. 89°54' W., bet. secs. 10 and 15.
	Over gently rolling land.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 10 1/4 S 15
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 9, 10, 15, and 16.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	N. 0°02' W., bet. secs. 9 and 10.
	Over gently 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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E 1/4 S 9 | S 10
	2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a steel fence post nearby.
60.30	Intersect the superseded S. bdy. of the Hopi Indian Reservation, established by Executive Order in 1882, and surveyed by Leonard W. Murphy and Paul G. Bauer in 1964. The 1882 Executive Order was superseded by Public Law 93-531 and the 1964 survey is no longer recognized as the S. bdy. of the Hopi Indian Reservation. From this point, the WP on the 180 mile, bears East, 7.42 chs. dist., monumented with an iron post, 2 1/2 ins. diam., set in a concrete cone, 26 ins. high, 20 ins. wide at base, 9 ins. wide at top, with brass cap mkd. EO 1882 SE. COR. 180 1/2M + 39.60 CHS NAVAJO 1964. Cor. is located at a wood fence post, of a barbed wire fence, 5 strand, extending N. and W.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 4 | S 3 S 9 | S 10 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.
	From the cor. of secs. 2, 3, 10, and 11. S. 89°54' W., bet. secs. 3 and 10. Over gently rolling land.
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., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 3 1/4 —— S 10 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 35 lks. W. of trail road, bears N. 25° E. and S. 25° W.
72.56	Intersect the superseded E. bdy. of the Hopi Indian Reservation, established by Executive Order in 1882, and surveyed by Leonard W. Murphy and Paul G. Bauer in 1964. The 1882 Executive Order was superseded by Public Law 93-531 and the 1964 survey is no longer recognized as the S. bdy. of the Hopi Indian Reservation.
	From this point, the 181 1/2 mile cor., bears North, 20.70 chs. dist., monumented with an open-end iron pipe, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground.
	Cor. is located in a barbed wire fence, 5 strand, bears N. and S.
	From this same point, the 181 mile cor., bears South, 19.32 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. EO 1882 181M NAVAJO 1964.
	Cor. is located in a barbed wire fence, 5 strand, bears N. and S.
80.00	The cor. of secs. 3, 4, 9, and 10.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, 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., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E 1/4 S 4 | S 3 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
47.05	Underground water line, bears S. 80° E. and N. 80° W.
65.30	Power line, bears N. 75° E. and S. 75° W.
80.14	Point for the closing cor. of secs. 3 and 4, at intersection with the Sixth Standard Parallel North, on the N. bdy of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 25 N R 22 E S 33 S 4 | S 3 T 24 N R 22 E CC 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	From this cor. point, the stan. 1/4 sec. cor. of sec. 33, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T25N R22E 1/4 S33 2001, bears S. 89°55' E., 27.72 chs. dist. Add the marks S3 T24N R22E 2013 to the brass cap.
	From this same cor. point, the stan. cor. of secs. 32 and 33, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T25N R22E S32 S33 2001, bears N. 89°55' W., 12.45 chs. dist. Add the marks S4 T24N R22E 2013 to the brass cap.
	Land, gently rolling. Soil, sandy clay loam. No timber. Undergrowth, native grasses.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Point for the 1/4 sec. cor. of sec. 3 only, at midpoint on the N. bdy. of sec. 3, on the Sixth Standard Parallel North. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 25 N R 22 E S 33 1/4 S 3 T 24 N R 22 E 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. From this cor. point, the stan. cor. of secs. 33 and 34, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. SC T25N R22E S33 S34 2001, bears S. 89°55' E., 27.89 chs. dist. Add the marks S3 T24N R22E 2013 to the brass cap. From this same cor. point, the stan. 1/4 sec. cor. of sec. 33, T. 25 N., R. 22 E., bears N. 89°55' W., 12.28 chs. dist., hereinbefore described.
	From the cor. of secs. 4, 5, 32, and 33, on the S. bdy. of the Tp., hereinbefore described. N. 0°02' W., bet. secs. 32 and 33. Over gently rolling land.
5.80	Power line, bears S. 40° E. and N. 40° W.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 32 | S 33 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Raise a mound of stone, 3 1/2 ft. base, 2 ft. high, W. of cor. Cor. is located 70 lks. N. of Wood Chop Mesa rim, 60 ft. high, bears N. 75° E. and S. 70° W.
80.00	Point for the cor. of secs. 28, 29, 32, and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 29 | S 28 S 32 | S 33 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling and broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses.
	From the cor. of secs. 27, 28, 33, and 34. S. 89°54' W., bet. secs. 28 and 33. Over gently rolling land on top of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 28 and 33. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 28 1/4 S 33 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 47 lks. W. of Wood Chop Mesa rim, 40 ft. high, bears N. 5° E. and S. 25° W.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.00	The cor. of secs. 28, 29, 32, and 33. Land, gently rolling and rugged. Soil, sandy loam and gravel. Timber, Juniper. Undergrowth, native grasses.
	N. 0°02' W., bet. secs. 28 and 29. Over gently rolling land on top of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 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. T 24 N R 22 E 1/4 S 29 | S 28 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located 50 lks. N. of trail road, bears S. 30° E. and N. 20° W.
57.83	From this point, an enclosed concrete pad 9 x 7 ft., projecting 2 ft. above ground, known as Ruins Spring, bears W., 21.07 chs. dist.
72.10	Top of basalt rim, 20 ft. high, bears N. 50° E. and S. 75° W.
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., 25 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 20 | S 21 S 29 | S 28 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located 2.10 chs. N. of wash, 4 ft. wide, 6 ft. deep, drains N. 35° W., and 45 lks. E. of the same wash, 3 ft. wide, 5 ft. deep, drains N. 15° E.
	Land, gently rolling and broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses.
