

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE ORIGINAL
1875 SURVEY OF THE WESTERN BOUNDARY OF NEW MEXICO TERRITORY
AND THE DEPENDENT RESURVEY OF
THE 1904 SURVEY BETWEEN THE 136th and 149th MILE CORNERS,

TOWNSHIPS 17, 18 AND 19 NORTH, RANGE 31 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated January 12, 1987, approved February 23, 1987 and Supplemental Special Instructions dated March 21, 2008, approved March 21, 2008, which provided for the surveys included under Group No. 687, and assignment instructions dated March 21, 2008.

Survey commenced March 26, 2008

Survey completed April 16, 2008

INDEX DIAGRAM

DEPENDENT RESURVEY OF A PORTION OF THE ORIGINAL 1875 SURVEY OF THE WESTERN BOUNDARY OF NEW MEXICO TERRITORY AND THE DEPENDENT RESURVEY OF THE 1904 SURVEY BETWEEN THE 136TH AND 149TH MILE CORNERS, **TOWNSHIPS 17, 18 AND 19 NORTH, RANGE 31 EAST**, OF THE GILA AND SALT RIVER MERIDIAN, IN THE STATE OF ARIZONA.

1875 Survey

MP 136		
AP 1		6
AP 2		
		7
AP 3		
		9
AP 4		10
AP 5		12
AP 6		13
AP 7		14
AP 8		15
AP 9		16
AP 10		
AP 11		18
AP 12		
MP 149		

1904 Survey

MP 136		19
MP 137		21
MP 138		21
MP 139		22
MP 140		23
MP 141		24
MP 142		25
MP 143		26
MP 144		27
MP 145		28
MP 146		30
MP 147		31
MP 148		31
MP 149		

**Townships 17, 18 and 19 North, Range 31 East,
Gila and Salt River Meridian, Arizona**

CHAINS

The following field notes describe the dependent resurvey of a portion of the original 1875 survey of the Western Boundary of New Mexico Territory and the dependent resurvey of the 1904 survey between the 136th and 149th mile corners, Townships 17, 18 and 19 North, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona.

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

Chandler Robbins, U.S. Surveyor and Astronomer, surveyed the Western Boundary of New Mexico Territory, in 1875. Henry A. Coe, U.S. Deputy Surveyor, dependently resurveyed (retraced) a portion of the boundary line between Arizona and New Mexico, Townships 17 and 18 North, Range 31 East, Gila and Salt River Meridian, Arizona, in 1882. O.D. Wheeler, U.S. Deputy Surveyor, retraced a portion of the boundary line between Arizona and New Mexico, Township 17 North, Range 31 East, Gila and Salt River Meridian, Arizona, in 1883. W. W. Jones, U.S. Deputy Surveyor, performed a survey titled "West Boundary of Zuni Indian Reservation, being a portion of boundary between Arizona and New Mexico", between the 136th and 149th mile corners, in 1904. R.A. Farmer, Topographer, resurveyed the 1904 survey titled "West Boundary of Zuni Indian Reservation being a portion of boundary between Arizona and New Mexico", between the 136th and 148th mile corners, in 1911. R.A. Farmer, Topographer, surveyed the subdivision of fractional Township 9 North, Range 21 West, New Mexico Meridian, New Mexico, in 1911, and surveyed the section lines and subdivisional 1/16 and center lines in fractional Township 8 North, Range 21 West, New Mexico Meridian, New Mexico, in 1912.

Gary D. Knoff, Paul L. Reeves and Joe R. Salazar, Cadastral Surveyors, resurveyed portions of the survey lines under Special Instructions dated January 12, 1987, approved February 23, 1987, and Supplemental Special Instructions dated February 29, 1988, approved February 29, 1988, which provided for the surveys included under Group No. 687, and assignment instructions dated August 24, 1988, August 1, 1989 and February 16, 1993. Legal questions created delays and these surveys are still in progress. These surveys are the source of the 1991 cap markings and bearing trees reported in these field notes.

The purpose of this dependent resurvey is to identify boundaries of the hiatus between the original 1875 survey of the Western Boundary of New Mexico Territory and the 1904 survey between the 136th mile corner and the 149th mile corner, which are common to both surveys.

In 1875, Chandler Robbins, U.S. Surveyor and Astronomer, surveyed the Western Boundary of New Mexico Territory.

**Townships 17, 18 and 19 North, Range 31 East,
Gila and Salt River Meridian, Arizona**

CHAINS

In 1882 and 1883, U.S. Deputy Surveyor's Henry A. Coe and O.D. Wheeler, dependently resurveyed portions of the 1875 survey of the Western Boundary of New Mexico Territory.

In 1904 the Surveyor General of the Territory of New Mexico directed W.W. Jones, U.S. Deputy Surveyor to resurvey and reestablish the western boundary of the Zuni Indian Reservation between mile corners 136 and 148. The special instructions for this resurvey indicated that if any of the original corners were recovered, and were found to be out of alignment and measurement, they were to be destroyed and new corners were to be established in their "proper locations." W.W. Jones recovered the original stones for mile corners 136 through 141, and for mile corner 149. He then held the positions for the 136th mile corner and the 149th mile corner, proportioning in the positions of the intervening mile corners, making ties to the original stones for mile corners 137 through 141. Because the surveys of Townships 17, 18 and 19 North, Range 31 East, Gila and Salt River Meridian, Arizona performed in 1882 closed on the original 1875 survey the 1904 survey created a hiatus west of that survey. This survey was performed to reestablish the original 1875 survey of the Western Boundary of New Mexico Territory and designate the unsurveyed areas west of the 1904 survey on the Zuni Indian Reservation as Tracts of the Gila and Salt River Meridian.

