

ORIGINAL

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BOOK 5340

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF A PORTION OF THE ARIZONA-NEW MEXICO STATE LINE

BETWEEN THE 72 MILE POST AND THE 79 MILE POST,

THE SURVEY OF THE SOUTH BOUNDARY, IDENTICAL WITH THE

SEVENTH STANDARD PARALLEL NORTH, THROUGH RANGE 31 EAST,

THE NORTH BOUNDARY AND THE SUBDIVISIONAL LINES

OF

TOWNSHIP 29 NORTH, RANGE 31 EAST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Kevin R. DeRossett and Leonard R. Sandoval, Cadastral Surveyors

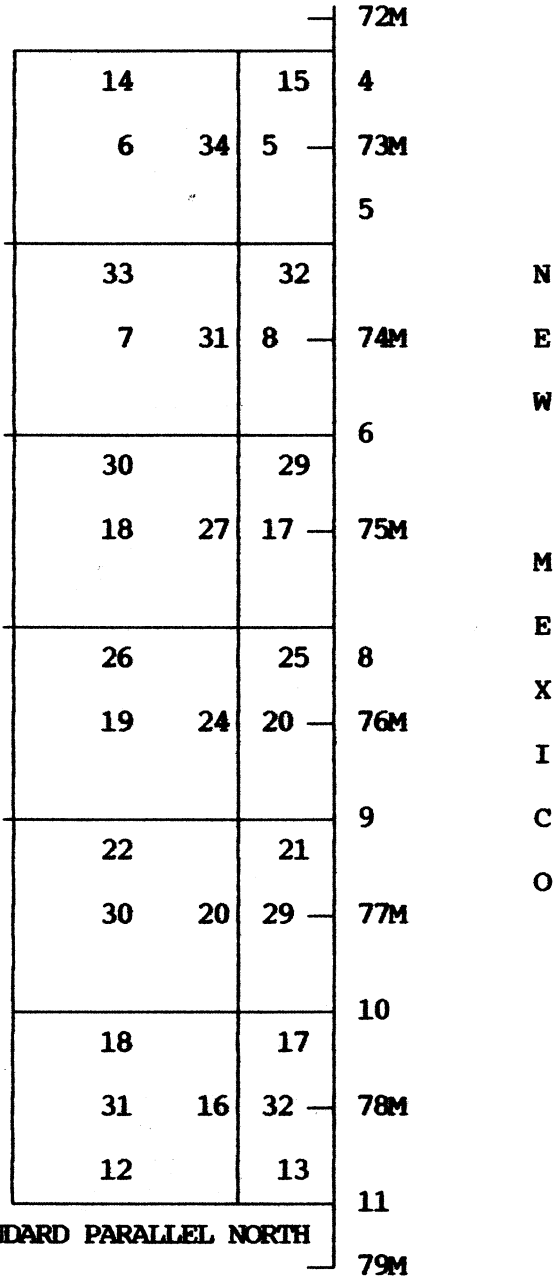
Under special instructions dated November 27, 1987, approved November 30, 1987,
which provided for the surveys included under Group Number 699 and assignment
instructions dated March 28, 1988 and April 3, 1989.

Survey commenced March 28, 1988

Survey completed July 22, 1991

INDEX DIAGRAM

72 MILE POST TO 79 MILE POST on the ARIZONA-NEW MEXICO STATE LINE
AND
TOWNSHIP 29 NORTH, RANGE 31 EAST,
GILA AND SALT RIVER MERIDIAN, ARIZONA



T. 29 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the Arizona-New Mexico State Line between the 72 Mile Post and the 79 Mile Post, the survey of the south boundary, identical with the Seventh Standard Parallel North, through Range 31 East, the north boundary and the subdivisional lines of Township 29 North, Range 31 East, Gila and Salt River Meridian, Arizona.

The boundaries and subdivisional lines of Townships 2 and 3 North, Range 6 West of the Navajo Special Meridian were surveyed by Ehud N. Darling in 1870. The Arizona-New Mexico State Line was surveyed by Chandler Robbins in 1875. The west boundary was surveyed concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated November 27, 1987, for Group No. 699, Arizona.

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 solar observations and refer to the true meridian. Distances and angles were measured using Topcon GTS3B, Zeiss Elta 46 and Zeiss Elta 3 total station instruments.

The geographic position of the closing corner of T. 29 N., R. 31 E., on the Seventh Standard Parallel North, at intersection with the Arizona-New Mexico State Line, as determined from a tie made to Electronic Control Point 1, hereinafter described, is as follows:

Latitude: 35°51'55.82" N., Longitude: 109°02'43.59" W. NAD27

The geographic position of Electronic Control Point 1, hereinafter described, was determined by the technique of relative positioning utilizing the Motorola Golden Eagle Geodetic Positioning System Satellite Surveyor. "COY" and "GANADO", first order triangulation stations established by the United States Coast and Geodetic Survey, were used as the control stations. Elevation and coordinates refer to the top of the monument.

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T. 29 N., R. 31 E., Gila and Salt River Mer., Arizona

CHAINS

Elevation	Latitude	Longitude
6980 ft.	35°51'57.45" N.	109°02'44.05" W. NAD27

The mean magnetic declination, as taken from the 1985 magnetic declination map published by U.S. Geological Survey, is 12 1/2° E.

Dependent Resurvey of a Portion of the Arizona-New Mexico State Line between the 72 Mile Post and the 79 Mile Post

Restoring the survey executed by
Chandler Robbins, in 1875

Beginning at the 72 Mile Post on the Arizona-New Mexico State Line, perpetuated by Limbaugh Aerial Surveys, monumented with a brass disk, 3 1/2 ins. diam., firmly set, in a concrete collar, 1 ft. diam., 7 ins. beneath the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC72 ARIZ. N.M. STATE LINE L.A.S., over which is set the original sandstone, 15 x 6 x 7 ins., mkd. with faint illegible chisel marks on the N. face, NM on the E. face, 2WL on the S. face, ARIZ on the W. face, and X on top. This is accepted as a careful and faithful perpetuation of the position of the original cor.

At the cor. point

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

72M
AZ | NM
1990

Remove and destroy the brass disk and collar, bury the original stone alongside the stainless steel post and raise a mound of stone, 2 1/2 ft. base, 1 ft. high, N. of cor.

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

S. 0°01' E., on the 73rd mile of the Arizona-New Mexico State Line.

Over nearly level land.

