

ORIGINAL

BOOK 5414

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE NORTH BOUNDARY,

(FIRST STANDARD PARALLEL NORTH), EAST BOUNDARY

AND SUBDIVISIONAL LINES,

THE COMPLETION SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SURVEY OF THE SUBDIVISION OF SECTION 16,

OF

TOWNSHIP 5 NORTH, RANGE 10 WEST

Of the Navajo Special Meridian
In the State of Arizona

EXECUTED BY

Leonard R. Sandoval, Cadastral Surveyor

Under special instructions dated November 22, 1989, approved November 22, 1989, and supplemental special instructions dated January 6, 1992, approved January 6, 1992, which provided for the surveys included under Group Number 715 and assignment instructions dated December 18, 1989.

Survey commenced December 2, 1991

Survey completed July 27, 1992

INDEX DIAGRAM

TOWNSHIP 5 NORTH, RANGE 10 WEST

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Subdivision of Section 16 - pp. 48-60

T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the north boundary (First Standard Parallel North), east boundary and subdivisional lines, the completion survey of a portion of the subdivisional lines, and the survey of the subdivision of section 16, of Township 5 North, Range 10 West, Navajo Special Meridian, Arizona.

This resurvey is to preserve a portion of Township 5 North, Range 10 West, Navajo Special Meridian, for the purposes of identifying Tribal Trust Lands around private land, in section 16, and to preserve the identification of the Boundary of Canyon De Chelly National Monument. The initial point of the Navajo Special Meridian, identical with the southeast cor. of the 1868 Navajo Indian Reservation established by E. N. Darling was recovered in 1992 in sec. 34, T. 18 N., R. 16 W., New Mexico Principal Meridian, New Mexico.

The First Standard Parallel North, through Ranges 9 and 10 West, the east, south and west boundaries, and the subdivisional lines of Township 5 North, Range 10 West, Navajo Special Meridian, were surveyed by E. N. Darling in 1869. A portion of the subdivisional lines of the township were dependently resurveyed by B. J. Kinsey in 1933. Portions of the First Standard Parallel North, through Ranges 9 and 10 West, east boundary and subdivisional lines were dependently resurveyed, and the subdivision of section lines of sections 10, 22, 25, and 26 surveyed by J. L. Warboys, Ty White and Claude F. Warner in 1940-42.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated November 22, 1989, and Supplemental Special Instructions dated January 6, 1992 for Group No. 715, Arizona.

Preliminary to the resurvey, the lines of the original survey and the resurveys were retraced and search was made for all corners and other calls of the records. 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 true line field notes are given herein.

The directions of lines were determined by use of the published bearing between U. S. Geological Survey third order triangulation stations "SIBASILA 1937" and "SLIM 1937", and direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured using Topcon GTS-3B and Zeiss ELTA-3 electronic total station instruments.

T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS

The geographic position of the corner of sections 25 and 36 only, on the east boundary of the township, as determined from a tie made to U.S. Geological Survey third order triangulation station "SIBASILA 1937", hereinafter described, is as follows:

Latitude: 36°07'11.34" N. Longitude: 109°29'24.79" 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
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

Restoring the resurvey executed by
J. L. Warboys, in 1940

Beginning at the closing cor. of T. 5 N., Rs. 9 and 10 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground with brass cap mkd. T6N R9W S31 S1 S6 R9W R10W T5N CC 1940, now serving as the northeast cor. of sec. 1 only, T. 5 N., R. 10 W., from which the 1940 bearing trees

A forked juniper stump, 30 ins. diam. at base, bears
S. 4 3/4° E., 1.51 chs. dist., with no visible mks.

A forked juniper, 20 ins. diam. at base, bears
S. 83 1/2° W., 3.71 chs. dist., with scribe mks. T5N R10W
S1 CC BT visible on partially healed blaze. (Record:
S. 83 1/4° W.)

Remark the brass cap to read

T5N
R10W
S 1
1992
1940

Dependent Resurvey of a Portion of the
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From this cor. point, the stan. 1/4 sec. cor. of sec. 31, T. 6 N., R. 9 W., bears S. 87°09' E., 16.855 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. SC 1/4 S31 1940, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A juniper, 18 ins. diam., bears N. 28° E., 1.53 chs. dist., with scribe mks. 1/4 S31 SC BT visible on open blaze.</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 56 1/4° E., 15 lks. dist., with scribe mks. 1/4 S31 SC BT visible on open blaze.</p> <p>Add the marks 1992 to the brass cap.</p> <p>N. 87°12' W., on the N. bdy. of sec. 1, T. 5 N., R. 10 W.</p> <p>Over rolling land.</p>
23.73	<p>The stan. cor. of T. 6 N., Rs. 9 and 10 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 7 ins. above a mound of stone, 5 ft. base, 1 1/2 ft. high, with brass cap mkd. SC T6N R9W R10W S31 S36 1940, now serving as AP 1 on the N. bdy. of sec. 1, T. 5 N., R. 10 W., from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A juniper, 7 ins. diam., bears N. 20° E., 2.695 chs. dist., with scribe mks. T6N R9W S31 SC BT visible on open blaze. Deface the scribe mks. from the blaze. (Record: 306 lks. dist.)</p> <p style="padding-left: 40px;">A juniper, 7 ins. diam., bears N. 28 1/4° W., 3.065 chs. dist., with scribe mks. T6N R10W S36 SC BT visible on open blaze. Deface the scribe mks. from the blaze. (Record: N. 26 1/4° W., 269 lks. dist.)</p> <p>Remark the brass cap to read</p> <div style="text-align: center; margin-left: auto; margin-right: auto;"> <hr style="width: 20%; margin: 0 auto;"/> <p>AP1 T5N R10W S 1 1992 1940</p> <hr style="width: 20%; margin: 0 auto;"/> </div>

Dependent Resurvey of a Portion of the
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
18.585	<p>S. 89°35' W., beginning new measurement.</p> <p>Over rolling land.</p> <p>The 1/4 sec. cor. of sec. 1 only, T. 5 N., R. 10 W., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. 1/4 S1 1940, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A forked juniper, 18 ins. diam. at base, bears S. 62 3/4° E., 2.20 chs. dist., with scribe mks. 1/4 S1 BT visible on open blaze.</p> <p style="padding-left: 40px;">A forked juniper, 14 ins. diam. at base, bears S. 14 3/4° W., 4.54 chs. dist., with scribe mks. 1/4 S1 BT visible on open blaze.</p> <p>Add the marks T5N R10W 1992 to the brass cap.</p> <hr style="width: 20%; margin: 10px auto;"/>
22.68	<p>S. 89°33' W., beginning new measurement.</p> <p>Over rolling land.</p> <p>The stan. 1/4 sec. cor. of sec. 36, T. 6 N., R. 10 W., monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above a mound of stone, 5 ft. base, 2 1/2 ft. high, with brass cap mkd. SC 1/4 S36, now serving as AP 2 on the N. bdy. of sec. 1, T. 5 N., R. 10 W., from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears N. 26 1/4° E., 2.03 chs. dist., with scribe mks. 1/4 S36 SC BT visible on open blaze. Deface the scribe mks. from the blaze.</p> <p style="padding-left: 40px;">A piñon, 9 ins. diam., bears N. 74 1/2° W., 64 lks. dist., with scribe mks. 1/4 S36 SC BT visible on open blaze. Deface the scribe mks. from the blaze.</p> <p>Remark the brass cap to read</p> <div style="text-align: center; margin: 10px auto;"> <hr style="width: 20%;"/> <p>AP2 T5N R10W S 1 1992 1940</p> <hr style="width: 20%;"/> </div>

Dependent Resurvey of a Portion of the
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS									
19.04	<p>N. 88°57' W., beginning new measurement.</p> <p>Over rolling and broken land.</p> <p>The closing cor. of secs. 1 and 2, T. 5 N., R. 10 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T6N R10W S36 S1 S2 T5N R10W CC 1940, now serving as the cor. of secs. 1 and 2 only, T. 5 N., R. 10 W., from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A forked juniper, 12 ins. diam. at base, bears S. 22° E., 33 lks. dist., with scribe mks. BT visible on open blaze. Add the scribe mark X to the tree.</p> <p style="padding-left: 40px;">A piñon stump, 8 ins. diam., bears S. 26 1/2° W., 78 lks. dist., with scribe mks. BT visible on remnant of open blaze.</p> <p>Remark the brass cap to read</p> <div style="text-align: center; margin: 10px 0;"> <table border="1" style="margin: auto;"> <tr> <td style="padding: 2px 5px;">S 2</td> <td style="padding: 2px 5px;">S 1</td> </tr> <tr> <td colspan="2" style="padding: 2px 5px;">T5N R10W</td> </tr> <tr> <td colspan="2" style="padding: 2px 5px;">1992</td> </tr> <tr> <td colspan="2" style="padding: 2px 5px;">1940</td> </tr> </table> </div> <p>From this cor. point, an angle point bears N. 7°43' W., 2.075 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above a mound of stone, 5 ft. base, 3 ft. high, with brass cap mkd. AP S36 T6N R10W 1940. As it is impracticable to bury the iron post, remove brass cap and mark AM on the N. side of the iron post.</p>	S 2	S 1	T5N R10W		1992		1940	
S 2	S 1								
T5N R10W									
1992									
1940									
21.445	<p>N. 88°56' W., on the N. bdy. of sec. 2, T. 5 N., R. 10 W.</p> <p>Over rolling and broken land.</p> <p>The stan. cor. of secs. 35 and 36, T. 6 N., R. 10 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above a mound of stone, 3 ft. base, 1 ft. high, and witnessed by a mound of stone, 6 ft. base, 3 ft. high, to the N., with brass cap mkd. SC T6N R10W S35 S36 1940, now serving as AP 1 on the N. bdy. of sec. 2, T. 5 N., R. 10 W.</p>								