	From the cor. of secs. 21, 22, 27, and 28.
	S. 89°54' W., bet. secs. 21 and 28.
	Over gently rolling land on top of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 21 and 28.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 21 1/4 —— S 28
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 20, 21, 28, and 29.
	Land, gently rolling and broken. Soil, sandy loam and gravel. Timber, scattered juniper. Undergrowth, native grasses and Mormon tea.
	N. 0°02' W., bet. secs. 20 and 21.
	Over gently rolling land.
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.
	T 24 N R 22 E 1/4 S 20 | S 21
	2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
47.45	Power line, bears N. 70° E. and S. 70° W.
50.45	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
51.65	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
52.40	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, extends N. 70° W. 60 lks. dist., to a fence cor. which narrows for a wash outlet. Fence line then extends to parallel highway.
54.85	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
55.65	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
72.55	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
73.65	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
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. T 24 N R 22 E S 17 | S 16 S 20 | S 21 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Land, nearly level. Soil, sandy loam. No timber. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 15, 16, 21, and 22.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 89°54' W., bet. secs. 16 and 21.
	Over gently rolling land through BIA Route 15 corridor.
5.70	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, bears N. 70° E. and S. 70° W.
6.40	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
8.50	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
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., 23 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 16 1/4 —— S 21
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 1.15 chs. S. of most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 75° E. and S. 75° W., and 2.25 chs. S. of most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 75° E. and S. 75° W.
	Cor. is also located 55 lks. E. of barbed wire fence, 4 strand, bears S. 5° E. and N. 5° W.
44.45	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 75° E. and S. 75° W.
48.65	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 75° E. and S. 75° W.
80.00	The cor. of secs. 16, 17, 20, and 21.
	Land, gently rolling and nearly level. Soil, sandy loam. No timber. Undergrowth, native grasses and salt brush.
	N. 0°02' W., bet. secs. 16 and 17.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over gently rolling land.
32.55	Rim of Red Clay Mesa, 350 ft. high, bears E. and S. 80° W.
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., 16 ins. in the ground to bedrock, in a supporting mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.
	T 24 N R 22 E 1/4 S 17 | S 16 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 8, 9, 16, and 17.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 8 | S 9 S 17 | S 16 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located on top of easterly edge of finger ridge, 60 ft. wide, 180 ft. high, bears N. 45° E. and S. 45° W.
	Land, gently rolling to broken. Soil, sandy loam and basalt bedrock. No timber. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 9, 10, 15, and 16.
	S. 89°54' W., bet. secs. 9 and 16.
	Over gently rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 9 and 16.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 9 1/4 —— S 16 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 95 lks. E. of wash, 4 ft. wide, 4 ft. deep, drains S. 55° E., and 55 lks. N. of the same wash, 4 ft. wide, 4 ft. deep, drains S. 70° E.
80.00	The cor. of secs. 8, 9, 16, and 17. Land, gently rolling. Soil, sandy loam. No timber. Undergrowth, native grasses and salt brush.
	N. 0°02' W., bet. secs. 8 and 9. Over finger ridge of Red Clay Mesa.
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., 22 ins. in the ground to basalt bedrock, with brass cap mkd. T 24 N R 22 E 1/4 S 8 | S 9 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
60.47	Intersect the superseded S. bdy. of the Hopi Indian Reservation, established by Executive Order in 1882, and surveyed by Leonard W. Murphy and Paul G. Bauer in 1964. The 1882 Executive Order was superseded by Public Law 93-531 and the 1964 survey is no longer recognized as the S. bdy. of the Hopi Indian Reservation. No corners recovered from this point.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 5 | S 4 S 8 | S 9 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, broken to gently rolling. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, salt brush, and Mormon tea.
	From the cor. of secs. 3, 4, 9, and 10. S. 89°54' W., bet. secs. 4 and 9. Over E. slope of basalt mesa.
36.75	Trail road, bears N. 30° E. and S. 30° W.
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., 15 ins. in the ground to basalt bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd. T 24 N R 22 E S 4 1/4 —— S 9 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
80.00	The cor. of secs. 4, 5, 8, and 9.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, rugged to gently rolling. Soil, sandy loam, gravel, and basalt rock outcrops. Timber, scattered juniper. Undergrowth, native grasses, rabbit brush, salt brush, and Mormon tea.
	N. 0°02' W., bet. secs. 4 and 5.
	Over gently rolling land.
40.00	True point for the 1/4 sec. cor. of secs. 4 and 5, falls on a series of unstable, decomposing stair-step cliff faces, where it is impracticable to set a permanent monument.
	From this true point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 4 and 5, bears S. 15°00' W., 95 lks. dist.
	Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid basalt bedrock, with top mkd. WC T 24 N R 22 E 1/4 S 5 | S 4 2014
	Deposit a magnet, without plastic case, at the base of the brass tablet.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of witness cor.
	Witness cor. is located 14 lks. S. of basalt rim, 80 ft. high, bears S. 75° E. and N. 75° W.
62.50	Underground water line, bears S. 85° E. and N. 85° W.
63.60	Power line, bears S. 75° E. and N. 75° W.
74.55	Graded road, 20 ft. wide, bears S. 45° E. and N. 45° W.
80.41	Point for the closing cor. of secs. 4 and 5, at intersection with the Sixth Standard Parallel North, on the N. bdy of the Tp.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	