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Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	
39.90	A brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC72.5 ARIZ. N.M. STATE LINE L.A.S., bears West, 1/2 lk. dist.
42.96	The closing cor. of Tps. 29 and 30 N., R. 31 E., hereinafter described.
80.07	<p>Point for the 73 Mile Post at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>73M AZ NM 1988</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, a brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC73 ARIZ. N.M. STATE LINE L.A.S., bears N. 2°53' W., 13.9 lks. dist. This monument was established by Limbaugh Aerial Surveys, at an unknown date, using improper procedures, and is not utilized in the course of this resurvey.</p>
	<p>S. 0°01' E., on the 74th mile of the Arizona-New Mexico State Line.</p> <p>Over nearly level land.</p>
2.96	The 1/4 sec. cor. of sec. 5 only, T. 29 N., R. 31 E., hereinafter described.
10.92	Barbed wire fence, 5 strand, bears E. and W.
39.82	A brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC73.5 ARIZ. N.M. STATE LINE L.A.S., bears West, 1 1/2 lks. dist.
42.96	The closing cor. of secs. 5 and 8, T. 29 N., R. 31 E., hereinafter described.

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	
45.80	Barbed wire fence, 5 strand, bears E. and W.
46.30	Trail road, bears E. and W.
53.80	Point selected for a witness point on the Arizona-New Mexico State Line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> WP AZ NM 1988 </div> Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. Cor. is located on the N. bank of Red Lake, a reservoir, the bank bears E. and W. Thence across Red Lake.
80.07	Point for the 74 Mile Post at proportionate dist., located in Red Lake, impossible to remonument.
	S. 0°01' E., on the 75th mile of the Arizona-New Mexico State Line. Over Red Lake.
2.88	Point for the 1/4 sec. cor. of sec. 8 only, T. 29 N., R. 31 E., hereinafter described.
38.17	Point selected for a witness point on the Arizona-New Mexico State Line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> WP AZ NM 1991 </div> Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post. Cor. is located on the S. bank of Red Lake, a reservoir, the bank bears NNE and SSW.

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	Thence over nearly level land.
39.69	A brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC74.5 ARIZ. N.M. STATE LINE L.A.S., bears West, 3 lks. dist.
40.00	Trail road, bears ENE and WSW.
42.87	The closing cor. of secs. 8 and 17, T. 29 N., R. 31 E., hereinafter described.
43.04	Barbed wire fence, 4 strand, bears SE and NW.
58.20	Power line, bears E. and W.
59.10	Trail road, bears ENE and WSW.
62.65	Trail road, bears ESE and WNW.
80.07	Point for the 75 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center; margin: 10px 0;"> <p>75M AZ NM 1988</p> </div> <p>from which</p> <p style="margin-left: 40px;">A piñon, 23 ins. diam., bears N. 23 3/4° E., 173 lks. dist., mkd. NM 75M BT.</p> <p style="margin-left: 40px;">A piñon, 14 ins. diam., bears N. 65 3/4° W., 129 lks. dist., mkd. AZ 75M BT.</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, a brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., projecting 2 ins. above ground, mkd. NAVAJO CONTROL SYSTEM MC75 ARIZ. N.M. STATE LINE L.A.S., bears N. 3°40' W., 45.3 lks. dist. This monument was established by Limbaugh Aerial Surveys, at an unknown date, using improper procedures and is not utilized in the course of this resurvey.</p> <hr style="width: 80%; margin-left: 0;"/>

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	
	<p>S. 0°01' E., on the 76th mile of the Arizona-New Mexico State Line.</p> <p>Over nearly level land.</p>
2.795	The 1/4 sec. cor. of sec. 17 only, T. 29 N., R. 31 E., hereinafter described.
15.70	Trail road, bears NNE and SSW.
17.50	Power line, bears NNE and SSW.
19.14	Barbed wire fence, 5 strand, bears NNE and SSW.
39.49	A brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC75.5 ARIZ. N.M. STATE LINE L.A.S., bears West, 2 1/2 lks. dist.
40.52	Barbed wire fence, 6 strand, bears ENE and WSW.
41.20	Graded road, 30 lks. wide, bears ENE and WSW.
42.79	The closing cor. of secs. 17 and 20, T. 29 N., R. 31 E., hereinafter described.
53.70	<p>Line of wood fence posts, no wire, bears NNE and SSW.</p> <p>Thence across an abandoned dirt airport runway.</p>
62.12	Line of wood fence posts, no wire, bears NNE and SSW, on E. side of runway.
80.07	<p>Point for the 76 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>76M</p> <p>AZ NM</p> <p>1988</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	
	<p>From this cor. point, a brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC76 ARIZ. N.M. STATE LINE L.A.S., bears N. 2°07' W., 59 1/2 lks. dist. This monument was established by Limbaugh Aerial Surveys, at an unknown date, using improper procedures and is not utilized in the course of this resurvey.</p>
	<p>S. 0°01' E., on the 77th mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling land.</p>
2.72	<p>The 1/4 sec. cor. of sec. 20 only, T. 29 N., R. 31 E., hereinafter described.</p>
39.38	<p>A brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC76.5 ARIZ. N.M. STATE LINE L.A.S., bears West, 1 lk. dist.</p>
42.72	<p>The closing cor. of secs. 20 and 29, T. 29 N., R. 31 E., hereinafter described.</p>
49.90	<p>The right bank of the main channel of Black Creek, 8 ft. high, bears NE and SW.</p>
52.20	<p>The left bank of the main channel of Black Creek, 15 ft. high, bears ENE and WSW.</p>
64.40	<p>Trail road, bears ESE and WNW.</p>
66.61	<p>Wire mesh and barbed wire fence, bears ESE and WSW.</p>
76.40	<p>Irrigation canal, 10 lks. wide, 4 ft. deep, drains SW.</p>
77.55	<p>Wire mesh and barbed wire fence, bears NE and SW.</p>
80.07	<p>The 77 Mile Post, perpetuated by Limbaugh Aerial Surveys, monumented with a brass disk, 3 1/2 ins. diam., firmly set, in a concrete collar, 1 ft. diam., 18 ins. beneath the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC77 ARIZ. N.M. STATE LINE L.A.S., over which is set the original sandstone, fractured, 19 x 11 x 5 ins., mkd. with faint illegible chisel marks on the N. face, NM on the E. face, 3 W on the S. face. This is accepted as a careful and faithful perpetuation of the position of the original cor.</p>

Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	
	<p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>77M</p> <p>AZ NM</p> <p>1990</p> </div> <p>Remove and destroy the brass disk and collar, bury the original stone alongside the stainless steel post and raise a mound of stone, 2 1/2 ft. base, 1 ft. high, N. of cor.</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <hr style="border: 0.5px solid black; margin: 10px 0;"/> <p>S. 0°02' E., on the 78th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land.</p>
2.65	The 1/4 sec. cor. of sec. 29 only, T. 29 N., R. 31 E., hereinafter described
8.50	Trail road, bears NE and SW.
40.13	A brass disk, 3 1/2 ins. diam., firmly set in a concrete collar, 8 ins. diam., flush with the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC77.5 ARIZ. N.M. STATE LINE L.A.S., bears West, 3 lks. dist.
42.65	The closing cor. of secs. 29 and 32, T. 29 N., R. 31 E., hereinafter described.
43.75	Trail road, bears SE and NW.
48.00	Trail road, bears SSE and NNW.
80.22	<p>The 78 Mile Post, perpetuated by Limbaugh Aerial Surveys, monumented with a brass disk, 3 1/2 ins. diam., firmly set, in a concrete collar, 1 ft. diam., 15 ins. beneath the surface of the ground, mkd. NAVAJO CONTROL SYSTEM MC78 ARIZ. N.M. STATE LINE L.A.S., over which is set the original sandstone, fractured, 16 x 13 x 4 ins., mkd. with faint illegible chisel marks on the N. face and NM on the E. face. This is accepted as a careful and faithful perpetuation of the position of the original cor.</p> <p>At the cor. point</p>

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Dependent Resurvey of a Portion of the Arizona-New Mexico
State Line between the 72 Mile Post and the 79 Mile Post

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">78M AZ NM 1990</p> <p>Remove and destroy the brass disk and collar, and bury the original stone alongside the stainless steel post.</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <hr/> <p>S. 0°31' W., on the 79th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land.</p>
2.43	The 1/4 sec. cor. of sec. 32 only, T. 29 N., R. 31 E., hereinafter described.
38.00	Trail road, bears ESE and WNW.
42.43	The closing cor. of the S. bdy. of T. 29 N., R. 31 E., identical with the Seventh Standard Parallel North, at intersection with the Arizona-New Mexico State Line, hereinafter described.
66.60	Trail road, bears NE and SW.
69.60	Trail road, bears ESE and WNW.
73.00	Graded road, 30 lks. wide, bears ESE and WNW.
80.52	Point for the 79 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., flush with the surface of the ground, with brass cap mkd.</p> <p style="text-align: center;">79M AZ NM 1988</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>

Survey of the South Boundary, T. 29 N., R. 31 E.,
 Identical with the Seventh Stan. Par. N., through R. 31 E.,
 Gila and Salt River Mer., Arizona

CHAINS	<p>Cor. is located 91 lks. S. of a barbed wire fence, 5 strand, bears E. and W., and 190 lks. S. of a trail road, bears E. and W.</p> <p>From this cor. point, the 84 Mile Post, bears S. 0°31' W., 402.60 chs. dist., monumented with an stainless steel post, 2 1/2 ins. diam., projecting 8 ins. from the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd., 84M AZ NM 1988.</p> <hr/> <p>From the stan. cor. of T. 29 N., Rs. 30 and 31 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>SC T29N R30E R31E S36 S31</p> <hr style="width: 50%; margin: 0 auto;"/> <p>1988</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 12 ins. diam., bears N. 57 1/4° E., 65 lks. dist., mkd. T29N R31E S31 SC BT.</p> <p style="padding-left: 40px;">A piñon, 15 ins. diam., bears N. 33 1/2° W., 93 1/2 lks. dist., mkd. T29N R30E S36 SC BT.</p> <p>East, on the S. bdy. of sec. 31.</p> <p>Over rugged land.</p> <p>40.00 Point for the stan. 1/4 sec. cor. of sec. 31.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>SC T29N R31E 1/4 S31</p> <hr style="width: 50%; margin: 0 auto;"/> <p>1988</p> </div> <p>from which</p> <p style="padding-left: 40px;">A piñon, 17 ins. diam., bears N 36 1/2° E, 77 1/2 lks. dist., mkd. 1/4 S31 SC BT.</p>
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Survey of the South Boundary, T. 29 N., R. 31 E.,
 Identical with the Seventh Stan. Par. N., through R. 31 E.,
 Gila and Salt River Mer., Arizona

CHAINS	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>54.00 Enter rolling land.</p> <p>58.40 Graded road, bears N. and S.</p> <p>68.80 Black Creek, 30 lks. wide, 5 ft. deep, drains S.</p> <p>80.00 Point for the stan. cor. of secs. 31 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> SC T29N R31E S31 S32 ----- 1988 </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Land, rugged to rolling. Soil, sandy clay. Timber, piñon, juniper and scattered cottonwood. Undergrowth, sagebrush, cliffrose, native grasses, and scattered cacti.</p> <hr style="border: 0.5px solid black;"/> <p>East, on the S. bdy. of sec. 32.</p> <p>Over nearly level land.</p> <p>13.34 Point for the closing cor. of the S. bdy. of T. 29 N., R. 31 E., identical with the Seventh Standard Parallel North, at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> T29N R31E S32 CC ----- 1988 </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>
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Survey of the South Boundary, T. 29 N., R. 31 E.,
 Identical with the Seventh Stan. Par. N., through R. 31 E.,
 Gila and Salt River Mer., Arizona

CHAINS

From this cor. point, the 79 Mile Post on the Arizona-New Mexico State Line, bears S. 0°31' W., 38.09 chs. dist., hereinbefore described.

From this same cor. point, Electronic Control Point 1 of Group 699, monumented with an aluminum post, 36 ins. long, 3/4 in. diam., firmly set, 30 ins. in the ground, in a concrete collar, 1 ft. base, flush with the surface of the ground, with magnetized aluminum cap mkd. EC-1 GRP 699 1988, bears N. 13°03' W., 2.57 chs. dist.

Land, nearly level.

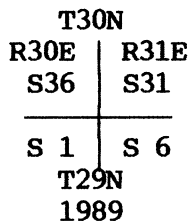
Soil, sand.

Timber, scattered cottonwood.

Undergrowth, sagebrush, native grasses and scattered cacti.

Survey of the North Boundary, T. 29 N., R. 31 E.,
 Gila and Salt River Mer., Arizona

From the cor. of Tps. 29 and 30 N., Rs. 30 and 31 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.



from which

A piñon, 12 ins. diam., bears N. 74 1/4° E., 115 1/2 lks. dist., mkd. T30N R31E S31 BT.

