

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS OF THE ARIZONA-NEW MEXICO STATE LINE

BETWEEN THE 96 MILE POST AND THE 113 MILE POST,

AND

BETWEEN THE 113 1/2 MILE POST AND THE 115 MILE POST,

TOWNSHIP 23 NORTH, RANGE 31 EAST,

AND

UNSURVEYED TOWNSHIPS 24 AND 25 NORTH, RANGE 31 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Leonard R. Sandoval, Cadastral Surveyor

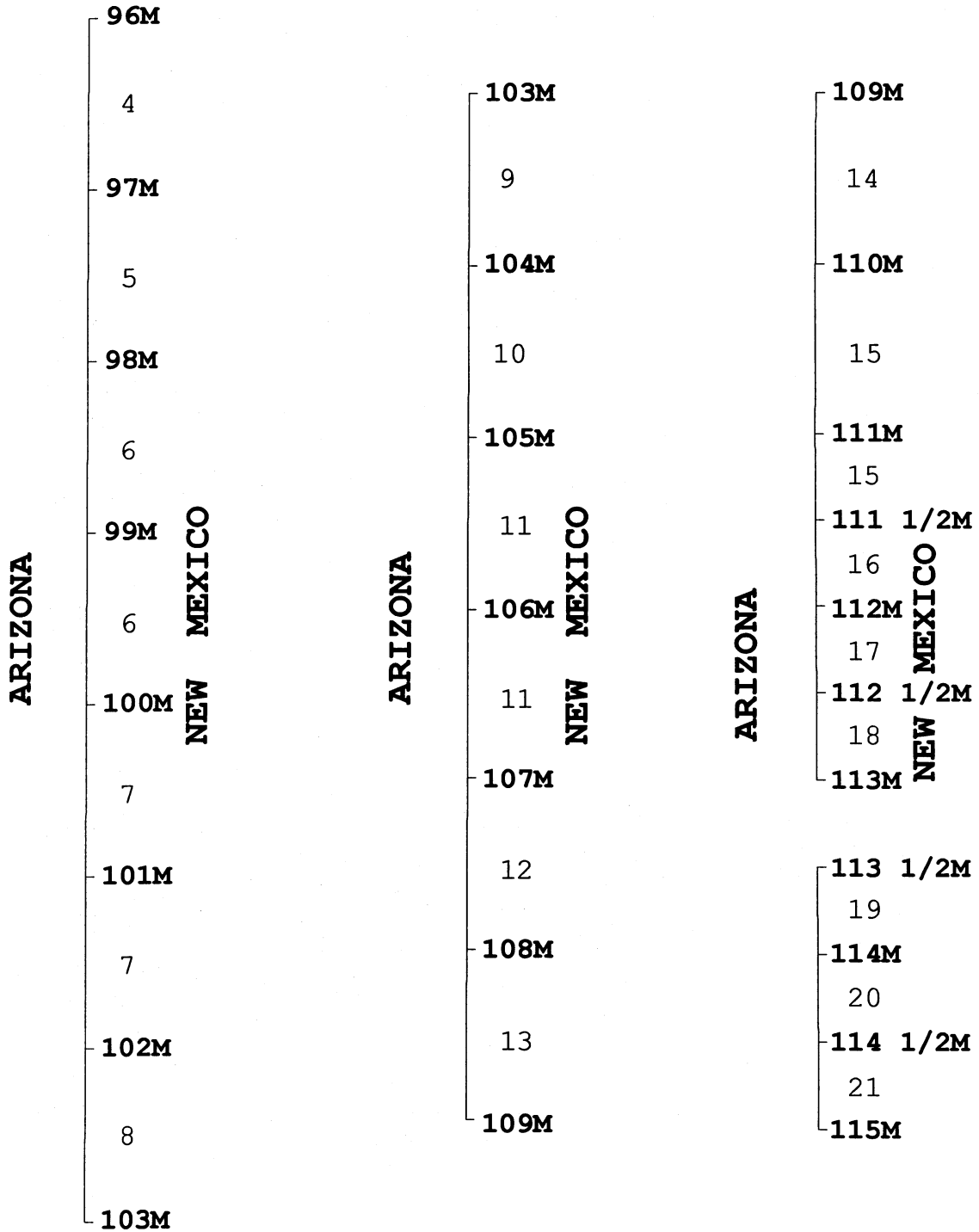
Under Special Instructions dated March 19, 2002, approved March 19, 2002, which provided for the surveys included under Group No. 880, and assignment instructions dated March 19, 2002.

Survey commenced April 1, 2002

Survey completed May 22, 2003

INDEX DIAGRAM

TOWNSHIP 23 NORTH RANGE 31 EAST, AND
 UNSURVEYED TOWNSHIPS 24 AND 25 NORTH, RANGE 31 EAST,
 GILA AND SALT RIVER MERIDIAN, ARIZONA



**T. 23 N., R. 31 E., and Unsurveyed Tps. 24 and 25 N., R. 31 E.,
Gila and Salt River Meridian, Arizona**

CHAINS

The following field notes describe the dependent resurvey of portions of the Arizona-New Mexico State Line between the 96 Mile Post and the 113 Mile Post, and between the 113 1/2 Mile Post and the 115 Mile Post, T. 23 N., R. 31 E., and unsurveyed Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona.