T 25 N R 22 E
S 32

S 5 | S 4

T 24 N R 22 E
CC

2014

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

Set a steel fence post nearby.

From this cor. point, the stan. 1/4 sec. cor. of sec. 32, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T25N R22E 1/4 S32 2001, bears S. 89°55' E., 27.38 chs. dist. Add the marks S4 T24N R22E 2013 to the brass cap.

From this same cor. point, the stan. cor. of secs. 31 and 32, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. SC T25N R22E S31 S32 2001, bears N. 89°55' W., 12.79 chs. dist. Add the marks S5 T24N R22E 2013 to the brass cap.

Land, gently rolling.
Soil, sandy clay loam.
No timber.
Undergrowth, native grasses.

Point for the 1/4 sec. cor. of sec. 4 only, at midpoint on the N. bdy. of sec. 4, on the Sixth Standard Parallel North.

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

T 25 N R 22 E
S 32

1/4 S 4

T 24 N R 22 E

2014

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

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From this cor. point, the stan. cor. of secs. 32 and 33, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T24N R25E S32 S33 2001, bears S. 89°55' E., 27.55 chs. dist. Add the marks S4 T24N R22E 2013 to the brass cap. From this same cor. point, the stan. 1/4 sec. cor. of sec. 32, T. 25 N., R. 22 E., bears N. 89°55' W., 12.62 chs. dist., hereinbefore described.
	From the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., hereinbefore described. N. 0°03' W., bet. secs. 31 and 32. Over rolling land on top of Wood Chop Mesa.
36.80	Wash, 10 ft. wide, 15 ft. deep, drains N. 45° E.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground and in solid basalt bedrock, with brass cap mkd. T 24 N R 22 E 1/4 S 31 | S 32 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 70 lks. S. of right bank of the wash, 30 ft. high, bears N. 75° E. and S. 75° W., and 1.65 chs. S. of left bank of the wash, 30 ft. high, bears N. 75° E. and S. 75° W.
80.00	Point for the cor. of secs. 29, 30, 31, and 32. Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid basalt bedrock, with top mkd. T 24 N R 22 E S 30 | S 29 S 31 | S 32 2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 1/2 ft. high, W. of cor.
	Cor. is located 16 lks. N. of basalt rim, 40 ft. high, bears S. 50° E. and N. 75° W.
	Land, rolling and broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, rabbit brush, salt brush, and Mormon tea.
	From the cor. of secs. 28, 29, 32, and 33.
	S. 89°54' W., bet. secs. 29 and 32.
	Over gently rolling land on top of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 32.
	Set a brass tablet, 3 1/2 ins. diam., 2 1/4 ins. stem, cemented in a drill hole in solid basalt bedrock, with top mkd.
	T 24 N R 22 E S 29 1/4 —— S 32
	2014
	Deposit a magnet, in a white plastic case, at the base of the brass tablet.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Cor. is located 55 lks. E. of basalt rim, 30 ft. high, bears S. 35° E. and N. 35° W.
50.88	From this point, an enclosed steel water tank, 9 ft. diam., 12 ft. high, fed by Sunshine Spring, bears N., 24 lks. dist.
52.13	From this point, a partially covered cement well, 1 1/2 ft. x 1 1/2 ft., projecting 1/2 ft. above ground, and protruding out of the W. face of unearthed hillside, known as Sunshine Spring, bears N., 5.98 chs. dist.
80.00	The cor. of secs. 29, 30, 31, and 32.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Land, gently rolling and broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, rabbit brush, salt brush, and Mormon tea.
	S. 89°54' W., bet. secs. 30 and 31.
	Over rugged land.
40.00	Point for the 1/4 sec. cor. of secs. 30 and 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 30 1/4 S 31 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
77.98	The cor. of secs. 30 and 31 only, on the W. bdy. of the Tp., hereinbefore described.
	Land, rugged, rolling and broken. Soil, sandy loam and gravel. Timber, juniper. Undergrowth, native grasses, salt brush, and Mormon tea.
	From the cor. of secs. 29, 30, 31, and 32.
	N. 0°03' W., bet. secs. 29 and 30.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in solid basalt bedrock, with brass cap mkd. T 24 N R 22 E 1/4 S 30 | S 29 2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.
	Cor. is located 1.05 chs. S. of wash, 2 ft. wide, 1/2 ft. deep, drains N. 45° W.
80.00	Point for the cor. of secs. 19, 20, 29, and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in solid basalt bedrock, with brass cap mkd.
	T 24 N R 22 E S 19 | S 20 S 30 | S 29
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post
	Raise a mound of stone, 3 1/2 ft. base, 2 1/2 ft. high, N. of cor.
	Cor. is located 35 lks. S. and 90 lks. E. of Wood Chop Mesa rim, 30 ft. high, bears N. 70° E. and S. 70° W.
	Land, rolling to gently rolling. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, salt brush, and Mormon tea.
	From the cor. of secs. 20, 21, 28, and 29.