The positions for the original 1875 mile corners 137 through 141 of the Western Boundary of New Mexico Territory were determined using the 1904 tie information. Positions for the original 1875 mile corners 142 through 148 of the Western Boundary of New Mexico Territory were determined by proportionate measurement, using the irregular boundary method, with the information from the 1882 and 1883 resurveys.

The positions for the original 1875 mile corners 138 through 145 and mile corner 148 of the Western Boundary of New Mexico Territory were monumented and designated as angle points. Three points of intersections of the 1875 and 1904 surveys, one on the 137th mile, one on the 146th mile and one on the 148th mile, were monumented and also designated as angle points. No monuments were set at the 1875 positions for the 137th, 146th or 147th mile corners east of the 1904 survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Supplemental Special Instructions dated March 21, 2008, for Group No. 687, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic, and fast static global positioning system observations using Trimble Navigation 5800 model receivers.

**Townships 17, 18 and 19 North, Range 31 East,
Gila and Salt River Meridian, Arizona**

CHAINS

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

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) PIE1 PIETOWN CORS ARP, NMGR GRANTS NMDOT CORS ARP and ZAB1 ALBUQUERQUE 1 CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002.0000), geographic position of the 136 Mile corner, Arizona and New Mexico Boundary Line, is as follows:

Latitude: 35°01'52.49" N. Longitude: 109°02'45.57" W.

The mean magnetic declination is 11 1/2° E.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

Restoring a portion of the survey executed by
Chandler Robbins in 1875

Beginning at Angle Point No. 1, determined at the intersection of the 138th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory and between the 137th and 138th mile corners of the 1904 survey between the 136th and 149th mile corners.

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

T 19 N		
R 31 E		
AP1		
NAVAJO		ZUNI
1875		
SURVEY		

2008

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

Set a steel fence post near the cor.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS										
	<p>This cor. falls in a barbed wire fence, 4 strand, bears N. and S.</p> <p>From this cor. point, the 137th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, bears N. 0°32' E., 1.25 chs. dist., determined by the record tie described in the 1904 survey between the 136th and 149th mile corners. Not monumented.</p> <p>From this same cor. point, the 137th mile corner of the 1904 survey between the 136th and 149th mile corners, bears North, 68 lks. dist., hereinafter described.</p> <p>From this same cor. point, the 138th mile corner of the 1904 survey between the 136th and 149th mile corners, bears South, 79.20 chs. dist., hereinafter described.</p> <p>S. 0°32' W., along the 138th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>									
38.06	<p>Point for Witness Point No. 1.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>1875 SURVEY</p> <p>WP1</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T 19 N</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">ZUNI</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">R 31 E</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">NAVAJO</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;"></td> </tr> </table> <p>2008</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 35 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p>	T 19 N		ZUNI	R 31 E			NAVAJO		
T 19 N		ZUNI								
R 31 E										
NAVAJO										
78.375	<p>The 138th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by the record tie described in the 1904 survey between the 136th and 149th mile corners. This point is now designated as Angle Point No. 2.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p>									

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	
	1875 SURVEY T 19 N R 31 E AP2 ZUNI NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 73 lks. W. of a barbed wire fence, 4 strand, bears N. and S. From this cor., the 138th mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. 41°25' E., 1.10 chs. dist., hereinafter described.
	<hr/> S. 0°12' E., on the 139th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory. Over rolling terrain, through moderate juniper and some piñon pine.
28.95	Point for Witness Point No. 2. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	1875 SURVEY WP2 T 19 N R 31 E ZUNI NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 62 lks. W. of a barbed wire fence, 4 strand, bears N. and S. Enter broken rolling land, descend.
56.00	Wash, 8 ft. wide, 2 ft. deep, drains ENE.
59.00	Top of spur, bears ENE.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	
60.50	Wash, 1.5 ft. wide, 1 ft. deep, drains ENE.
61.50	Top of spur, bears E.
67.61	Point for Witness Point No. 3. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> 1875 SURVEY WP3 T 18 N R 31 E ZUNI NAVAJO </div> <div style="text-align: center;">2008</div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 50 lks. W. of a barbed wire fence, 4 strand, bears N. and S.
80.65	The 139th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by the record tie described in the 1904 survey between the 136th and 149th mile corners. This point is now designated as Angle Point No. 3. At the corner point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> 1875 SURVEY T 18 N R 31 E ZUNI AP3 NAVAJO </div> <div style="text-align: center;">2008</div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 45 lks. W. of a barbed wire fence, 4 strand, bears N. and S.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS													
	<p>From this cor., the 139th mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. 83°15' E., 45 lks. dist., hereinafter described.</p> <hr/> <p>S. 0°10' E., on the 140th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory.</p> <p>Descend over severely broken land with moderate juniper and some piñon pine.</p>												
27.82	<p>Point for Witness Point No. 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP4</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding-right: 5px;">T 18 N</td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;"></td> </tr> <tr> <td style="padding-right: 5px;">R 31 E</td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;">ZUNI</td> </tr> <tr> <td style="padding-right: 5px;">NAVAJO</td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;"></td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;">1875 SURVEY</td> </tr> </table> <p>2008</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 38 lks. W. of a barbed wire fence, 4 strand, bears N. and S., and on top of a spur, bears SSE.</p>	T 18 N			R 31 E		ZUNI	NAVAJO					1875 SURVEY
T 18 N													
R 31 E		ZUNI											
NAVAJO													
		1875 SURVEY											
68.60	<p>Point for Witness Point No. 5.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>1875 SURVEY</p> <p>WP5</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding-right: 5px;">T 18 N</td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;"></td> </tr> <tr> <td style="padding-right: 5px;">R 31 E</td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;">ZUNI</td> </tr> <tr> <td style="padding-right: 5px;">NAVAJO</td> <td style="border-left: 1px solid black; padding-left: 5px;"> </td> <td style="padding-left: 5px;"></td> </tr> </table> <p>2008</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 27 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p>	T 18 N			R 31 E		ZUNI	NAVAJO					
T 18 N													
R 31 E		ZUNI											
NAVAJO													