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

The Arizona-New Mexico State Line was originally surveyed by Chandler Robbins in 1875. The survey of the exterior boundaries and subdivisional lines, Tps. 14 and 15 N., R. 21 E., New Mexico Principal Meridian, New Mexico, was performed by Walter G. Marmon, in 1892-93. A resurvey of a portion of the Arizona-New Mexico State Bdy., and the survey of the Sixth Standard Parallel North through R. 31 E., were performed by Sidney E. Blout in 1927. A resurvey of the Arizona-New Mexico State Line between 111th and 119th Mile Corners was performed by Glenn R. Haste, Willis W. Bandy, and John W. Berberich in 1940, while also performing surveys and resurveys in T. 13 N., R. 21 W., New Mexico Principal Meridian, New Mexico, and in Tps. 22 and 23 N., R. 31 E., Gila and Salt River Meridian, Arizona. A retracement of a portion of the Arizona-New Mexico State Line was performed by Paul D. Dennis and Merlin G. Livermore II in 1962, while performing a dependent resurvey in T. 16 N., R. 21 W., New Mexico Principal Meridian, New Mexico. A dependent resurvey of a portion of the Arizona-New Mexico State Line, and the survey of the south boundary of T. 26 N., R. 31 E., were performed by Richard S. Kaiser and James L. Werdel in 1984.

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 Special Instructions dated March 19, 2002, for Group No. 880, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 model receivers.

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

**T. 23 N., R. 31 E., and Unsurveyed Tps. 24 and 25 N., R. 31 E.,
Gila and Salt River Meridian, Arizona**

CHAINS	<p>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) FLAGSTAFF, AZTEC, AND PIE TOWN VLBA. The NAD 83(CORS96) (EPOCH:2002), geographic position of the 115 Mile Post, is as follows:</p> <p>Latitude: 35°20'10.57" N. Longitude: 109°02'47.83" W.</p> <p>The mean magnetic declination is 11 1/4° E.</p> <hr/> <p>Dep. Res. of Portions of the Arizona-New Mexico State Line Between the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post and the 115 Mile Post, T. 23 N. R. 31 E., and Unsurveyed Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>Restoring the dependent resurvey executed by Richard S. Kaiser and James L. Werdel, in 1984</p> <hr/> <p>Beginning at the 96 Mile Post, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. 96 MI ARIZ N MEX 1962.</p> <p>Add the marks 2002 on the brass cap.</p> <p>Cor. is located in a barbed wire fence, 4 strands, bears N. and S.</p> <p>S. 0°10' W., on the 97th Mile of the Arizona-New Mexico State Line.</p> <p>Over gently rolling land.</p> <p>0.65 The 1/4 sec. cor. of sec. 32 only, T. 26 N., R. 31 E., G&SRM, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground with brass cap mkd. T26N R31E 1/4 S32 1984.</p> <p>7.65 The closing cor. of secs. 15 and 22, T. 16 N., R. 21 W., NMPM, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. ARIZ T16N R21W S15 S22 CC 1962.</p> <p>Cor. is located 1 1/2 lks. W. of a barbed wire fence, 4 strands, bears N. and S.</p>
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**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.675	<p>From this point, the closing cor. of Tps. 25 and 26 N., R. 31 E., G&SRM, bears West, 1 1/2 lks. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. T26N R31E S32 S5 T25N CC 1984.</p>
47.98	<p>From this point, the 1/4 sec. cor. of sec. 22, T. 16 N., R. 21 W., NMPM, bears West, 1 1/2 lks. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. ARIZ T16N R21W 1/4 S22 1962.</p>
80.10	<p>The 97 Mile Post, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. 97 M AZ NM 1984.</p> <p>Add the marks 2002 on the brass cap.</p> <p>Cor. is located 2 1/2 lks. E. of a barbed wire fence, 5 strands, bears N. and S.</p> <hr/> <p>S. 0°10' W., on the 98th Mile of the Arizona-New Mexico State Line.</p> <p>Over gently rolling land.</p>
8.385	<p>From this point, the closing cor. of secs. 22 and 27, T. 16 N., R. 21 W., NMPM, bears West, 4 lks. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. ARIZ T16N R21W S22 S27 CC 1962.</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
47.795	<p>From this point, the 1/4 sec. cor. of sec. 27 only, T. 16 N., R. 21 W., NMPM, bears West, 4 1/2 lks. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. ARIZ T16N R21W 1/4 S27 1962.</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
80.10	<p>The 98 Mile Post, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. 98 M AZ NM 1984.</p> <p>from which the 1984 bearing trees</p> <p style="padding-left: 40px;">A piñon, 16 ins. diam., bears S. 65° E., 81 lks. dist., with scribe mks. 98M NM BT visible on open blaze.</p> <p style="padding-left: 40px;">A piñon, 14 ins. diam., bears S. 72° W., 34 lks. dist., with scribe mks. 98M AZ BT visible on open blaze.</p>