Dependent Resurvey of a Portion of the
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>Remark the brass cap to read</p>
	<p style="text-align: center;"> <hr/> AP1 T5N R10W S 2 1992 1940 <hr/> </p>
	<p>N. 88°51' W., beginning new measurement.</p>
	<p>Over rolling and broken land.</p>
<p>17.265</p>	<p>The 1/4 sec. cor. of sec. 2 only, T. 5 N., R. 10 W., monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. 1/4 S2 1940, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A forked juniper, 23 ins. at base, bears S. 21 1/2° E., 1.67 chs. dist., with scribe mks. 1/4 S2 BT visible on open blaze.</p> <p style="padding-left: 40px;">A forked juniper, 7 ins. at base, bears S. 1 3/4° W., 87 1/2 lks. dist., with scribe mks. 1/4 S2 BT visible on open blaze. (Record: 88 lks. dist.)</p> <p>Add the marks T5N R10W 1992 to the brass cap.</p>
	<p>N. 88°54' W., beginning new measurement.</p>
	<p>Over rolling land.</p>
<p>4.07</p>	<p>Barbed wire fence, 5 strands, bears NE and SW.</p>
<p>22.21</p>	<p>The stan. 1/4 sec. cor. of sec. 35, T. 6 N., R. 10 W., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above a mound of stone, 3 ft. base, 1/2 ft. high, with brass cap mkd. SC 1/4 S35 1940, now serving as AP 2 on the N. bdy. of sec. 2, T. 5 N., R. 10 W., from which the 1940 bearing trees</p>

Dependent Resurvey of a Portion of the
 North Boundary, (First Standard Parallel North),
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	<p>A juniper, 6 ins. diam., bears N. 41° E., 2.68 chs. dist., with scribe mks. 1/4 S35 SC BT visible on open blaze. Deface the scribe mks. from the blaze. (Record: 168 lks. dist.)</p> <p>A juniper, 6 ins. diam., bears N. 34 3/4° W., 64 lks. dist., with partial scribe mks. S35 SC BT visible on open blaze. Deface the scribe mks. from the blaze.</p> <p>Remark the brass cap to read</p> <hr style="width: 20%; margin: auto;"/> <p style="text-align: center;">AP2 T5N R10W S 2 1992 1940</p> <hr style="width: 20%; margin: auto;"/> <p>S. 89°57' W., beginning new measurement.</p> <p>Over rolling land.</p> <p>15.47 The closing cor. of secs. 2 and 3, T. 5 N., R. 10 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. T6N R10W S35 S2 S3 T5N R10W CC 1940, now serving as the cor. of secs. 2 and 3 only, T. 5 N., R. 10 W., from which the 1940 bearing trees</p> <p>A juniper, 7 ins. diam., bears S. 26 1/4° E., 1.835 chs. dist., with scribe mks. T5N R10W S2 CC BT visible on open blaze. (Record: 184 lks. dist.)</p> <p>A forked juniper, 8 ins. diam. at base, bears S. 20 1/2° W., 1.28 chs. dist., with scribe mks. T5N R10W S3 CC visible on open blaze.</p> <p>Remark the brass cap to read</p> <hr style="width: 20%; margin: auto;"/> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 3</td> <td style="padding: 0 5px;">S 2</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 0 5px;">T5N R10W</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 0 5px;">1992</td> </tr> <tr> <td colspan="2" style="text-align: center; padding: 0 5px;">1940</td> </tr> </table>	S 3	S 2	T5N R10W		1992		1940	
S 3	S 2								
T5N R10W									
1992									
1940									

Dependent Resurvey of a Portion of the
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From this cor. point, an angle point, monumented with a chiselled X on sandstone bedrock, in the center of a mound of stone, 3 ft. base, 2 ft. high, bears N. 2°18' W., 1.725 chs. dist.; there is no remaining evidence of the 1940 iron post, and not necessary to amend the "X".</p>
	<p>N. 88°14' W., on the N. bdy. of sec. 3, T. 5 N., R. 10 W.</p>
	<p>Over gently rolling land.</p>
<p>25.005</p>	<p>The stan. cor. of secs. 34 and 35, T. 6 N., R. 10 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, and witnessed by a mound of stone, 4 ft. base, 3 ft. high, to the N., with brass cap mkd. SC T6N R10W S34 S35 1940, now serving as an AP on the N. bdy. of sec. 3, T. 5 N., R. 10 W.</p> <p>Remark the brass cap to read</p> <div style="text-align: center;"> <hr style="width: 10%; margin: 0 auto;"/> <p>AP T5N R10W S 3 1992 1940</p> </div>
	<div style="text-align: center;"> <hr style="width: 20%; margin: 0 auto;"/> <p>Restoring the survey executed by E. N. Darling, in 1869</p> <hr style="width: 20%; margin: 0 auto;"/> </div>
	<p>West, on record bearing, beginning new measurement on the N. bdy. of sec. 3, T. 5 N., R. 10 W.</p>
	<p>Over rolling land.</p>
<p>15.93</p>	<p>Point for the 1/4 sec. cor. of sec. 3 only, T. 5 N., R. 10 W., at midpoint on the N. bdy. of sec. 3.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the
North Boundary, (First Standard Parallel North),
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p style="text-align: center;"> <hr style="width: 10%; margin: 0 auto;"/> 1/4 S 3 T5N R10W 1992 </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>40.00 Point for the stan. 1/4 sec. cor. of sec. 34, T. 6 N., R. 10 W., at record dist.; there is no remaining evidence of the original cor. Not remonumented.</p> <p>56.85 Point for the northwest cor. of sec. 3 only, T. 5 N., R. 10 W., formally the closing cor. of secs. 3 and 4, at record 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., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;"> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> T5N R10W S 3 1992 </div> </p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
<hr/> Dependent Resurvey of a Portion of the East Boundary, T. 5 N., R. 10 W., Navajo Special Meridian, Arizona	
<hr/> Restoring the resurvey executed by J. L. Warboys, in 1940	
<p>From the cor. of secs. 25 and 36 only, T. 5 N., R. 10 W., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. T5N R10W S25 S36 1940; there is no remaining evidence of the 1940 bearing trees.</p> <p>Add the marks 1991 to the brass cap.</p>	

Dependent Resurvey of a Portion of the East Boundary,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From this cor. point, U.S. Geological Survey triangulation station "SIBASILA 1937" with published latitude of 36°07'43.764" N. and longitude of 109°29'37.116" W., NAD27, bears N. 17°08.4' W., 52.01 chs. dist., monumented with a standard brass disk, cemented in a sandstone outcrop, with top mkd. SIBASILA 1937 and a triangle.</p> <p>N. 0°27' W., on the E. bdy. of sec. 25.</p> <p>Over rolling land.</p>
43.39	<p>The 1/4 sec. cor. of sec. 25 only, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. 1/4 S25 1940, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears S. 8 1/4° W., 1.39 chs. dist., with scribe mks. 1/4 S25 BT visible on open blaze. (Record: S. 9° W., 137 lks. dist.)</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears N. 69° W., 2.83 chs. dist., with scribe mks. 1/4 S25 BT visible on open blaze.</p> <p>Add the marks T5N R10W 1992 to the brass cap.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 1°24' E., beginning new measurement.</p> <p>Over rolling land.</p>
1.30	<p>Center of Navajo Route 7, asphalt pavement, 30 lks. wide, bears SSE on curve to the left.</p>
38.76	<p>The cor. of secs. 24 and 25 only, monumented with iron post, 2 ins. diam., firmly set in a mound of stone, 4 ft. base, 3 ft. high, with brass cap mkd. T5N R10W S24 S25 1940, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A forked juniper, 11 ins. at base, bears S. 59 1/2° W., 1.14 chs. dist., with scribe mks. T5N R10W S25 BT visible on open blaze.</p> <p style="padding-left: 40px;">A forked piñon, 13 ins. at base, bears N. 40° W., 2.02 chs. dist., with scribe mks. T5N R10W S24 BT visible on open blaze. (Record: 200 lks. dist.)</p> <p>Add the marks 1991 to the brass cap.</p> <hr style="width: 100%; margin-top: 10px;"/>

Dependent Resurvey of a Portion of the East Boundary,
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	Restoring the survey executed by E. N. Darling, in 1869 <hr style="width: 20%; margin: auto;"/>
	N. 2°28' E., on the E. bdy. of sec. 24. Over broken land.
7.70	S. rim of Canyon de Chelly, bears SE and NW; thence descend into the canyon. (Record: 32.50 chs. ... course West)
31.20	Foot of sheer cliff on S. side of Dog Rock, bears E. and W.
41.19	Point for the 1/4 sec. cor. of sec. 24 only, formally the 1/4 sec. cor. of secs. 19 and 24, at proportionate dist.; not originally monumented. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T5N R10W 1/4 S24 1992 </div>
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post. Cor. is located 5 chs. N. of foot of sheer cliff on N. side of Dog Rock.
52.70	Chinle Wash, 5 chs. wide, drains W.; thence ascend out of the canyon.
61.30	N. rim of Canyon de Chelly, bears E. and W.; thence over broken sandstone outcrops. (Record: 67.97 chs.)
82.38	Point for the cor. of secs. 13 and 24 only, formally the cor. of secs. 13, 18, 19 and 24, at proportionate dist.; there is no remaining evidence of the original cor. Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd. <div style="text-align: center;"> T5N R10W S13 <hr style="width: 10%; margin: auto;"/> S24 1992 </div>

Dependent Resurvey of a Portion of the East Boundary,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p>
	<p>N. 2°28' E., on the E. bdy. of sec. 13.</p>
	<p>Over rolling land.</p>
41.19	<p>Point for the 1/4 sec. cor. of sec. 13 only, formally the 1/4 sec. cor. of secs. 13 and 18, 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>
	<p style="text-align: center;">T5N R10W 1/4 S13 1992</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
82.38	<p>The cor. of secs. 12 and 13 only, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, and witnessed by a mound of stone, 4 ft. base, 2 ft. high, to the W., with brass cap mkd. T5N R9W R10W S12 S13 1940.</p>
	<p>Remark the brass cap to read</p>
	<p style="text-align: center;">T5N R10W S12 ----- S13 1992 1940</p>
	<p style="text-align: center;">Restoring the resurvey executed by J. L. Warboys, in 1940</p>
	<p>N. 0°50' W., on the E. bdy. of sec. 12.</p>
	<p>Over rolling land.</p>
39.76	<p>The 1/4 sec. cor. of sec. 12 only, monumented with iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, and witnessed by a mound of stone, 4 ft. base, 2 ft. high, to the W., with brass cap mkd. 1/4 S12 1940.</p>

Dependent Resurvey of a Portion of the East Boundary,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	Add the marks T5N R10W 1992 to the brass cap.
	<hr/> N. 5°10' W., beginning new measurement.
	Over rolling land.
9.69	S. right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.
11.18	Center of Navajo Route 64, asphalt pavement, 45 lks. wide, bears ENE and WSW.
12.72	N. right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.
34.88	The witness cor. to the cor. of secs. 1 and 12 only, monumented with an iron post, 2 ins. diam., firmly set in a mound of stone, 4 ft. base, 3 ft. high, with a chiselled X on sandstone bedrock beneath the iron post, with brass cap mkd. WC T5N R9W R10W S1 S12 1940, now serving as an AP on the E. bdy. of sec. 12.
	At the cor. point
	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.
	<div style="text-align: center;"> AP T5N R10W S12 1992 </div>
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.
	Raise a mound of stone, 4 ft. base, 2 1/2 ft. high, W. of the cor.
	<hr/> N. 1°20' E., beginning new measurement.
	Over nearly level land.
0.495	True point for the cor. of secs. 1 and 12 only, at proportionate dist.; falls on sandstone bedrock, which is irreconcilable with the original record and the 1940 record.

