

ORIGINAL

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

FIELD NOTES

OF THE DEPENDENT RESURVEY OF A PORTION OF THE
WEST BOUNDARY OF THE NAVAJO INDIAN RESERVATION
FROM THE SOUTHWEST CORNER TO THE
INTERSECTION WITH THE LITTLE COLORADO RIVER THRU
TOWNSHIPS 21 AND 22 NORTH, RANGE 11 EAST, AND THRU
PARTIALLY SURVEYED TOWNSHIPS 23 AND 24 NORTH, RANGE 11 EAST,
THE SURVEY OF THE MEANDERS OF A PORTION OF
THE RIGHT BANK OF THE LITTLE COLORADO RIVER THRU
PARTIALLY SURVEYED TOWNSHIPS 24 AND 25 NORTH, RANGE 11 EAST,
THE DEPENDENT RESURVEY OF PORTIONS OF THE SIXTH STANDARD PARALLEL NORTH
(SOUTH BOUNDARY) AND THE WEST BOUNDARY,
PARTIALLY SURVEYED TOWNSHIP 25 NORTH, RANGE 11 EAST,
AND THE DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
PARTIALLY SURVEYED TOWNSHIP 23 NORTH, RANGE 11 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

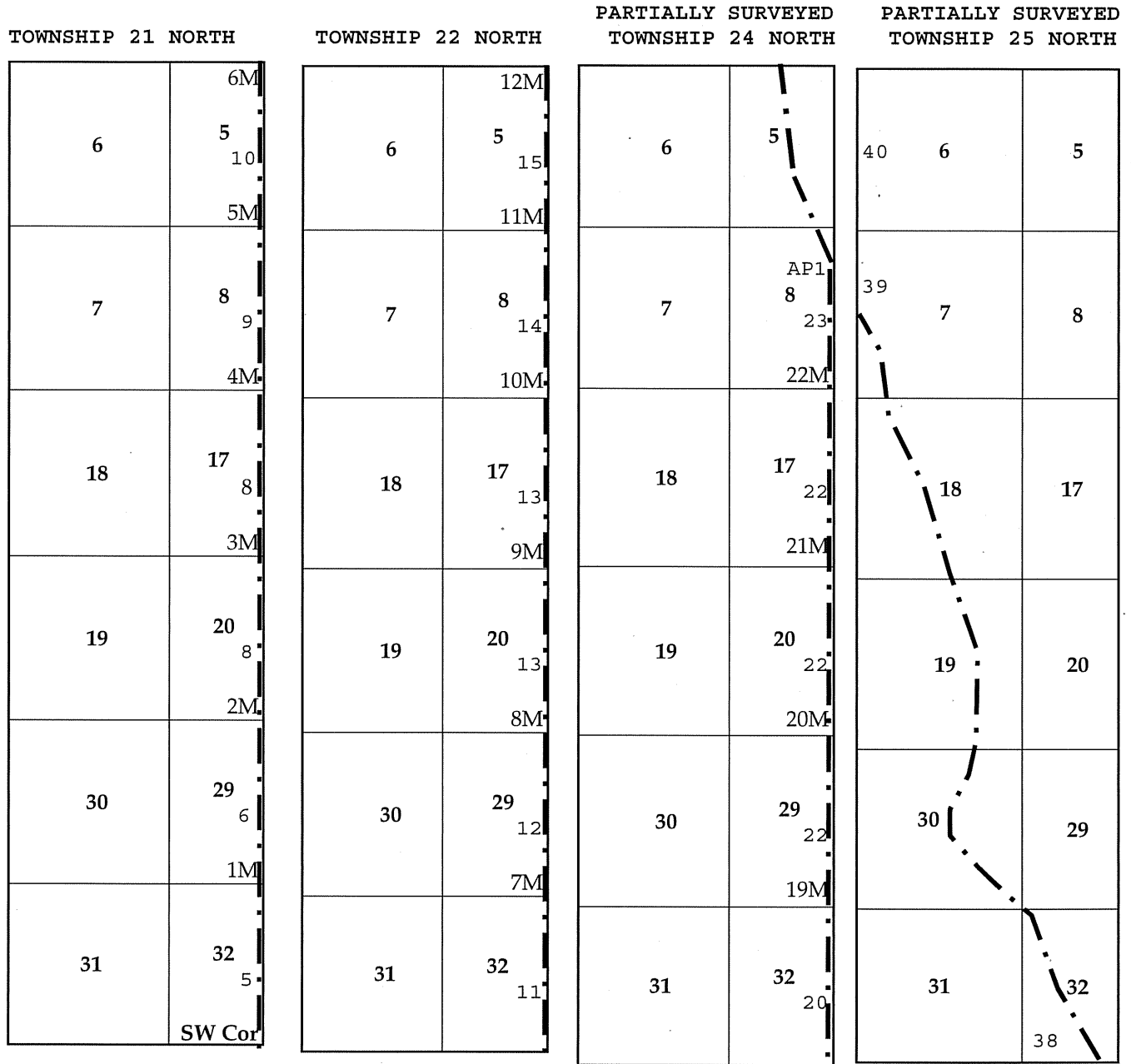
Under Special Instructions dated April 06, 2017, approved April 06, 2017, which provided for the surveys included under Group No. 1169, and assignment instructions dated April 06, 2017.

Survey commenced March 29, 2017

Survey completed May 3, 2017

INDEX DIAGRAM

WEST BOUNDARY OF THE NAVAJO INDIAN RESERVATION
RANGE 11 EAST, GILA & SALT RIVER MERIDIAN, ARIZONA



Survey of a Portion of the Right Bank of the
Little Colorado River thru Partially Surveyed
Tps. 24 and 25, R. 11 E. Pages 25-39

INDEX DIAGRAM

PARTIALLY SURVEYED
 TOWNSHIP 23 NORTH RANGE 11 EAST
 GILA & SALT RIVER MERIDIAN, ARIZONA

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Tps. 21 and 22 North, R. 11 E.,
and Partially Surveyed Tps. 23, 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the west boundary of the Navajo Indian Reservation from the southwest corner to the intersection with the Little Colorado River thru Townships 21 and 22 North, Range 11 East and thru Partially Surveyed Townships 23 and 24 North, Range 11 East, the survey of the meanders of a portion of the right bank of the Little Colorado River thru Partially Surveyed Townships 24 and 25 North, Range 11 East, the dependent resurvey of portions of the Sixth Standard Parallel North (South Boundary), and west boundary, Partially Surveyed Township 25 North, Range 11 East, and the dependent resurvey of a portion of the south boundary, Partially Surveyed Township 23 North, Range 11 East, Gila and Salt River Meridian, Arizona.

