ORIGINAL

¹ BOOK 5431

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

	DEPENDENT RESURVEY OF
	THE SOUTH, EAST, AND NORTH BOUNDARIES,
	AND
	A PORTION OF THE SUBDIVISIONAL LINES,
	TOWNSHIP 18 NORTH, RANGE 29 EAST
Of the In the State of	Gila and Salt River Meridian, Arizona
	EXECUTED BY
	Stephen J. Malloy, Cadastral Surveyor

Under Special Instructions dated <u>January 12, 1987</u>, approved <u>February 23, 1987</u>, <u>and Supplemental Special Instructions dated February 29, 1988</u>, approved <u>February 29, 1988</u>, which provided for the surveys included under Group Number <u>687</u> and assignment instructions dated July 11, 1988.

Survey commenced <u>June 6, 1993</u> Survey completed <u>July 1, 1993</u> TOWNSHIP 18 NORTH , RANGE 29 EAST ,

26	25	24	23	22	20
6	5	4	3	2	1 19
7	8	9	10	11	12 18
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T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of the south, east, and north boundaries, and a portion of the subdivisional lines, Township 18 North, Range 29 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this dependent resurvey is as follows: The south east and west boundaries, and the subdivisional lines were surveyed by Henry A. Coe in 1882. The north boundary was surveyed by W. R. Fitzgerald in 1882. The west boundary was dependently resurveyed by William P. Carpender and Stephen K. Hansen in 1993.

The survey was executed in accordance with the specifications as set forth in the <u>Manual of Surveying Instructions</u>, 1973, the Special Instructions dated January 12, 1987, and the Supplemental Special Instructions dated February 29, 1988, for Group No. 687, Arizona.

The purpose of this survey was to determine a portion of the Navajo-Hopi Indian Relocation Commission boundary.

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

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia Set2BII and a Topcon GTS3B total station instruments.

The geographic position of the northwest township corner was determined by the technique of static differential positioning using Ashtech models M-XII and MS-XII geodetic units. U.S. Coast and Geodetic Survey triangulation stations "BEACON 1936" and "CRAFTON 1936" were used as the control stations. The elevation and coordinates refer to the top of the monument.

Elevation

Latitude

Longitude

6756.8 ft.

35°59'40.465" N. 109°18'48.098" W. NAD27

The mean magnetic declination, as taken from quadrangle map WILD COW LAKE, ARIZ., published in 1978 by U.S. Geological Survey, is 13° E.

Dependent Resurvey of the South Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by Henry A. Coe, in 1882

Beginning at the cor. of Tps. 17 and 18 N., Rs. 29 and 30 E., at intersection of barbed wire fences, extending N., E., and S. This cor. is harmoniously related with identified existing orig. cors. in the area, is locally accepted as the cor. and is accepted as the best available evidence of the orig. cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T18N		
R29E	R30E	
S36	S31	
s 1	s 6	
	L7N 993	

Raise a mound of stone, 3 base, 1 1/2 ft. high S. of the cor.

Deposit a magnet in a $1 \times 1 \times 2$ 5/8 in. white colored plastic case beneath the stainless steel post.

Set a steel fence post near by.

From this cor. point, an iron pipe, 1 in. diam., firmly set, projecting 4 ins. above ground, bears N. 89°59' W., 333 lks. dist. This position was established by Robert M. Williams Jr., R.L.S. 4123, in 1961, using improper procedures and is not utilized in the course of this resurvey.

N. 89°34' W., bet. secs. 1 and 36, on the S. bdy. of the Tp.

Over gently rolling land, with moderate juniper and piñon pine, along a track road.

40.31 Point for the 1/4 sec. cor. of secs. 1 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

CHAINS	m10v = 20=		
	T18N R29E S36		
	1/4 —		
	S 1		
	T17N		
	1993		
	from which		
	A piñon pine, 12 ins. diam., bears N. 27° W., 402 lks. dist., mkd. 1/4 S36 BT.		
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.		
	Set a steel fence post near by.		
	Cor. is located within a partially eroded and abandoned track road, 12 lks. wide, bears E. and W., and 42 lks. N. of another replacement track road, 12 lks. wide, bears E. and W.		
	From this cor. point, an iron pipe, 1 in. diam., firmly set, projecting 2 ins. above ground, with a brass cap, 2 ins. diam., attached and mkd. 1/4 40 41, bears N. 89°52' W., 278 lks. dist. This position was established by Robert M. Williams Jr., R.L.S. 4123, in 1961, using improper procedures and is not utilized in the course of this resurvey.		
80.62	Point for the cor. of secs. 1, 2, 35, and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.		
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.		
	T18N R29E S35 S36		
	s 2 s 1		
	S 2 S 1 T17N		
	1993		
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.		
	Set a steel fence post near by.		
	Cor. is located N. of southerly side of a track road, 12 lks. wide, bears E. and W.		