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Add the marks 2002 on the brass cap.</p> <p>Cor. is located 4 1/2 lks. E. of a barbed wire fence, 5 strands, bears N. and S.</p> <hr/>
	<p>S. 0°12' W., on the 99th Mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling and broken land.</p>
7.12	<p>From this point, the closing cor. of secs. 27 and 34, T. 16 N., R. 21 W., NMPM, bears West, 5 lks. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with a mound of stone, 3 ft. base, 1 ft. high, to the E., with brass cap mkd. ARIZ T16N R21W S27 S34 1962.</p>
	<p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
46.38	<p>From this point, the 1/4 sec. cor. of sec. 34 only, T. 16 N., R. 21 W., NMPM, bears West, 4 lks, dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with a juniper post, firmly set, projecting 24 ins. above ground, nearby, with brass cap mkd. ARIZ T16N R21W 1/4 S34 1962.</p>
	<p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
80.07	<p>The 99 Mile Post, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. 99M AZ NM 1984.</p>
	<p>Add the marks 2002 on the brass cap.</p>
	<p>Cor. is located 2 1/2 lks. E. of a barbed wire fence, 5 strands, bears N. and S.</p> <hr/>
	<p>S. 0°13' W., on the 100th Mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling and broken land.</p>
5.58	<p>From this point, the closing cor. of Tps. 15 and 16 N., R. 21 W., NMPM, bears West, 3 lks. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. ARIZ T16N R21W S34 S3 T15N 1962.</p>
55.10	<p>Graded road, 20 ft. wide, bears E. and W.</p>

Dep. Res. of Portions of the Arizona-New Mexico State Line Between the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
80.12	<p>The 100 Mile Post, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. 100 M ARIZ NMEX 1984 1962.</p> <p>from which the 1984 bearing trees</p> <p style="padding-left: 40px;">A piñon, 19 ins. diam., bears S. 2 1/2° E., 1.88 chs. dist., with scribe mks. 100M NM BT visible on open blaze. (Record: 1.90 chs.)</p> <p style="padding-left: 40px;">A piñon, 13 ins. diam., bears S. 29 1/2° W., 2.03 chs. dist., with scribe mks. 100M AZ BT visible on open blaze. (Record: 2.04 chs.)</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears N. 45° W., 63 lks. dist., with scribe mks. X BT visible on open blaze.</p> <p>Add the marks 2002 on the brass cap.</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Chandler Robbins, in 1875</p> <hr/> <p>S. 0°06' W., on the 101st Mile of the Arizona-New Mexico State Line.</p> <p>Over rolling and broken land.</p>
43.80	<p>Trail road, bears ESE and WNW.</p>
80.05	<p>Point for the 101 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">101 M</p> <p style="text-align: center;">AZ NM</p> <p style="text-align: center;">2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr/> <p>S. 0°06' W., on the 102nd Mile of the Arizona-New Mexico State Line.</p> <p>Over rolling and broken land.</p>

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
5.60	The SE rim of a mesa, top of sandstone ledge, bears ENE and WSW. (Record: 5.00 chs.)
80.05	<p>The 102 Mile Post, monumented with a sandstone, 24 x 24 x 2 ins., loosely set in a scattered mound of stone, on sandstone bedrock, mkd. ARIZ on W. face and illegible mks. on the remaining partially broken faces.</p> <p>At the corner 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;">102 M</p> <p style="text-align: center;">AZ NM</p> <p style="text-align: center;">2002</p> <p>Deposit a magnet in a white plastic case, in the drill hole, at the base of the brass tablet.</p> <p>Deposit the original stone in the mound of stone.</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by Sidney E. Blout, in 1927</p> <hr/> <p>NOTE: Utilizing the 1927 record bearing and distance to reestablish the lost 103 and 104 mile posts positions the corners in a manner that best represents where the corners were recovered in 1927. Single proportioning is used, with the 1875 record, to restore the now lost 105 mile post.</p> <hr/> <p>S. 0°06' W., on the 103rd Mile of the Arizona-New Mexico State Line.</p> <p>Over rolling and broken land.</p>
41.85	<p>The stan. closing cor. of T. 25 N., R. 31 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd. ARIZ SC T25N R31E S32 CC NM 1927.</p> <p>from which the remaining bearing tree</p> <p style="padding-left: 40px;">A piñon, 18 ins. diam., bears S. 17 1/2° E., 4.07 chs. dist., with scribe mks. NM BT visible on open blaze. Deface the scribe marks. (Record: S. 17 3/4° E.)</p> <p>At the corner point</p>

Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS

Reset the iron post, 36 ins. long, 29 ins. in the ground.

Remark the brass cap to read

	SC	
	T 25 N	
	R 31 E	
	S 32	
CC	—	

2002
1927

Deposit a magnet in a white plastic case at the base of the iron post.

80.29

Point for the 103 Mile Post, determined at record bearing and distance from the 102 Mile Post. A sandstone, 24 x 12 x 8 ins. was found lying loose nearby, mkd. AZ 103 NM 32 WL on four opposing faces.