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

The survey of the West Boundary of the Navajo Indian Reservation thru Townships 21, 22, 23 and 24 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Thomas B. Matthews, U.S. Surveyor, in 1916. (Book 3214)

The resurvey of a portion of the Fifth Standard Parallel North, thru part of Range 11 East, and the survey of the west, and part of the North boundary, and subdivision lines of Township 21 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Thomas B. Matthews, U.S. Surveyor and Joseph C. Clark, U.S. Transitman, in 1916. (Book 3215)

The survey of the east boundary, part (completion) of the north boundary, and part (completion) of the subdivisions of Township 21 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Benjamin J. Kinsey, U.S. Surveyor, in 1932. (Book 3941)

The survey of the west boundary, a portion of the north boundary, and subdivision lines, Township 22 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Thomas B. Matthews, U.S. Surveyor, in 1916. (Book 3216)

The survey of the east boundary, part (completion) of the north boundary, and part (completion) of the subdivisions of Township 22 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Benjamin J. Kinsey, U.S. Surveyor, in 1932. (Book 3942)

The survey of part of the north boundary and subdivision lines, and all of the west boundary, Township 23 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Thomas B. Matthews, U.S. Surveyor, in 1916. (Book 3217)

The survey of the west boundary, and part of the subdivision lines, and part of the meanders on the left bank of the Little Colorado River, Township 24 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Thomas B. Matthews, U.S. Surveyor, in 1916. (Book 3217)

Tps. 21 and 22 North, R. 11 E.,
and Partially Surveyed Tps. 23, 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS

The retracement of portion of the west boundary, Township 25 North, Range 11 East, and survey of the 6th standard parallel north, thru portion of Range 11 East, and meanders of left bank of the Little Colorado River thru T. 25 N., R. 11 E., portion of subdivision lines, Township 25 North, Range 11 East, Gila and Salt River Meridian, was surveyed by Thomas B. Matthews, U.S. Surveyor, and Philip L. Inch, U.S. Transitman, in 1916. (Book 3260)

The dependent resurvey of portions of the east and north boundaries and a portion of the subdivisional lines, and the adjusted meanders on the left bank of the Little Colorado River in section 12, and the survey of the subdivision of section 12, Township 25 North, Range 10 East, Gila and Salt River Meridian, was surveyed by Duane R. Garoutte, Cadastral Surveyor, in 1985. (Book 5240)

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions (2009), and the Special Instructions dated April 06, 2016, for Group No. 1169, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 model receivers.

The "standard monument" referred to in these notes is a stainless steel post, 28 ins. Long, 2 1/2 ins. diam., with a brass cap. Unless otherwise indicated, a magnet in a white plastic case is deposited at the base of the stainless steel post.

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) DP9944 GCES GRAND CANYON ST 1 CORS ARP, DL1882 AZFL NAU FLAGSTAFF CORS ARP and DL1898 AZPS PRESCOTT CORS ARP. The NAD 83 (CORS96) (EPOCH:2010), geographic position of the SW cor. of the Navajo Indian Reservation, on the 5th. Standard Parallel North, is as follows:

Latitude: 35°09'23.855" N. Longitude: 111°14'34.596" W.

The NAD 83 (CORS96) (EPOCH:2010), geographic position of the 22nd. Mile Post of the Navajo Indian Reservation, is as follows:

Latitude: 35°28'32.817" N. Longitude: 111°14'34.000" W.

The NAD 83 (CORS96) (EPOCH:2010), geographic position of the corner of Townships 25 and 26 North, Ranges 10 and 11 East, is as follows.

Latitude: 35°34'59.365" N. Longitude: 111°16'13.738" W.

The mean magnetic declination is 10 1/2° E.

Dependent Resurvey of a Portion of the
 West Boundary of the Navajo Indian Reservation Thru
 Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
 Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	T. 21 N., R. 11 E.						
	<p>Beginning at the SW cor. of the Navajo Indian Reservation (NIR), on the Fifth Standard Parallel North, monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above ground, set in concrete, with a brass cap mkd. T21N R11E S32 SW COR NIR 1916, oriented to the west, with a mound of stone, 1 1/2 ft. base, 1/2 ft. high, W of the cor.</p> <p>Add the marks 2017 to the brass cap.</p> <p>The cor. is located along the west side of a fence cor., angle iron, 2 in. wide, with fences extending N. and E.</p> <p>From this point, the closing cor. of secs. 4 and 5, T. 20 N., R. 11 E., bears N. 81°06' W., 8.5 lks. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above the ground, with a brass cap mkd. CC S5 S4 T20N R11E 1917, with a mound of stone, 2 ft. base, 1 ft. high, W. of cor.</p> <p>N. 0°03' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 32.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>						
40.03	<p>The 1/4 sec. cor. of frac. sec. 32, now designated as the 1/2 mile cor., monumented with an iron pipe, 1 in. diam., loosely set, broken off 17 ins. below ground, with brass cap mkd. 1/4 S32 1916.</p> <p>at the corner point</p> <p>Set a standard monument, 21 ins. in the ground, encircled by a mound of stone, 3 ft. base, to brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 21 N R 11 E</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 32</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">1/2 M</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 5px;">NIR</td> </tr> </table> <p>2017</p> </div> <p>The original iron post, 26 ins. long was inverted and placed inside the stainless steel post.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p>	S 32		1/2 M			NIR
S 32		1/2 M					
		NIR					
39.995	<p>N. 0°01' E., beginning new measurement.</p> <p>The 1 mile cor., on the sec. line bet. Secs. 29 and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T21N R11E S29 M1 S32 NIR 1916.</p>						

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add the marks 2017 to the brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p> <hr/> <p>N. 0°02' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 29.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
20.335	<p>A cor. set by James A. Folkers, Arizona R.L.S. 18215, monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above the ground, with a plastic cap, mkd. EEC INC 928-979-4505 RLS 18215.</p> <p>From this local cor., another local cor., bears S. 15°54' E., 43 1/2 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 5 ins. above the ground.</p> <p>From this same local cor., another local cor., set by Allan L. Gray, Arizona R.L.S. 31595, bears S. 48°29' W., 36 1/2 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 12 ins. above the ground, with a plastic cap mkd. LS31595.</p>
26.625	<p>A local cor. set by James A. Folkers, Arizona R.L.S. 18215, monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above the ground, with a plastic cap, mkd. EEC INC 928-979-4505 RLS 18215.</p> <p>From this local cor., another local cor., bears N. 71°39' W., 1 lk. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 5 ins. above the ground, with a plastic cap mkd. LS31595.</p>
33.69	<p>A local cor. set by Kathy M. Svehovsky, Arizona R.L.S. 46118, monumented with a rebar, 1/2 in. diam., firmly set, projecting 5 ins. above the ground, with a plastic cap, mkd. WOODPATEL LS 46118.</p>
34.70	<p>South edge of Padre Canyon, bears easterly and westerly.</p>
40.015	<p>The 1/4 sec. cor. of frac. sec. 29, now designated as the 1 1/2 mile cor., monumented with an iron pipe, 1 in. diam., projecting 36 ins. above surface rock, in a supporting mound of stone, 4 ft. base, 2 ft. high, with brass cap mkd. 1/4 S29 1916.</p> <p>Rebuild mound of stone, 5 ft. base to brass cap, remark to read</p>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS

T 21 N R 11 E

S 29	1 1/2 M
	NN

2017

1916

From which new accessories

A cotton picker spindle, driven into a crack on a horizontal limestone outcrop, bears N. 70°40' E., 52 1/2 lks. dist.

A railroad spike, driven into a vertical crack on a limestone boulder, 3 x 4 ft., 3 ft. high, bears S. 19°45' E., 35 lks. dist.

From this point, a rebar, 1/2 in. diam., projecting 6 ins. above the ground, bears N. 12°15' E., 2.135 chs. dist.

Cor. is located in a barbed wire fence line, on a steep limestone outcrop on the north side of Padre Canyon, bears N. and S.

N. 0°02' E., beginning new measurement.

0.90 North edge of Padre Canyon, bears easterly and westerly.

40.04 The 2 mile cor., on the sec. line bet. secs. 20 and 29, monumented with an iron post, 3 ins. diam., loosely set, projecting 29 ins. above the ground, in a scattered mound of stone, with brass cap mkd. T21N R11E S20 M2 S29 NIR 1916.

at the corner point

Set a standard monument, 14 ins. in a drill hole in limestone, raise a supporting mound of stone, 5 ft. base, to brass cap mkd.

T 21 N R 11 E

S 20	M2
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S 29	NN
------	----

2017

Impractical to bury original iron post, 36 ins. long, 3 ins. diam., alongside. Removed original iron post from the field and donated to the Navajo Land Department.