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS									
78.395	<p>The 140th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by the record tie described in the 1904 survey between the 136th and 149th mile corners. This point is now designated as Angle Point No. 4.</p> <p>At the corner point</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>1875 SURVEY</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 2px;">T 18 N</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">R 31 E</td> <td style="padding: 2px;">ZUNI</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">AP4</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">NAVAJO</td> <td style="padding: 2px;"></td> </tr> </table> <p>2008</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 24 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p> <p>From this cor., the 140th mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. 8°43' E., 1.54 chs. dist., hereinafter described.</p> <hr style="width: 50%; margin: 10px auto;"/> <p>S. 0°04' W., on the 141st mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory.</p> <p>Descend over severely broken land with moderate juniper and some piñon pine.</p>	T 18 N		R 31 E	ZUNI	AP4		NAVAJO	
T 18 N									
R 31 E	ZUNI								
AP4									
NAVAJO									
5.00	Left bank of wash, 16 ft. wide, 2 ft. deep, bears S. and NW.								
18.50	Right bank of same wash, bears N. and SE.								
25.50	Point for Witness Point No. 6.								
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>1875 SURVEY</p> <p>WP6</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 2px;">T 18 N</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">R 31 E</td> <td style="padding: 2px;">ZUNI</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px;">NAVAJO</td> <td style="padding: 2px;"></td> </tr> </table> <p>2008</p> </div>	T 18 N		R 31 E	ZUNI	NAVAJO			
T 18 N									
R 31 E	ZUNI								
NAVAJO									

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 27 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p>
70.36	<p>Point for Witness Point No. 7.</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> <p style="text-align: center;">1875 SURVEY WP7 T 18 N R 31 E ZUNI NAVAJO </p> <p style="text-align: center;">2008</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 35 lks. W. of a barbed wire fence, 4 strand, bears N. and S., and 39 lks. W. of another barbed wire fence, 4 strand, bears N. and S.</p>
79.915	<p>The 141st mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by the record tie described in the 1904 survey between the 136th and 149th mile corners. This point is now designated as Angle Point No. 5.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">1875 SURVEY T 18 N R 31 E ZUNI AP5 NAVAJO </p> <p style="text-align: center;">2008</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p>

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	<p>The cor. is located 34 lks. W. of a barbed wire fence, 4 strand, bears N. and S., and 37 lks. W. of another barbed wire fence, 4 strand, bears N. and S.</p> <p>From this cor., the 141st mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. 12°53' E., 1.55 chs. dist., hereinafter described.</p> <hr/> <p>S. 0°05' E., on the 142nd mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory.</p> <p>Descend over broken land with moderate juniper and some piñon pine.</p>									
42.50	Enter valley, near level open land.									
43.885	<p>Point for Witness Point No. 8.</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; margin: 10px 0;"> <p>1875 SURVEY</p> <p>WP8</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T 18 N</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">ZUNI</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">R 31 E</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">NAVAJO</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;"></td> </tr> </table> <p>2008</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 30 lks. W. of a barbed wire fence, 4 strand, bears N. and S., and 34 lks. W. of another barbed wire fence, 4 strand, bears N. and S.</p>	T 18 N		ZUNI	R 31 E			NAVAJO		
T 18 N		ZUNI								
R 31 E										
NAVAJO										
79.505	<p>Point for the 142nd mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by irregular boundary adjustment between the 1875 positions of the 141st mile corner and the 149th mile corner, hereinafter described, there is no remaining evidence of the orig. cor. This point is now designated as Angle Point No. 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 28 ins. in the ground, with brass cap mkd.</p>									

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	
	1875 SURVEY T 18 N R 31 E ZUNI AP6 NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 28 lks. W. of a barbed wire fence, 4 strand, bears N. and S., and 30 lks. W. of another barbed wire fence, 4 strand, bears N. and S.
	<hr/> S. 0°03' E., on the 143rd mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory. Over rolling terrain, through moderate juniper and some piñon pine.
38.68	Point for Witness Point No. 9. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	1875 SURVEY WP9 T 18 N R 31 E ZUNI NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 20 lks. W. of a barbed wire fence, 4 strand, bears N. and S.
79.815	Point for the 143rd mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by irregular boundary adjustment between the 1875 positions of the 141st mile corner and the 149th mile corner, hereinafter described, there is no remaining evidence of the orig. cor. This point is now designated as Angle Point No. 7. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	
	1875 SURVEY T 18 N R 31 E ZUNI AP7 NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 14 lks. W. of a barbed wire fence, 4 strand, bears N. and S.
	<hr/> S. 0°01' W., on the 144th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory. Over rolling terrain, through moderate juniper and some piñon pine.
37.92	Point for Witness Point No. 10. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	1875 SURVEY WP10 T 18 N R 31 E ZUNI NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 17 lks. W. of a barbed wire fence, 4 strand, bears N. and S.
56.59	Point for Witness Point No. 11. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	
	1875 SURVEY WP11 T 18 N R 31 E ZUNI NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 17 lks. W. of a barbed wire fence, 4 strand, bears N. and S.
80.915	Point for the 144th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by irregular boundary adjustment between the 1875 positions of the 141st mile corner and the 149th mile corner, hereinafter described, there is no remaining evidence of the orig. cor. This point is now designated as Angle Point No. 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.
	1875 SURVEY T 18 N R 31 E ZUNI AP8 NAVAJO
	2008
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post near the cor. The cor. is located 17 lks. W. of a barbed wire fence, 4 strand, bears N. and S.
36.30	<hr/> S. 0°01' W., on the 145th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory. Over rolling terrain, through moderate juniper and some piñon pine. Point for Witness Point No. 12. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	<p style="text-align: center;">1875 SURVEY WP12 T 18 N R 31 E ZUNI NAVAJO </p> <p style="text-align: center;">2008</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. is located 17 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p> <p>From this cor. point, an iron rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with an alum. cap mkd. ZCRE LA122792 NH435 FN2, bears S. 69°51 E., 5 lks. dist.</p>
80.915	<p>Point for the 145th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by irregular boundary adjustment between the 1875 positions of the 141st mile corner and the 149th mile corner, hereinafter described, there is no remaining evidence of the orig. cor. This point is now designated as Angle Point No. 9.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">1875 SURVEY T 17 N R 31 E ZUNI AP9 NAVAJO </p> <p style="text-align: center;">2008</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>The cor. falls in a 2-track road, 10 ft. wide, bears N. and S.</p> <p>The cor. is located 20 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p> <hr style="width: 50%; margin-left: 0;"/> <p>S. 0°17' E., on the 146th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory.</p> <p>Over rolling terrain, through moderate juniper.</p>