From this cor. point, an iron pipe, 1 in. diam., firmly set, projecting 1 in. above ground, bears N. 89°51' W., 266 lks. dist., with a rebar of unknown origin, 1/2 in. diam., firmly	
projecting 1 in. above ground alongside the iron pipe. This position was established by Robert M. Williams Jr., R.L.S. 41 in 1961, using improper procedures and is not utilized in the course of this resurvey.	123,
N. 89°34' W., bet. secs. 2 and 35, on the S. bdy. of the Tp.	
Over gently rolling land with moderate juniper.	
2.75 Track road, 12 lks. wide, bears N. and S.	
9.87 Barbed wire fence, 4 strand, at the southerly right-of-way of State Highway 61, bears NE and SW.	E
11.81 Center line of State Highway 61, 2 lane, asphalt-surfaced, 38 lks. wide, bears NE and SW.	
Barbed wire fence, 4 strand, at the northerly right-of-way of State Highway 61, bears NE and SW.	Ē
40.31 Point for the 1/4 sec. cor. of secs. 2 and 35, at proportions dist.; there is no remaining evidence of the orig. cor.	ate
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.	
T18N R29E S35 1/4 — S 2 T17N 1993	
Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plast: case beneath the stainless steel post.	ic
Set a steel fence post near by.	
Cor. is located 3 lks. S. of a fence, bears E. and W.	
Over near level land with sparsely scattered juniper.	
Barbed wire fence, 4 strand, at the easterly right-of-way of Highway 666, bears N. and S.	U.S.
52.54 Center line of U.S. Highway 666, 2 lane, macadam-surfaced, 44 lks. wide, bears N. and S.	

Dependent Resurvey of the South Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

	T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona
CHAINS 52.76	Continue westerly along N. side of bladed dirt county road, 33 lks. wide, bears E. and W.
53.67	Barbed wire fence, 4 strand, at the westerly right-of-way of U.S. Highway 666, bears N. and S.
80.62	Point for the cor. of secs. 2, 3, 34, and 35, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T18N R29E S34 S35
	S 3 S 2 T17N 1993
	from which
	A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 23 ins. in the ground, for a reference monument, bears S. 8°09' E., 52.3 ft. dist., with brass cap mkd. RM T17NR29E 52.3 FT. TO COR. S2 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.
	A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 23 ins. in the ground, for a reference monument, bears S. 75°09' E., 175.5 ft. dist., with brass cap mkd. RM T17NR29E 175.5 FT. TO COR. S3 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.
·	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	Cor. is located 5 lks. S. of a fence, bears E. and W., and 36 lks. N. of the center of a county road, 33 lks. wide, bears E. and W.
	N. 89°34' W., bet. secs. 3 and 34, on the S. bdy. of the Tp.

N. 89°34' W., bet. secs. 3 and 34, on the S. bdy. of the Tp.

Over gently rolling land along the N. side of a county road.

Dependent Resurvey of the South Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS **40.31**

Point for the 1/4 sec. cor. of secs. 3 and 34, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T18N R29E S34 1/4 —— S 3 T17N 1993

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

Set a steel fence post near by.

Cor. is located 1/2 lk. S. of a fence, bears E. and W., and 39 lks. N. of the center of a county road, 32 lks. wide, bears E. and W.

80.62

The cor. of secs. 3, 4, 33, and 34, perpetuated by Robert M. Williams Jr., R.L.S. 4123, in 1962, monumented with an iron pipe, 1 in. diam., 18 ins. long, firmly set, 2 ins. below the surface of ground, with brass cap mkd. 4 3. Williams determined the cor. position from the orig. wooden post, which no longer exists, according to records filed at Rick Engineering Company, in Phoenix, Az. This is accepted as a careful and faithful perpetuation of the orig. cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

T18N S33	R29E S34
S 4	S 3 7N
	993

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

Deposit the iron pipe inside the stainless steel post.