A piñon, 7 ins. diam., bears S. 44 1/2° E., 29 lks. dist., mkd. T29N R31E S6 BT.

A piñon, 10 ins. diam., bears S. 73 3/4° W., 97 lks. dist., mkd. T29N R30E S1 BT.

A piñon, 10 ins. diam., bears N. 43 1/2° W., 56 1/2 lks. dist., mkd. T30N R30E S36 BT.

East, bet. secs. 6 and 31.

Over rolling land.

Survey of the North Boundary, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS									
40.00	<p>Point for the 1/4 sec. cor. of secs. 6 and 31.</p> <p>Set a magnet in a 1 x 1 x 2 5/8 ins. white plastic case 30 ins. below the surface of the ground, on the N. bank of a wash, 38 lks. wide, 20 ft. deep, drains ENE., where it is impracticable to established a permanent monument.</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 45° E., 50 ft. dist., with brass cap mkd. T30N R31E 1/4 S31 RM 50 FT TO COR 1990, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 23 ins. in the ground, for a reference monument, bears S. 45° W., 50 ft. dist., with cap mkd. T29N R31E 1/4 S6 RM 50 FT TO COR 1990, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>								
80.00	<p>Point for the cor. of secs. 5, 6, 31, and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 5px;">T30N</td> <td style="padding: 0 5px;">R31E</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S31</td> <td style="padding: 0 5px;">S32</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 6</td> <td style="padding: 0 5px;">S 5</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T29N</td> <td style="padding: 0 5px;">1990</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Land, rolling. Soil, gravel and clay. Timber, piñon and juniper; undergrowth, brush and native grasses.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>East, bet. secs. 5 and 32.</p> <p>Over rolling land.</p>	T30N	R31E	S31	S32	S 6	S 5	T29N	1990
T30N	R31E								
S31	S32								
S 6	S 5								
T29N	1990								

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Survey of the North Boundary, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

<p>CHAINS 13.61</p>	<p>Point for the closing cor. of Tps. 29 and 30 N., R. 31 E., at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td>T30N</td><td> </td></tr> <tr><td>R31E</td><td> </td></tr> <tr><td>S32</td><td> </td></tr> <tr><td>CC</td><td>— </td></tr> <tr><td>S 5</td><td> </td></tr> <tr><td>T29N</td><td> </td></tr> <tr><td>1990</td><td></td></tr> </table> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the 73 Mile Post on the Arizona-New Mexico State Line, bears S. 0°01' E., 37.11 chs. dist., hereinbefore described.</p> <p>Land, rolling. Soil, clay. Timber, scattered juniper; undergrowth, brush and native grasses.</p> <hr/> <p style="text-align: center;">Survey of the Subdivisional Lines, T. 29 N., R. 31 E., Gila and Salt River Mer., Arizona</p> <hr/> <p>From the stan. cor. of secs. 31 and 32, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°01' E., bet. secs. 31 and 32.</p> <p>Over nearly level land.</p> <p>36.70 Black Creek, 76 lks. wide, 12 ft. deep, drains WSW.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>	T30N		R31E		S32		CC	—	S 5		T29N		1990	
T30N															
R31E															
S32															
CC	—														
S 5															
T29N															
1990															

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p style="text-align: center;">T29N R31E 1/4 S31 S32 1990</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 15 lks. S. of a barbed wire fence, 5 strand, bears E. and W.</p>
75.80	Black Creek, 30 lks. wide, 4 ft. deep, drains SSE.
78.91	Barbed wire fence, 4 strand, bears SSE and NNW.
80.00	Point for the cor. of secs. 29, 30, 31, and 32.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. below the surface of the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R31E S30 S29 ----- S31 S32 1990</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 85 lks. E. of a barbed wire fence, bears SSE and NNW.</p> <p>Land, nearly level. Soil, sand and sandy clay. Timber, scattered juniper and cottonwood; undergrowth, brush and native grasses.</p> <hr/> <p>East, bet. secs. 29 and 32.</p> <p>Over nearly level land.</p>
8.57	Barbed wire fence, 5 strand, bears N. and S.
8.75	Trail road, bears N. and S.

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS
13.69

Point for the closing cor. of secs. 29 and 32, at intersection with the Arizona-New Mexico State Line.

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

T29N	
S29	
CC	
S32	
R31E	
1990	

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

From this cor. point, the 78 Mile Post on the Arizona-New Mexico State Line, bears S. 0°02' E., 37.57 chs. dist., hereinbefore described.

Land, nearly level.

Soil, sand and sandy clay.

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

Point for the 1/4 sec. cor. of sec. 32 only, at midpoint on the E. bdy. of sec. 32, on the Arizona-New Mexico State Line.

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

T29N	
R31E	
S32 1/4	
1990	

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

From this cor. point, the 78 Mile Post on the Arizona-New Mexico State Line, bears N. 0°31' E., 2.43 chs. dist., hereinbefore described.

From the cor. of secs. 29, 30, 31, and 32.

N. 89°59' W., bet. secs. 30 and 31.

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	Over nearly level land.
2.45	Black Creek, 30 lks. wide, 15 ft. deep, drains ESE.
20.00	Barbed wire fence, 5 strand, bears N. and S.
20.70	Wash, 5 lks. wide, 5 ft. deep, drains S.
26.93	Wire mesh and barbed wire fence, bears N. and S.
27.50	Graded road, 38 lks. wide, bears N. and S.
28.00	Wire mesh and barbed wire fence, bears N. and S.
39.05	From this point, the SE cor. of a house, 32 x 15 ft., bears North, 6.33 chs. dist., long side bears NNW.
39.50	Power line, bears SSE and NNW.
39.93	Wire mesh and barbed wire fence, bears NNE and SSW.
40.01	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., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T29N R31E S30 1/4 — S31 1990 </div> from which <div style="text-align: center;"> The SW cor. of a house, 26 x 12 ft., bears N. 1 1/2° E., 278 1/2 lks. dist., long side bears NNE. </div> Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
40.53	Irrigation canal, 15 lks. wide, 5 ft. deep, bears NNE and SSW. Enter rolling land.
80.02	The cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., monumented with a magnet in a 1 x 1 x 2 5/8 ins. white plastic case, 24 ins. below the surface of the ground.