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS

42.59

Intersect the 1904 survey between the 145th and 146th mile corners of the 1904 survey between the 136th and 149th mile corners. This point is designated as Angle Point No. 10.

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

1875
SURVEY \\
T 17 N |
R 31 E |
AP10 | ZUNI

2008

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

Set a steel fence post near the cor.

This cor. falls in a barbed wire fence, 4 strand, bears N. and S.

From this cor. point, the point for the 146th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, bears S. 0°17' E., 37.275 chs. dist., determined by irregular boundary adjustment between the 1875 positions of the 141st mile corner and the 149th mile corner, hereinafter described, there is no remaining evidence of the orig. cor., not monumented.

From this same cor. point, the 145th mile corner of the 1904 survey between the 136th and 149th mile corners, bears N. 0°01' W., 42.655 chs. dist., hereinafter described.

From this same cor. point, the 146th mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. 0°01' E., 37.24 chs. dist., hereinafter described.

From Angle Point No. 11, determined at the point of intersection of the 148th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory and between the 147th and 148th mile corners of the 1904 survey between the 136th and 149th mile corners.

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

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS	
	T 17 N R 31 E AP11 / ZUNI 1875 / SURVEY
	2008
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>This cor. falls in a barbed wire fence, 4 strand, bears N. and S., and 5 lks. S. of an intersecting barbed wire fence, 4 strand, bears W.</p> <p>From this cor. point, the point for the 147th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, bears N. 0°03' E., 64.94 chs. dist., determined by irregular boundary adjustment between the 1875 position of the 141st mile corner and the 149th mile corner, hereinafter described, there is no remaining evidence of the orig. cor., not monumented.</p> <p>From this same cor. point, the 147th mile corner of the 1904 survey between the 136th and 149th mile corners, bears N. 0°02' W., 64.885 chs. dist., hereinafter described.</p> <p>From this same cor. point, the 148th mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. 0°02' E., 15.00 chs. dist., hereinafter described.</p> <p>S. 0°03' W., on the 148th mile of the orig. 1875 survey the Western Boundary of New Mexico Territory.</p>
14.855	<p>Point for the 148th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, determined by irregular boundary adjustment between the 1875 positions of the 141st mile cor. and the 149th mile cor., hereinafter described, there is no remaining evidence of the orig. cor. This point is now designated as Angle Point No. 12.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p>
	1875 SURVEY T 17 N R 31 E ZUNI AP12
	2008

**Dependent Resurvey of a Portion of
the Original 1875 Survey of the
Western Boundary of New Mexico Territory**

CHAINS

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

Set a steel fence post near the cor.

The cor. is located 2 lks. W. of a barbed wire fence, 4 strand, bears N. and S.

From this cor. point the 149th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, identical with the 149th mile corner of the 1904 survey between the 136th and 149th mile corners, bears S. $0^{\circ}01'$ E., 79.995 chs. dist., hereinafter described.

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

Restoring the survey executed by
W.W. Jones, in 1904

From the 136th mile corner, being a cor. common to both the orig. 1875 survey of the Western Boundary of New Mexico Territory and the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. AR NM ZIR NWCOR 136M 1911 1991, from which the 1904 bearing tree

A juniper, 10 ins. diam., bears S. $40\ 1/2^{\circ}$ W., 1.17 chs. dist., with scribe marks 136M faintly visible on a weathered surface. (Record: S. $45\ 1/2^{\circ}$ W.)

and bearing trees taken in 1991

A piñon pine stump, 8 ins. diam., bears N. $18\ 1/2^{\circ}$ E., 1.175 chs. dist., with scribe marks visible but not legible on a pitch covered blaze.

A juniper, 5 ins. diam., bears S. $77\ 1/4^{\circ}$ E., 1.655 chs. dist., with scribe marks 136M NM BT visible on a partially healed blaze.

A piñon pine, dead and leaning on it's side,, 12 ins. diam., bears N. $85\ 1/4^{\circ}$ W., 1.465 chs. dist., with no marks visible on a pitch covered blaze.

Cor. is located at an intersection of fences, with barbed wire fences, 4 strand, extending N., S. and Northeasterly.