From this point, a rebar, 1/2 in. diam., projecting 10 ins. above the ground, bears S. 89°23' E., 71 1/2 lks. dist.

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS											
	N. 0°02' E., on the 3rd mile, along a barbed wire fence line thru section 20.										
	Over gently rolling terrain, supporting desert vegetation.										
33.95	Railroad tracks, bears. S. 87° E. and N. 87° W.										
34.15	Railroad tracks, bears. S. 87° E. and N. 87° W.										
39.99	The 1/4 sec. cor. of frac. sec. 20, now designated as the 2 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. 1/4 S20 NIR 1916.										
	Raise a mound of stone, 5 ft. base to brass cap, remark to read										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 21 N</td> <td>R 11 E</td> </tr> <tr> <td>S 20</td> <td> 2 1/2 M</td> </tr> <tr> <td></td> <td> NN</td> </tr> <tr> <td>2017</td> <td></td> </tr> <tr> <td>1916</td> <td></td> </tr> </table>	T 21 N	R 11 E	S 20	2 1/2 M		NN	2017		1916	
T 21 N	R 11 E										
S 20	2 1/2 M										
	NN										
2017											
1916											
	Cor. is located in a barbed wire fence line, on level terrain.										
	<hr style="width: 20%; margin: 0 auto;"/>										
	N. 0°03' E., beginning new measurement.										
40.02	The 3 mile cor., on the sec. line bet. secs. 17 and 20, monumented with an iron post, 3 ins. diam., loosely set, projecting 30 ins. above the ground, in a scattered mound of stone, with brass cap mkd. T21N R11E S17 M3 S20 NIR 1916.										
	at the corner point										
	Set a standard monument, 16 ins. in a drill hole in limestone, in a supporting mound of stone, 4 ft. base, to brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 21 N</td> <td>R 11 E</td> </tr> <tr> <td>S 17</td> <td> 3M</td> </tr> <tr> <td>S 20</td> <td> NN</td> </tr> <tr> <td>2017</td> <td></td> </tr> </table>	T 21 N	R 11 E	S 17	3M	S 20	NN	2017			
T 21 N	R 11 E										
S 17	3M										
S 20	NN										
2017											
	Impractical to bury original iron post, 36 ins. long, 3 ins. diam., alongside. Removed original iron post from the field.										
	Cor. is located in a barbed wire fence line, on level terrain.										
	<hr style="width: 20%; margin: 0 auto;"/>										
	N. 0°01' W., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 17.										

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Over gently rolling terrain, supporting desert vegetation.
20.015	A cor. set by James A. Folkers, Arizona R.L.S. 23955, monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above the ground, with alum. cap, mkd. RLS 23955.
40.03	The 1/4 sec. cor. of frac. sec. 17, now designated as the 3 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 8 ins. above the ground, in a mound of stone, 4 ft. base to brass cap, mkd. 1/4 S17 NIR 1916, remark to read <div style="text-align: center;"> T 21 N R 11 E S 17 3 1/2 M NN 2017 1916 </div> <p>Cor. is located in a barbed wire fence line, bears N. and S., on level terrain.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0°25' E., beginning new measurement.</p>
3.05	Cattle guard, track road, 8 ft. wide, bears. N. 80° E. and S. 80° W.
12.00	South edge Youngs Canyon, bears. N. 70° E. and S. 70° W.
13.30	Wash, 20 ft. wide, drains N. 70° E.
14.50	North edge Youngs Canyon, bears. N. 70° E. and S. 70° W.
39.99	The 4 mile cor., on the sec. line bet. secs. 8 and 17, monumented with an iron post, 3 ins. diam., loosely set, projecting 10 ins. above the ground, with brass cap mkd. T21N R11E S8 4M S17 NIR 1916, with a scattered mound of stone, W. of cor. <p>Incorporate the scattered mound of stone in mound of stone, 4 ft. base to brass cap. Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on slightly rolling terrain.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0°01' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 8.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.015	<p>The 1/4 sec. cor. of frac. sec. 8, now designated as the 4 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. 1/4 S8 1932, with a scattered mound of stone, W. of cor.</p> <p>Incorporate the scattered mound of stone in mound of stone, 4 ft. base to brass cap, remark to read</p> <p style="text-align: center;">T 21 N R 11 E</p> <p style="text-align: center;">S 8 4 1/2 M NN</p> <p style="text-align: center;">2017 1932</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on a gentle N. slope.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>North, beginning new measurement.</p>
39.99	<p>The 5 mile cor., on the sec. line bet. secs. 5 and 8, monumented with an iron post, 3 ins. diam., loosely set, projecting 5 ins. above the ground, with brass cap mkd. T21N R11E S5 5M S8 NIR 1916.</p> <p>Raise a mound of stone, 3 ft. base to brass cap. Add the marks 2017 and change the NIR to NN on brass cap.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°04' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 5.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
40.03	<p>The 1/4 sec. cor. of frac. sec. 5, now designated as the 5 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 10 ins. above the ground, in a scattered mound of stone, with brass cap mkd. 1/4 S5 1916.</p> <p>Raise a mound of stone, 3 ft. base to brass cap, remark to read</p> <p style="text-align: center;">T 21 N R 11 E</p> <p style="text-align: center;">S 5 5 1/2 M NN</p> <p style="text-align: center;">2017 1932</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on a gentle N. slope.</p> <hr style="width: 20%; margin: 10px auto;"/>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS									
	N. 0°01' E., beginning new measurement.								
40.02	<p>The 6 mile cor., on the Tp. line bet. Tps. 21 and 22 N., monumented with an iron post, 3 ins. diam., firmly set, projecting 10 ins. above the ground, in a scattered mound of stone, with brass cap mkd. T21N R11E S32 6M S5 NIR 1916.</p> <p>Raise a mound of stone, 4 ft. base to brass cap. Add marks to the brass cap to read</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 10px;">T 22 N</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 11 E</td> </tr> <tr> <td style="padding: 0 10px;">S 32</td> <td style="border-left: 1px solid black; padding: 0 10px;">6M</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 0 10px;">S 5</td> <td style="border-left: 1px solid black; border-top: 1px solid black; padding: 0 10px;">NN</td> </tr> <tr> <td style="padding: 0 10px;">T 21 N</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 11 E</td> </tr> </table> <p style="margin: 5px auto 0 auto;">2017 1916</p> </div> <p>Cor. is located at the intersection of barbed wire fence lines, with fences extending N., S. and W.</p> <hr style="width: 60%; margin: 10px auto;"/> <p style="text-align: center;">T. 22 N., R. 11 E.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>N. 0°01' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 32.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>	T 22 N	R 11 E	S 32	6M	S 5	NN	T 21 N	R 11 E
T 22 N	R 11 E								
S 32	6M								
S 5	NN								
T 21 N	R 11 E								
40.02	<p>The 1/4 sec. cor. of frac. sec. 32, now designated as the 6 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd. 1/4 S32 S32 1916.</p> <p>Remark the brass cap to read</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 10px;">T 22 N</td> <td style="padding: 0 10px;">R 11 E</td> </tr> <tr> <td style="padding: 0 10px;">S 32</td> <td style="border-left: 1px solid black; padding: 0 10px;">6 1/2 M</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; padding: 0 10px;">NIR</td> </tr> </table> <p style="margin: 5px auto 0 auto;">1932 2017</p> </div> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p> <hr style="width: 60%; margin: 10px auto;"/> <p>North, beginning new measurement.</p>	T 22 N	R 11 E	S 32	6 1/2 M		NIR		
T 22 N	R 11 E								
S 32	6 1/2 M								
	NIR								