Dependent Resurvey of a Portion of the East Boundary,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS													
	<p>Set a brass tablet, 3 1/4 ins. diam., 3 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>T5N R10W</td> <td> </td> </tr> <tr> <td>S 1</td> <td> </td> </tr> <tr> <td>-----</td> <td> </td> </tr> <tr> <td>S12</td> <td> </td> </tr> <tr> <td>1992</td> <td> </td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <p>Cor. is located 30 lks. S. of S. rim of Slim Canyon, bears E. and W. (1940 record: S. rim of Slim Canyon, 0.29 chs. N. of witness cor.)</p>	T5N R10W		S 1		-----		S12		1992			
T5N R10W													
S 1													

S12													
1992													
	<hr/> <p>N. 3°30' E., on the E. bdy. of sec. 1.</p>												
	<p>Over broken land.</p>												
8.80	<p>N. rim of Slim Canyon, bears ESE and WNW. (1940 record: 9.61 chs.)</p>												
40.475	<p>The 1/4 sec. cor. of sec. 1 only, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 6 ft. base, 2 ft. high, with brass cap mkd. 1/4 S1 1940. Add the marks T5N R10W 1992 to the brass cap.</p>												
	<hr/> <p>N. 5°22' E., beginning new measurement.</p>												
	<p>Over rolling land.</p>												
36.64	<p>The angle point for secs. 1 and 6, T. 5 N., Rs. 9 and 10 W., monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. AP T5N R9W R10W S1 S6 1940, now serving as an AP for sec. 1 only.</p>												
	<p>Remark the brass cap to read</p>												
	<div style="text-align: center;"> <table border="0"> <tr> <td>AP</td> <td> </td> </tr> <tr> <td>T5N</td> <td> </td> </tr> <tr> <td>R10W</td> <td> </td> </tr> <tr> <td>S 1</td> <td> </td> </tr> <tr> <td>1992</td> <td> </td> </tr> <tr> <td>1940</td> <td> </td> </tr> </table> </div> <hr/>	AP		T5N		R10W		S 1		1992		1940	
AP													
T5N													
R10W													
S 1													
1992													
1940													

Dependent Resurvey of a Portion of the East Boundary,
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	<p>N. 6°51' E., beginning new measurement.</p> <p>Over rolling land.</p>
2.735	<p>The northeast cor. of sec. 1 only, T. 5 N., R. 10 W., hereinbefore described.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 5 N., R. 10 W., Navajo Special Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by J. L. Warboys, in 1940</p> <hr/> <p>From the cor. of secs. 25 and 36 only, on the E. bdy. of the Tp., hereinbefore described.</p> <p>S. 89°31' W., on the S. bdy. of sec. 25.</p> <p>Over rolling and broken land.</p>
38.68	<p>The 1/4 sec. cor. of secs. 25 and 36, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 4 ft. base, 2 1/2 ft. high, with brass cap mkd. 1/4 S25 S36 1940, now serving as the south 1/4 sec. cor. of sec. 25 only, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A piñon, 11 ins. diam., bears S. 4 1/4° W., 2.19 chs. dist., with scribe mks. 1/4 S36 BT visible on open blaze. Deface the scribe mks. from the blaze.</p> <p style="padding-left: 40px;">A piñon, 8 ins. diam., bears N. 51 1/4° W., 61 lks. dist., with scribe mks. 1/4 S25 BT visible on open blaze.</p> <p>Remark the brass cap to read</p> <div style="text-align: center; margin-left: auto; margin-right: auto;"> <p>T5N R10W 1/4 S25</p> <hr style="width: 20%; margin: 0 auto;"/> <p>1991 1940</p> <hr style="width: 20%; margin: 0 auto;"/> </div>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS									
38.23	<p>N. 89°32' W., beginning new measurement.</p> <p>Over rolling and broken land.</p> <p>The cor. of secs. 25, 26, 35, and 36, monumented with a chiselled X on sandstone bedrock, in a disturbed mound of stone, 4 ft. base, 3 ft. high, now serving as the cor. of secs. 25 and 26 only, from which the remaining 1940 bearing trees</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears N. 47 3/4° E., 1.03 chs. dist., with scribe mks. T5N R10W S25 BT visible on open blaze. (Record: 105 lks. dist.)</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 77 1/4° E., 8 lks. dist., with scribe mks. T5N R10W S36 BT visible on open blaze. (Record: 9 lks. dist.) Deface the scribe mks. from the blaze.</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears S. 62 3/4° W., 74 lks. dist., with scribe mks. T5N R10W S35 BT visible on open blaze. Deface the scribe mks. from the blaze.</p> <p>At the cor. point</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table border="0"> <tr><td colspan="2">T5N R10W</td></tr> <tr><td>S26</td><td> S25</td></tr> <tr><td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td></tr> <tr><td colspan="2">1992</td></tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <p>Raise a mound of stone, 4 ft. base, 3 ft. high, N. of the cor.</p> <hr style="border: 0.5px solid black;"/>	T5N R10W		S26	S25	<hr style="width: 50%; margin: 0 auto;"/>		1992	
T5N R10W									
S26	S25								
<hr style="width: 50%; margin: 0 auto;"/>									
1992									
43.06	<p>N. 1°25' W., bet. secs. 25 and 26.</p> <p>Over rolling and broken land.</p> <p>The 1/4 sec. cor. of secs. 25 and 26, determined in the center of a mound of stone, 4 ft. base, 2 ft. high, from which the 1940 bearing trees</p>								