S. $0^{\circ}01'$ W., on the 1904 survey between the 136th and 137th mile corners.

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	Over rolling terrain, through moderate juniper and some piñon pine.
60.77	Northerly right-of-way fence, U.S. Highway 61, bears ENE and WSW.
60.80	Utility line, bears ENE and WSW.
61.97	U.S. Highway 61, asphalt surfaced, 25 ft. wide, bears ENE and WSW.
63.17	Southerly right-of-way fence, U.S. Highway 61, bears ENE and WSW.
74.415	From this point, the closing cor. of secs. 10 and 15, T. 9 N., R. 21 W., New Mexico Principal Meridian, bears West, 1.8 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. S10 R21W CC T9N S15 1911.
79.84	<p>The 137th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 27 ins. above the ground, with brass cap mkd. AR NM 137M, from which the 1904 bearing trees</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 9 1/2° W., 67 lks. dist., with scribe marks visible but not legible on a partially healed blaze. (Record: cedar)</p> <p style="padding-left: 40px;">A juniper, 11 ins. diam., bears N. 11° W., 48 lks. dist., with faint illegible scribe marks and axe marks visible on a weathered surface. (Record: cedar)</p> <p>and bearing trees taken in 1991</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears N. 26 1/2° E., 2.175 chs. dist., with scribe marks 137M NM BT visible on a partially healed blaze.</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 75 3/4° E., 2.875 chs. dist., with scribe marks 137M NM BT visible on a partially healed blaze.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <p>From this cor., the point for the 137th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, bears N. 1°10' E., 57 lks. dist., hereinbefore described.</p> <hr style="width: 50%; margin-left: 0;"/>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>South, on the 1904 survey between the 137th and 138th mile corners.</p> <p>Over rolling terrain, through moderate juniper and piñon pine.</p>
0.68	Angle Point No. 1, at the intersection of the 138th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory, hereinbefore described.
79.88	<p>The 138th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 23 ins. above the ground, with brass cap mkd. AR NM 138M, from which the remaining 1904 bearing trees</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 23 3/4° W., 13 lks. dist., with scribe marks visible but not legible on a partially healed blaze. (Record: cedar, N. 28°05' W.)</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears N. 20° W., 92 lks. dist., with scribe marks AR 1 8M partially visible on a weathered blaze. (Record: cedar)</p> <p>and bearing trees taken in 1991</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 38 1/4° E., 1.635 chs. dist., with scribe marks 138M NM BT visible on a partially healed blaze.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr/> <p>South, on the 1904 survey between the 138th and 139th mile corners.</p> <p>Over rolling terrain, through moderate juniper and piñon pine.</p>
28.00	Top of Zuni and Puerco River Divide, bears E. and W., begin descent over severely broken land.
55.10	Wash, 8 ft. wide, 2 ft. deep, drains ENE.
58.05	Top of spur, bears ENE.
59.45	Wash, 1.5 ft. wide, 1 ft. deep, drains ENE.
60.45	Top of spur, bears E.
79.885	The 139th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 25 ins. above the ground, with brass cap mkd. AR NM 139M, from which the 1904 bearing tree

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>A juniper, 20 ins. diam., bears N. 27 1/2° W., 35 lks. dist., with scribe marks 139M visible on a partially healed blaze. (Record: cedar, 28 lks. dist.)</p> <p>and bearing trees taken in 1991</p> <p>A juniper, 13 ins. diam., bears N. 49 1/4° E., 1.58 chs. dist., with scribe marks 139M NM BT visible on a partially healed blaze.</p> <p>A juniper, 8 ins. diam., bears S. 56 3/4° E., 1.43 chs. dist., with scribe marks 139M NM BT visible on a partially healed blaze.</p> <p>A piñon pine, 5 ins. diam., bears S. 14 1/2° W., 72.5 lks. dist., with no scribe marks visible on a pitch covered blaze.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr/> <p>South, on the 1904 survey between the 139th and 140th mile corners.</p> <p>Over rolling terrain, through moderate juniper and piñon pine.</p>
27.90	Top of spur, bears SSE.
79.865	<p>The 140th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above the ground, with brass cap mkd. AR NM 140M, from which the 1904 bearing tree</p> <p>A juniper, 10 ins. diam., bears N. 1 3/4° W., 71 lks. dist., with scribe marks AR 140M BT visible on a partially healed blaze. (Record: cedar)</p> <p>and bearing trees taken in 1991</p> <p>A juniper, 8 ins. diam., bears N. 22 1/2° E., 2.81 chs. dist., with scribe marks 140M NM BT visible on a partially healed blaze.</p> <p>A juniper, 10 ins. diam., bears S. 29° E., 3.175 chs. dist., with scribe marks 140M NM BT visible on a partially healed blaze.</p> <p>Add the marks 2008 to the brass cap.</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS							
	<p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr/> <p>S. 0°01' E., on the 1904 survey between the 140th and 141st mile corners.</p> <p>Over rolling terrain, through moderate juniper and piñon pine.</p>						
10.25	Wash, 16 ft. wide, 2 ft. deep, drains S.						
74.55	<p>The standard closing cor. of T. 9 N., R. 21 W., New Mexico Principal Meridian, monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap incorrectly mkd. SCC S3 R21W T9N AR NM 1911, from which</p> <p style="padding-left: 40px;">A dead juniper, 8 ins. diam., bears N. 29° E., 1.04 chs. dist., with incorrect scribe marks CC SC T9N R21W S4 BT visible on a partially healed blaze. (Record: cedar)</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears S. 8 1/2° W., 70 lks. dist., with no scribe marks visible on an open blaze. (Record: cedar)</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S., and 3 lks. W. of another barbed wire fence, 4 strand, bears N. and S.</p>						
79.90	<p>The 141st mile corner of the 1904 survey between the 136th and 149th mile corners, determined from the 1904 bearing trees.</p> <p>At the corner point</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; margin: 10px 0;"> <p>141M</p> <table style="margin: auto; border: none;"> <tr> <td style="padding: 0 10px;">AZ</td> <td style="text-align: center; border-left: 1px solid black; border-right: 1px solid black; width: 10px;"> </td> <td style="padding: 0 10px;">NM</td> </tr> <tr> <td colspan="3" style="text-align: center; padding-top: 5px;">2008</td> </tr> </table> </div> <p>from which</p> <p style="padding-left: 40px;">A dead juniper, 9 ins. diam., bears N. 46° E., 1.615 chs. dist., with faint marks visible on a weathered surface. (Record: cedar, N. 45 1/4° E., 163 lks. dist.)</p> <p style="padding-left: 40px;">A juniper, 11 ins. diam., bears S. 36 1/4° E., 63 lks. dist., with scribe marks BT NM 141M visible on a partially healed blaze. (Record: cedar, S. 67° E., 62 lks. dist.)</p>	AZ		NM	2008		
AZ		NM					
2008							