	S. 89°54' W., bet. secs. 20 and 29.
	Over rugged land.
40.00	Point for the 1/4 sec. cor. of secs. 20 and 29.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 20 1/4 —— S 29
	2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 1/2 way up the NE slope of finger ridge, top of ridge bears S. 5° E. and N. 5° W.
80.00	The cor. of secs. 19, 20, 29, and 30.
	Land, rugged, rolling and broken. Soil, sandy loam and basalt bedrock. Timber, scattered juniper. Undergrowth, native grasses, salt brush, and Mormon tea.
	S. 89°54' W., bet. secs. 19 and 30.
	Over rolling land, along N. slope of Wood Chop Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 19 1/4 S 30 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
51.75	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
53.45	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 50° E. and S. 50° W.
55.15	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
77.17	The cor. of secs. 19 and 30 only, on the W. bdy. of the Tp., hereinbefore described.
	Land, rolling to gently rolling. Soil, sandy loam and gravel. Timber, scattered juniper. Undergrowth, native grasses and salt brush.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0°03' W., bet. secs. 19 and 20.
	Descending N. slope of Wood Chop Mesa.
23.20	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
24.40	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
25.60	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
30.05	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
30.85	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E 1/4 S 19 | S 20
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
56.95	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
58.05	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
80.00	Point for the cor. of secs. 17, 18, 19, and 20.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, in a supporting mound of stone, 4 ft. base, to top, with brass cap mkd.
	T 24 N R 22 E S 18 | S 17 S 19 | S 20
	2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located on top of Red Clay Mesa, and is 1.20 chs. N. of basalt rim, 300 ft. high, bears S. 75° E. and S. 75° W.
	Land, gently rolling and broken. Soil, sandy clay loam and basalt bedrock. No timber. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 16, 17, 20, and 21.
	S. 89°54' W., bet. secs. 17 and 20.
	Over gently rolling land.
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.
	T 24 N R 22 E S 17 1/4 —— S 20
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 17, 18, 19, and 20.
	Land, nearly level and broken. Soil, sandy clay loam and basalt bedrock. No timber. Undergrowth, native grasses and salt brush.
	S. 89°54' W., bet. secs. 18 and 19.
	Over gently rolling land on top of Red Clay Mesa.
40.00	True point for the 1/4 sec. cor. of secs. 18 and 19, falls on the NW face of decomposing cliff face, where it is impracticable to set a permanent monument.
	From this true point, the point selected for a witness cor. to the 1/4 sec. cor. of secs. 18 and 19, bears S. 50°00' E., 100 lks. dist.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd. WC T 24 N R 22 E S 18 1/4 S 19 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Witness cor. is located on the NW facing slope of Red Clay Mesa.
76.61	The cor. of secs. 18 and 19 only, on the W. bdy. of the Tp., hereinbefore described. Land, gently rolling and broken. Soil, sandy loam and basalt bedrock. No timber. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 17, 18, 19, and 20. N. 0°03' W., bet. secs. 17 and 18. Over gently rolling land on top of Red Clay Mesa.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 18. Set a brass tablet, 3 1/8 ins. diam., 2 1/2 ins. stem, cemented in a drill hole in solid basalt bedrock, with top mkd. T 24 N R 22 E 1/4 S 18 | S 17 2014 Deposit a magnet, without plastic case, at the base of the brass tablet. Cor. is located 40 ft. below top of Red Clay Mesa rim, and on a steep E. facing slope.
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., 25 ins. in the ground, with brass cap mkd.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E S 7 | S 8 S 18 | S 17 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 1.60 chs. N. of the base of Red Clay Mesa, 300 ft. high, bears S. 75° E. and S. 75° W. Land, gently rolling and broken. Soil, sandy loam and basalt bedrock. Timber, sparse juniper. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 8, 9, 16, and 17. S. 89°54' W., bet. secs. 8 and 17. Over gently rolling land.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 8 1/4 —— S 17 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located half way up a steep NW facing slope, and is 40 lks. N. of the base of a sandstone cliff, 40 ft. high, bears N. 45° E. and S. 40° W.
80.00	The cor. of secs. 7, 8, 17, and 18. Land, gently rolling and broken. Soil, sandy loam. Timber, sparse juniper. Undergrowth, native grasses and salt brush