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>A piñon, 8 ins. diam., bears S. 66 3/4° E., 3.28 chs. dist., with scribe mks. 1/4 S25 BT visible on open blaze.</p> <p>A piñon, 5 ins. diam., bears N. 57 1/2° W., 3.70 chs. dist., with scribe mks. 1/4 S26 BT visible on open blaze.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in sandstone bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W 1/4 S26 S25 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr/> <p>N. 4°12' E., beginning new measurement.</p> <p>Over rolling and broken land.</p>
31.71	Center of Navajo Route 7, asphalt pavement, 30 lks. wide, bears ESE on curve to left.
36.03	<p>The cor. of secs. 23, 24, 25, and 26, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, and witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. T5N R10W S23 S24 S25 S26 1940, from which the 1940 bearing trees</p> <p>A piñon, 10 ins. diam., bears S. 20 3/4° E., 2.75 chs. dist., with scribe mks. T5N R10W S25 BT visible on open blaze.</p> <p>A piñon, 11 ins. diam., bears S. 42 3/4° W., 1.75 chs. dist., with scribe mks. T5N R10W S26 BT visible on open blaze.</p> <p>Add the marks 1991 to the brass cap.</p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>N. 85°48' E., bet. secs. 24 and 25.</p>
	<p>Over rolling land.</p>
16.55	<p>Center of Navajo Route 7, asphalt pavement, 30 lks. wide, bears NE and SW.</p>
30.98	<p>NW cor. of a wood frame house, 25 x 15 ft., bears South, 1.04 chs. dist., long side bears SSW.</p>
36.86	<p>The 1/4 sec. cor. of secs. 24 and 25, monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. 1/4 S24 S25 1940, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 76 1/2° E., 1.805 chs. dist., with scribe mks. 1/4 S24 BT visible on open blaze. (Record: N. 76° E., 179 lks. dist.)</p> <p style="padding-left: 40px;">A piñon, 18 ins. diam., bears S. 21 3/4° E., 2.18 chs. dist., with scribe mks. 1/4 S25 BT visible on open blaze.</p> <p>Add the marks T5N R10W 1991 to the brass cap.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°18' E., beginning new measurement.</p> <p>Over rolling land.</p>
34.06	<p>Center of Navajo Route 7, asphalt pavement, 30 lks. wide, bears SSE in curve to right.</p>
39.17	<p>The cor. of secs. 24 and 25 only, on the E. bdy. of the Tp., hereinbefore described.</p>
	<hr/> <p style="text-align: center;">Restoring the survey executed by E. N. Darling, in 1869</p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 23, 24, 25, and 26.</p> <p>N. 0°25' W., bet. secs. 23 and 24.</p> <p>Over broken land.</p>
15.30	SE rim of Canyon de Chelly, bears NE and SW; thence descend into the canyon.
34.50	Chinle Wash, 2 chs. wide, 3 ft. deep, drains W.
37.12	Wire mesh fence, bears SE and NW.
41.335	<p>Point for the 1/4 sec. cor. of secs. 23 and 24, 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., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T5N R10W 1/4 S23 S24 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
70.79	Point for the original witness cor. to the cor. of secs. 13, 14, 23, and 24, at proportionate dist.; there is no remaining evidence of the original cor. Not remonumented.
82.67	<p>Point for the cor. of secs. 13, 14, 23, and 24, at proportionate dist.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T5N R10W S14 S13 ----- S23 S24 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 13 and 24 only, on the E. bdy. of the Tp., hereinbefore described.</p> <p>S. 87°58' W., bet. secs. 13 and 24.</p> <p>Over rolling land.</p>
40.055	<p>Point for the 1/4 sec. cor. of secs. 13 and 24, 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> <p style="text-align: center;">T5N R10W S13 1/4 — S24 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
61.20	<p>E. rim of Canyon de Chelly, bears N. and S.; thence descend into the canyon.</p>
80.11	<p>The cor. of secs. 13, 14, 23, and 24.</p>
41.37	<p>N. 2°29' E., bet. secs. 13 and 14.</p> <p>Over broken land, on ascent from Canyon de Chelly along W. edge of spur canyon, drains S.</p> <p>Point for the 1/4 sec. cor. of secs. 13 and 14, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">T5N R10W 1/4 S14 S13 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
82.74	<p>The cor. of secs. 11, 12, 13, and 14, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. T5N R10W S11 S12 S13 S14 1940. Add the marks 1992 to the brass cap.</p>
	<p style="text-align: center;">Restoring the resurvey executed by J. L. Warboys, in 1940</p> <hr style="width: 20%; margin: auto;"/> <p>N. 86°55' E., bet. secs. 12 and 13.</p> <p>Over rolling land.</p>
38.72	<p>The 1/4 sec. cor. of secs. 12 and 13, monumented with a chiselled X on sandstone bedrock in a scattered mound of stone.</p> <p>At the cor. point</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">T5N R10W S12 1/4 — S13 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 89°27' E., beginning new measurement.</p> <p>Over rolling land.</p>
41.34	<p>The cor. of secs. 12 and 13 only, on the E. bdy. of the Tp., hereinbefore described.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 11, 12, 13, and 14.</p> <p>N. 2°20' W., bet. secs. 11 and 12.</p> <p>Over broken land.</p>
37.24	<p>The 1/4 sec. cor. of secs. 11 and 12, monumented with a chiselled X on sandstone bedrock in a scattered mound of stone.</p> <p>At the cor. point</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">T5N R10W 1/4 S11 S12 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <p>Raise a mound of stone, 4 ft. base, 2 ft. high, W. of the cor.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 1°00' E., beginning new measurement.</p> <p>Over rolling land.</p>
31.00	Power line, bears E. and W.
32.61	S. right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.
34.13	Center of Navajo Route 64, asphalt pavement, 45 lks. wide, bears E. and W.
35.66	N. right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.
40.52	<p>The cor. of secs. 1, 2, 11, and 12, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. T5N R10W S1 S2 S11 S12 1940, from which the 1940 bearing trees</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>A juniper stump, 12 ins. diam., bears N. 32 1/2° E., 37 lks. dist., with scribe mks. S1 BT visible on remnant of open blaze.</p>
	<p>A juniper, 7 ins. diam., bears S. 61 1/4° E., 86 lks. dist., with scribe mks. S12 BT visible on open blaze. (Record: S. 64 1/4° E.)</p>
	<p>A juniper, 15 ins. diam., bears S. 16° W., 2.98 chs. dist., with scribe mks. S11 BT visible on open blaze.</p>
	<p>A juniper, 8 ins. diam., bears N. 67 3/4° W., 45 lks. dist., with scribe mks. S2 BT visible on open blaze.</p>
	<p>Add the marks 1992 to the brass cap.</p>
	<p>From this cor. point, U.S. Geological Survey triangulation station "SLIM 1937" with published latitude of 36°10'42.987" N. and longitude of 109°30'10.377" W., NAD27, bears N. 81°46.6' E., 16.64 chs. dist., monumented with a standard brass disk, cemented in sandstone outcrop, with top mkd. SLIM 1937 and a triangle.</p>
	<p>S. 89°45' E., bet. secs. 1 and 12.</p>
	<p>Over rolling land.</p>
22.10	<p>W. rim of Slim Canyon, bears SE and NW.</p>
38.50	<p>True point for the 1/4 sec. cor. of secs. 1 and 12, determined at record bearing and distance from the 1940 witness cor. to the 1/4 sec. cor. of secs. 1 and 12. True point falls on sheer S. wall of Slim Canyon, where it is impracticable to establish a monument.</p>
	<p>From this cor. point, the 1940 witness cor. to the 1/4 sec. cor. of secs. 1 and 12, bears South, 4.71 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, and witnessed by a mound of stone, 2 ft. base, 1/2 ft. high, N. of the cor., with brass cap mkd. WC 1/4 S1 S12 1940. Add the marks T5N R10W 1992 and an arrow pointing north to the brass cap.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>S. 89°51' E., beginning new measurement.</p> <p>Over broken land.</p>
30.30	<p>SE rim of Slim Canyon, bears NE and SW.</p>
38.61	<p>The cor. of secs. 1 and 12 only, on the E. bdy. of the Tp., hereinbefore described.</p>
	<hr/> <p>From the cor. of secs. 1, 2, 11, and 12.</p>
	<p>N. 6°30' E., bet. secs. 1 and 2.</p>
	<p>Over broken land.</p>
16.00	<p>S. rim of Slim Canyon, bears E. and W.</p>
23.70	<p>N. rim of Slim Canyon, bears NE and SW.</p>
41.23	<p>The 1/4 sec. cor. of secs. 1 and 2, monumented with a chiselled X on sandstone bedrock in a scattered mound of stone.</p>
	<p>At the cor. point</p>
	<p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p>
	<p style="text-align: center;">T5N R10W 1/4 S 2 S 1 1992</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p>
	<p>Raise a mound of stone, 5 ft. base, 2 1/2 ft. high, W. of the cor.</p>
	<hr/> <p>N. 7°43' W., beginning new measurement.</p>
	<p>Over broken land.</p>
39.92	<p>The cor. of secs. 1 and 2 only, on the N. bdy. of the Tp., hereinbefore described.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
40.90	<p>From the cor. of secs. 25 and 26 only.</p> <p>N. 89°56' W., on the S. bdy. of sec. 26.</p> <p>Over rolling and broken land.</p> <p>The 1/4 sec. cor. of secs. 26 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. 1/4 S26 S35 1940, now serving as the south 1/4 sec. cor. of sec. 26 only, from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A piñon, 13 ins. diam., bears S. 14 1/2° W., 1.60 chs. dist., with scribe mks. 1/4 S35 BT visible on open blaze. Deface the scribe mks. from the open blaze.</p> <p style="padding-left: 40px;">A forked juniper, 14 ins. diam. at base, bears N. 64 1/2° W., 1.34 chs. dist., with scribe mks. 1/4 S26 BT visible on open blaze. (Record: 138 lks. dist.)</p> <p>Remark the brass cap to read</p> <div style="text-align: center; margin-left: 100px;"> <p>T5N R10W 1/4 S26</p> <hr style="width: 50%; margin: 0 auto;"/> <p>1992 1940</p> </div>
40.86	<p>S. 89°57' W., beginning new measurement.</p> <p>Over rolling and broken land.</p> <p>The cor. of secs. 26, 27, 34, and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, and witnessed by a mound of stone, 4 ft. base, 2 ft. high, to the W., with brass cap mkd. T5N R10W S26 S27 S34 S35 1940, now serving as the southwest cor. of sec. 26 only.</p> <p>Remark the brass cap to read</p> <div style="text-align: center; margin-left: 100px;"> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>T5N R10W S26</p> </div> <p>1992 1940</p> </div>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS																						
	<p>N. 0°02' W., on the W. bdy. of sec. 26.</p> <p>Over rolling land.</p>																					
40.81	<p>The 1/4 sec. cor. of secs. 26 and 27, monumented with an iron post, 1 in. diam., firmly set, flush with the surface of the ground, with brass cap mkd. 1/4 S26 S27 1940, now serving as the west 1/4 sec. cor. of sec. 26 only.</p>																					
	<p>Remark the brass cap to read</p>																					
	<table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>T5N</td><td></td></tr> <tr><td></td><td>R10W</td><td></td></tr> <tr><td></td><td>1/4</td><td></td></tr> <tr><td></td><td>S26</td><td></td></tr> <tr><td></td><td>1992</td><td></td></tr> <tr><td></td><td>1940</td><td></td></tr> </table> <hr style="width: 20%; margin: 10px auto;"/>		T5N			R10W			1/4			S26			1992			1940				
	T5N																					
	R10W																					
	1/4																					
	S26																					
	1992																					
	1940																					
	<p>N. 0°02' W., beginning new measurement.</p>																					
	<p>Over rolling land.</p>																					
40.84	<p>Point for the cor. of secs. 22, 23, 26, and 27, determined at the center of a mound of stone, 4 ft. base, 1 1/2 ft. high, and is accepted as the best available evidence of the position of the original cor.; now serving as the cor. of secs. 22, 23, and 26 only.</p>																					
	<p>At the cor. point</p>																					
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in bedrock, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>																					
	<table style="margin-left: auto; margin-right: auto;"> <tr><td></td><td>T5N</td><td>R10W</td><td></td></tr> <tr><td></td><td>S22</td><td> </td><td>S23</td></tr> <tr><td></td><td colspan="3" style="border-top: 1px solid black;"></td><td></td></tr> <tr><td></td><td></td><td>S26</td><td></td></tr> <tr><td></td><td></td><td>1992</td><td></td></tr> </table>		T5N	R10W			S22		S23								S26				1992	
	T5N	R10W																				
	S22		S23																			
		S26																				
		1992																				
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>																					
	<p>S. 88°13' E., bet. secs. 23 and 26.</p>																					
	<p>Over rolling and broken land.</p>																					