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.035	<p>The 7 mile cor., on the sec. line bet. Secs. 29 and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. T22N R11E S29 7M S32 NIR 1916.</p> <p>Add the marks 2017, and change NIR to NN on the brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p> <hr/> <p>N. 0°02' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 29.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
19.70	South edge San Francisco Wash, bears. N. 80° E. and S. 80° W.
21.05	Wash, drains N. 80° E.
22.05	North edge San Francisco Wash, bears. N. 80° E. and S. 80° W.
40.01	<p>The 1/4 sec. cor. of frac. sec. 29, now designated as the 7 1/2 mile cor., monumented with an iron pipe, 1 in. diam., projecting 12 ins. above the ground, with brass cap mkd. 1/4 S29 1916.</p> <p>Build mound of stone, 3 ft. base to brass cap, remark to read</p> <div style="text-align: center;"> <p>T 22 N R 11 E</p> <p>S 29 7 1/2 M</p> <p> NN</p> <p> 2017</p> <p> 1916</p> </div> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p> <hr/> <p>N. 0°02' E., beginning new measurement.</p>
40.025	<p>The 8 mile cor., on the sec. line bet. secs. 20 and 29, monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above the ground, with brass cap mkd. T22N R11E S20 M8 S29 NIR 1916, with a scattered mound of stone, W. of cor.</p> <p>Rebuild the accessory mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <p>Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr/>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>N. 0°01' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 20.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
40.015	<p>The 1/4 sec. cor. of frac. sec. 20, now designated as the 8 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. 1/4 S20 1916, with a scattered mound of stone, W. of cor..</p> <p>Incorporate the scattered mound of stone in a collar of stone, 3 ft. base to brass cap, remark to read</p> <p style="text-align: center;">T 22 N R 11 E</p> <p style="text-align: center;">S 20 8 1/2 M NN</p> <p style="text-align: center;">2017 1916</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°02' E., beginning new measurement.</p>
39.97	<p>The 9 mile cor., on the sec. line bet. secs. 17 and 20, monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T22N R11E S17 M9 S20 NIR 1916.</p> <p>Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°01' W., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 17.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
39.96	<p>The 1/4 sec. cor. of frac. sec. 17, now designated as the 9 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. 1/4 S17 1916, with a scattered mound of stone, W. of cor.</p> <p>Incorporate the scattered mound of stone in a collar of stone, 3 ft. base, to brass cap, remark to read</p>

Dependent Resurvey of a Portion of the
 West Boundary of the Navajo Indian Reservation Thru
 Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
 Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p style="text-align: center;">T 22 N R 11 E</p> <p style="text-align: center;">S 17 9 1/2 M NN</p> <p style="text-align: center;">2017 1916</p> <p>From this cor., a rebar, 1/2 in. diam., 24 ins. long, set 21 ins. in the ground, with an X sawn in the top, bears S. 43°02' E., 1.335 chs. dist.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°05' E., beginning new measurement.</p> <p>40.07 The 10 mile cor., on the sec. line bet. secs. 8 and 17, monumented with an iron post, 3 ins. diam., firmly set, 2 ins. below the ground, with brass cap mkd. T22N R11E S8 M10 S17 NIR 1916.</p> <p>Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on slightly rolling terrain.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°01' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 8.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p> <p>35.40 Overhead power line, bears. S. 88° E. and N. 88° W.</p> <p>40.03 The 1/4 sec. cor. of frac. sec. 8, now designated as the 10 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 18 ins. above the ground, and rusted thru at the flanges, with brass cap mkd. 1/4 S8 1916.</p> <p>at the corner point</p> <p>Set a standard monument, 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 22 N R 11 E</p> <p style="text-align: center;">S 8 NN 10 1/2 M</p> <p style="text-align: center;">2017</p> <p>Invert and place original iron post inside the stainless steel post.</p>
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Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Cor. is located in a barbed wire fence line, bears N. and S., on gently rolling terrain.
47.70	Underground gas line, bears. S. 88° E. and N. 88° W.
48.60	Underground gas line, bears. S. 88° E. and N. 88° W.
80.025	The 11 mile cor., on the sec. line bet. secs. 5 and 8, monumented with an iron post, 3 ins. diam., firmly set, flush with the ground, with brass cap mkd. T22N R11E S5 M11 S8 NIR 1916, with a steel "U-Post" approximately 3 ft. W. of the cor., with a sign marked SURVEY MON. DO NOT DISTURB ARIZONA DEPARTMENT OF TRANSPORTATION HWY.DIV. Add the marks 2017 to the brass cap. Cor. is located in a barbed wire fence line, bears N. and S., on a gentle north slope. ----- N. 0°03' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 5. Over gently rolling terrain, supporting desert vegetation.
9.95	Intersection with the S. right-of-way of Leupp Road. From this point, a B.I.A. Roads monument, a brass tablet, 3 ins. diam., set in concrete, 6 ins. diam., flush with the ground, mkd. B.I.A. ROADS 19, bears S. 89°52' E., 3.05 chs. dist. From this same point, a B.I.A. Roads monument, a brass tablet, 3 ins. diam., set in concrete, 6 ins. diam., 8 ins. below the ground, mkd. B.I.A. ROADS 19, bears N. 89°52' W., 0.06 chs. dist.
12.22	Intersection with the N. right-of-way of Leupp Road. From this point, a B.I.A. Roads monument, a brass tablet, 3 ins. diam., set in concrete, 6 ins. diam., flush with the ground, mkd. B.I.A. ROADS 19, bears S. 89°55' E., 3.05 chs. dist. From this same point, a B.I.A. Roads monument, a brass tablet, 3 ins. diam., set in concrete, 6 ins. diam., 8 ins. below the ground, mkd. B.I.A. ROADS 19, bears N. 89°55' W., 0.056 chs. dist.
39.985	The 1/4 sec. cor. of frac. sec. 5, now designated as the 11 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above the ground, in a scattered mound of stone, with brass cap mkd. 1/4 S5 S5 1932. Remark the brass cap to read

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 22 N R 11 E
	S 5 11 1/2 M NN
	2017 1932
	Cor. is located in a barbed wire fence line, bears N. and S.

	N. 0°01' E., beginning new measurement.
40.02	The 12 mile cor., on the Tp. line bet. Tps. 22 and 23 N., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T23N R11E S32 M12 S5 NIR T22N 1916.
	Add the marks 2017 to the brass cap.

	Partially Surveyed T. 23 N., R. 11 E.

	N. 0°01' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 32.
	Over gently rolling terrain, supporting desert vegetation.
40.045	The 1/4 sec. cor. of frac. sec. 32, now designated as the 12 1/2 mile cor., monumented with a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, set by persons unknown. This monument is accepted as the best available evidence of the orig. cor. position.
	Set a standard monument, 24 ins. in the ground, with brass cap mkd.
	T 23 N R 11 E
	S 32 12 1/2 M NN
	2017
	Deposit the rebar, 18 ins. long, inside the stainless steel post.
	Cor. is located in a barbed wire fence line, bears N. and S.