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 89°54' W., bet. secs. 7 and 18.
	Over gently rolling land.
36.20	The base of Red Clay Mesa, 300 ft. high, bears N. 45° E. and S. 40° W.
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., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E S 7 1/4 —— S 18
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
75.69	The cor. of secs. 7 and 18 only, on the W. bdy. of the Tp., hereinbefore described.
	Land, gently rolling. Soil, sandy loam. No timber. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 7, 8, 17, and 18.
	N. 0°03' W., bet. secs. 7 and 8.
	Over gently rolling land through open valley.
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.
	T 24 N R 22 E 1/4 S 7 | S 8
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
60.64	Intersect the superseded S. bdy. of the Hopi Indian Reservation, established by Executive Order in 1882, and surveyed by Leonard W. Murphy and Paul G. Bauer in 1964. The 1882 Executive Order was superseded by Public Law 93-531 and the 1964 survey is no longer recognized as the S. bdy. of the Hopi Indian Reservation. From this point, the 178 1/2 mile cor., bears West, 32.14 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. EO 1882 178 1/2 M NAVAJO 1964. Cor. is located in a barbed wire fence, 5 strand, bears E. and W.
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., 23 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 6 | S 5 S 7 | S 8 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Land, gently rolling and broken. Soil, sandy loam and basalt gravel. Timber, scattered juniper. Undergrowth, native grasses, salt brush, and Mormon tea.
	From the cor. of secs. 4, 5, 8, and 9. S. 89°54' W., bet. secs. 5 and 8. Over gently rolling land.
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., 25 ins. in the ground, with brass cap mkd. T 24 N R 22 E S 5 1/4 S 8 2014

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The cor. of secs. 5, 6, 7, and 8.
	Land, gently rolling. Soil, sandy loam. Timber, scattered juniper. Undergrowth, native grasses, salt brush, and Mormon tea.
	S. 89°54' W., bet. secs. 6 and 7.
	Over gently 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., 25 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 6 / S 7 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located 1.25 chs. E. of mesa base, 200 ft. high, bears S. 10° W. and N. 75° W.
66.85	Power line, bears N. 35° E. and S. 35° W.
75.75	The cor. of secs. 6 and 7 only, on the W. bdy. of the Tp., hereinbefore described.
	Land, gently rolling and broken. Soil, sandy loam and basalt rock outcrops. No timber. Undergrowth, native grasses and salt brush.
	From the cor. of secs. 5, 6, 7, and 8.
	N. 0°03' W., bet. secs. 5 and 6.
	Over gently rolling land.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
23.98	From this point, an enclosed concrete pad 8 x 6 ft., projecting 14 ins. above ground, with a concrete well cover on top, known as Mike Spring, is tucked inside a cove overhang against the E. wall of a silt cliff face, 100 ft. high, bears W., 6.41 chs. dist.
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., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E 1/4 S 6 | S 5 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby.
45.20	Underground water line, bears N. 80° E. and S. 80° W.
46.05	Power line, bears N. 80° E. and S. 80° W.
52.85	Bladed dirt road, 20 ft. wide, bears N. 85° E. and S. 75° W.
54.90	Bladed dirt road, 20 ft. wide, bears N. 55° E. and S. 50° W.
80.67	Point for the closing cor. of secs. 5 and 6, at intersection with the Sixth Standard Parallel North, on the N. bdy of the Tp. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 25 N R 22 E S 31 S 6 | S 5 T 24 N R 22 E CC 2014 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. 31, T. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T25N R22E 1/4 S31 2001, bears S. 89°55' E., 27.04 chs. dist. Add the marks S5 T24N R22E 2013 to the brass cap.