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>A juniper, 6 ins. diam., bears S. 54 3/4° W., 84 lks. dist., with scribe marks BT AR 141M visible on an open blaze. (Record: cedar, S. 55°30' W.)</p> <p>A juniper stump, 12 ins. diam., bears N. 6 1/4° W., 30 lks. dist., with no scribe marks visible on a weathered blaze. (Record: cedar)</p> <p>and bearing trees taken in 1991</p> <p>A piñon pine, 6 ins. diam., bears N. 60 3/4° E., 1.42 chs. dist., with scribe marks 141M NM BT visible on a pitch covered partially healed blaze.</p> <p>A juniper, 6 ins. diam., bears N. 73° W., 1.69 chs. dist., with scribe marks 141M AZ BT visible on a partially healed blaze.</p> <p>A sandstone, 13 x 9 x 5 ins., mkd. 141 on the N. face, NM on the E. face, 32 WL on the S. face, and ARIZ on the W. face, found loose nearby. Bury the sandstone alongside the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S., and 3 lks. W. of another barbed wire fence, 4 strand, bears N. and S.</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <hr/> <p>S. 0°01' E., on the 1904 survey between the 141st and 142nd mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
74.955	<p>From this point, the closing cor. of secs. 3 and 10, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears West, 0.5 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. CC S3 R21W T8N S10 1911.</p>
79.95	<p>The 142nd mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above the ground, with brass cap sheared off.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	142M AZ NM 2008
	<p>from which accessories taken in 1991</p> <p>A juniper, 5 ins. diam., bears N. 54 1/2° E., 3.165 chs. dist., mkd. 142M NM BT.</p> <p>An iron post, 30 ins. long, 2 1/2 ins. diam., and with a breakaway poly bottom, set 25 ins. in the ground, for a reference monument, bears S. 47°10' E., 98.1 ft. dist., with a brass cap mkd. RM 142M NM 98.1 FT. TO COR. 2008, and an arrow pointing to the cor. Set a steel fence post nearby.</p> <p>An iron post, 30 ins. long, 2 1/2 ins. diam., and with a breakaway poly bottom, set 26 ins. in the ground, for a reference monument, bears S. 53°13' W., 70.7 ft. dist., with a brass cap mkd. RM 142M NM 70.7 FT. TO COR. 2008, and an arrow pointing to the cor. Set a steel fence post nearby.</p> <p>A juniper, 4 ins. diam., bears N. 11 3/4° W., 4.785 lks. dist., mkd. 142 AZ BT.</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the orig. iron post alongside the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>Cor. is located 1 lk. W. of a barbed wire fence, 4 strand, bears N. and S.</p> <hr/> <p>South, on the 1904 survey between the 142nd and 143rd mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
79.875	<p>The 143rd mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 29 ins. above the ground, with brass cap mkd. AR NM 143M, from which the 1904 bearing trees</p> <p>A juniper, 20 ins. diam., bears S. 54° E., 1.92 chs. dist., with a healed blaze. (Record: cedar)</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>A juniper, 8 ins. diam., bears S. 44 1/4° W., 1.49 chs. dist., with scribe marks visible but not legible on a partially healed blaze. (Record: cedar)</p> <p>and bearing trees taken in 1991</p> <p>A juniper, 13 ins. diam., bears N. 4 1/4° E., 3.57 chs. dist., with scribe marks 143M NM BT visible on a partially healed blaze.</p> <p>A juniper, 10 ins. diam., bears S. 24 1/4° E., 2.355 chs. dist., with scribe marks 143M NM BT visible on a partially healed blaze.</p> <p>A juniper, 6 ins. diam., bears N. 82° W., 1.54 chs. dist., with scribe marks 143M AZ BT visible on a partially healed blaze.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p>
	<hr/> <p>South, on the 1904 survey between the 143rd and 144th mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
75.23	<p>From this point, the closing cor. of secs. 15 and 22, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears West, 0.4 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. S15 R21W CC T8N S22 1911, from which the orig. bearing trees</p> <p>A juniper, 14 ins. diam., bears N. 54° E., 81 lks. dist., with scribe marks CC T8N R21W S15 BT visible on a partially healed blaze. (Record: cedar)</p> <p>A juniper stump, 6 ins. diam., bears S. 44 1/4° E., 16 lks. dist., with scribe marks 2 BT visible on a partially healed blaze. (Record: cedar)</p>
79.875	<p>The 144th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 26 ins. above the ground, with brass cap mkd. AR NM 144M, from which the 1904 bearing trees</p> <p>A juniper stump, 8 ins. diam., bears N. 12 3/4° E., 9 lks. dist., with scribe marks visible but not legible on an open blaze. (Record: cedar, N. 7° E.)</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>A juniper, 13 ins. diam., bears N. 86 3/4° E., 1.02 chs. dist., with a healed blaze. (Record: cedar, 1.00 chs. dist.)</p> <p>A juniper, 11 ins. diam., bears S. 79 1/2° W., 18 lks. dist., with scribe marks visible but not legible on a nearly healed blaze. (Record: cedar)</p> <p>A juniper, 12 ins. diam., bears N. 16 1/2° W., 32 lks. dist., with scribe marks 144M legible on a partially healed blaze. (Record: cedar)</p> <p>and bearing trees taken in 1991</p> <p>A juniper, 11 ins. diam., bears N. 38 3/4° E., 1.645 chs. dist., with scribe marks 144M NM BT visible on a partially healed blaze.</p> <p>A juniper, 6 ins. diam., bears S. 51 3/4° E., 1.25 chs. dist., with scribe marks 144M NM BT visible on a partially healed blaze.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr/> <p>S. 0°01' E., on the 1904 survey between the 144th and 145th mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
35.33	<p>From this point, the closing 1/4 sec. cor. of sec. 22 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears West, 0.6 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. 1/4 S22 CC 1911, from which the remaining 1911 bearing tree</p> <p>A juniper, 7 ins. diam., bears S. 64 3/4° E., 92 1/2 lks. dist., with scribe marks CC 1/4 S22 visible on an open blaze. (Record: cedar, S. 26 1/4° E., 1.66 chs. dist.)</p> <p>Cor. is located 1 lk. W. of a barbed wire fence, 4 strand, bears N. and S.</p>
75.335	<p>The closing cor. of secs. 22 and 27, T. 8 N., R. 21 W., New Mexico Principal Meridian, monumented with an iron post, 1 in. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. S22 R21W CC T8N S27 1911, from which the remaining 1911 bearing tree</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	<p style="text-align: center;">A juniper, 8 ins. diam., bears N. 26 1/4° E., 1.11 chs. dist., with scribe marks CC T8N R21W S22 visible on an open blaze. (Record: cedar)</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p>
79.87	<p>The 145th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above the ground, with brass cap mkd. AR NM 145M, from which there is no remaining evidence of the 1904 bearing trees</p> <p>and bearing trees taken in 1991</p> <p style="padding-left: 40px;">A juniper, 8 ins. diam., bears N. 27 1/4° E., 2.84 chs. dist., with scribe marks 145M NM BT visible on a partially healed blaze.</p> <p style="padding-left: 40px;">A juniper, 7 ins. diam., bears S. 19 1/2° E., 87 lks. dist., with scribe marks 145M NM BT visible on a partially healed blaze.</p> <p style="padding-left: 40px;">A juniper, 7 ins. diam., bears S. 64 1/2° W., 2.92 chs. dist., with scribe marks 145M AZ BT visible on a partially healed blaze.</p> <p style="padding-left: 40px;">A juniper, 6 ins. diam., bears N. 49 1/4° W., 2.315 chs. dist., with scribe marks 145M AZ BT visible on a partially healed blaze.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>S. 0°01' E., on the 1904 survey between the 145th and 146th mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
15.44	<p>From this point, the closing N. 1/16 sec. cor. of sec. 27 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears West, 0.2 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. 1/16 S27 CC 1911, from which a bearing tree taken by persons unknown</p> <p style="padding-left: 40px;">A dead juniper branch, 6 ins. diam., bears N. 66° E., 13 1/2 lks. dist., with scribe marks CC 1/16 S27 BT visible on a partially healed blaze.</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	Cor. is located in a barbed wire fence, 4 strand, bears N. and S.
35.66	From this point, the closing 1/4 sec. cor. of sec. 27 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears West, 0.5 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd. 1/4 S27 CC 1911. Cor. is located next to a barbed wire fence, 4 strand, bears N. and S.
42.655	Angle Point No. 10, at the intersection with the 146th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory, hereinbefore described.
55.53	From this point, the closing S. 1/16 sec. cor. of sec. 27 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears West, 0.4 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. 1/16 CC S27 1911. Cor. is located next to a barbed wire fence, 4 strand, bears N. and S.
75.545	The closing cor. of secs. 27 and 34, T. 8 N., R. 21 W., New Mexico Principal Meridian, monumented with an iron post, 1 in. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. R21W S27 CC T8N S34 1911. Cor. is located in a barbed wire fence, 4 strand, bears N. and S.
79.895	The 146th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 26 ins. above the ground, with brass cap mkd. AR NM 146M, from which the 1904 bearing trees A juniper, 10 ins. diam., bears N. 89 1/4° E., 6.26 chs. dist., with partial scribe marks BT visible on a partially healed blaze. (Record: cedar) A juniper, 13 ins. diam., bears S. 2 3/4° E., 9.08 chs. dist., with scribe marks 146M visible on a mostly healed blaze. (Record: cedar, 9.10 chs. dist.) A juniper, 9 ins. diam., bears N. 36 1/4° W., 3.31 chs. dist., with scribe marks BT 146M faintly visible on an open blaze. (Record: cedar, N. 43°45' W., 3.30 chs. dist.) Add the marks 2008 to the brass cap.