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
41.74	<p>The 1/4 sec. cor. of secs. 23 and 26, monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above a mound of stone, 5 ft. base, 2 ft. high, with brass cap mkd. 1/4 S23 S26 1940. Add the marks T5N R10W 1992 to the brass cap.</p> <hr/> <p>S. 88°07' E., beginning new measurement.</p> <p>Over rolling and broken land.</p>
36.18	<p>Center of Navajo Route 7, asphalt pavement, 30 lks. wide, bears SSE and NNW.</p>
41.66	<p>The cor. of secs. 23, 24, 25, and 26.</p> <hr/> <p>From the cor. of secs. 22, 23, and 26 only.</p> <p>N. 0°40' W., bet. secs. 22 and 23.</p> <p>Over rolling land.</p>
18.30	<p>Graded road, 38 lks. wide, bears SE and NW.</p>
44.13	<p>The 1/4 sec. cor. of secs. 22 and 23, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. 1/4 S22 S23 1940. Add the marks T5N R10W 1992 to the brass cap.</p> <hr/> <p>N. 0°40' E., beginning new measurement.</p> <p>Over broken land.</p>
37.77	<p>The cor. of secs. 14, 15, 22, and 23, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. above a mound of stone, 5 ft. base, 1 1/2 ft. high, with a chiselled X on sandstone bedrock beneath the iron post, with brass cap mkd. T5N R10W S14 S15 S22 S23 1933.</p> <p>At the cor. point</p> <p>Set the original iron post, 36 ins. long, 8 ins. in a drill hole, cemented in place, in sandstone bedrock, in a mound of stone, 5 ft. base, to top.</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the iron post.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	Add the marks 1992 to the brass cap.
	<p style="text-align: center;">Restoring the survey executed by E. N. Darling, in 1869</p> <hr style="width: 20%; margin: auto;"/>
	East, on record bearing bet. secs. 14 and 23.
	Over broken land.
9.99	Center of Navajo Route 7, asphalt pavement, 38 lks. wide, bears SSE and NNW.
39.00	Point selected for the witness cor. to the 1/4 sec. cor. of secs. 14 and 23.
	<p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">WC T5N R10W S14 1/4 —> S23 1992</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p>
40.00	<p>True point for the 1/4 sec. cor. of secs. 14 and 23, at record distance; falls on a sheer cliff on SW side of Canyon de Chelly, where it is impracticable to construct a permanent monument. The true point is irreconcilable with the record; there is no remaining evidence of the original cor. (Record: 62.50 Canyon de Chelly ... impracticable to proceed further)</p> <p>Thence descend into Canyon de Chelly.</p>
62.50	Point for an AP at terminus of original line bet. secs. 14 and 23, at record dist.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p style="text-align: center;">AP T5N R10W S14 — S23 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by J. L. Warboys, in 1940</p> <hr/> <p>From the cor. of secs. 14, 15, 22, and 23. N. 1°11' E., bet. secs. 14 and 15.</p>
18.37	Center of Navajo Route 7, asphalt pavement, 38 lks. wide, bears SSE and NNW.
31.40	S. rim of Canyon de Chelly, bears E. and W.
41.00	N. rim of Canyon de Chelly, bears ESE and WNW.
42.76	The 1/4 sec. cor. of secs. 14 and 15, monumented with a chiselled X on sandstone bedrock in a scattered mound of stone.
	<p>At the cor. point</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">T5N R10W 1/4 S15 S14 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <p>Raise a mound of stone, 4 ft. base, 3 ft. high, W. of the cor.</p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
35.88	<p>N. 3°20' E., beginning new measurement.</p> <p>Over rolling land.</p> <p>The cor. of secs. 10, 11, 14, and 15, monumented with an iron post, 2 ins. diam., firmly set in a mound of stone, 5 ft. base, 3 ft. high, with brass cap mkd. T5N R10W S10 S11 S14 S15 1940. Add the marks 1992 to the brass cap.</p>
31.16	<p>N. 88°14' E., bet. secs. 11 and 14.</p> <p>Over rolling land.</p> <p>Point selected for a witness point bet. secs. 11 and 14.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">WP T5N R10W S11 — S14 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <p>From this cor. point, the 1940 witness cor. to the 1/4 sec. cor. of secs. 11 and 14, bears N. 85°04' E., 1.515 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. WC 1/4 S11 S14 1940 and is utilized in the course of this resurvey only for proportioning the true point for the 1/4 sec. cor. of secs. 11 and 14. Destroy the iron post and mound of stone.</p>
32.90	<p>W. rim of Cottonwood Canyon, approximately 200 feet high, bears N. and S.; thence descend abruptly into the canyon.</p>
41.68	<p>Point for the 1/4 sec. cor. of secs. 11 and 14, at proportionate dist.</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>

Dependent Resurvey of a Portion of the Subdivisional Lines,
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T5N R10W S11 1/4 — S14 1992</p>
	<p>from which</p> <p style="text-align: center;">The mks. X B0, chiselled on the face of a sandstone ledge, bear S. 17° E., 1.885 chs. dist.</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>Cor. is located in the bottom of Cottonwood Canyon.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 88°46' E., beginning new measurement.</p> <p>Over broken land.</p>
15.20	E. rim of Cottonwood Canyon, bears NNE and SSW.
41.75	The cor. of secs. 11, 12, 13, and 14.
	<hr/> <p>From the cor. of secs. 10, 11, 14, and 15.</p> <p>N. 0°26' E., bet. secs. 10 and 11.</p> <p>Over rolling and broken land.</p>
20.96	SE right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.
22.92	Center of Navajo Route 64, asphalt pavement, 38 lks. wide, bears ENE and WSW.
24.30	NW right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.
40.01	<p>The 1/4 sec. cor. of secs. 10 and 11, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. 1/4 S10 S11 1940, from which the 1940 bearing trees</p> <p style="text-align: center;">A forked piñon, 18 ins. diam. at base, bears S. 47 1/2° E., 79 lks. dist., with scribe mks. 1/4 S11 BT visible on open blaze.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>A juniper, 8 ins. diam., bears S. 24 1/2° W., 34 lks. dist., with scribe mks. 1/4 S10 BT visible on open blaze. (Record: S. 27 1/4° W.)</p>
	<p>Add the marks T5N R10W 1992 to the brass cap.</p> <hr/>
	<p>N. 0°28' E., beginning new measurement.</p>
	<p>Over rolling and broken land.</p>
41.90	<p>The cor. of secs. 2, 3, 10, and 11, monumented with an iron post, 2 ins. diam., firmly set, in a mound of stone, 4 ft. base, 3 ft. high, with brass cap mkd. T5N R10W S2 S3 S10 S11 1940. Add the marks 1992 to the brass cap.</p> <hr/>
	<p>S. 88°35' E., bet. secs. 2 and 11.</p>
	<p>Over rolling and broken land.</p>
33.10	<p>W. rim of canyon, bears N. and S.</p>
40.905	<p>True point for the 1/4 sec. cor. of secs. 2 and 11; at proportionate dist.; falls on cliff on side of a bluff, where it is impracticable to construct a permanent monument.</p>
47.65	<p>E. rim of canyon, bears N. and S.</p>
48.14	<p>The witness cor. to the 1/4 sec. cor. of secs. 2 and 11, monumented with an iron post, 1 in. diam., firmly set in a mound of stone, 4 ft. base, 3 ft. high, with brass cap mkd. WC S2 S11 1940. Add the marks T5N R10W 1992 and an arrow pointing west to the brass cap.</p> <hr/>
	<p>S. 88°37' E., beginning new measurement.</p>
	<p>Over rolling and broken land.</p>
33.79	<p>The cor. of secs. 1, 2, 11, and 12.</p> <hr/>
	<p>From the cor. of secs. 2, 3, 10, and 11.</p>
	<p>N. 6°09' E., bet. secs. 2 and 3.</p>
	<p>Over rolling and broken land.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
20.80	S. rim of Slim Canyon, bears ESE and WNW.
39.10	N. rim of canyon draining WSW into Slim Canyon.
40.73	The 1/4 sec. cor. of secs. 2 and 3, monumented with a chiselled X on sandstone bedrock in a scattered mound of stone.
	At the cor. point
	Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd.
	<p>T5N R10W 1/4 S 3 S 2 1992</p>
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.
	Cor. is located below a rock ledge, bears NE and SW.
	<hr style="width: 20%; margin: auto;"/> <p>N. 0°41' E., beginning new measurement.</p>
	Over rolling and broken land.
39.19	The cor. of secs. 2 and 3 only, on the N. bdy. of the Tp., hereinbefore described.
	<hr style="width: 100%;"/> <p>From the cor. of secs. 22, 23, and 26 only.</p>
	S. 85°37' W., on the S. bdy. of sec. 22.
	Over rolling land.
37.295	Point for the south 1/4 sec. cor. of sec. 22 only, formally the 1/4 sec. cor. of secs. 22 and 27, at proportionate dist.; there is no remaining evidence of the 1940 cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.
	<p>T5N R10W 1/4 S22 <hr style="width: 10%; margin: auto;"/>1992</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, 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>Cor. is located on W. edge of sand dunes.</p> <p>74.59 The cor. of secs. 21, 22, 27, and 28, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, and witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. T5N R10W S21 S22 S27 S28 1940, now serving as the southwest cor. of sec. 22 only.</p> <p>Remark the brass cap to read</p> <div style="margin-left: 400px;"> <table border="1" style="border-collapse: collapse;"> <tr> <td style="padding: 2px;">T5N R10W S22</td> </tr> </table> <p style="margin-left: 100px;">1992 1940</p> </div> <p>From this cor. point, the 1/4 sec. cor. of secs. 27 and 28, bears S. 7°07' E., 43.29 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S27 S28 1940. As it is impracticable to bury the iron post, remove the brass cap and mark AM on the N. side of the iron post.</p> <p>From this same cor. point, the 1/4 sec. cor. of secs. 21 and 28, bears S. 85°46' W., 37.25 chs. dist., a sandstone, 16 x 10 x 6 ins., with illegible mks., buried 5 ins. below the surface of the ground, with a scattered mound of stone to the N.; there is no remaining evidence of the 1940 iron post. Add the marks AM to the sandstone and bury in place.</p> <hr/> <p>N. 4°10' W., on the W. bdy. of sec. 22.</p> <p>Over rolling land.</p>	T5N R10W S22
T5N R10W S22		
29.80	Graded road, 38 lks. wide, bears NNE and SSW.	
43.06	The 1/4 sec. cor. of secs. 21 and 22, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, and witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. 1/4 S21 S22 1940, now serving as the west 1/4 sec. cor. of sec. 22 only.	