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

103 M

AZ | NM

2002

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

Bury the original stone alongside the stainless steel post.

Cor. is located 48 lks. E. of a barbed wire fence, 5 strands, bears N. and S., and at the base of the E. bank of a wash, 20 ft. wide, 7 ft. deep, drains SSE.

S. 0°06' W., on the 104th Mile of the Arizona-New Mexico State Line.

Over rolling and broken land.

4.08

From this point, a sandstone, 18 x 10 x 5 ins., bears East, 1.38 chs. dist., lying loose, mkd. CC, 4 grooves, and 2 grooves on three adjacent faces.

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
80.29	<p>Point for the 104 Mile Post determined at record bearing and distance from the 103 Mile Post; 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;">104 M</p> <p style="text-align: center;">AZ NM</p> <p style="text-align: center;">2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Cor. is located 85 lks. E. of a barbed wire fence, 5 strands, bears N. and S., and 30 lks. S. of a wash, 10 ft. wide, 3 ft. deep, drains ENE.</p>
	<hr/> <p>Restoring the survey executed by Chandler Robbins, in 1875</p> <hr/>
	<p>S. 0°15' W., on the 105th Mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling and broken land.</p>
4.06	<p>From this point, a sandstone, 28 x 13 x 2 ins., bears West, 1 1/2 lks. dist., lying loose, mkd. CC, 4 grooves, and 1 groove on three adjacent faces.</p>
50.23	<p>Graded road, 15 ft. wide, bears SE and NW.</p>
80.17	<p>Point for the 105 Mile Post, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">105 M</p> <p style="text-align: center;">AZ NM</p> <p style="text-align: center;">2002</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Cor. is located 83 lks. E. of a barbed wire fence, 5 strands, bears N. and S.</p> <hr/>
	<p>S. 0°15' W., on the 106th Mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling and broken land.</p>
3.51	<p>From this point, the closing cor. of Tps. 14 and 15 N., R. 21 W., NMPM, monumented with a sandstone, 16 x 16 x 12 ins. above ground, loosely set, bears East, 35 1/2 lks. dist., mkd. CC on W. face, 6 grooves on N. face, 6 grooves on S. face, with a scattered mound of stone to the E.</p>
	<p>Cor. is located 1.03 chs. E. of a barbed wire fence, 5 strands, bears N. and S.</p>
80.17	<p>The 106 Mile Post, monumented with a sandstone, 15 x 9 x 6 ins., firmly set, 11 ins. in the ground, in an embedded mound of stone, 2 1/2 ft. base, mkd. NM on E. face, 32WL on S. face, ARIZ on W. face, and 106 on N. face.</p>
	<p>At the corner point</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>106 M</p>
	<p>AZ NM</p>
	<p>2002</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
	<p>Bury the original stone alongside the stainless steel post.</p>
	<p>Cor. is located 18 1/2 lks. E. of a barbed wire fence, 5 strands, bears N. and S., and 26 lks. N. of a wash, 5 ft. wide, 3 ft. deep, drains E.</p> <hr/>
	<p>S. 0°01' W., on the 107th Mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling and broken land.</p>

Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
2.63	From this point, a sandstone, 20 x 12 x 5 ins., bears West, 10 1/2 lks. dist., lying loose, mkd. CC, 4 grooves, and 1 groove on three adjacent faces, and located 7 lks. E. of a barbed wire fence, 5 strands, bears N. and S.
78.46	The 107 Mile Post, monumented with a sandstone, 28 x 16 x 5 ins., firmly set, 12 ins. in the ground, in a scattered mound of stone, mkd. NM on E. face, 32WL on S. face, ARIZ on W. face, and 107 on N. face.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.
	107 M
	AZ NM
	2002
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Bury the original stone alongside the stainless steel post.
	Cor. is located in a barbed wire fence, 5 strands, bears N. and S.
	S. 0°11' W., on the 108th Mile of the Arizona-New Mexico State Line.
	Over rolling and broken land.
3.62	From this point, the closing cor. of secs. 10 and 15, T. 14 N., R. 21 W., NMPM, monumented with a broken sandstone, 20 x 10 x 5 ins., reassembled size, bears East, 13 lks. dist., loosely set in an embedded mound of stone, 3 ft. base, mkd. CC, 4 grooves, 2 grooves on three adjacent faces.
	Cor. is located 11 lks. E. of a barbed wire fence, 5 strands, bears N. and S.
79.95	The 108 Mile Post determined at record distances from the remaining original bearing trees. A sandstone, 16 x 15 x 10 ins., was found lying loose nearby, mkd. ARIZ, 108, 32WL on three adjacent faces.
	A fir, 18 ins. diam., bears S. 88 3/4° W., 42 lks. dist., with healed blaze. (Record: yellow pine, 20 ins., S. 86° W.)

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
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CHAINS

A pine, 13 ins. diam., bears N. 35° W., 61 lks. dist.,
with healed blaze. (Record: S. 35° 06' W.)

At the corner point

Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented
in place, in a drill hole in a sandstone outcrop, with top mkd.