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	<p>from which</p> <p style="margin-left: 40px;">A stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins above ground, for a reference monument, bears S. 55°18' E., 62.2 ft. dist., with brass cap mkd. T29N R31E S31 RM 62.2 FT TO COR 1989, and an arrow pointing to the cor.</p> <p style="margin-left: 40px;">A stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, for a reference monument, bears S. 61°22' W., 48.0 ft. dist., with brass cap mkd. T29N R30E S36 RM 48.0 FT TO COR 1989, and an arrow pointing to the cor.</p> <p>Land, nearly level to rolling. Soil, sandy clay and gravel. Timber, piñon, juniper, cottonwood; undergrowth, brush and native grasses.</p> <hr/> <p>From the cor. of secs. 29, 30, 31, and 32. N. 0°01' E., bet. secs. 29 and 30. Over nearly level land.</p> <p>8.93 Barbed wire fence, 5 strand, bears E. and W.</p> <p>19.62 Wire mesh and barbed wire fence, bears E. and W.</p> <p>20.29 Wire mesh and barbed wire fence, bears E. and W.</p> <p>34.18 Wire mesh and barbed wire fence, bears ENE and WSW.</p> <p>39.78 Wire mesh and barbed wire fence, bears ENE and WSW.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 29 and 30.</p> <p style="margin-left: 40px;">Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center; margin-left: 100px;">T29N R31E 1/4 S30 S29 1990</p>
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BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>												
49.00	Black Creek, 152 lks. wide, 15 ft. deep, drains WSW.												
72.50	Wire mesh and barbed wire fence, bears ESE and WNW.												
80.00	<p>Point for the cor. of secs. 19, 20, 29, and 30.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. below the surface of the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T29N</td> <td>R31E</td> </tr> <tr> <td>S19</td> <td>S20</td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> </tr> <tr> <td>S30</td> <td>S29</td> </tr> <tr> <td colspan="2" style="text-align: center;">1990</td> </tr> </table> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located in a cultivated field.</p> <p>Land, nearly level. Soil, sandy clay. Timber, scattered juniper and cottonwood; undergrowth, brush and native grasses.</p> <hr/> <p>East, bet. secs. 20 and 29.</p> <p>Over nearly level land.</p>	T29N	R31E	S19	S20			S30	S29	1990			
T29N	R31E												
S19	S20												
S30	S29												
1990													
2.06	Barbed wire fence, 6 strand, bears N. and S.												
13.66	<p>Point for the closing cor. of secs. 20 and 29, at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td>T29N</td> <td> </td> </tr> <tr> <td>S20</td> <td> </td> </tr> <tr> <td>CC</td> <td>—</td> </tr> <tr> <td>S29</td> <td> </td> </tr> <tr> <td>R31E</td> <td> </td> </tr> <tr> <td colspan="2" style="text-align: center;">1990</td> </tr> </table>	T29N		S20		CC	—	S29		R31E		1990	
T29N													
S20													
CC	—												
S29													
R31E													
1990													

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS

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

From this cor. point, the 77 Mile Post on the Arizona-New Mexico State Line, bears S. 0°01' E., 37.35 chs. dist., hereinbefore described.

Land, nearly level.

Soil, sand and sandy clay.

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

Point for the 1/4 sec. cor. of sec. 29 only, at midpoint on the E. bdy. of sec. 29, on the Arizona-New Mexico State Line.

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

T29N |
R31E |
S29 1/4 |
1990

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

From this cor. point, the 77 Mile Post on the Arizona-New Mexico State Line, bears N. 0°02' W., 2.65 chs. dist., hereinbefore described.

From the cor. of secs. 19, 20, 29, and 30.

N. 89°58' W., bet. secs. 19 and 30.

Over nearly level land.

- 14.34 Wire mesh and barbed wire fence, bears NNE and SSW.
- 14.60 Trail road, bears NNE and SSW.
- 14.81 Barbed wire fence, 4 strand, bears NNE and SSW.
- 25.39 Barbed wire fence, 3 strand, bears ESE and WNW.
- 33.50 Graded road, 30 lks. wide, bears NNE and SSW.
- 35.10 Irrigation canal, 8 lks. wide, 4 ft. deep, drains SSW.

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	
35.85	From this point, the SE. cor. of a house, 46 x 16 ft., bears North, 1.42 chs. dist., long side bears W.
36.20	Intersect the E. side of a wood frame house, 30 x 20 ft., the SE cor. bears S. 20° W., 1/2 lk. dist., the long side bears N. 20° E. and S. 20° W.
38.70	Power line, bears NNE and SSW.
40.01	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., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T29N R31E S19 1/4 — S30 1990 </div> from which <div style="text-align: center;"> A wooden power pole, bears N. 49 1/2° E., 226 lks. dist., mkd. 336. The SW cor. of a wood frame house, 30 x 20 ft., bears N. 81 1/2° E., 212 lks. dist., long side bears N. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post. Thence ascend over rolling land. </div>
80.02	The cor. of secs. 19, 24, 25, and 30, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. <div style="text-align: center;"> T29N R30E R31E S24 S19 ——— ——— S25 S30 1989 </div> Land, nearly level to rolling. Soil, sandy clay and gravel. Timber, piñon, juniper and cottonwood; undergrowth, brush and native grasses.

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
	From the cor. of secs. 19, 20, 29, and 30.
	N. 0°01' E., bet. secs. 19 and 20.
	Over nearly level land.
5.92	Wire mesh and barbed wire fence, bears ESE and WNW.
14.55	Wire mesh and barbed wire fence, bears ESE and WNW.
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.
	T29N R31E 1/4 S19 S20 1990
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
60.00	Graded road, 30 lks. wide, bears NNE in curve to the left.
64.92	Wire mesh and barbed wire fence, bears ENE and WSW.
65.70	Power line, bears ESE and WNW.
68.53	From this point, the SE cor. of Red Lake Chapter House, 70 x 60 ft., bears West, 1.94 chs. dist., long side bears NNE.
71.09	From this point, the NE cor. of a preschool building, 50 x 30 ft., bears West, 1.93 chs. dist., long side bears S.
74.10	Wire mesh and barbed wire fence, bears E. and W.
74.80	Graded road, 46 lks. wide, bears E. and W.
76.97	Barbed wire fence, 5 strand, bears E. and 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., 24 ins. in the ground, with brass cap mkd.