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

From this same cor. point, the stan. cor. of secs. 31 and 36, T. 25 N., Rs. 21 and 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T25N R21E R22E S36 S31 2010 2001, bears N. 89°55' W., 13.13 chs. dist. Add the marks S6 T24N R22E 2013 to the brass cap.

Land, gently rolling and broken.
Soil, sandy clay loam.
No timber.
Undergrowth, native grasses.

Point for the 1/4 sec. cor. of sec. 5 only, at midpoint on the N. bdy. of sec. 5, on the Sixth Standard Parallel North.

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

T 25 N R 22 E
S 31

1/4 S 5
T 24 N R 22 E

2014

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. 25 N., R. 22 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. SC T25N R22E S31 S32 2001, bears S. 89°55' E., 27.21 chs. dist. Add the marks S5 T24N R22E 2013 to the brass cap.

From this same cor. point, the stan. 1/4 sec. cor. of sec. 31, T. 25 N., R. 22 E., bears N. 89°55' W., 12.96 chs. dist., hereinbefore described.

Point for the 1/4 sec. cor. of sec. 6 only, at 40.00 chs. in westing from the closing cor. of secs. 5 and 6, on the N. bdy. of sec. 6, on the Sixth Standard Parallel North.

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

Survey of the Subdivisional Lines,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 25 N R 21 E S 36 1/4 S 6 T 24 N R 22 E 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	From this cor. point, the stan. cor. of secs. 31 and 36, T. 25 N., Rs. 21 and 22 E., bears S. 89°49' E., 26.87 chs. dist., hereinbefore described.
	From this same cor. point, the stan. 1/4 sec. cor. of sec. 36, T. 25 N., R. 21 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with a mound of stone, 4 ft. base, 1 1/2 ft. high, to the N., with brass cap mkd. SC T25N R21E 1/4 S36 2010, bears N. 89°49' W., 13.08 chs. dist. Add the marks S6 T24N R22E 2013 to the brass cap.
	Subdivision of Section 12, **T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona**
	From the 1/4 sec. cor. of secs. 12 and 13.
	North, on the N. and S. center line of sec. 12.
	Over gently rolling land.
20.60	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
21.70	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 65° E. and S. 65° W.
40.00	Point for the center 1/4 sec. cor. of sec. 12, at intersection with the E. and W. center line sec. 12.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E C 1/4 S 12 2013

Subdivision of Section 12,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The 1/4 sec. cor. of secs. 1 and 12.
	From the 1/4 sec. cor. of secs. 7 and 12 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. T24N R22E R23E 1/4 S12 S7 2010. Add the marks 2013 to the brass cap.
	S. 89°54' W., on the E. and W. center line of sec. 12.
	Over gently rolling land.
40.00	The center 1/4 sec. cor. of sec. 12.
80.00	The 1/4 sec. cor. of secs. 11 and 12.

Subdivision of Section 13,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

	From the 1/4 sec. cor. of secs. 13 and 24.
	North, on the N. and S. center line of sec. 13.
	Over gently rolling land.
10.30	Power line, bears E. and W.
40.00	Point for the center 1/4 sec. cor. of sec. 13, at intersection with the E. and W. center line sec. 13.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E C 1/4 S 13 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.

Subdivision of Section 13,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located 12 lks. S. of most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 80° E. and S. 80° W., and is 90 lks. S. of most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
74.50	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
75.70	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
76.90	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
80.00	The 1/4 sec. cor. of secs. 12 and 13.
	From the 1/4 sec. cor. of secs. 13 and 18 on the E. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T24N R22E R23E 1/4 S13 S18 2010. Add the marks 2013 to the brass cap.
	S. 89°54' W., on the E. and W. center line of sec. 13.
	Over gently rolling land.
40.00	The center 1/4 sec. cor. of sec. 13.
80.00	The 1/4 sec. cor. of secs. 13 and 14.

Subdivision of Section 14,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

	From the 1/4 sec. cor. of secs. 14 and 23.
	N. 00°01' W., on the N. and S. center line of sec. 14.
	Over gently rolling land.
10.00	Power line, bears S. 85° E. and N. 85° W.
20.20	Underground water line, bears S. 75° E. and N. 75° W.
40.00	Point for the center 1/4 sec. cor. of sec. 14, at intersection with the E. and W. center line sec. 14.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Subdivision of Section 14,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E C 1/4 S 14 2013
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
44.60	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
45.80	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
47.00	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
48.75	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
49.60	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
66.90	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
68.05	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
80.00	The 1/4 sec. cor. of secs. 11 and 14.

	From the 1/4 sec. cor. of secs. 13 and 14.
	S. 89°54' W., on the E. and W. center line of sec. 14.
	Over gently rolling land.
40.00	The center 1/4 sec. cor. of sec. 14.
52.30	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
55.50	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
58.70	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
62.85	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.