108 M

AZ | NM

2002

Deposit a magnet in a white plastic case, in the drill hole, at
the base of the brass tablet.

Bury the original stone nearby in a sandstone outcrop.

Cor. is located 1.81 chs. W. of a barbed wire fence, 5 strands,
bears N. and S.

S. 0°13' W., on the 109th Mile of the Arizona-New Mexico State
Line.

Over rolling and broken land.

1.71 The remains of the line tree, a root hole, with a fallen decayed
pine alongside, 18 ins. diam., with a hack mark visible on a
side. This point now functions as an witness point.
(Record: 1.95 chs., 20 ins.)

At the corner point

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

WP

AZ | NM

2002

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

S. 0°13' W., beginning new measurement.

Over rolling and broken land.

Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
77.45	<p>The 109 Mile Post, monumented with a sandstone, 25 x 20 x 6 ins., firmly set, 7 ins. in the ground, in an embedded mound of stone, 3 ft. base, mkd. NM on E. face, 32 dimly on S. face, ARI dimly on W. face, 109M on N. face.</p> <p>At the corner point</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;">109M</p> <p style="text-align: center;">AZ NM</p> <p style="text-align: center;">2002</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Bury the original stone alongside the stainless steel post.</p> <p>Cor. is located 79 lks. W. of a barbed wire fence, 3 strands, bears N. and S.</p>
	<p>S. 0°13' W., on the 110th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land atop a mesa.</p>
3.55	<p>The S. rim of a mesa, bears ESE and WNW; thence descend over rugged and rocky S. slope.</p>
79.44	<p>Point for the 110 Mile Post, at proportionate dist. A sandstone, 35 x 17 x 9 x ins., was found lying loose nearby, mkd. NM, 110, ARIZ, and X on four opposing faces.</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;">110M</p> <p style="text-align: center;">AZ NM</p> <p style="text-align: center;">2003</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Bury the original stone alongside the stainless steel post.</p>

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
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Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Cor. is located 40 lks. W. of a barbed wire fence, 4 strands, bears N. and S.</p> <hr/>
	<p>S. 0°13' W., on the 111th mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling and broken land, on the S. slope of a mesa.</p>
1.78	<p>From this point, a forked piñon, 14 ins. diam., at base, bears East, 58 1/2 lks. dist., with scribe mks. C BT on partial healed blaze. A cylindrical sandstone, 60 ins. long, 36 ins. diam., was found lying loose nearby, mkd. 5 grooves, 1 groove, and NM on three adjacent sides.</p>
2.90	<p>The base of the S. slope of a mesa, bears E. and W.; thence over rolling land.</p>
63.30	<p>Graded road, 20 ft. wide, bears ESE and WNW.</p>
65.37	<p>Power line, bears NE and SW.</p>
79.44	<p>The 111 Mile Post, monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. 111M ARIZ NEW MEXICO 1940, with an embedded mound of stone, 2 ft. base, to the N.</p>
	<p>from which the remains of 1940 bearing trees</p>
	<p>A root hole, bears N. 3 1/2° E., 47 lks. dist.</p>
	<p>A piñon, 6 ins. diam., bears S. 17 1/2° E., 55 lks. dist., with scribe mks. 111 N MEX BT visible on open blaze.</p>
	<p>A root hole, bears S. 15 3/4° W., 46 lks. dist.</p>
	<p>A root hole, bears N. 71 1/4° W., 28 lks. dist.</p>
	<p>Add the marks 2002 on the brass cap.</p>
	<p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p> <hr/>
	<p align="center">Restoring the resurvey executed by Glenn R. Haste, Willis W. Bandy, and John W. Berberich, in 1940</p> <hr/>
	<p>S. 0°18' E., on the 112th mile of the Arizona-New Mexico State Line.</p>
	<p>Over rolling land.</p>