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS													
	<table border="1"> <tr> <td>T29N</td> <td>R31E</td> </tr> <tr> <td>S18</td> <td>S17</td> </tr> <tr> <td>S19</td> <td>S20</td> </tr> <tr> <td colspan="2" style="text-align: center;">1990</td> </tr> </table>	T29N	R31E	S18	S17	S19	S20	1990					
T29N	R31E												
S18	S17												
S19	S20												
1990													
	<p>from which</p> <p style="padding-left: 40px;">A wooden power pole, bears N. 58 1/4° W., 312 lks. dist., mkd. 355-25</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Land, nearly level. Soil, sandy clay. No timber; brush and native grasses.</p> <hr/> <p>East, bet. secs. 17 and 20.</p> <p>Over nearly level land.</p> <p>6.30 Trail road, bears SE and NW.</p> <p>10.17 Barbed wire fence, 5 strand, bears NE and SW.</p> <p>11.20 Graded road, 46 lks. wide, bears NE and SW.</p> <p>13.64 Point for the closing cor. of secs. 17 and 20, at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>												
	<table border="1"> <tr> <td>T29N</td> <td></td> </tr> <tr> <td>S17</td> <td></td> </tr> <tr> <td>CC</td> <td></td> </tr> <tr> <td>S20</td> <td></td> </tr> <tr> <td>R31E</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">1990</td> </tr> </table>	T29N		S17		CC		S20		R31E		1990	
T29N													
S17													
CC													
S20													
R31E													
1990													
	<p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p>												

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS

From this cor. point, the 76 Mile Post on the Arizona-New Mexico State Line, bears S. $0^{\circ}01'$ E., 37.28 chs. dist., hereinbefore described.

Land, nearly level.

Soil, sand and sandy clay.

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

Point for the $1/4$ sec. cor. of sec. 20 only, at midpoint on the E. bdy. of sec. 20, on the Arizona-New Mexico State Line.

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

T29N	
R31E	
S20 $1/4$	
1990	

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

From this cor. point, the 76 Mile Post on the Arizona-New Mexico State Line, bears N. $0^{\circ}01'$ W., 2.72 chs. dist., hereinbefore described.

From the cor. of secs. 17, 18, 19, and 20.

N. $89^{\circ}58'$ W., bet. secs. 18 and 19.

Over nearly level land.

12.37 Barbed wire fence line, 5 strand, bears SE and NW.

14.10 Graded road, 46 lks. wide, bears SE and NW.

31.10 Power line, bears N. and S.

37.20 Graded road, 46 lks. wide, bears ESE and WNW.

40.02 Point for the $1/4$ sec. cor. of secs. 18 and 19.

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

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS													
	<p style="text-align: center;">T29N R31E S18 1/4 — S19 1990</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Thence ascend over rolling land.</p>												
80.04	<p>The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td colspan="2" style="text-align: center;">T29N</td></tr> <tr><td style="text-align: center;">R30E</td><td style="text-align: center;">R31E</td></tr> <tr><td style="text-align: center;">S13</td><td style="text-align: center;">S18</td></tr> <tr><td colspan="2" style="text-align: center;">—</td></tr> <tr><td style="text-align: center;">S24</td><td style="text-align: center;">S19</td></tr> <tr><td colspan="2" style="text-align: center;">1989</td></tr> </table> <p>from which</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears N. 55° E., 129 lks. dist., mkd. T29N R31E S18 BT.</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears S. 61 3/4° E., 33 1/2 lks. dist., mkd. T29N R31E S19 BT.</p> <p style="padding-left: 40px;">A piñon, 12 ins. diam., bears N. 74 3/4° W., 23 lks. dist., mkd. T29N R30E S13 BT.</p> <p>Land, nearly level to rolling. Soil, clay and gravel. Timber, piñon and juniper; undergrowth, brush and native grasses.</p>	T29N		R30E	R31E	S13	S18	—		S24	S19	1989	
T29N													
R30E	R31E												
S13	S18												
—													
S24	S19												
1989													
5.50	<p>From the cor. of secs. 17, 18, 19, and 20.</p> <p>N. 0°01' E., bet. secs. 17 and 18.</p> <p>Over rolling land.</p> <p>Power line, bears NE and SW.</p>												

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS											
6.57	Intersect the S. side of a wood frame house, 50 x 24 ft., the SE cor. bears S. 60° E., 12 lks. dist., long side bears N. 30° E. and S. 30° W.										
40.00	<p>Point for the 1/4 sec. cor. of secs. 17 and 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td>T29N</td><td>R31E</td></tr> <tr><td>1/4</td><td></td></tr> <tr><td>S18</td><td> S17</td></tr> <tr><td>1990</td><td></td></tr> </table> </div> <p>from which</p> <p>A piñon, 6 ins. diam., bears N. 58° E., 96 1/2 lks. dist., mkd. 1/4 S18 BT.</p> <p>A piñon, 15 ins. diam., bears N. 79° W., 95 1/2 lks. dist., mkd. 1/4 S17 BT.</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>	T29N	R31E	1/4		S18	S17	1990			
T29N	R31E										
1/4											
S18	S17										
1990											
80.00	<p>Point for the cor. of secs. 7, 8, 17, and 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr><td>T29N</td><td>R31E</td></tr> <tr><td>S 7</td><td> S 8</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S18</td><td> S17</td></tr> <tr><td>1990</td><td></td></tr> </table> </div> <p>from which</p> <p>A piñon, 5 ins. diam., bears S. 77 1/4° E., 81 lks. dist., mkd. X BT.</p> <p>A piñon, 14 ins. diam., bears S. 74° W., 189 lks. dist., mkd. T29N R31E S18 BT.</p> <p>A forked piñon, 12 ins. diam. at base, bears N. 16 1/4° W., 108 lks. dist., mkd. T29N R31E S7 BT.</p>	T29N	R31E	S 7	S 8	<hr/>		S18	S17	1990	
T29N	R31E										
S 7	S 8										
<hr/>											
S18	S17										
1990											