Set a steel fence post near by.

Cor. is located 1 lk. S. of a fence, bears E. and W., and 36 lks. N. of the center of County Road, 32 lks. wide, bears E. and W.

Dependent Resurvey of the South Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

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From this cor. point, a rebar, 1/2 in. diam., firmly set, projecting 4 in. above ground, bears S. 0°12' W., 5.00 chs. dist., established by Robert M. Williams Jr., R.L.S. 4123, in 1962, as the SE cor. of lot 480, Witch Well Ranches Unit Four.

N. 89°36' W., bet. secs. 4 and 33, on the S. bdy. of the Tp.

Over gently rolling land along the N. side of County Road.

23.36 Point for a witness point on line bet. secs. 4 and 33.

Set an aluminum post, 36 ins. long, 3/4 ins. diam., 33 ins. in the ground, with aluminum cap mkd.

WP T18N R29E S33 —— S 4 T17N 1993

Set a steel fence post near by.

Cor. is located 1 1/2 lks. S. of a fence, bears E. and W., and 35 lks. N. of the center of a county road, 33 lks. wide, bears E. and W.

40.06

Point for the 1/4 sec. cor. of secs. 4 and 33, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

T18N R29E S33 1/4 —— S 4 T17N 1993

from which

A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 27 ins. in the ground, for a reference monument, bears N. 0°30' W., 3.9 ft. dist., with brass cap mkd. RM T18NR29E 3.9 FT. TO COR. 1/4 S33 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W..

Dependent Resurvey of the South Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

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

Set a steel fence post near by.

Cor. is located 6 lks. S. of a fence, bears E. and W., and 30 lks. N. of the center of a county road, 33 lks. wide, bears E. and W.

80.12

Point for the cor. of secs. 4, 5, 32, and 33, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

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S	5_	S	4
		17N 993	

from which

A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 25 ins. in the ground, for a reference monument, bears S. 68°18' W., 117.5 ft. dist., with brass cap mkd. RM T17NR29E 117.5 FT. TO COR. S5 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.

A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 26 ins. in the ground, for a reference monument, bears N. 0°38' W., 7.4 ft. dist., with brass cap mkd. RM T18NR29E 7.4 FT. TO COR. S32 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.

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

Set a steel fence post near by.

Cor. is located 11 lks. S. of a fence, bears E. and W., and 25 lks. N. of the center of a county road, 34 lks. wide, bears E. and W.

N. 89°36' W., bet. secs. 5 and 32, on the S. bdy. of the Tp.

Over gently rolling land along the N. side of a county road.

Dependent Resurvey of the South Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS **40.06**

Point for the 1/4 sec. cor. of secs. 5 and 32, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 40 ins. in the ground, with brass cap mkd.

T18N R29E S32 1/4 — S 5 T17N 1993

from which

A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 24 ins. in the ground, for a reference monument, bears N. 0°27' E., 13.0 ft. dist., with brass cap mkd. RM T18NR29E 13.0 FT. TO COR. 1/4 S32 1993, and an arrow pointing to the cor. RM is located in a fence, bears E and W.

A juniper, 6 ins. diam., bears S. 42 3/4° E., 173 lks. dist., mkd. 1/4 S5 BT.

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

Cor. is located 20 lks. S. of a fence, bears E. and W., and 23 lks. N. of the center of a county road, 35 lks. wide, bears E. and W.

80.12

Point for the cor. of secs. 5, 6, 31, and 32, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 46 ins. in the ground, with brass cap mkd.