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
3.35	<p>The closing cor. of Tps. 13 and 14 N., R. 21 W., NMPM, monumented with an iron post, 3 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. ARIZ T14N T13N R21W S3 S34 CC 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p style="padding-left: 40px;">A piñon, 10 ins. diam., bears N. 56 1/4° E., 25 lks. dist., with scribe mks. T14N R21W S34 BT visible on open blaze.</p> <p style="padding-left: 40px;">A root hole, bears S. 61° E., 41 lks. dist. (Record: S. 65 1/4° E., 39 lks.)</p> <p>From this cor. point, a sandstone, 15 x 3 x 16 ins. above ground, firmly set, bears S. 89°07' E., 52 lks. dist., mkd. 6 grooves on S. face, 6 grooves on N. face, and CC on E. face.</p>
9.35	<p>Trail road, bears ESE and WNW. (Record: 11.00 chs.)</p>
40.12	<p>The 111 1/2 Mile Post, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. 111 1/2M ARIZ N MEX 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p style="padding-left: 40px;">A root hole, bears N. 83 1/2° E., 12 lks. dist.</p> <p style="padding-left: 40px;">A root hole, bears S. 76 1/2° W., 46 lks. dist.</p> <p>Add the marks 2002 on the brass cap.</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°18' E., beginning new measurement.</p>
3.50	<p>The 1/4 sec. cor. for sec. 3 only, T. 13 N., R. 21 W., NMPM, monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above ground, in a scattered mound of stone, with brass cap mkd. ARIZ 1/4 S3 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p style="padding-left: 40px;">A root hole, bears N. 25 1/2° E., 15 lks. dist.</p> <p style="padding-left: 40px;">A root hole, bears S. 40 3/4° E., 46 lks. dist.</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.15	<p>The 112 Mile Post, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, in a scattered mound of stone, with brass cap mkd. 112M ARIZ N MEX 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p>A root hole, bears N. 15 3/4° E., 78 lks. dist., with a fallen decayed piñon alongside, 8 ins. diam., with scribe mks. 112 M NM BT visible on open blaze.</p> <p>A root hole, bears S. 47 1/4° E., 80 lks. dist., with a fallen decayed piñon alongside, 8 ins. diam., with scribe mks. 112 M NMEX BT visible on open blaze.</p> <p>A root hole, bears S. 38 1/2° W., 27 lks. dist., with a fallen decayed piñon alongside, 8 ins. diam., with illegible scribe mks. visible on open blaze.</p> <p>A root hole, bears N. 25 1/4° W., 34 lks. dist., with a fallen decayed piñon alongside, 9 ins. diam., with scribe mks. AR 112M BT dimly visible on open blaze.</p> <p>Add the marks 2002 on the brass cap and rebuild the mound of stone, 3 ft. base, to top.</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
	<p>S. 0°16' E., on the 113th mile of the Arizona-New Mexico State Line.</p> <p>Over rolling land atop a mesa.</p>
3.37	<p>From this point, the closing cor. of secs. 3 and 10, T. 13 N., R. 21 W., NMPM, bears West, 1 lk. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. ARIZ T13N R21W S3 S10 CC 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p>A root hole, bears N. 39° E., 75 1/2 lks. dist., with a fallen decayed piñon alongside, 6 ins. diam., with scribe mks. CC BT dimly visible on open blaze. (Record: N. 41 1/2° E., 77 lks.)</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
4.20	<p>Trail road, bears E. and W.</p>

Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.62	<p>The 112 1/2 Mile Post, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. 112 1/2M ARIZ N MEX 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p style="padding-left: 40px;">A root hole, bears S. 55 1/2° W., 34 lks. dist., with a fallen decayed piñon alongside, 4 ins. diam., with scribe mks. 112 1/2 M ARIZ BT visible on open blaze.</p> <p>Add the marks 2002 on the brass cap.</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°16' E., beginning new measurement.</p>
2.88	<p>The 1/4 sec. cor. of sec. 10 only, T. 13 N., R. 21 W., NMPM, monumented with an iron post, 1 in. diam., firmly set, projecting 19 ins. above ground, with brass cap mkd. ARIZ 1/4 S10 1940.</p> <p>from which the remains of the 1940 bearing trees</p> <p style="padding-left: 40px;">A root hole, bears S. 43 1/4° E., 67 lks. dist., with a fallen decayed piñon alongside, 5 ins. diam., with scribe mks. 1/4 S10 BT visible on open blaze. (Record: S. 45 1/2° E., 63 lks.)</p> <p>Cor. is located in a barbed wire fence, 5 strands, bears N. and S.</p>
9.80	<p>The SE rim of a mesa, bears ENE and WSW; thence descend over rocky SE slope into the Rio Puerco River valley.</p>
11.255	<p>The closing cor. of secs. 22 and 27, T. 23 N., R. 31 E., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, with the brass cap erroneously mkd. WC T23N R31E S22 S27 CC N MEX 1940.</p> <p>from which the 1940 bearing trees</p> <p style="padding-left: 40px;">A piñon, 6 ins. diam., bears S. 34° W., 32 1/2 lks. dist., with illegible scribe mks. visible on open blaze. (Record: 34 lks.)</p> <p style="padding-left: 40px;">A forked juniper, 22 ins. at the base, bears N. 76 1/2° W., 79 lks. dist., with scribe mks. BT visible on open blaze. (Record: 86 lks.)</p>

Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed
Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Remark the brass cap to read</p>
	<p style="text-align: right;">T 23 N R 31 E S 22 CC----- S 27 2003 1940</p>
19.34	<p>A brass tablet, 3 1/2 ins. diam., set 4 1/2 ft. above the base of a sandstone cliff, cemented in place, with top mkd. ARIZ NEW MEXICO 1940. This cor. point now functions as a witness point.</p> <p>Add the marks WP and 2002 on the brass tablet.</p> <p>The cor. is located on the N. side of a cave, 150 ft. wide, 100 ft. high, 150 ft. deep, at the base of a SE slope.</p> <hr/> <p>S. 0°16' E., beginning new measurement.</p>
21.31	<p>The 113 Mile Post, monumented with a concrete filled iron post, 3 ins. diam., firmly set, 6 ins. below the surface of the ground, with brass cap missing, with a steel fence post set nearby.</p> <p>Not remonumented.</p> <hr/>
	<p>From the 113 1/2 Mile Post, monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, with brass cap mkd. 113 1/2 M ARIZ NEW MEX 1940.</p> <p>Add the marks 2002 on the brass cap and reset the iron post, 36 ins. long, 30 ins. in ground. Deposit a magnet in a white plastic case at the base of the iron post.</p> <p>Cor. is located on the W. slope of a wash, 30 ft. wide, 12 ft. deep, drains S.</p> <p>S. 0°15' E., on the 114th Mile of the Arizona-New Mexico State Line.</p> <p>Over nearly level land, across the Rio Puerco River valley.</p>
8.785	<p>The closing cor. of secs. 27 and 34, T. 23 N., R. 31 E., monumented with an iron post, 2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. T23N R31E S27 S34 CC NMEX 1940.</p>