Subdivision of Section 14,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
65.00	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
76.35	Power line, bears N. and S.
80.00	The 1/4 sec. cor. of secs. 14 and 15.

Subdivision of Section 15,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

	From the 1/4 sec. cor. of secs. 15 and 22.
	N. 00°02' W., on the N. and S. center line of sec. 15.
	Over gently rolling land on top of mesa.
6.30	Top of basalt rim, 80 ft. high, bears N. 60° E. and S. 50° W.
14.70	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
15.90	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
17.10	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
17.95	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
18.75	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
19.60	Power line, bears N. 70° E. and S. 70° W.
19.95	Underground water line, bears N. 70° E. and S. 70° W.
33.65	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
34.55	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
40.00	Point for the center 1/4 sec. cor. of sec. 15, at intersection with the E. and W. center line sec. 15.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E C 1/4 S 15
	2013

Subdivision of Section 15,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
80.00	The 1/4 sec. cor. of secs. 10 and 15.
	From the 1/4 sec. cor. of secs. 14 and 15.
	S. 89°54' W., on the E. and W. center line of sec. 15.
	Over gently rolling land.
24.50	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
26.90	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
40.00	The center 1/4 sec. cor. of sec. 15.
80.00	The 1/4 sec. cor. of secs. 15 and 16.
	Subdivision of Section 16, **T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona**
	From the 1/4 sec. cor. of secs. 16 and 21.
	N. 00°02' W., on the N. and S. center line of sec. 16.
	Over gently rolling land, ascending S. slope of mesa.
1.20	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 75° E. and S. 75° W.
2.20	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 75° E. and S. 75° W.
40.00	Point for the center 1/4 sec. cor. of sec. 16, at intersection with the E. and W. center line sec. 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 22 E C 1/4 S 16
	2014

Subdivision of Section 16,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located 24 lks. N. of base of cliff, 15 ft. high, bears S. 50° E. and N. 75° W.
80.00	The 1/4 sec. cor. of secs. 9 and 16.
	From the 1/4 sec. cor. of secs. 15 and 16.
	S. 89°54' W., on the E. and W. center line of sec. 16.
	Over gently rolling land.
40.00	The center 1/4 sec. cor. of sec. 16.
80.00	The 1/4 sec. cor. of secs. 16 and 17.
	Subdivision of Section 19, **T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona**
	From the 1/4 sec. cor. of secs. 19 and 30.
	N. 00°03' W., on the N. and S. center line of sec. 19.
	Over gently rolling land.
8.60	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
9.90	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
11.20	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
19.35	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
20.10	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
40.00	Point for the center 1/4 sec. cor. of sec. 19, at intersection with the E. and W. center line sec. 19.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

Subdivision of Section 19,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 22 E C 1/4 S 19 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
44.60	Barbed wire fence, 4 strand, bears S. 80° E. and N. 80° W.
49.15	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
50.20	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
80.00	True point for the 1/4 sec. cor. of secs. 18 and 19.
	From the 1/4 sec. cor. of secs. 19 and 20.
	S. 89°54' W., on the E. and W. center line of sec. 19.
	Over gently rolling land.
40.00	The center 1/4 sec. cor. of sec. 19.
76.75	The 1/4 sec. cor. of sec. 19 only, on the W. bdy. of the Tp.
	Subdivision of Section 20, **T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona**
	From the 1/4 sec. cor. of secs. 20 and 29.
	N. 00°03' W., on the N. and S. center line of sec. 20.
	Over gently rolling land.
33.40	Power line, bears N. 70° E. and S. 70° W.
36.85	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
38.00	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
40.00	Point for the center 1/4 sec. cor. of sec. 20, at intersection with the E. and W. center line sec. 20.

Subdivision of Section 20,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 22 E C 1/4 S 20 2014 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. Cor. is located 2.35 chs. W. and 80 lks. N. of the N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, bears N. 70° E. and S. 70° W., and 2.60 chs. E. of trail road, bears N. and S. 5° E.
42.45	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
43.20	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
64.75	Most southerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
65.85	Most northerly of four, El Paso Natural Gas Co., underground natural gas lines, bears N. 80° E. and S. 80° W.
80.00	The 1/4 sec. cor. of secs. 17 and 20.
	From the 1/4 sec. cor. of secs. 20 and 21. S. 89°54' W., on the E. and W. center line of sec. 20. Over gently rolling land.
21.25	Power line, bears N. 70° E. and S. 70° W.
30.70	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
34.20	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
37.65	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
40.00	The center 1/4 sec. cor. of sec. 20.
47.90	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.

Subdivision of Section 20,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
50.40	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
80.00	The 1/4 sec. cor. of secs. 19 and 20.