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Land, rolling. Soil, clay and gravel. Timber, piñon and juniper; undergrowth, brush and native grasses.</p> <hr/> <p>East, bet. secs. 8 and 17.</p> <p>Over nearly level land.</p> <p>13.05 Barbed wire fence, 5 strand, bears ESE and WNW.</p> <p>13.60 Point for the closing cor. of secs. 8 and 17, at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="padding: 0 5px;">T29N</td><td style="border-left: 1px solid black; padding: 0 5px;"> </td></tr> <tr><td style="padding: 0 5px;">S 8</td><td style="border-left: 1px solid black; padding: 0 5px;"> </td></tr> <tr><td style="padding: 0 5px;">CC</td><td style="border-left: 1px solid black; padding: 0 5px;"> </td></tr> <tr><td style="padding: 0 5px;">S17</td><td style="border-left: 1px solid black; padding: 0 5px;"> </td></tr> <tr><td style="padding: 0 5px;">R31E</td><td style="border-left: 1px solid black; padding: 0 5px;"> </td></tr> <tr><td style="padding: 0 5px;">1990</td><td style="border-left: 1px solid black; padding: 0 5px;"> </td></tr> </table> </div> <p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the 75 Mile Post on the Arizona-New Mexico State Line, bears S. 0°01' E., 37.20 chs. dist., hereinbefore described.</p> <p>Land, nearly level. Soil, sand and sandy clay. Timber, scattered juniper; undergrowth, brush and native grasses.</p> <hr/> <p>Point for the 1/4 sec. cor. of sec. 17 only, at midpoint on the E. bdy. of sec. 17, on the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>	T29N		S 8		CC		S17		R31E		1990	
T29N													
S 8													
CC													
S17													
R31E													
1990													

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p style="text-align: center;">T29N R31E S17 1/4 1990</p> <p>Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the 75 Mile Post on the Arizona-New Mexico State Line, bears N. 0°01' W., 2.795 chs. dist., hereinbefore described.</p> <hr/> <p>From the cor. of secs. 7, 8, 17, and 18.</p> <p>N. 89°58' W., bet. secs. 7 and 18.</p> <p>Over rolling land.</p>
40.035	<p>Point for the 1/4 sec. cor. of secs. 7 and 18.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T29N R31E S 7 1/4 — S18 1990</p> <p>from which</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears S. 31 1/2° E., 63 lks. dist., mkd. 1/4 S18 BT.</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears N. 46 1/4° W., 94 lks. dist., mkd. 1/4 S7 BT.</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
80.07	<p>The cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p>

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">T29N</th> </tr> <tr> <th style="text-align: center;">R30E</th> <th style="text-align: center;">R31E</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">S12</td> <td style="text-align: center;">S 7</td> </tr> <tr> <td style="text-align: center;">S13</td> <td style="text-align: center;">S18</td> </tr> <tr> <td colspan="2" style="text-align: center;">1989</td> </tr> </tbody> </table>	T29N		R30E	R31E	S12	S 7	S13	S18	1989	
	T29N										
R30E	R31E										
S12	S 7										
S13	S18										
1989											
40.00	<p>from which</p> <p>A douglas fir, 14 ins. diam., bears N. 24 3/4° E., 45 lks. dist., mkd. T29N R31E S7 BT.</p> <p>A piñon, 10 ins. diam., bears S. 11 3/4° E., 145 lks. dist., mkd. T29N R31E S18 BT.</p> <p>A piñon, 11 ins. diam., bears S. 68 3/4° W., 33 lks. dist., mkd. T29N R30E S13 BT.</p> <p>Land, rolling. Soil, clay. Timber, piñon and juniper; undergrowth, brush and native grasses.</p> <hr/> <p>From the cor. of secs. 7, 8, 17, and 18.</p> <p>N. 0°01' E., bet. secs. 7 and 8.</p> <p>Over nearly level land.</p> <p>Point for the 1/4 sec. cor. of secs. 7 and 8.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">T29N R31E</th> </tr> <tr> <th colspan="2" style="text-align: center;">1/4</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">S 7</td> <td style="text-align: center;">S 8</td> </tr> <tr> <td colspan="2" style="text-align: center;">1990</td> </tr> </tbody> </table> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 106 lks. W. of W. bank of Red Lake, a reservoir.</p>	T29N R31E		1/4		S 7	S 8	1990			
T29N R31E											
1/4											
S 7	S 8										
1990											

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS													
47.35	From this point, the center of a log hogan, bears West, 29.90 chs. dist.												
56.53	Barbed wire fence, 5 strand, bears NNE and SSW.												
80.00	Point for the cor. of secs. 5, 6, 7, and 8.												
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">T29N</td> <td style="padding: 2px;">R31E</td> </tr> <tr> <td style="padding: 2px;">S 6</td> <td style="padding: 2px;">S 5</td> </tr> <tr> <td style="padding: 2px;">S 7</td> <td style="padding: 2px;">S 8</td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">1990</td> </tr> </table>	T29N	R31E	S 6	S 5	S 7	S 8	1990					
T29N	R31E												
S 6	S 5												
S 7	S 8												
1990													
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.												
	Land, nearly level.												
	Soil, sandy clay.												
	No timber; brush and native grasses.												
	<hr/>												
	East, bet. secs. 5 and 8.												
	Over nearly level land.												
13.53	Point for the closing cor. of secs. 5 and 8, at intersection with the Arizona-New Mexico State Line.												
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.												
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">T29N</td> <td style="padding: 2px;"> </td> </tr> <tr> <td style="padding: 2px;">S 5</td> <td style="padding: 2px;"> </td> </tr> <tr> <td style="padding: 2px;">CC</td> <td style="padding: 2px;"> </td> </tr> <tr> <td style="padding: 2px;">S 8</td> <td style="padding: 2px;"> </td> </tr> <tr> <td style="padding: 2px;">R31E</td> <td style="padding: 2px;"> </td> </tr> <tr> <td colspan="2" style="padding: 2px; text-align: center;">1990</td> </tr> </table>	T29N		S 5		CC		S 8		R31E		1990	
T29N													
S 5													
CC													
S 8													
R31E													
1990													
	Deposit a magnet enclosed in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.												
	From this cor. point, a witness point on the Arizona-New Mexico State Line, bears S. 0°01' E., 10.84 chs. dist., hereinbefore described.												