Dep. Res. of Portions of the Arizona-New Mexico State Line Between the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post and the 115 Mile Post, T. 23 N., R. 31 E., and Unsurveyed Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Remark the brass cap to read</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding-right: 10px;">T 23 N</td> <td></td> </tr> <tr> <td style="padding-right: 10px;">R 31 E</td> <td></td> </tr> <tr> <td style="padding-right: 10px;">S 27</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> </tr> <tr> <td style="padding-right: 10px;">CC</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> </tr> <tr> <td style="padding-right: 10px;">S 34</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> </tr> <tr> <td style="padding-right: 10px;">2002</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> </tr> <tr> <td style="padding-right: 10px;">1940</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> </tr> </table> <p>Cor. is located at the corner of barbed wire fences, extending W. and S.</p> <p>16.18 A T-rail, 3 ins. wide, painted yellow, firmly set, projecting 12 ins. above ground, with top mkd. 66 67 8E and painted 38+49.99 on the side, located in the N. right-of-way fence of Navajo Route 7140, woven and barbed wire, 2 strands, parallels highway.</p> <p>17.72 Navajo Route 7140, asphalt pavement, 27 ft. wide, bears NE and SW.</p> <p>19.24 A T-rail, 3 ins. wide, painted yellow, firmly set, projecting 13 ins. above ground, with top mkd. 37 14 47 and painted 37+14.47 on the side, located in the S. right-of-way fence of Navajo Route 7140, woven and barbed wire, 2 strands, parallels highway.</p> <p>29.00 The Rio Puerco River, a wash, 130 ft. wide, 4 ft. deep, drains WSW.</p> <p>31.95 The S. bank of the flood plain of the Rio Puerco River, a wash, 12 ft. high, bears E. and W.</p> <p>40.66 The 114 Mile Post, monumented with an iron post, 3 ins. diam., firmly set, projecting 20 ins. above ground, with brass cap mkd. 114 M ARIZ NEW MEXICO 1940.</p> <p>from which the remains of the 1940 accessories</p> <p style="margin-left: 40px;">The marks, X BO, dimly visible on a sandstone boulder, 10 x 7 x 4 ft., bears S. 65 1/2° E., 1.955 chs. dist. (Record: S. 55 ° 25' E., 1.30 chs.)</p> <p>Add the marks 2002 on the brass cap.</p> <p>Cor. is located on the SE bank of the flood plain of the Rio Puerco River, a wash, bears NE and SW.</p> <hr style="width: 50%; margin-left: 0;"/> <p>S. 0°17' E., on the 115th Mile of the Arizona-New Mexico State Line.</p>	T 23 N		R 31 E		S 27		CC		S 34		2002		1940	
T 23 N															
R 31 E															
S 27															
CC															
S 34															
2002															
1940															

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
the 96 Mile Post and the 113 Mile Post, and Between the 113 1/2 Mile Post
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Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Over nearly level land, across the Rio Puerco River valley.
1.49	The closing cor. of secs. 15 and 22, T. 13 N., R. 21 W., NMPM, monumented with an iron post, 1 in. diam., firmly set, projecting 15 ins. above sandstone bedrock, with brass cap mkd. ARIZ T13N R21W S15 S22 CC 1940, with a steel fence post set nearby.
	from which the remains of the 1940 accessories
	The marks, X BO, visible on exposed sandstone bedrock, bears S. 50 3/4° E., 17 lks. dist.
8.04	True point for the 1/4 sec. cor. of sec. 34 only, T. 23 N., R. 31 E., at proportionate dist.; falls on sandstone cliff on S. bank of a wash, 12 ft. wide, 14 ft. deep, drains W.; where it is impracticable to establish permanent monument.
8.54	The witness cor. for the 1/4 sec. cor. of sec. 34 only, T. 23 N., R. 31 E., monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. ARIZ NMEX 1/4 S34 WC 1940, with an embedded mound of stone, 2 ft. base, 1 1/2 ft. high, to the W.
	Remark the brass cap to read
	<p align="center">↑ WC T 23 N R 31 E 1/4 S 34 2003 1940</p>
40.71	The 114 1/2 Mile Post, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. 114 1/2 M ARIZ NMEX 1940.
	Add the marks 2003 on the brass cap.
	Cor. is located 1.335 chs. E. of a barbed wire fence, 4 strands, bears N. and S.
	S. 0°17' E., beginning new measurement.
	Over nearly level land across the Rio Puerco River valley.
0.97	The 1/4 sec. cor. of sec. 22 only, T. 13 N., R. 21 W., NMPM, monumented with an iron post, 1 in. diam., firmly set flush with the surface of the ground, with brass cap mkd. ARIZ N.MEX 1/4 S22 1940.