T18N R29E S31 | S32 S 6 | S 5 T17N 1993

CHAINS	from which
	A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 26 ins. in the ground, for a reference monument, bears N. 2°42' E., 14.1 ft. dist., with brass cap mkd. RM T18NR29E 14.1 FT. TO COR. S32 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.
	A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 26 ins. in the ground, for a reference monument, bears S. 55°04' E., 73.2 ft. dist., with brass cap mkd. RM T17NR29E 73.2 FT. TO COR. S5 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.
	A juniper, 8 ins. diam., bears N. 43 1/4° W., 102 1/2 lks. dist., mkd. T18N R29E S31 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 21 lks. S. of a fence, bears E. and W., and 18 lks. N. of the center of a county road, 35 lks. wide, bears E. and W.
	N. 89°36' W., bet. secs. 6 and 31, on the S. bdy. of the Tp.
	Over gently rolling land along the N. side of a county road.
40.06	Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T18N R29E S31 1/4 — S 6 T17N 1993
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CHAINS	from which
	A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 25 ins. in the ground, for a reference monument, bears N. 0°27' E., 7.2 ft. dist., with brass cap mkd. RM T18NR29E 7.2 FT. TO COR. 1/4 S31 1993, and an arrow pointing to the cor. RM is located in a fence, bears E. and W.
	A monument, 30 ins. long, 2 1/2 ins. diam., composed of an iron post, 25 ins. long and a magnetic poly breakaway base, 25 ins. in the ground, for a reference monument, bears S. 56°44' E., 91.6 ft. dist., with brass cap mkd. RM T17NR29E 91.6 FT. TO COR. 1/4 S6 1993, and an arrow pointing to the cor. RM is located 2 lks. N. of a fence, bears E. and W.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Cor. is located 11 lks. S. of a fence, bears E. and W., and 36 lks. N. of the center of a county road, 33 lks. wide, bears E. and W.
78.34	The cor. of Tps. 17 and 18 N., Rs. 28 and 29 E., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. T18N R28E R29E S36 S31 S1 S6 T17N 1993 1966. Cor. is located in a fence, bears N. and S., and 8 lks. S. of the cor. of fences, extending E., S., and W.
	Dependent Resurvey of the East Boundary, T. 18 N., R. 29 E., Gila and Salt River Mer., Arizona
	Restoring the survey executed by Henry A. Coe, in 1882
	From the cor. of Tps. 17 and 18 N., Rs. 29 and 30 E., hereinbefore described.
	N. 1°27' E., bet. secs. 31 and 36, on the E. bdy. of the Tp.
	Over gently rolling land, railed to the E., dense juniper and piñon pine to the W., and along a fenceline, bearing N. and S.
15.49	Point for a witness point on line bet. secs. 31 and 36.
	Set an aluminum post, 36 ins. long, 3/4 ins. diam., 33 ins. in the ground, with aluminum cap mkd.
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CHAINS	WP T18N R29E R30E S36 S31 1993
	Set a steel fence post near by.
	Witness point is located in a railed area 38 lks. E. of a fence, bears N. and S.
39.53	Point for the 1/4 sec. cor. of secs. 31 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T18N 1/4 R29E R30E S36 S31 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	Cor. is located in a railed area 95 lks. E. of a fence, bears N. and S.
52.48	Point for a witness point on line bet. secs. 31 and 36.
	Set an aluminum post, 36 ins. long, 3/4 ins. diam., 35 ins. in the ground, with aluminum cap mkd.
	WP T18N R29E R30E S36 S31 1993
	Set a steel fence post near by.
	Witness point is located 110 lks. E. of a fence, bears N. and S., and in a railed area.
74.98	Barbed wire fence, 4 strand, at the southerly right-of-way of State Highway 61, bears NE and SW.
76.34	Center line of State Highway 61, 2 lane, asphalt-surfaced, 38 lks. wide, bears NE and SW.

		T. 18 N., R. 29 E., Gila and Sait River Meridian, Arizona
75	14UNS	Barbed wire fence, 4 strand, at the northerly right-of-way of State Highway 61, bears NE and SW.
79.	•06	Point for the cor. of secs. 25, 30, 31, and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.
		Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
		T18N R29E R30E S25 S30
		S36 S31 1993
		Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
		Set a steel fence post near by.
		Cor is located in a railed area 161 lks. E. of a fence, bears N. and S.
		N. 1°27' E., bet. secs. 25 and 30, on the E. bdy. of the Tp.
		Over gently rolling land, railed.
39.	.53	Point for the 1/4 sec. cor. of secs. 25 and 30, at proportionate dist.; there is no remaining evidence of the orig. cor.
		Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
		T18N 1/4 R29E R30E S25 S30 1993
		Deposit a magnet in a 1 x 1 x 2 $5/8$ ins. white colored plastic case beneath the stainless steel post.
		Set a steel fence post near by.
		Cor. is located in a railed area 235 lks. E. of a fence, bears N. and S.
79.	06	Point for the cor. of secs. 19, 24, 25, and 30, at proportionate dist.; there is no remaining evidence of the orig. cor.
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Dependent Resurvey of the East Boundary T. 18 N., R. 29 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	L8N
R29E	R30E
S24	S19
S25	S30
	993

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

Set a steel fence post near by.