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS																			
	<p>Remark the brass cap to read</p> <div style="text-align: center;"> <table border="0"> <tr><td></td><td>T5N R10W</td></tr> <tr><td></td><td>1/4</td></tr> <tr><td></td><td>S22</td></tr> <tr><td></td><td>1992</td></tr> <tr><td></td><td>1940</td></tr> </table> </div> <hr/> <p>N. 4°11' W., beginning new measurement.</p> <p>Over rolling and broken land.</p>		T5N R10W		1/4		S22		1992		1940								
	T5N R10W																		
	1/4																		
	S22																		
	1992																		
	1940																		
17.60	Graded road, 30 lks. wide, bears NE and SW.																		
30.80	Graded road, 38 lks. wide, bears SSE and NNW.																		
43.11	<p>The cor. of secs. 15, 16, 21, and 22, monumented with an iron post, 2 ins. diam., firmly set, projecting 20 ins. above ground, in a scattered mound of stone, with brass cap mkd. T5N R10W S15 S16 S21 S22 1940, now serving as the cor. of secs. 15, 16, and 22 only.</p> <p>Remark the brass cap to read</p> <div style="text-align: center;"> <table border="0"> <tr><td></td><td>T5N R10W</td><td></td></tr> <tr><td>S16</td><td> </td><td>S15</td></tr> <tr><td colspan="3"><hr/></td></tr> <tr><td></td><td></td><td>S22</td></tr> <tr><td></td><td></td><td>1992</td></tr> <tr><td></td><td></td><td>1940</td></tr> </table> </div> <p>Raise a mound of stone, 4 ft. base, 3 ft. high, W. of the cor.</p> <hr/> <p>N. 88°47' E., bet. secs. 15 and 22.</p> <p>Over rolling and broken land.</p>		T5N R10W		S16		S15	<hr/>					S22			1992			1940
	T5N R10W																		
S16		S15																	
<hr/>																			
		S22																	
		1992																	
		1940																	
3.64	SW cor. of a wood frame house, 25 x 20 ft., bears North, 4.25 chs. dist., long side bears N.																		
4.89	SE cor. of a wood frame house, 25 x 20 ft., bears North, 2.23 chs. dist., long side bears N.																		

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
30.47	Barbed wire fence, 5 strands, parallels paved road.
31.22	Center of road, asphalt pavement, 30 lks. wide, bears NNE and SSW.
32.53	Barbed wire fence, 5 strands, parallels paved road.
40.26	Barbed wire fence, 6 strands, bears N. and S.
40.52	Point for the 1/4 sec. cor. of secs. 15 and 22, at proportionate dist.; there is no remaining evidence of the 1933 cor.
	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 style="text-align: center;">T5N R10W S15 1/4 — S22 1992</p>
	from which
	<p style="text-align: center;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 31°30' E., 113.1 ft. dist., with brass cap mkd. T5N R10W 1/4 S15 RM 113.1 FT TO COR 1992 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="text-align: center;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 31°30' W., 34.8 ft. dist., with brass cap mkd. T5N R10W 1/4 S22 RM 34.8 FT TO COR 1992 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>
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
	Cor. is located on the W. edge of a cultivated field.
	<p style="text-align: center;">_____</p>
	N. 88°54' E., beginning new measurement.
	Over nearly level to rolling land.

Dependent Resurvey of a Portion of the Subdivisional Lines,
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
40.04	The cor. of secs. 14, 15, 22, and 23.
	<hr/> From the cor. of secs. 15, 16, and 22 only. N. 6°29' E., bet. secs. 15 and 16. Over rolling and broken land.
13.76	Center of Navajo Route 7, asphalt pavement, 38 lks. wide, bears ENE and WSW.
19.62	Point for the S 1/16 sec. cor. of secs. 15 and 16. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T5N R10W S 1/16 S16 S15 1992 </div> Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
21.70	S. bank of Chinle Wash, bears WNW.
27.50	N. bank of Chinle Wash, bears WSW.
39.24	Point for the 1/4 sec. cor. of secs. 15 and 16, at proportionate dist.; there is no remaining evidence of the 1940 cor. This position is identical with that of the position indicated by the control survey performed by Limbaugh Engineers Inc. in 1962. Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in sandstone bedrock, with top mkd. <div style="text-align: center;"> T5N R10W 1/4 S16 S15 1992 </div>

Dependent Resurvey of a Portion of the Subdivisional Lines,
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p> <p>Raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of the cor.</p> <p>From this cor. point, a brass disk, 2 1/2 ins. diam., cemented in sandstone bedrock, with top mkd. CHINLE NO. 35A 1962, bears N. 88°21' E., 26.98 chs. dist., established by Limbaugh Engineers Inc.</p> <hr/> <p>N. 0°44' W., beginning new measurement.</p> <p>Over rolling land.</p>
16.00	Wash, 38 lks. wide, 1 ft. deep, drains WSW.
20.58	<p>Point for the N 1/16 sec. cor. of secs. 15 and 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W N 1/16 S16 S15 1992</p>
41.16	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>The cor. of secs. 9, 10, 15, and 16, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, and witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the W., with brass cap mkd. T5N R10W S9 S10 S15 S16 1933, now serving as the cor. of secs. 10, 15, and 16 only.</p> <p>Remark the brass cap to read</p> <p style="text-align: center;">T5N R10W S10 ———— S16 S15 1992 1940</p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>N. 89°56' E., bet. secs. 10 and 15.</p>
	<p>Over rolling and broken land.</p>
39.68	<p>The 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, and witnessed by a mound of stone, 3 ft. base, 1 ft. high, to the N., with brass cap mkd. 1/4 S10 S15 1940. Add the marks T5N R10W 1992 to the brass cap.</p> <hr/>
	<p>N. 89°59' E., beginning new measurement.</p>
	<p>Over rolling land.</p>
15.89	<p>W. right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.</p>
17.59	<p>Center of Navajo Route 64, asphalt pavement, 53 lks. wide, bears NNE and SSW.</p>
19.32	<p>E. right-of-way fence of Navajo Route 64, barbed wire, 5 strands, parallels highway.</p>
39.94	<p>The cor. of secs. 10, 11, 14, and 15.</p> <hr/>
	<p>From the cor. of secs. 10, 15, and 16 only.</p>
	<p>N. 0°43' E., on the W. bdy. of sec. 10.</p>
	<p>Over rolling land.</p>
40.90	<p>The 1/4 sec. cor. of secs. 9 and 10, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, and witnessed by a mound of stone, 4 ft. base, 1 ft. high, to the W., with brass cap mkd. 1/4 S9 S10 1940, now serving as the west 1/4 sec. cor. of sec. 10 only.</p>
	<p>Remark the brass cap to read</p>
	<p style="text-align: right;"> T5N R10W 1/4 S10 1992 1940 </p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
 T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS						
	<p>N. 0°42' W., beginning new measurement.</p> <p>Over rolling land.</p>					
17.20	<p>Navajo Route 8086, a graded road, 38 lks. wide, bears SE and NW.</p>					
37.91	<p>The cor. of secs. 3, 4, 9, and 10, monumented with an iron post, 2 ins. diam., firmly set in a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. T5N R10W S3 S4 S9 S10 1940, now serving as the cor. of secs. 3 and 10 only.</p>					
	<p>Remark the brass cap to read</p> <div style="text-align: center; margin-left: 300px;"> <table border="0"> <tr><td style="border-right: 1px solid black; padding-right: 5px;">T5N R10W</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">S3</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">S10</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">1992</td></tr> <tr><td style="border-right: 1px solid black; padding-right: 5px;">1940</td></tr> </table> </div> <p>Cor. is located 1.50 chs. S. of Slim Wash, 76 lks. wide, 20 ft. deep, drains W.</p> <hr/>	T5N R10W	S3	S10	1992	1940
T5N R10W						
S3						
S10						
1992						
1940						
41.75	<p>N. 87°21' E., bet. secs. 3 and 10.</p> <p>Over rolling and broken land.</p> <p>The 1/4 sec. cor. of secs. 3 and 10, monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above a mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. 1/4 S3 S10 1940. Add the marks T5N R10W 1992 to the brass cap.</p> <hr style="width: 20%; margin: 10px auto;"/>					
38.55	<p>N. 88°10' E., beginning new measurement.</p> <p>Over rolling and broken land.</p> <p>The cor. of secs. 2, 3, 10, and 11.</p> <hr/>					