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr/> <p>S. 0°01' E., on the 1904 survey between the 146th and 147th mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
15.65	<p>From this point, the closing N. 1/16 sec. cor. of sec. 34 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears East, 0.6 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. 1/16 S34 CC 1911.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S., south of an intersecting barbed wire fence, 5 strand, bears N. 80° E.</p>
35.66	<p>From this point, the closing 1/4 sec. cor. of sec. 34 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears East, 0.2 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. 1/4 S34 CC 1911.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p>
55.66	<p>From this point, the closing S. 1/16 sec. cor. of sec. 34 only, T. 8 N., R. 21 W., New Mexico Principal Meridian, bears East, 0.7 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. 1/16 S34 CC 1911.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p>
75.655	<p>The closing cor. of secs. 34 and 3, Tps. 7 and 8 N., R. 21 W., New Mexico Principal Meridian, monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd. S34 R21W T8N CC T7N S3 1911.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p>
76.925	<p>The witness cor. to the 147th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above the ground, with brass cap mkd. WC AR NM 147M.</p> <p>Add the marks 2008 to the brass cap.</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS	
	<p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°02' E., beginning new measurement, continuing on the 1904 survey between the 146th and 147th mile corners.</p> <p>Over rolling terrain, through moderate juniper and some piñon pine.</p>
0.10	Enter flood plain, bears S. 40° E. and N. 60° W.
2.96	<p>True point for the 147th mile corner of the 1904 survey between the 136th and 149th mile corners, falls in flood plain of Zuni river where it is impracticable to set a permanent monument.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°02' E., on the 1904 survey between the 147th and 148th mile corners.</p>
7.69	Zuni River, 45 lks. wide, course West.
9.59	Leave flood plain, bears N. 40° E. and S. 40° W.
64.885	Angle Point No. 11, at the intersection with the 148th mile of the orig. 1875 survey of the Western Boundary of New Mexico Territory, hereinbefore described.
72.77	<p>From this point, the closing cor. of secs. 3 and 10, T. 7 N., R. 21 W., New Mexico Principal Meridian, bears West, 1.7 lks. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. CC S3 R21W T7N S10 1911.</p> <p>Cor. is located 1 lk. W. of a barbed wire fence, 4 strand, bears N. and S.</p>
79.885	<p>The 148th mile corner of the 1904 survey between the 136th and 149th mile corners, monumented with an iron post, 3 ins. diam., firmly set, projecting 19 ins. above the ground, with brass cap mkd. AR NM 148M, from which there is no remaining evidence of the 1904 bearing trees.</p> <p>Add the marks 2008 to the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S., 1.5 lks. S. of an intersecting barbed wire fence, 4 strand, bears N. 62° E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>South, on the 1904 survey between the 148th and 149th mile corners.</p>