Cor is located in a railed area 305 lks. E. of a fence, bears N. and S.

N. 1°27' E., bet. secs. 19 and 24, on the E. bdy. of the Tp.

Over gently rolling land.

39.53 Point for the 1/4 sec. cor. of secs. 19 and 24, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

T18N 1/4 R29E | R30E S24 | S19 1993

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

Set a steel fence post near by.

Cor. is located in a railed area 383 lks. E. of a fence line, bears N. and S.

79.06 | Point for the

Point for the cor. of secs. 13, 18, 19, and 24, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

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CHAINS	T18N R29E R30E S13 S18
	S24 S19 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	Cor is located 462 lks. E. of a fence, bears N. and S., and in a railed area.
	N. 1°27' E., bet. secs. 13 and 18, on the E. bdy. of the Tp.
	Over gently rolling land, railed.
39.53	Point for the 1/4 sec. cor. of secs. 13 and 18, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T18N 1/4 R29E R30E S13 S18 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	Cor. is located 48 lks. W. of a fence line, bears NNE and SSW.
78.00	Top of ridge, bears E. and W.
79.06	Point for the cor. of secs. 7, 12, 13, and 18, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
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CHAINS	T18N R29E R30E S12 S 7
	S13 S18 1993
i	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	N. 1°27' E., bet. secs. 7 and 12, on the E. bdy. of the Tp.
	Descend over gently rolling land with moderate juniper and piñon pine.
39.53	Point for the 1/4 sec. cor. of secs. 7 and 12, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T18N
	1/4
	R29E R30E S12 S 7 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
79.06	Point for the cor. of secs. 1, 6, 7, and 12, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T18N R29E R30E S 1 S 6
	S12 S 7 1993
	from which
	A juniper, 7 ins. diam., bears S. 29 1/4° E., 307 lks. dist., mkd. T18N R30E S7 BT.

CHAINS	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	N. 1°27' E., bet. secs. 1 and 6, on the E. bdy. of the Tp.
	Over gently rolling land with scattered juniper.
3.80	Enter dense juniper and piñon pine.
39.53	Point for the 1/4 sec. cor. of secs. 1 and 6, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T18N
	1/4 R29E R30E
	S 1 S 6 1993
	from which
	A piñon, 7 ins. diam., bears S. 62 1/4° E., 53 1/2 lks. dist., mkd. 1/4 S6 BT.
	A juniper, 11 ins. diam., bears N. 45 1/4° W., 36 lks. dist., mkd. 1/4 S1 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
79.06	The cor. of Tps. 18 and 19 N., Rs. 29 and 30 E., monumented with a hewn juniper post, 36 ins. long, 3 ins. square, firmly set, projecting 24 ins. above ground, mkd. with illegible scribe marks on opposing faces.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.

CHAINS	T19N
1.	R29E R30E
	S36 S31
	S 1 S 6
	T18N
	1993
	from which
	A juniper, 6 ins. diam., bears N. 2 1/2° E., 374 lks. dist., mkd. T19N R30E S31 BT.
	A juniper, 15 ins. diam., bears N. 25 3/4° W., 394 1/2 lks. dist., mkd. T19N R29E S36 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Bury the orig. post alongside the stainless steel post.
	Set a steel fence post near by.
	Cor. is located 3.4 chs. E. of a fence, bears NNE and SSW.
	Dependent Resurvey of the North Boundary, T. 18 N., R. 29 E., Gila and Salt River Mer., Arizona
	Restoring the survey executed by W. R. Fitzgerald, in 1882
	N. 89°30' W., bet. secs. 1 and 36, on the N. bdy. of the Tp.
	Over gently rolling land with dense juniper and some piñon pine.
40.99	Point for the 1/4 sec. cor. of secs. 1 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T19N R29E S36
	1/4
	S 1
	T18N
	1993
	1333