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>Restoring the survey executed by E. N. Darling, in 1869</p> <hr/> <p>From the cor. of secs. 3 and 10 only.</p> <p>N. 2°12' E., on the W. bdy. of sec. 3.</p> <p>Over rolling and broken land.</p>
20.40	SE rim of a canyon, bears ENE and WSW.
27.00	NW rim of same canyon, bears NE and SW.
41.76	<p>Point for the west 1/4 sec. cor. of sec. 3 only, formally the 1/4 sec. cor. of secs. 3 and 4, 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., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p> T5N R10W</p> <p> 1/4</p> <p> S 3</p> <p> 1992</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
83.68	The northwest cor. of sec. 3 only, on the N. bdy. of the Tp., hereinbefore described.
	<p>NOTE: The north and south boundaries of sec. 16 were reestablished at record bearings and distances due to extensive retracement of controlling section lines without recovery of original corners around the developed area of Chile Community.</p> <p>From the cor. of secs. 15, 16, and 22 only.</p> <p>N. 89°55' W., on record bearing on the S. bdy. of sec. 16.</p> <p>Over rolling land.</p>
7.20	Graded road, 45 lks. wide, bears ESE and WNW.
19.50	Intersect the E. side of a wood frame house, 20 x 20 ft., a side bears N. and S., the NE cor. bears North, 6 1/2 lks. dist.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
20.025	<p>Point for the E 1/16 sec. cor. of sec. 16 only on the S. bdy. of sec. 16.</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> <p style="text-align: center;">T5N R10W E 1/16 S16 ----- 1992</p> <p>from which</p> <p style="padding-left: 40px;">SE cor. of concrete foundation for a wood frame house, bears S. 34 3/4° W., 38 lks. dist.</p> <p style="padding-left: 40px;">NE cor. of the same concrete foundation, bears N. 32 3/4° W., 35 lks. dist.</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>Cor. is located in a graded driveway between two buildings.</p>
36.46	<p>Intersect the E. side of a concrete masonry school building, 90 x 50 ft., long side bears E. and W., the SE cor. bears South, 96 lks. dist.</p>
40.05	<p>Point for the south 1/4 sec. cor. of sec. 16 only, formally the 1/4 sec. cor. of secs. 16 and 21, at record 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., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W 1/4 S16 ----- 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>From this cor. point, a Bureau of Indian Affairs administrative cor., bears N. 32°25' W., 10.55 chs. dist., monumented with an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above ground, with iron cap mkd. PC17, located alongside cor. of barbed wire fences, extending S. and WNW.</p> <p>From this same cor. point, a brass disk, 2 1/2 ins. diam., cemented in a sandstone outcrop, bears N. 14°30' W., 16.98 chs. dist., with top mkd. USIS STA-A, 1.</p> <p>Cor. is located inside a school complex, alongside a chainlink fence, bears N. and S.</p>
45.58	Center of Navajo Route 27, asphalt pavement, 30 lks. wide, bears N. and S.
72.30	Graded airstrip, 83 lks. wide, bears N. and S.
80.10	<p>Point for the southwest cor. of sec. 16 only, formally the cor. of secs. 16, 17, 20 and 21, at record 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; border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>T5N R10W S16</p> </div> <p>1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
19.975	<p>From the cor. of secs. 10, 15, and 16 only.</p> <p>N. 89°53' W., on record bearing on the N. bdy. of sec. 16.</p> <p>Over rolling land.</p> <p>Point for the E 1/16 sec. cor. of sec. 16 only, on the N. bdy. of sec. 16.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">E 1/16 S16 T5N R10W 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
39.95	<p>Point for the north 1/4 sec. cor. of sec. 16 only, formally the 1/4 sec. cor. of secs. 9 and 16, at record dist.; there no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">1/4 S16 T5N R10W 1992</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>From this cor. point, a brass disk, 2 1/2 ins. diam., set in a concrete slab, firmly set, flush with the surface of the ground, with top mkd. CHINLE NO. 29 1962,, bears S. 26°45' W., 6.68 chs. dist., established by Limbaugh Engineers Inc.</p>
58.10	<p>E. bank of Chinle Wash, bears SSE and NNW.</p> <p>Thence across bed of Chinle Wash.</p>
79.90	<p>Point for the northwest cor. of sec. 16 only, formally the cor. of secs. 8, 9, 16 and 17, at record dist.; there is no remaining evidence of the original cor.; falls in Chinle Wash, where it is impracticable to construct a permanent monument.</p> <hr style="width: 100%; margin-top: 10px;"/> <p>From the southwest cor. of sec. 16 only.</p> <p>N. 2°55' E., on the W. bdy. of sec. 16.</p> <p>Over nearly level land.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
33.74	Center of Navajo Route 7, 33 lks. wide, asphalt pavement, bears ESE and WNW.
40.15	Point for the west 1/4 sec. cor. of sec. 16 only, formally the 1/4 sec. cor. of secs. 16 and 17, 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., 8 ins. below the surface of the ground, with brass cap mkd.
	T5N R10W 1/4 S16 1992
	from which
	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 44°58' E., 225.0 ft. dist., with brass cap mkd. T5N R10W 1/4 S16 RM 225.0 FT TO COR 1992 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>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°00' E., 200.0 ft. dist., with brass cap mkd. T5N R10W 1/4 S16 RM 200.0 FT TO COR 1992 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>
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
	Cor. is located in a cultivated field, 21 lks. W. of barbed wire fence, 4 strands, bears N. and S.
44.16	Barbed wire fence, 4 strands, bears E. and W.
44.50	Graded road, 30 lks. wide, bears E. and W.
75.80	Point selected for the witness cor. to the northwest cor. of sec. 16 only.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> </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>77.30 W. bank of Chinle Wash, bears SSE and NNW.</p> <p>80.30 True point for the northwest cor. of sec. 16 only.</p> <hr/> <p style="text-align: center;">Completion Survey of a Portion of the Subdivisional Lines, T. 5 N., R. 10 W., Navajo Special Meridian, Arizona</p> <hr/> <p>From the AP for secs. 14 and 23, hereinbefore described.</p> <p>S. 84°35' E., bet. secs. 14 and 23.</p> <p>Over level land in Canyon de Chelly.</p> <p>20.385 The cor. of secs. 13, 14, 23, and 24, hereinbefore described.</p> <hr/> <p style="text-align: center;">Survey of the Subdivision of Section 16, T. 5 N., R. 10 W., Navajo Special Meridian, Arizona</p> <hr/> <p>From the south 1/4 sec. cor. of sec. 16 only, hereinbefore described.</p> <p>N. 2°51' E., on the N. and S. center line of sec. 16.</p>
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Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	<p>Over rolling and broken land.</p> <p>4.55 Center of Navajo Route 7, asphalt pavement, 33 lks. wide, bears SE in curve to left.</p> <p>5.12 A rebar, 5/8 in. diam., bears West, 1.51 chs. dist., firmly set, flush with the surface of the ground, witnessed by a wooden stake nearby, mkd. PC 12+43.</p> <p>5.86 A rebar, 5/8 in. diam., bears West, 0.90 ch. dist., firmly set, flush with the surface of the ground, witnessed by a wooden stake nearby, mkd. PC 12+43.</p> <p>17.10 Woven wire fence, bears SE and NW, on SW side of Bureau of Indian Affairs housing area.</p> <p>19.805 Point for the C-S 1/16 sec. cor. of sec. 16.</p> <p style="padding-left: 40px;">Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, in a drill hole, cemented in place, in concrete sidewalk, with top mkd.</p> <div style="text-align: center; padding-left: 100px;"> <p>T5N R10W</p> <p>C</p> <p>S 1/16 S16</p> <p>C</p> <p>1992</p> </div> <p>from which</p> <p style="padding-left: 40px;">The southernmost cor. of stucco house, 60 x 24 ft., bears S. 89 1/4° E., 1.945 chs. dist., mkd. 53, long side bears NW.</p> <p style="padding-left: 40px;">The westernmost cor. of a maintenance building, 104 x 22 ft., bears S. 19 1/4° E., 1.98 chs. dist., long side bears NE.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 9°38' E., 196.8 ft. dist., with brass cap mkd. T5N R10W C-S 1/16 S16 RM 196.8 FT TO COR 1992 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>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case in the drill hole beneath the brass tablet.</p>
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Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>Cor. is located 51 lks. S. and 42 lks. W. of a street, asphalt pavement, 48 lks. wide, bears SE and NW.</p>
29.708	<p>Point for the C-N-S 1/64 sec. cor. of sec. 16.</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;">T5N R10W S16 C-N-S 1/64 1992</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>From this cor. point, a rebar, 5/8 in. diam., firmly set, flush with the surface of the ground, bears N. 86° E., 0.25 ch. dist., witnessed by a steel fence post nearby; shown as P.C. #9 (SW cor. of Presbyterian Church Prop.) on Bureau of Indian Affairs plat entitled "PROPERTY PLAN CHINLE SUB-AGENCY AND BOARDING SCHOOL" dated 11/9/64. There is no evidence to show that the section was ever subdivided to establish this monument.</p>
	<p>From this same cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 14 ins. above ground, bears N. 88 1/2° E., 0.405 ch. dist., with iron cap mkd. WC 9 10.42'W; shown as W.C. #9 on Bureau of Indian Affairs plat entitled "PROPERTY PLAN CHINLE SUB-AGENCY AND BOARDING SCHOOL" dated 11/9/64.</p>
34.659	<p>Point for the C-N-N-S 1/256 sec. cor. of sec. 16.</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;">T5N R10W S16 C-N-N-S 1/256 1992</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	<p>From this cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 5 ins. above ground, bears N. 26° E., 0.74 ch. dist., with unmarked iron cap, and located under barbed wire fence, bears N. and S.; shown as P.C. #8.1 on Bureau of Indian Affairs plat entitled "PROPERTY PLAN CHINLE SUB-AGENCY AND BOARDING SCHOOL" dated 11/9/64.</p> <p>From this same cor. point, a concrete post, 12 ins. diam., firmly set, projecting 9 ins. above ground, bears S. 24 1/2° E., 0.605 ch. dist., with top mkd. 40 FT C.1. GC and an arrow pointing south, and located under barbed wire fence, bears N. and S.</p> <p>35.36 Woven wire fence on S. side of residential area, bears E. and W.</p> <p>39.16 Center of an iron cover for concrete manhole, 30 ins. diam., bears West, 2 lks. dist., projecting 20 ins. above ground.</p> <p>39.61 Point for the center 1/4 sec. cor. of sec. 16, at intersection with the E. and W. center line of the sec.</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> <p style="text-align: center;">T5N R10W C 1/4 S16 1992</p> <p>from which</p> <p style="padding-left: 40px;">A power pole, bears S. 17 1/2° W., 31 1/2 lks. dist., mkd. 25 B23.</p> <p style="padding-left: 40px;">SE cor. of a wood frame house, 50 x 30 ft., bears N. 88 1/2° W., 72 1/2 lks. dist., long side bears NNE.</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>From this cor. point, an iron pipe, 2 ins. diam., firmly set, projecting 9 ins. above ground, bears N. 10°47' E., 2.46 chs. dist., with iron cap mkd. PC 8; and shown as P.C. #8 on Bureau of Indian Affairs plat entitled "PROPERTY PLOT PLAN CHINLE AGENCY BOUNDARIES" dated 12-30-59.</p> <p>59.94 Point for the C-N 1/16 sec. cor. of sec. 16.</p>
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Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<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;">T5N R10W C N 1/16 S16 C 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
62.50	SW bank of Chinle Wash, bears SE and NW.
67.70	NE bank of Chinle Wash, bears SE and NW.
80.27	The north 1/4 sec. cor. of sec. 16 only, hereinbefore described.
	<hr/> <p>From the 1/4 sec. cor. of secs. 15 and 16, hereinbefore described.</p> <p>N. 89°09' W., on the E. and W. center line of sec. 16.</p> <p>Over rolling land.</p>
13.282	<p>Point for the C-E-W-E-E 1/1024 sec. cor. of sec. 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W 1/1024 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p>
15.938	<p>Point for the C-W-E-E 1/256 sec. cor. of sec. 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W S16 C-W-E-E 1/256 1992</p>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
19.20	E. bank of Chinle Wash, bears SSE and NNW.
21.25	Point for the C-E 1/16 sec. cor. of sec. 16; falls in Chinle Wash, drains NNW. Not monumented.
24.40	W. bank of Chinle Wash, bears SSE and NNW.
30.67	Intersect the E. side of a stone house, 54 x 25 ft., the SE cor. bears SSE, 15 lks. dist., long side bears SSE and NNW.
31.875	Point for the C-W-E 1/64 sec. cor. of sec. 16.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T5N R10W S16 C-W-E 1/64 1992
	Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.
34.70	Graded road, 38 lks. wide, bears SSE and NNW.
42.50	The center 1/4 sec. cor. of sec. 16.
79.70	Graded road, 30 lks. wide, bears N. and S.
82.48	The west 1/4 sec. cor. of sec. 16 only, hereinbefore described.
	<hr/> NE 1/4 of Section 16 <hr/> From the point for the C-E 1/16 sec. cor. of sec. 16. N. 1°03' E., on the N. and S. center line of the NE 1/4 of sec. 16. Over nearly level land.
5.11	Point for the C-S-S-NE 1/256 sec. cor. of sec. 16.