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	
	<p>Land, nearly level. Soil, sand and sandy clay. Timber, scattered juniper; undergrowth, brush and native grasses.</p> <hr/> <p>Point for the 1/4 sec. cor. of sec. 8 only, at midpoint on the E. bdy. of sec. 8, on the Arizona-New Mexico State Line, located in Red Lake, a reservoir, impossible to monument.</p> <p>From this cor. point, the point for 74 Mile Post on the Arizona-New Mexico State Line, bears N. 0°01' W., 2.88 chs. dist.</p> <hr/> <p>From the cor. of secs. 5, 6, 7, and 8.</p> <p>N. 89°58' W., bet. secs. 6 and 7.</p> <p>Over rolling land.</p>
40.055	<p>Point for the 1/4 sec. cor. of secs. 6 and 7, located on the NE bank of a wash, 53 lks. wide, 30 ft. deep, drains SE, where it is impracticable to establish a permanent monument.</p> <p>Set a magnet in a 1 x 1 x 2 5/8 ins. white plastic case, 36 ins. below the surface of the ground.</p> <p>from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears N. 45° E., 70 ft. dist., with cap mkd. T29N R31E 1/4 S6 RM 70 FT TO COR 1990, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears S. 45° W., 50 ft. dist., with cap mkd. T29N R31E 1/4 S7 RM 50 FT TO COR 1990, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
80.11	<p>The cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p>

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS	<table border="1" data-bbox="844 273 1031 472"> <thead> <tr> <th colspan="2" data-bbox="893 273 966 304">T29N</th> </tr> <tr> <th data-bbox="844 304 933 336">R30E</th> <th data-bbox="950 304 1031 336">R31E</th> </tr> </thead> <tbody> <tr> <td data-bbox="860 336 917 367">S 1</td> <td data-bbox="950 336 1015 367">S 6</td> </tr> <tr> <td data-bbox="860 399 917 430">S12</td> <td data-bbox="950 399 1015 430">S 7</td> </tr> <tr> <td colspan="2" data-bbox="893 430 966 462">1989</td> </tr> </tbody> </table> <p data-bbox="397 493 568 525">from which</p> <p data-bbox="479 556 1364 619">A piñon, 8 ins. diam., bears S. 82 3/4° E., 69 1/2 lks. dist., mkd. T29N R31E S7 BT.</p> <p data-bbox="479 651 1412 714">A piñon, 8 ins. diam., bears N. 10° W., 20 1/2 lks. dist., mkd. T29N R30E S1 BT.</p> <p data-bbox="397 745 1445 850">Land, rolling. Soil, clay. Timber, piñon and juniper; undergrowth, brush and native grasses.</p> <hr/> <p data-bbox="397 903 1015 934">From the cor. of secs. 5, 6, 7, and 8.</p> <p data-bbox="397 966 917 997">N. 0°05' W., bet. secs. 5 and 6.</p> <p data-bbox="397 1029 690 1060">Over rolling land.</p> <p data-bbox="251 1092 1128 1123">40.00 Point for the 1/4 sec. cor. of secs. 5 and 6.</p> <p data-bbox="397 1155 1347 1228">Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <table border="1" data-bbox="852 1249 1015 1386"> <thead> <tr> <th colspan="2" data-bbox="860 1249 1015 1281">T29N R31E</th> </tr> </thead> <tbody> <tr> <td colspan="2" data-bbox="909 1281 966 1312">1/4</td> </tr> <tr> <td data-bbox="860 1312 933 1344">S 6</td> <td data-bbox="950 1312 1015 1344">S 5</td> </tr> <tr> <td colspan="2" data-bbox="893 1344 966 1375">1990</td> </tr> </tbody> </table> <p data-bbox="397 1417 1356 1480">Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p data-bbox="251 1512 1396 1575">80.06 The cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the Tp., hereinbefore described.</p> <p data-bbox="397 1606 1445 1711">Land, rolling. Soil, clay. Timber, piñon and juniper; undergrowth, brush and native grasses.</p> <hr/>	T29N		R30E	R31E	S 1	S 6	S12	S 7	1989		T29N R31E		1/4		S 6	S 5	1990	
T29N																			
R30E	R31E																		
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S 6	S 5																		
1990																			

BOOK 5340

Survey of the Subdivisional Lines, T. 29 N., R. 31 E.,
Gila and Salt River Mer., Arizona

CHAINS

Point for the 1/4 sec. cor. of sec. 5 only, on the E. bdy. of sec. 5, 40.00 chs. in northing from the closing cor. of secs. 5 and 8, on the Arizona-New Mexico State Line.

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

T29N |
R31E |
S 5 1/4 |
1990

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

From this cor. point, the 73 Mile Post on the Arizona-New Mexico State Line, bears N. 0°01' W., 2.96 chs. dist., hereinbefore described.

GENERAL DESCRIPTION

Area surveyed is located within the Navajo Indian Reservation. The township is located 8 miles north of Fort Defiance, Arizona. The east boundary of the township is the Arizona-New Mexico State Line. The terrain varies from nearly level valley to rolling land, with elevation ranging from 7000 feet to 7800 feet above sea level. The soil is sandy clay in the valley, with gravel and clay in the hill areas.

The principal drainage is Black Creek, which enters the township at the middle of the east boundary from the northeast and drains southerly. Numerous secondary drainages flow into Black Creek. Red Lake, a reservoir, occupies a portion of section 8. Vegetation is predominately native grasses and sagebrush with piñon and juniper at the higher elevations.

The principal land use is livestock grazing. There is no evidence of active mining.

The main access to the township is provided by two graded roads entering in section 19 and extending south and west. Section 19 is where the main community of Red Lake is located, with some scattered houses elsewhere within the valley.

The mean magnetic declination, as taken from the 1985 magnetic declination map published by the U.S. Geological Survey, is 12 1/2°E.

BOOK 5340

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS - NAVAJO TRIBAL EMPLOYEES

NAMES	CAPACITY
Wilfred Chee	Engineering Technician II
Nelson Kinsel	Engineering Technician II
Reuben Mason	Engineering Technician II

CERTIFICATE OF SURVEY

We, Kevin R. DeRossett and Leonard R. Sandoval, Cadastral Surveyors, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 27th day of November, 1987, we have resurveyed a portion of the Arizona-New Mexico State Line between the 72 Mile Post and the 79 Mile Post and surveyed the south boundary, identical with a portion of the Seventh Standard Parallel North, through Range 31 East, the north boundary and the subdivisional lines, of Township 29 North, Range 31 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 us and under our 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.

Kevin R. DeRossett is no longer assigned to this office and is not available for signature.

November 13, 1991
(Date)

William F. Olver
(Chief, Navajo Cadastral Sec.)

November 4, 1991
(Date)

Leonard R. Sandoval
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the Arizona-New Mexico State Line between the 72 Mile Post and the 79 Mile Post, and the survey of the south boundary, identical with a portion of the Seventh Standard Parallel North, through Range 31 East, the north boundary and the subdivisional lines, of Township 29 North, Range 31 East, Gila and Salt River Meridian, Arizona, executed by Kevin R. DeRossett and Leonard R. Sandoval, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

DEC 3 1991
(Date)

James P. Kelley
(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. 29 N., R. 31 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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