Dep. Res. of Portions of the Arizona-New Mexico State Line Between
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Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS

7.255

The closing cor. of secs. 3 and 34, Tps. 22 and 23 N., R. 31 E.,
monumented with badly rusted iron post, 3 ins. diam., firmly
set, 14 ins. below the surface of the ground, with brass cap
mkd. N.MEX. T23N T22N S3 S34 CC 1940.

from which the 1940 bearing tree

A forked juniper, 18 ins. diam. at the base, bears
S. 77 1/4° W., 2.475 chs. dist., with scribe mks. BT
visible on partially healed blaze. (Record: 2.42 chs.)

At the corner point

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

T 23 N
R 31 E
S 34
CC
S 3
T 22 N

2003

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

Bury the iron post, 36 ins. long, alongside the stainless steel
post.

40.85

The 115 Mile Post, monumented with an iron post, 2 ins. diam.,
firmly set, projecting 18 ins. above a supporting mound of
stone, 4 ft. base, 1 1/2 ft. high, with brass cap mkd. 115M ARIZ
N.MEX 1940.

from which the remains of the 1940 bearing trees

A piñon, 10 ins. diam., bears N. 1 3/4° E., 19 lks. dist.,
with scribe mks. 115M NM BT visible on open blaze.

A root hole, bears S. 6° W., 29 lks. dist., with a fallen
decayed piñon alongside, 5 ins. diam., with scribe mks.
115M ARI BT visible on open blaze. (Record:
S. 7 1/4° W., 27 lks.)

Add the marks 2002 on the brass cap.

**Dep. Res. of Portions of the Arizona-New Mexico State Line Between
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Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

From this cor. point, first order U. S. Coast and Geodetic Survey triangulation station "LUPTON 1936", bears S. $73^{\circ}51'$ E., 69.87 chs. dist., monumented with a standard brass tablet, 3 1/2 ins. diam., set flush in concrete post, 8 ins. square, firmly set, projecting 4 ins. above ground, with top mkd. LUPTON 1936 and a triangle.

From this same cor. point, second order U. S. Coast and Geodetic Survey triangulation station "FIN 1959", bears S. $78^{\circ}01'$ W., 12.40 chs. dist., monumented with a standard brass tablet, 3 1/2 ins. diam., set flush in a sandstone outcrop, cemented in place, with top mkd. FIN 1959 and a triangle.

**T. 23 N., R. 31 E., and Unsurveyed Tps. 24 and 25 N., R. 31 E.,
Gila and Salt River Meridian, Arizona**

CHAINS

GENERAL DESCRIPTION

The area surveyed is southeast of the community of Hunter Point, Arizona, on the Navajo Indian Reservation and east of the community of Lupton, Arizona. The land is mostly rolling with some rocky hogback ridges and rocky mesas with numerous canyons. The Rio Puerco River, a wash, being the main drainage, drains southwesterly.

The elevation varies from 6100 to 7200 feet above sea level. The soil is mostly sandy to rocky clay with sandstone ledges and outcrops. The timber consists primarily of piñon and juniper with cottonwood, salt cedar and Russian Olive in the Rio Puerco River valley. Undergrowth consists of various brush and native grasses.

The main access to the area is Interstate 40, U. S. Highway 66 and Navajo Route 7140, all crossing the state line in the Rio Puerco River valley. From these main roads, there are numerous trail roads extending through the area. Grazing livestock is the primary use of the area with no evidence of any current mining activity.

The mean magnetic declination of $11 \frac{1}{4}^{\circ}$ E. was derived from the computer program GEOMAGIX utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD ASSISTANTS

NAMES	CAPACITY
William F. Olver	Cadastral Surveyor
Daniel Bryan	Engineering Technician
Wilfred Chee	Engineering Technician
Edward Clarke	Engineering Technician
Reuben Mason	Engineering Technician
Barney Woodie	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 19th day of March, 2002, I have dependently resurveyed portions of the Arizona-New Mexico State Line between the 96 Mile Post and the 113 Mile Post, and between the 113 1/2 Mile Post and the 115 Mile Post, T. 23 N., R. 31 E., and unsurveyed Tps. 24 and 25 N., R. 31 E., of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

6-28-04
(Date)

Leonard R. Sandoval
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the Arizona-New Mexico State Line between the 96 Mile Post and the 113 Mile Post, and between the 113 1/2 Mile Post and the 115 Mile Post, T. 23 N., R. 31 E., and unsurveyed Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, in the State of Arizona, executed by Leonard R. Sandoval, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 2, 2004
(Date)

Kenny J. Laombka
(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. 23 N., R. 31 E., and unsurveyed Tps. 24 and 25 N., R. 31 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor of Arizona)