CHAINS	T
	from which
	A juniper, 11 ins. diam., bears S. 38° E., 92 lks. dist., mkd. 1/4 S1 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
81.98	The cor. of secs. 1, 2, 35, and 36, monumented with a hewn juniper post, 3 ins. diam., 24 ins. long, laying loose on the ground.
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T19N R29E S35 S36
	S 2 S 1 T18N 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Bury the orig. post alongside the stainless steel post.
	Set a steel fence post near by.
	N. 89°05' W., bet. secs. 2 and 35, on the N. bdy. of the Tp.
	Over open near level land.
12.16	Barbed wire fence, 4 strand, at the easterly right-of-way, U.S. Highway 666, bears N. and S.
13.30	Center line of U.S. Highway 666, 2 lane, macadam-surfaced, 44 lks. wide, bears N. and S.
14.56	Barbed wire fence, 4 strand, at the westerly right-of-way, U.S. Highway 666, bears N. and S. Re-enter juniper.
40.77	Point for the 1/4 sec. cor. of secs. 2 and 35, at proportionate dist.; there is no remaining evidence of the orig. cor.

Dependent Resurvey of the North Boundary T. 18 N., R. 29 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.

T19N R29E S35 1/4 — S 2 T18N 1993

from which

A juniper, 11 ins. diam., bears N. 68 1/2° E., 54 1/2 lks. dist., mkd. 1/4 S35 BT.

A juniper, 12 ins. diam., bears S. 72 3/4° W., 93 1/2 lks. dist., mkd. 1/4 S2 BT.

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

Set a steel fence post near by.

Point for the cor. of secs. 2, 3, 34, and 35, at proportionate dist.; there is no remaining evidence of the orig. cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

from which

- A juniper, 12 ins. diam., bears S. 61° E., 205 1/2 lks. dist., mkd. T18N R29E S2 BT.
- A juniper, 16 ins. diam., bears S. 3 1/4° W., 227 1/2 lks. dist., mkd. T18N R29E S3 BT.
- A juniper, 9 ins. diam., bears N. 43 1/2° W., 122 1/2 lks. dist., mkd. T19N R29E S34 BT.

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

Dependent Resurvey of the North Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

СН		

Set a steel fence post near by.

N. 89°05' W., bet. secs. 3 and 34, on the N. bdy. of the Tp.

Over gently rolling land with scattered juniper.

40.77 Point for the 1/4 sec. cor. of secs. 3 and 34, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

from which

A juniper, 22 ins. diam., bears N. 23 3/4° E., 295 lks. dist., mkd. 1/4 S34 BT.

A juniper, 20 ins. diam., bears S. 62 1/4° E., 598 lks. dist., mkd. 1/4 S3 BT.

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

Set a steel fence post near by.

Point for the cor. of secs. 3, 4, 33, and 34, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

from which

A juniper, 7 ins. diam., bears N. 73° E., 40 1/2 lks. dist., mkd. X BT.

	T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona
CHAINS	
	A juniper, 8 ins. diam., bears S. 64° E., 70 lks. dist., mkd. X BT.
	A juniper, 12 ins. diam., bears S. 33 1/2° W., 68 lks. dist., mkd. T18N R29E S4 BT.
	A piñon, 13 ins. diam., bears N. 77° W., 87 lks. dist., mkd. T19N R29E S33 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	N. 89°05' W., bet. secs. 4 and 33, on the N. bdy. of the Tp.
	Over gently rolling land with dense juniper.
40.77	Point for the 1/4 sec. cor. of secs. 4 and 33, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	T19N R29E
	S33 1/4 —
	S 4 T18N
	1993
	from which
	A juniper, 8 ins. diam., bears S. 57 1/2° W., 42 lks. dist., mkd. 1/4 S4 BT.
	A juniper, 26 ins. diam., bears N. 38 1/4° W., 46 lks. dist., mkd. 1/4 S33 BT.
	Deposit a magnet in a $1 \times 1 \times 2$ 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
81.54	Point for the cor. of secs. 4, 5, 32, and 33, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the North Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

T19N R29E S32 | S33 S 5 | S 4 T18N 1993

from which

- A juniper, 10 ins. diam., bears N. 52 3/4° E., 81 lks. dist., mkd. T19N R29E S33 BT.
- A juniper, 6 ins. diam., bears S. 41° E., 102 1/2 lks. dist., mkd. X BT.
- A juniper, 8 ins. diam., bears S. 50° W., 105 lks. dist., mkd. T18N R29E S5 BT.
- A juniper, 16 ins. diam., bears N. 43 1/4° W., 139 1/2 lks. dist., mkd. T19N R29E S32 BT.