	N. 0°02' E., beginning new measurement.

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS					
40.005	<p>The 13 mile cor., on the sec. line bet. Secs. 29 and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T23N R11E S29 13M S32 N R 1916.</p> <p>Add the marks 2017, and change N R to NN on the brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on a gentle N. slope.</p> <hr/> <p>N. 0°02' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 29.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>				
40.14	<p>The 1/4 sec. cor. of frac. sec. 29, now designated as the 13 1/2 mile cor., monumented with an iron pipe, 1 in. diam., projecting 5 ins. above the ground, with brass cap mkd. 1/4 S29 1916.</p> <p>Remark the brass cap to read</p> <div style="text-align: center;"> <p>T 23 N R 11 E</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding-right: 10px;">S 29</td> <td style="border-left: 1px solid black; padding-left: 10px;">13 1/2 M</td> </tr> <tr> <td></td> <td style="border-left: 1px solid black; padding-left: 10px;">NIR</td> </tr> </table> <p>2017</p> <p>1916</p> </div> <p>Cor. is located in a barbed wire fence line, bears N. and S., on gently rolling terrain.</p> <hr/> <p>N. 0°03' E., beginning new measurement.</p>	S 29	13 1/2 M		NIR
S 29	13 1/2 M				
	NIR				
39.835	<p>The 14 mile cor., on the sec. line bet. secs. 20 and 29, monumented with an iron post, 3 ins. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd. T23N R11E S20 14M S29 NIR 1916.</p> <p>Reset the original iron post, 3 ins. diam., 36 ins. long, 27 ins. in the ground, in a mound of stone, 3 ft. base to brass cap. Add the marks 2017 to the brass cap.</p> <p>Cor. is located E., 1 ft., of a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr/> <p>North, on the W. Bdy. of the NIR, along a barbed wire fence line thru section 20.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>				

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.055	<p>The 1/4 sec. cor. of frac. sec. 20, now designated as the 14 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 18 ins. above the ground, in a collapsed mound of stone with brass cap mkd. 1/4 S20 1916.</p> <p>at the corner point</p> <p>Set a standard monument, 22 ins. in the ground, in a mound of stone, 4 ft. base, to brass cap mkd.</p> <p style="text-align: center;">T 23 N R 11 E</p> <p style="text-align: center;">S 20 14 1/2 M NN</p> <p style="text-align: center;">2017</p> <p>Deposit original iron post, 1 in. diam., 36 ins. long, horizontally, alongside the stainless steel post.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°04' E., beginning new measurement.</p>
39.985	<p>The 15 mile cor., on the sec. line bet. secs. 17 and 20, monumented with an iron post, 3 ins. diam., loosely set, projecting 8 ins. above the ground, with brass cap mkd. T23N R11E S17 15M S20 NIR 1916.</p> <p>Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°02' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 17.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
40.025	<p>Point for the 1/4 sec. cor. of frac. sec. 17, now designated as the 15 1/2 mile cor., determined latitudinally at proportionate position, and longitudinally utilizing the fence line as best available evidence of the longitudinal position of the orig. cor.</p> <p>at the corner point</p> <p>Set a standard monument, 22 ins. in the ground (11 ins. in a drill hole in limestone and 11 ins. in an embedded mound of stone), with brass cap mkd.</p>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 23 N R 11 E
	S 17 15 1/2 M NN
	2017
	Cor. is located in a barbed wire fence line, bears N. and S., on rolling terrain.

	N. 0°04' E., beginning new measurement.
40.025	The 16 mile cor., on the sec. line bet. secs. 8 and 17, monumented with an iron post, 3 ins. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd. T23N R11E S8 16M S17 NIR 1916.
	Add the marks 2017 and change the NIR to NN on brass cap.
	Cor. is located in a barbed wire fence line, bears N. and S., on slightly rolling terrain.

	N. 0°02' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 8.
	Over gently rolling terrain, supporting desert vegetation.
39.98	The 1/4 sec. cor. of frac. sec. 8, now designated as the 16 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 15 ins. above the ground, with brass cap mkd. 1/4 S8 1916.
	Raise a supporting mound of stone, 4 ft. base to brass cap, remark bras cap to read
	T 23 N R 11 E
	S 8 16 1/2 M NN
	2017
	Cor. is located in a barbed wire fence line, bears N. and S., on gently rolling terrain.

	N. 0°01' E., beginning new measurement.
40.04	The 17 mile cor., on the sec. line bet. secs. 5 and 8, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. Above ground, with brass cap mkd. T23N R11E S5 17M S8 NIR 1916.

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS					
	<p>Raise a mound of stone, 4 ft. base, to the brass cap. Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>From this point, a rebar, 1/2 in. diam., 24 ins. long, set 21 ins. in the ground, with an X sawn in the top, bears S. 18°38' E., 9.545 chs. dist.</p> <p>Cor. is located W, 1 ft. dist. of a barbed wire fence line, bears N. and S., on a gentle north slope.</p> <hr/> <p>N. 0°03' E., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 5.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>				
40.01	<p>The 1/4 sec. cor. of frac. sec. 5, now designated as the 17 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd. 1/4 S5 1916.</p> <p>Remark the brass cap to read</p> <div style="text-align: center;"> <p>· T 23 N R 11 E</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 5</td> <td style="padding: 0 5px;">17 1/2 M</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">NN</td> </tr> </table> <p>2017 1916</p> </div> <p>Cor. is located in a barbed wire fence line, bears N. and S.</p> <hr/> <p>N. 0°01' E., beginning new measurement.</p>	S 5	17 1/2 M		NN
S 5	17 1/2 M				
	NN				
40.01	<p>The 18 mile cor., on the Tp. line bet. Tps. 22 and 23 N., monumented with an iron post, 3 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd. T24N R11E S32 18M S5 NIR T23N 1916.</p> <p>Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located at the intersection of barbed wire fence lines, with fences extending N., S. and W.</p> <hr/> <p style="text-align: center;">Partially Surveyed T. 24 N., R. 11 E.</p> <hr/> <p>N. 0°02' E., on the 19W. Bdy. of the NIR, along a barbed wire fence line thru section 32.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>				

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.02	<p>Point for the 1/4 sec. cor. of frac. sec. 32, now designated as the 18 1/2 mile cor., at proportionate distance; there is no remaining evidence of the original cor.</p> <p>Set a standard monument, 23 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <p style="text-align: center;">T 24 N R 11 E</p> <p style="text-align: center;">S 32 18 1/2 M NN</p> <p style="text-align: center;">2017</p> <p>Cor. is located E., 1 ft. dist., from a barbed wire fence line.</p>
80.04	<p>The 19 mile cor., on the sec. line bet. Secs. 29 and 32, monumented with an iron post, 3 ins. diam., firmly set, projecting 3 ins. above the ground, in a collar of stone, with brass cap mkd. T24N R11E S29 19M S32 NIR 1916.</p> <p>Add the marks 2017, and change NIR to NN on the brass cap.</p> <p>Cor. is located in a barbed wire fence line, on gently rolling terrain.</p> <hr/> <p>North, on the W. Bdy. of the NIR, along a barbed wire fence line thru section 29.</p> <p>Over gently rolling terrain, supporting high desert vegetation.</p>
40.04	<p>Point for the 1/4 sec. cor. of frac. sec. 29, now designated as the 19 1/2 mile cor., determined at proportionate dist., there is no remaining evidence of the orig. cor.</p> <p>Set a standard monument, 18 ins. in sandstone, in a mound of stone, 5 1/2 ft. base, to brass cap mkd.</p> <p style="text-align: center;">T 24 N R 11 E</p> <p style="text-align: center;">S 29 19 1/2 M NN</p> <p style="text-align: center;">2017</p> <p>Cor. is located in a barbed wire fence line, bears N. and S., on rolling and broken terrain.</p>
80.08	<p>The 20 mile cor., on the sec. line bet. secs. 20 and 29, monumented with an iron post, 3 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. T23N R11E S20 20M S29 NIR 1916.</p>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Add the marks 2017, and change NIR to NN on the brass cap.</p> <p>Cor. is located E, 2 ft. dist., from a barbed wire fence line, bears N. and S., on rolling terrain.</p> <hr/> <p>N. 0°01' E., on the W. Bdy. of the NIR, near a barbed wire fence line thru section 20.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
40.008	<p>Point for the 1/4 sec. cor. of frac. sec. 20, now designated as the 20 1/2 mile cor., at proportionate dist., there is no remaining evidence of the orig. cor.</p> <p>Set a standard monument, 21 ins. in sandstone, in a mound of stone, 4 ft. base, to brass cap mkd.</p> <p style="text-align: center;">T 24 N R 11 E</p> <p style="text-align: center;">S 20 20 1/2 M NN</p> <p style="text-align: center;">2017</p> <p>Cor. is located E, 3 ft. dist. of a barbed wire fence line, bears N. and S., on rolling and broken terrain.</p>
80.015	<p>The 21 mile cor., on the sec. line bet. secs. 17 and 20, monumented with an iron post, 3 ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd. T24N R11E S17 21M S20 NIR 1916.</p> <p>Build a mound of sandstone, 3 ft. base, to brass cap. Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located E., 6 ft. dist., from a barbed wire fence line, bears N. and S.</p> <hr/> <p>N. 0°05' W., on the W. Bdy. of the NIR, near a barbed wire fence line thru section 17.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
40.01	<p>Point for the 1/4 sec. cor. of frac. sec. 17, now designated as the 21 1/2 mile cor., monumented with an iron post, 1 in. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.</p> <p>Raise a mound of sandstone, 3 1/2 ft. base to brass cap, remark brass cap to read</p>