**Dependent Resurvey of the 1904 Survey
Between the 136th and the 149th Mile Corners**

CHAINS									
	Over rolling terrain, through moderate juniper and some piñon pine.								
5.915	From this point, the closing cor. of secs. 3 and 10, T. 7 N., R. 21 W., New Mexico Principal Meridian, bears West, 1.8 lks. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. T7N S3 AR NM CC S10 R21W 1912.								
	Cor. is located 1.5 lks. W. of a barbed wire fence, 4 strand, bears N. and S.								
59.25	North edge of Venadito Wash, bears E. and W.								
60.65	South edge of same wash, bears E. and W.								
79.85	The 149th mile corner of the 1904 survey between the 136th and 149th mile corners, identical with the 149th mile corner of the orig. 1875 survey of the Western Boundary of New Mexico Territory, monumented with a stone, 15 x 12 ins., firmly set, projecting 10 ins. above the ground, mkd. AR on the W. face, no other marks visible.								
	At the corner point								
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 27 ins. in the ground, with brass cap mkd.								
	<table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">AZ</td> <td style="padding: 0 5px;">NM</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">149M</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">2008</td> </tr> </table>	AZ	NM				149M		2008
AZ	NM								
	149M								
	2008								
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.								
	Bury the orig. stone alongside the S. side of the stainless steel post.								
	The cor. falls 50 lks. W. of a barbed wire fence, 4 strand, bears N. and S..								

Townships 17, 18 and 19 North, Range 31 East,
Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

Access to this survey was by U.S. Highway 61, which crosses the Boundary Line between mile corners 136 and 137, and a tract road running up the Transmission line, paralleling the survey lines.

The terrain is mostly rolling, supporting juniper and piñon pine, with areas of broken land and washes.

This dependent resurvey was conducted over a period of 20 years and involved numerous surveyors. New accessories were taken in 1991, and the condition of their blazes reflect that. This information should be remembered by future surveyors when evaluating potential evidence.

The mean magnetic declination of $11\ 1/2^\circ$ E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of Supplemental Special Instructions dated March 21, 2008, I have dependently resurveyed a portion of the original 1875 survey of the Western Boundary of New Mexico Territory and dependently resurveyed the 1904 survey between the 136th and 149th mile corners, Townships 17, 18 and 19 North, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

SEPTEMBER 24, 2008
(Date)

Craig S. Dukart
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Washington, D. C.

The foregoing field notes of the dependent resurvey of a portion of the original 1875 survey of the Western Boundary of New Mexico Territory and the dependent resurvey of the 1904 survey between the 136th and 149th mile corners, Townships 17, 18 and 19 North, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

(Date)

(Chief Cadastral Surveyor)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above described surveys, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor)

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of Supplemental Special Instructions dated March 21, 2008, I have dependently resurveyed a portion of the original 1875 survey of the Western Boundary of New Mexico Territory and dependently resurveyed the 1904 survey between the 136th and 149th mile corners, Townships 17, 18 and 19 North, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

SEPTEMBER 24, 2008
(Date)

Craig S. Dukart
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Washington, D. C.

The foregoing field notes of the dependent resurvey of a portion of the original 1875 survey of the Western Boundary of New Mexico Territory and the dependent resurvey of the 1904 survey between the 136th and 149th mile corners, Townships 17, 18 and 19 North, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

November 5, 2008
(Date)

Donald H. Buhler
(Chief Cadastral Surveyor)
(of the United States)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys, is a true copy of the original field notes.~~

~~_____~~
(Date)

~~_____~~
(Chief Cadastral Surveyor)
(of the United States)