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

Set a steel fence post near by.

N. 89°05' W., bet. secs. 5 and 32, on the N. bdy. of the Tp.

Over gently rolling land with dense juniper.

40.77 Point for the 1/4 sec. cor. of secs. 5 and 32, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

T19N R29E S32 1/4 —— S 5 T18N 1993

from which

A juniper, 10 ins. diam., bears N. 10 1/4° E., 56 lks. dist., mkd. 1/4 S32 BT.

Dependent Resurvey of the North Boundary T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

A juniper, 16 ins. diam., bears S. 6° W., 77 1/2 lks. dist., mkd. 1/4 S5 BT.

Deposit a magnet in a $1 \times 1 \times 2$ 5/8 ins. white colored plastic case beneath the stainless steel post.

Set a steel fence post near by.

Cor. is located 490 lks. S. of a fence, bears E. and W., with a track road paralleling fence to the S.

Point for the cor. of secs. 5, 6, 31, and 32, at proportionate dist.; there is no remaining evidence of the orig. cor.

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

T19N R29E S31 | S32 S 6 | S 5 T18N 1993

from which

- A juniper, 11 ins. diam., bears S. 25 1/2° E., 256 1/2 lks. dist., mkd. T18N R29E S5 BT.
- A juniper, 15 ins. diam., bears S. 89 1/2° W., 49 lks. dist., mkd. T18N R29E S6 BT.
- A juniper, 16 ins. diam., bears N. 53 1/4° W., 249 1/2 lks. dist., mkd. T19N R29E S31 BT.

Deposit a magnet in a $1 \times 1 \times 2$ 5/8 ins. white colored plastic case beneath the stainless steel post.

Set a steel fence post near by.

Cor. is located 490 lks. S. of a fence, bears E. and W., with a track road paralleling fence to the S.

N. 89°05' W., bet. secs. 6 and 31, on the N. bdy. of the Tp.

Over gently rolling land with scattered juniper.

Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist.; there is no remaining evidence of the orig. cor.

40.77

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T19N R29E S31 1/4 — S 6 T18N 1993
	from which
	A juniper, 19 ins. diam., bears S. 45 1/2° E., 99 lks. dist., mkd. 1/4 S6 BT.
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
81.35	The cor. of Tps. 18 and 19 N., Rs. 28 and 29 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T19N R28E R29E S36 S31 S1 S6 T18N 1991. A mound of stone, 4 ft. base, 2 1/2 ft. high is S. of the cor., and a steel fence post is near the cor.
	Dependent Resurvey, Portion of the Subdivisional Lines, T. 18 N., R. 29 E., Gila and Salt River Mer., Arizona
	Restoring the survey executed by Henry A. Coe, in 1882
	From the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., hereinbefore described.
	N. 1°13' E., bet. secs. 35 and 36.
	Over gently rolling land with moderate juniper and some piñon pine.
6.06	Barbed wire fence, 4 strand, at the southerly right-of-way, State Highway 61, bears NE and SW, in a curve.
7.53	Center line of State Highway 61, 2 lane, asphalt-surfaced, 38 lks. wide, bears NE and SW, in a curve.

Dependent Resurvey of a Portion of the Subdivisional Lines T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

9.01	Barbed wire fence, 4 strand, at the northerly right-of-way, State Highway 61, bears NE and SW, in a curve.
39.50	Point for the 1/4 sec. cor. of secs. 35 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T18N R29E 1/4 S35 S36 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
65.47	Point for a witness point on line bet. secs. 35 and 36.
	Set an aluminum post, 36 ins. long, 3/4 ins. diam., 36 ins. in the ground, with aluminum cap mkd.
	WP T18N R29E S35 S36 1993
	Set a steel fence post near by.
79.00	Point for the cor. of secs. 25, 26, 35, and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	T18N R29E S26 S25
	S35 S36 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	From this cor. point, a fence cor. bears W., 240 lks. dist., with fences extending E., S., and W.