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 11 E
	S 17 21 1/2 M NN
	2017 1916
	Cor. is located E., 2 ft. dist., from a barbed wire fence line, bears N. and S., on rolling terrain.

	N. 0°02' E., beginning new measurement.
40.01	The 22 mile cor., on the sec. line bet. secs. 8 and 17, monumented with an iron post, 3 ins. diam., firmly set, projecting 18 ins. above the ground, in a collapsed supporting mound of stone, with brass cap mkd. T24N R11E S8 22M S17 NIR 1916.
	Rebuild the supporting mound of stone, 5 ft. base, to brass cap. Add the marks 2017 and change the NIR to NN on brass cap.
	Cor. is located E., 4 ft. dist., from a barbed wire fence line, bears N. and S., on top of a small plateau.

	N. 0°02' W., on the W. Bdy. of the NIR, along a barbed wire fence line thru section 8.
	Over gently rolling terrain, supporting desert vegetation.
40.015	The 1/4 sec. cor. of frac. sec. 8, now designated as the 22 1/2 mile cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 7 ins. above the ground, with brass cap mkd. 1/4 S8 1916.
	Remark the brass cap to read
	T 24 N R 11 E
	S 8 22 1/2 M NN
	2017
	Cor. is located in a barbed wire fence line, bears N. and S., on gently rolling terrain.

	N. 0°03' E., beginning new measurement.

Dependent Resurvey of a Portion of the
West Boundary of the Navajo Indian Reservation Thru
Tps. 21 and 22 North, R. 11 E., and Partially Surveyed
Tps. 23, 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.075	<p>The witness cor. to meander cor. of frac. Sec. 8 and to Angle Point No. 1, monumented with an iron post, 3 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. WC AP1 T24N MC NIR R11E S 1916.</p> <p>Add the marks 2017 and change the NIR to NN on brass cap.</p> <p>Cor. is located in a barbed wire fence line, 14 ft. south of the top of a bluff.</p>
28.465	<p>The 1916 point for Angle Point No. 1, falls in Little Colorado River, near the left bank, not monumented.</p>
29.60	<p>Angle point at the intersection of the extension of the west boundary of the Navajo Nation with the present day center of the Little Colorado River, not monumented.</p>
<hr/> <p>Survey of the Meanders of a Portion of the Right Bank of the Little Colorado River thru Partially Surveyed Tps. 24 and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
<p>Memorandum: The boundary of the Navajo Nation, northerly from the intersection of the extension of the west boundary of the Navajo Nation with the present day center of the Little Colorado River, is determined at the center of the channel at the time of this survey. The river in this area is considered an ambulatory boundary. It is determined to estimate area of the Navajo Nation and is not to be considered a fixed boundary.</p>	
<hr/> <p>T. 24 N., R. 11 E.</p> <hr/>	
<p>From a meander cor. established on the right bank of the Little Colorado River, in partially surveyed T. 24 N., R. 11 E., not monumented.</p>	
<p>From this point, the angle point at the intersection of the west boundary of the Navajo Nation with the present center of the Little Colorado River, hereinbefore described, bears S. 72°12' W., 0.615 chs. dist.</p>	
<p>Thence downstream with the meanders of the right bank of the Little Colorado River, along a sandy bank 2 to 4 ft. high, in partially surveyed T. 24 N., R. 11 E.</p>	

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 17°48' W., 3.39 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears S. 73°47' W., 0.70 chs. dist.
N. 14°39' W., 11.18 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears S. 68°17' W., 0.85 chs. dist., not monumented.
N. 28°46' W., 1.35 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears S. 66°54' W., 0.70 chs. dist., not monumented.
N. 17°25' W., 6.90 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears S. 76°49' W., 0.44 chs. dist., not monumented.
N. 8°57' W., 2.73 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears S. 84°07' W., 0.53 chs. dist., not monumented.
N. 2°50' W., 3.44 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears N. 88°50' W., 0.45 chs. dist., not monumented.
N. 5°09' E., 10.55 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, bears N. 86°54' W., 0.88 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS

N. 1°03' E., 2.63 chs.

At end of course, true point for
a meander cor. on the 6th
Standard Parallel North, not
monumented.

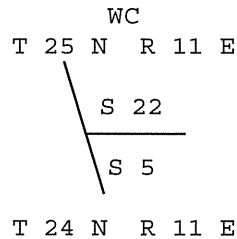
T. 25 N., R. 11 E.

From the true point for the meander cor. of the right bank of the
Little Colorado River, on the 6th Standard Parallel North.

From which the point selected for a witness cor., bears East,
2.70 chs. dist.

at the point for the witness cor.

Set a standard monument, 24 ins. in the ground, with brass cap
mkd.



2017

from which

A railroad spike, driven into a crack in bedrock, at the
base of a cliff, bears S. 88°26' E., 76 1/2 lks. dist.

Set a steel fence post nearby.

Thence downstream with the meanders of the right bank of the Little
Colorado River, along a sandy bank 2 to 4 ft. high, in an unsurveyed
portion of the township.