Subdivision of Section 21,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

	From the 1/4 sec. cor. of secs. 21 and 28.
	N. 00°02' W., on the N. and S. center line of sec. 21.
	Over gently rolling land on top of Wood Chop Mesa.
40.00	Point for the center 1/4 sec. cor. of sec. 21, at intersection with the E. and W. center line sec. 21.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground and in solid basalt bedrock, with brass cap mkd.
	T 24 N R 22 E C 1/4 S 21
	2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Raise a mound of stone, 3 1/2 ft. base, 3 ft. high, W. of cor.
47.70	Rim of Wood Chop Mesa, 15 ft. high, bears N. 80° E. and N. 55° W.
62.70	Power line, bears N. 35° E. and S. 35° W.
62.86	From this point, the SW cor. of chain link fences, 6 ft. high, surrounds the community water tank, 140 ft. diam., 30 ft. high, bears E., 6.01 chs. dist.
64.80	S. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.
66.00	BIA Route 15, an asphalt road, 35 ft. wide, bears N. 70° E. and S. 70° W.
67.00	N. right-of-way fence of BIA Route 15, barbed wire, 5 strand, parallels highway.

Subdivision of Section 21,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
67.30	Most southerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
68.05	Most northerly of two, Transwestern Pipeline Co., underground natural gas lines, bears N. 70° E. and S. 70° W.
80.00	The 1/4 sec. cor. of secs. 16 and 21.
	From the 1/4 sec. cor. of secs. 21 and 22.
	S. 89°54' W., on the E. and W. center line of sec. 21.
	Over gently rolling land on top of Wood Chop Mesa.
40.00	The center 1/4 sec. cor. of sec. 21.
80.00	The 1/4 sec. cor. of secs. 20 and 21.

Subdivision of Section 30,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

	From the 1/4 sec. cor. of secs. 30 and 31.
	N. 00°03' W., on the N. and S. center line of sec. 30.
	Descending over gently rolling slope on top of Wood Chop Mesa.
40.00	Point for the center 1/4 sec. cor. of sec. 30, at intersection with the E. and W. center line sec. 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd. T 24 N R 22 E C 1/4 S 30 2014
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Set a steel fence post nearby.
	Cor. is located on E. edge of mountain drainage, 2 ft. wide, 1 ft. deep, drains N. 10° W.
80.00	The 1/4 sec. cor. of secs. 19 and 30.

Subdivision of Section 30,
T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	From the 1/4 sec. cor. of secs. 29 and 30.
	S. 89°54' W., on the E. and W. center line of sec. 30.
	Over gently rolling land on top of Wood Chop Mesa.
40.00	The center 1/4 sec. cor. of sec. 30.
77.58	The 1/4 sec. cor. of sec. 30 only, on the W. bdy. of the Tp.

GENERAL DESCRIPTION

The area encompassed by this survey is within the Navajo Indian Reservation, about 40 miles north of Holbrook, Arizona, and 9 miles southwest of Greasewood, Arizona. The south half and northwest portions are mountainous and broken. Wood Chop Mesa dominates the south half and Red Clay Mesa dominates the central west portion. The northeast and east portions are in the lower elevation, consisting of rolling land.

The elevation ranges from 5800 to 6300 feet above sea level, the soil is predominately sandy. Timber consists of sparse scattered juniper throughout the township, and more so in the higher elevation. Undergrowth consists of native grasses, brush, and Mormon tea. Several named springs were located in the township, more so near the base of the mesas.

BIA Route 15, an asphalt road, provides access through the township from the northeast and exits via the southwest boundary, where numerous track roads branch throughout the township, connecting to BIA Route N153, a bladed dirt road, in the southeast portion of the township. El Paso Natural Gas Company and Transwestern Pipeline Company, have underground natural gas lines that traverse parallel, north of BIA Route 15, where Transwestern Pipeline Company turns southeast in section 14 to exit the township.

The mean magnetic declination of 10 1/2° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005-2015 for the dates of survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Mark R. Searles	Surveying Technician
Daniel Bryan	Engineering Technician
Byron Shorty	Engineering Technician
Kevin Tso	Engineering Technician

CERTIFICATE OF SURVEY

I, Fabian Yazzie, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 6th day of November, 2013, I have dependently resurveyed the east boundary, Township 24 North, Range 21 East, surveyed the south boundary, the subdivisional lines, and the subdivision of certain sections, T. 24 N., R. 22 E., 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. 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, 2009, and in specific manner described in the foregoing field notes.

1/20/2015
(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependently resurveyed east boundary, Township 24 North, Range 21 East, the survey of the south boundary, the subdivisional lines, and the subdivision of certain sections, T. 24 N., R. 22 E., Gila and Salt River Meridian, in the State of Arizona, executed by Fabian Yazzie, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

1/23/2015
(Date)

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 24 N., R. 22 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~