Dependent Resurvey of a Portion of the Subdivisional Lines T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

From this same cor. point, the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., bears N. 89°33'W., 401.06 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T18N R28E R29E S25 S30 S36 S31 1993. A steel fence post is near the cor.

From this same cor. point, the cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., bears N. 1°17'E., 395.45 chs. dist., hereinbefore described.

From the cor. of secs. 25, 30, 31, and 36, on the E. bdy. of the Tp., hereinbefore described.

N. 89°37' W., bet. secs. 25 and 36.

Over gently rolling land with moderate juniper and some piñon pine.

19.54 Point for a witness point on line bet. secs. 25 and 36.

> Set an aluminum post, 36 ins. long, 3/4 ins. diam., 34 ins. in the ground, with aluminum cap mkd.

> > WP T18N R29E S25 **S36** 1993

Set a steel fence post near by.

29.36 Point for a witness point on line bet. secs. 25 and 36.

> Set an aluminum post, 36 ins. long, 3/4 ins. diam., 35 ins. in the ground, with aluminum cap mkd.

> > WP T18N R29E S25 **S36** 1993

Set a steel fence post near by.

40.46 Point for the 1/4 sec. cor. of secs. 25 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.

Dependent Resurvey of a Portion of the Subdivisional Lines T. 18 N., R. 29 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.
	T18N R29E S25 1/4 — S36 1993
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near by.
	Cor. is located 102 lks. S. of a fence, bears E. and W.
63.99	Point for a witness point on line bet. secs. 25 and 36.
	Set an aluminum post, 36 ins. long, 3/4 ins. diam., 35 ins. in the ground, with aluminum cap mkd.
	WP T18N R29E S25
	 S36 1993
80.92	Set a steel fence post near by. The cor. of secs. 25, 26, 35, and 36, hereinbefore described.
00.92	

T. 18 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

Township 18 North, Range 29 East is located approximately 20 miles south-southeast of Sanders, Arizona, and 32 miles north-northeast of St. Johns, Arizona. Witch Well, Arizona is located immediately south of sections 34 and 35.

The terrain consists of gently rolling land with numerous stands of juniper forests, particularly in the western portions. A vast meadow dissects the township from section 2 in the north to section 35 in the south. The average elevation is 6,500 feet above sea level.

Hardscabble wash drains the township entering in section 2 in the north and leaving in section 35 in the south.

Access is provided directly from U.S. Highway 666, traversing through the township from section 2 in the north to section 35 in the south, State Highway 61 cuts through section 36, and a County Road follows the south boundary of the township. There are several track roads originating from these major roads servicing the interior of the township.

There are no inhabitants within the township. The primary usage of the township is for limited grazing and wood cutting.

The mean magnetic declination is 13° E. as shown on U.S.G.S. Quadrangle, "WILD COW LAKE, ARIZ.", 1978 edition.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician
Geoffrey A. Graham	Surveying Technician
Clinton T. Lancaster	Surveying Technician
Robert J. Lyle	Surveying Technician
Timothy F. Patro	Surveying Technician
Jack E. Arend	Surveying Aid
Fernando V. Garcia	Surveying Aid
Jimmie James Jr.	Surveying Aid
Wallace R. Ott Jr.	Surveying Aid
Johnny R. Ramirez	Surveying Aid
Michael A. Searles	Surveying Aid

BOOK 5431 CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 12th day of January, 1987, and Supplemental Special Instructions bearing date of the 29th day of February, 1988, I have dependently resurveyed the south, east, and north boundaries, and a portion of the subdivisional lines, of Township 18 North, Range 29 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

2-15-95 (Date)

BUREAU OF LAND MANAGEMENT Arizona State Office Phoenix, Arizona

The foregoing field notes of the dependent resurvey of the south, east, and north boundaries, and a portion of the subdivisional lines, of Township 18 North, Range 29 East, Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

CERTIFICATE OF APPROVAL

FEB 2 7 1995

(Date)

Cadastral Surveyor of Arizona)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 18 N., R. 29 E., Cila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Acting Chief Cadastral Surveyor of Arizona) (Date)