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<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>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 64°59' E., 300.0 ft. dist., with brass cap mkd. T5N R10W C-S-S-NE 1/256 S16 RM 300.0 FT TO COR 1992 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>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears S. 45°00' E., 300.0 ft. dist., with brass cap mkd. T5N R10W C-S-S-NE 1/256 S16 RM 300.0 FT TO COR 1992 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>Cor. is located in Chinle Wash, drains NNW.</p>
7.665	<p>Point for the C-N-S-S-NE 1/1024 sec. cor. of sec. 16.</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>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 45°00' E., 250.0 ft. dist., with brass cap mkd. T5N R10W 1/1024 RM 250.0 FT TO COR 1992 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>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears East, 250.0 ft. dist., with brass cap mkd. T5N R10W 1/1024 RM 250.0 FT TO COR 1992 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>Cor. is located in Chinle Wash, drains NNW.</p>
16.40	NE bank of Chinle Wash, bears SSE and NNW.
20.44	Point for the NE 1/16 sec. cor. of sec. 16, at intersection with the E. and W. center line of the NE 1/4 of the sec.

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<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> <p style="text-align: center;">T5N R10W NE 1/16 S16 1992</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 over rolling land.</p>
40.89	<p>The E 1/16 sec. cor. of sec. 16 only, on the N. bdy. of sec. 16, hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the N 1/16 sec. cor. of secs. 15 and 16, hereinbefore described.</p> <p>N. 89°30' W., on the E. and W. center line of the NE 1/4 of sec. 16.</p> <p>Over rolling land.</p>
20.612	<p>The NE 1/16 sec. cor. of sec. 16.</p>
22.40	<p>NE bank of Chinle Wash, bears SSE and NNW.</p>
39.70	<p>SW bank of Chinle Wash, bears SE and NW.</p>
41.225	<p>The C-N 1/16 sec. cor. of sec. 16.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the C-W-E-E 1/256 sec. cor. of sec. 16.</p> <p>N. 0°36' E., on the N. and S. center line of the SW 1/4 of the SE 1/4 of the NE 1/4 of sec. 16.</p> <p>Over nearly level land.</p>
5.122	<p>Point for the SW-SE-NE 1/256 sec. cor. of sec. 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
5.272	<p style="text-align: center;">T5N R10W S16 SW-SE-NE 1/256 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr/> <p>N. 89°14' W., beginning new measurement, on the E. and W. center line of the SW 1/4 of the SE 1/4 of the NE 1/4 of sec. 16.</p> <p>Over nearly level land.</p> <p>The C-S-S-NE 1/256 sec. cor. of sec. 16.</p>
7.649	<p>From the C-W-E 1/64 sec. cor. of sec. 16.</p> <p>N. 1°57' E., on the N. and S. center line of the SW 1/4 of the NE 1/4 of sec. 16.</p> <p>Over nearly level land.</p> <p>Point for the C-N-S-SW-NE 1/1024 sec. cor. of sec. 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
10.504	<p style="text-align: center;">T5N R10W 1/1024 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr/> <p>S. 89°17' E., beginning new measurement, on the E. and W. center line of the N 1/2 of the SE 1/4 of the SW 1/4 of the NE 1/4 of sec. 16.</p> <p>Over nearly level land over Chinle Wash.</p> <p>The C-N-S-S-NE 1/1024 sec. cor. of sec. 16.</p>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>SE 1/4 of Section 16</p> <hr style="width: 20%; margin: auto;"/>
	<p>From the E 1/16 sec. cor. of sec. 16 only, on the S. bdy. of sec. 16, hereinbefore described.</p> <p>N. 4°39' E., on the N. and S. center line of the SE 1/4 of sec. 16.</p> <p>Over rolling land.</p>
3.36	Center of Navajo Route 7, 38 lks. wide, asphalt pavement, bears E. and W.
4.20	Power line, bears E. and W.
9.68	A Bureau of Indian Affairs administrative cor., bears East, 1.82 chs. dist., monumented with an pipe, 2 ins. diam., firmly set, cemented in place, projecting 12 ins. above ground, with iron cap mkd. 6 FT SOUTH and an arrow pointing south.
19.70	<p>Point for the SE 1/16 sec. cor. of sec. 16, at intersection with E. and W. center line of the SE 1/4 of sec. 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W SE 1/16 S16 1992</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>From this cor. point, a Bureau of Indian Affairs administrative cor., bears S. 26° W., 0.245 ch. dist., monumented with a rebar, 3/8 in. diam., firmly set, flush with the surface of the ground, witnessed by an iron pipe, 2 ins. diam., firmly set, projecting 11 ins. above ground, N. 6 1/2° W., 3 lks. dist., with iron cap mkd. 2' WC12 and an arrow pointing south.</p>
29.555	<p>Point for the C-N-SE 1/64 sec. cor. of sec. 16.</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>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T5N R10W S16 C-N-SE 1/64 1992</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>From this cor. point, a Bureau of Indian Affairs administrative cor., bears S. 78 1/2° W., 0.72 ch. dist., monumented with an iron pipe, 2 ins. diam., firmly set, projecting 12 ins. above ground, with iron cap mkd. PC 10.</p>
39.41	<p>The point for the C-E 1/16 sec. cor. of sec. 16.</p> <hr/>
	<p>From the S 1/16 sec. cor. of secs. 15 and 16, hereinbefore described.</p> <p>N. 89°31' W., on the E. and W. center line of the SE 1/4 of sec. 16.</p> <p>Over rolling land.</p>
20.64	<p>The SE 1/16 sec. cor. of sec. 16.</p>
21.20	<p>Graded road, 30 lks. wide, bears N. and S.</p>
41.28	<p>The C-S 1/16 sec. cor. of sec. 16.</p> <hr/>
	<p>From the C-N-SE 1/64 sec. cor. of sec. 16.</p> <p>S. 89°20' E., on the E. and W. center line of the NE 1/4 of the SE 1/4 of sec. 16.</p> <p>Over nearly level floodplain and Chinle Wash.</p>
7.853	<p>Point for the C-E-W-NE-SE 1/1024 sec. cor. of sec. 16.</p> <p>Set a magnet in a 1 x 1 x 2 5/8 ins. white plastic case, 48 ins. below the surface of the ground. Impracticable to establish reference monuments within limits.</p> <p>Cor. is located in Chinle Wash, drains NW.</p> <hr/>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
	<p>N. 5°20' E., beginning new measurement, on the N. and S. center line of the E 1/2 of the NW 1/4 of the NE 1/4 of the SE 1/4 of sec. 16.</p>
	<p>Over bed of Chinle Wash.</p>
2.50	<p>Point selected for a witness point.</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>
	<p style="text-align: center;">WP T5N R10W S 16 1992</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>Cor. is located on the NE bank of Chinle Wash, bears SE and NW.</p>
9.838	<p>The C-E-W-E-E 1/1024 sec. cor. of sec. 16.</p>
	<p>From the C-N-SE 1/64 sec. cor. of sec. 16.</p>
	<p>N. 89°20' W., on the E. and W. center line of the NW 1/4 of the SE 1/4 of sec. 16.</p>
	<p>Over rolling land.</p>
7.35	<p>SE cor. of wood framed Presbyterian church, 75 x 30 ft., bears North, 2.52 chs. dist., long side bears NNE.</p>
20.945	<p>The C-N-S 1/64 sec. cor. of sec. 16.</p>
	<p>From the C-N-N-S 1/256 sec. cor. of sec. 16.</p>
	<p>S. 89°15' E., on the E. and W. center line of the NW 1/4 of the NW 1/4 of the SE 1/4 of sec. 16.</p>

Survey of the Subdivision of Section 16,
T. 5 N., R. 10 W., Navajo Special Meridian, Arizona

CHAINS	
10.545	<p>Over rolling land.</p> <p>Point for the C-N-NW-SE 1/256 sec. cor. of sec. 16.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T5N R10W S16 C-N-NW-SE 1/256 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <hr/> <p>N. 3°45' E., beginning new measurement, on the N. and S. center line of the NW 1/4 of the SE 1/4 of sec. 16.</p> <p>Over gently rolling land.</p>
4.944	<p>The C-W-E 1/64 sec. cor. of sec. 16.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <hr/> <p>The area resurveyed is mainly located in Chinle, Arizona and Canyon de Chelly National Monument. The terrain is mostly broken with canyons in the east, transitioning to rolling and nearly level land in the western portion. The main drainage is Chinle Wash, which drains northwesterly. The elevation varies from 5,500 to 6,200 feet above sea level. The soil is mostly gravelly and sandy clay with sandstone outcrops. Juniper, piñon and cottonwood are scattered throughout the township; with scattered native grasses, greasewood, rabbitbrush, and cacti.</p> <p>Principal access to the township is provided by Navajo Route 7, which enters the township in section 16 and exits in section 25, with Navajo Route 64 branching off in section 15 and exiting in section 12. From these there are graded roads and trail roads branching off to scattered permanent residences. There is no evidence of any kind of mining activity.</p> <p>The mean magnetic declination is 12 1/2° E.</p> <hr/>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Daniel Bryan	Engineering Technician
Wilfred Chee	Engineering Technician

CERTIFICATE OF SURVEY

I, Leonard R. Sandoval, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 22nd day of November, 1989, and the supplemental special instructions bearing date of the 6th day of January, 1992, I have dependently resurveyed portions of the north boundary, (First Standard Parallel North, east boundary and subdivisional lines, and completed the survey of a portion of the subdivisional lines and the subdivision of section 16, of Township 5 North, Range 10 West, of the Navajo Special 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, supplemental special instructions, and 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.

AUG 2 1994

(Date)

Leonard R. Sandoval
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependently resurvey of portions of the north boundary, (First Standard Parallel North), east boundary and subdivisional lines, the completion survey of a portion of the subdivisional lines, and the survey of the subdivision of section 16, of Township 5 North, Range 10 West, Navajo Special Meridian, Arizona, executed by Leonard R. Sandoval, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

AUG 16 1994

(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. 5 N., R. 10 W., Navajo Special Meridian, Arizona, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor of Arizona)