N. 5°33' W., 2.23 chs.

At end of course, an angle point
on the west boundary of the
Navajo Nation, at the present
center of the channel of the
Little Colorado River bears
S. 87°24' W., 0.82 chs. dist.,
not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 0°21' E., 6.27 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 87°38' W., 0.66 chs. dist., not monumented.
N. 5°04' W., 1.50 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 80°00' W., 0.75 chs. dist., not monumented.
N. 14°56' W., 8.72 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 73°14' W., 0.82 chs. dist., not monumented.
N. 18°36' W., 6.57 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 65°08' W., 0.97 chs. dist., not monumented.
N. 31°08' W., 1.45 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 68°32' W., 0.82 chs. dist., not monumented.
N. 11°48' W., 4.86 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 75°17' W., 0.83 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 17°37' W.,	4.12 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 61°59' W., 0.96 chs. dist., not monumented.
N. 38°25' W.,	3.33 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 55°14' W., 0.50 chs. dist., not monumented.
N. 31°06' W.,	3.95 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 64°42' W., 0.59 chs. dist., not monumented.
N. 19°30' W.,	4.67 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 76°44' W., 0.83 chs. dist., not monumented.
N. 7°02' W.,	5.11 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 74°03' W., 1.29 chs. dist., not monumented.
N. 24°53' W.,	3.42 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 60°09' W., 0.92 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
N. 34°51' W., 5.10 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 46°48' W., 1.02 chs. dist., not monumented.
N. 51°33' W., 1.38 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 53°40' W., 0.88 chs. dist., not monumented.
N. 21°07' W., 4.47 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 75°44' W., 0.83 chs. dist., not monumented.
N. 7°26' W., 3.94 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 79°11' W., 1.08 chs. dist., not monumented.
N. 14°13' W., 13.17 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 68°39' W., 0.67 chs. dist., not monumented.
N. 28°30' W., 6.29 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 54°11' W., 0.75 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 43°08' W., 1.59 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 41°38' W., 0.72 chs. dist., not monumented.
N. 53°36' W., 17.99 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 33°30' W., 0.67 chs. dist., not monumented.
N. 59°24' W., 11.20 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 33°20' W., 0.75 chs. dist., not monumented.
N. 53°57' W., 8.64 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 51°41' W., 0.55 chs. dist., not monumented.
N. 22°41' W., 10.04 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 51°55' W., 0.97 chs. dist., not monumented.
N. 53°30' W., 1.23 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 60°59' W., 0.50 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 4°32' E., 8.79 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 86°44' W., 0.83 chs. dist., not monumented.
N. 2°00' E., 12.25 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 89°11' W., 1.08 chs. dist., not monumented.
N. 0°21' W., 6.38 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 88°08' W., 0.75 chs. dist., not monumented.
N. 4°05' E., 5.90 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 81°57' W., 0.58 chs. dist., not monumented.
N. 12°00' E., 2.27 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 74°56' W., 0.53 chs. dist., not monumented.
N. 18°07' E., 8.51 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 54°56' W., 1.06 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
N. 52°00' E., 1.68 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 49°28' W., 1.92 chs. dist., not monumented.
N. 29°04' E., 4.82 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 66°31' W., 2.32 chs. dist., not monumented.
N. 17°54' E., 3.94 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 78°12' W., 2.24 chs. dist., not monumented.
N. 5°42' E., 5.33 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 88°10' W., 1.82 chs. dist., not monumented.
N. 9°22' W., 2.89 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 89°04' W., 1.18 chs. dist., not monumented.
N. 11°13' E., 2.48 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 84°21' W., 0.89 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 0°05' E., 5.85 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 87°23' W., 0.64 chs. dist., not monumented.
N. 5°18' W., 6.05 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 80°00' W., 0.73 chs. dist., not monumented.
N. 14°43' W., 7.76 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 71°49' W., 0.55 chs. dist., not monumented.
N. 21°40' W., 8.97 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 66°32' W., 0.58 chs. dist., not monumented.
N. 25°16' W., 9.11 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 61°04' W., 0.61 chs. dist., not monumented.
N. 32°37' W., 13.77 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 50°10' W., 0.81 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
N. 47°04' W., 2.94 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 47°26' W., 0.73 chs. dist., not monumented.
N. 38°04' W., 20.76 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 53°56' W., 0.61 chs. dist., not monumented.
N. 34°03' W., 14.85 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 50°40' W., 0.86 chs. dist., not monumented.
N. 44°38' W., 3.50 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 53°28' W., 0.79 chs. dist., not monumented.
N. 28°27' W., 5.63 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 68°22' W., 0.57 chs. dist., not monumented.
N. 14°49' W., 7.17 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 87°46' W., 0.75 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
N. 19°17' E., 3.33 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 79°05' W., 1.62 chs. dist., not monumented.
N. 2°32' E., 3.92 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 89°12' W., 2.48 chs. dist., not monumented.
N. 4°09' W., 4.61 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 78°28' W., 2.62 chs. dist., not monumented.
N. 18°54' W., 3.71 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 76°39' W., 2.00 chs. dist., not monumented.
N. 7°48' W., 2.11 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 87°07' W., 1.60 chs. dist., not monumented.
N. 13°35' E., 2.77 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 87°01' W., 1.74 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 7°37' W., 9.36 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 85°06' W., 0.91 chs. dist., not monumented.
N. 2°11' W., 1.77 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 86°17' W., 0.75 chs. dist., not monumented.
N. 9°38' E., 18.99 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears N. 88°06' W., 0.79 chs. dist., not monumented.
N. 5°50' W., 14.47 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 79°58' W., 0.50 chs. dist., not monumented.
N. 14°13' W., 1.81 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 71°26' W., 0.48 chs. dist., not monumented.
N. 22°56' W., 7.62 chs.		At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 64°47' W., 0.59 chs. dist., not monumented.

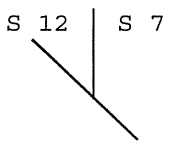
Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS		
N. 27°29' W.,	8.28 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 59°08' W., 0.73 chs. dist., not monumented.
N. 34°14' W.,	3.74 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 61°43' W., 0.50 chs. dist., not monumented.
N. 23°19' W.,	7.65 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 63°25' W., 0.78 chs. dist., not monumented.
N. 29°52' W.,	3.62 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 67°36' W., 0.70 chs. dist., not monumented.
N. 14°56' W.,	5.53 chs.	At end of course, an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River bears S. 71°00' W., 1.02 chs. dist., not monumented.

Survey of the Meanders of a Portion of the
Right Bank of the Little Colorado River thru
Partially Surveyed Tps. 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>N. 23°03' W., 5.60 chs. At end of course, a point on the W. bdy. of the Township, not monumented, from which an angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River and the W. bdy. of the Township bears S. 00°02' W., 1.75 chs. dist., not monumented. From this same point the witness cor. to the meander cor., on the W. bdy. of the Township, bears N. 00°02' E., 2.285 chs. dist., hereinafter described.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Sixth Stan. Par. North (South Boundary), Partially Surveyed T. 25 N., R. 11 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the standard cor. of secs. 31 and 32, monumented with an iron post, 3 ins. diam., loosely set, projecting 34 ins. above the ground, in a scattered mound of stone, with a brass cap mkd. SC T25N R11E S31 S32 1916.</p> <p>Reset the original iron post, 36 ins. long, 8 ins. in the ground, and in a mound of stone, 4 ft. base, 20 ins. high, and add the marks 2017 to the brass cap.</p> <p>East, along the Sixth Stan. Par. North.</p>
36.29	Point for the meander cor. on the left bank of the Little Colorado River, determined at record dist., there is no remaining evidence of the original meander cor., not remonumented.
39.26	Angle point on the west boundary of the Navajo Nation, at the present center of the channel of the Little Colorado River, not monumented.
40.20	The true point for the meander cor. of the right bank of the Little Colorado River, hereinbefore described.
42.90	The point selected for a witness cor. for the meander cor. on the right bank of the Little Colorado River, hereinbefore described.

**Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Restoring the Survey Executed by Theodore O. Johnston, in 1916 and the Dependent Resurvey executed by Duane R. Garoutte, 1985</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the meander corner of secs. 7 and 12, on the left bank of the Little Colorado River, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. MC S12 S7 R10E R11E T25N 1985, with a steel "U-Post" fence post set nearby.</p> <p>Add the marks 2017 to the brass cap.</p> <p>N. 0°02' E., bet. Secs. 7 and 12.</p> <p>Over gently rolling, river bottom.</p>
10.90	An angle point of the west boundary of the Navajo Nation, at the center of the channel of the Little Colorado River, hereinbefore described.
12.65	A meander corner, on the right bank of the Little Colorado River, on a sand bank, 3 ft. high, hereinbefore described.
14.935	<p>Point selected for the witness cor. to the meander cor. on the right bank of the Little Colorado River, bet. Secs. 7 and 12.</p> <p>at the corner point</p> <p>Set a standard monument, 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>WC T 25 N R 10 E R 11 E</p>  <p>S 12 S 7</p> <p>2017</p> </div> <p>Set a steel "T-Post" fence post nearby.</p>
36.50	Trail road, 9 ft. wide, bears. N. 80° E. and S. 80° W.
36.935	<p>The sec. cor. of secs. 1, 6, 7 and 12, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T25N R10E R11E S1 S6 S12 S7 1985, with a steel "T-Post" fence post nearby.</p> <p>From this point, a brass cap, 3 1/2 in. diam., firmly set, 2 ins. below the ground, in a cast iron survey well, 6 ins. diam., mkd. 35 BKC 1968, bears S. 89°39' E., 8.438 chs. dist.</p>

**Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Add the marks 2017 to the brass cap.</p> <hr/> <p>N. 0°02' E., bet. secs. 1 and 6.</p> <p>Over level, desert terrain.</p>
10.35	Graded road, 20 ft. wide, bears. S. 40° E. and N. 40° W.
40.145	The 1/4 sec. cor. of sec. 1 and 6, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above the ground, with brass cap mkd. T25N R10E R11E 1/4 S1 S6 1985, with a settled mound of stone, 2 1/2 ft. base, 1 ft. high, W. of the cor.
80.29	The cor. of Tps. 25 and 26 N., Rs. 10 and 11 E., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. T25N R10E R11E S36 S31 S1 S6 1985, with a mound of stone, 3 ft. base, 1 ft. high, S. of cor.
	<p>Add the marks 2017 to the brass cap.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the South Boundary, Partially Surveyed T. 23 N., R. 11 E.</p> <hr/> <p style="text-align: center;">Restoring the Survey Executed by Thomas B. Mathews, in 1916</p> <hr/> <p>From the township cor. of Townships 22 and 23 North, Ranges 11 and 12 East, monumented with an iron post, 3 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd. T23N R11E R12E S36 S31 S1 S6 T22N 1932, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor.</p> <p>Add the marks 2017 to the brass cap.</p> <p>N. 89°55' W., bet. secs. 1 and 36.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
39.88	The 1/4 sec. cor. of secs. 1 and 36, monumented with an iron post, 1 in. diam., projecting 24 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S36 S1 1932.
	<p>Rebuild the supporting mound of stone, 2 1/2 ft. base, 1 ft. high, and add the marks T23N R11E T22N 2017 to the brass cap.</p> <hr/> <p>N. 89°58' W., beginning new measurement.</p>

Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS											
40.04	<p>Point for the cor. of secs. 1, 2, 35 and 36, at proportionate distance, there is no remaining evidence of the orig. cor.</p> <p>Set a standard monument, 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 23 N</td><td>R 11 E</td></tr> <tr><td>S 35</td><td>S 36</td></tr> <tr><td>S 2</td><td>S 1</td></tr> <tr><td colspan="2">T 22 N</td></tr> </table> <p>2017</p> </div> <hr/> <p>N. 89°58' W., bet. secs. 2 and 35.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>	T 23 N	R 11 E	S 35	S 36	S 2	S 1	T 22 N			
T 23 N	R 11 E										
S 35	S 36										
S 2	S 1										
T 22 N											
40.04	<p>Point for the 1/4 sec. cor. of secs. 2 and 35, at proportionate distance, there is no remaining evidence of the orig. cor.</p> <p>Set a standard monument, 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 23 N</td><td>R 11 E</td></tr> <tr><td>S 35</td><td></td></tr> <tr><td>1/4</td><td>—</td></tr> <tr><td>S 2</td><td></td></tr> <tr><td colspan="2">T 22 N</td></tr> </table> <p>2017</p> </div>	T 23 N	R 11 E	S 35		1/4	—	S 2		T 22 N	
T 23 N	R 11 E										
S 35											
1/4	—										
S 2											
T 22 N											
79.80	<p>Trail road, 6 ft. wide, bears S. 10° E. and N. 10° W.</p>										
80.08	<p>Point for the cor. of secs. 2, 3, 34 and 35, at proportionate distance, there is no remaining evidence of the orig. cor.</p> <p>Set a standard monument, 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr><td>T 23 N</td><td>R 11 E</td></tr> <tr><td>S 34</td><td>S 35</td></tr> <tr><td>S 3</td><td>S 2</td></tr> <tr><td colspan="2">T 22 N</td></tr> </table> <p>2017</p> </div> <hr/> <p>N. 89°58' W., bet. secs. 3 and 34.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>	T 23 N	R 11 E	S 34	S 35	S 3	S 2	T 22 N			
T 23 N	R 11 E										
S 34	S 35										
S 3	S 2										
T 22 N											

Dependent Resurvey of a Portion of the West Boundary,
Partially Surveyed T. 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS	
40.04	<p>The 1/4 sec. cor. of secs. 3 and 34, monumented with an iron post, 1 in. diam., projecting 9 ins. above ground, with brass cap mkd. 1/4 S34 S3 1932, with a mound of stone, 4 ft. base, 2 ft. high, N. of cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°59' W., beginning new measurement.</p>
39.955	<p>The sec. cor. of secs. 3, 4, 33 and 34, monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd. T23N R11E S33 S34 S4 S3 T22N 1932, with a mound of stone, 4 ft. base, 2 ft. high, W. of cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°57' W., bet. secs. 4 and 33.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
39.99	<p>The 1/4 sec. cor. of secs. 4 and 33, monumented with an iron post, 1 in. diam., projecting 9 ins. above ground, with brass cap mkd. 1/4 S33 S4 1932, with a mound of stone, 4 ft. base, 2 ft. high, N. of cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°54' W., beginning new measurement.</p>
40.05	<p>The sec. cor. of secs. 4, 5, 32 and 33, monumented with an iron post, 2 ins. diam., firmly set but leaning, projecting 9 ins. above the ground, with brass cap mkd. T23N R11E S32 S33 S5 S4 T22N 1932, with a collapsed mound of stone W. of cor.</p> <p>Plumb the iron post and incorporate the scattered mound of stone in a supporting mound of stone, and add the marks 2017 to the brass cap.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89°53' W., bet. secs. 5 and 32.</p> <p>Over gently rolling terrain, supporting desert vegetation.</p>
24.365	<p>The 6 mile cor. of the west boundary of the Navajo Indian Reservation, hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/>

Tps. 21 and 22 North, R. 11 E.,
and Partially Surveyed Tps. 23, 24 and 25 N., R. 11 E.,
Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The purpose of this dependent resurvey is to verify that the fence line, constructed with steel "T-post" fence posts, and 4 strands of barbed wire, runs along the west boundary of the Navajo Nation as defined by the recovered monuments.

The SW cor. of the west boundary of the Navajo Nation is located approximately 1 mile southeast of the Twin Arrows Navajo Casino Resort and approximately 23 miles east of Flagstaff, Arizona. Access is by way of U.S. Highway 40 to various trail roads.

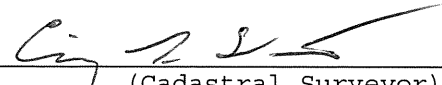
The project site is generally open, rolling terrain. The elevation varies from approximately 5767 feet above sea level at the SW cor. of the boundary, to approximately 4350 feet above sea level along the Little Colorado River.

The mean magnetic declination of 10 1/2° E. was derived from the NOAA computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2015 for the dates of survey.

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 6th day of April, 2017, I have dependently resurveyed a portion of the west boundary of the Navajo Indian Reservation from the southwest corner to the intersection with the Little Colorado River thru Townships 21 and 22, Range 11 East, and thru Partially Surveyed Townships 23 and 24, Range 11 East, surveyed the meanders of a portion of the right bank of the Little Colorado River thru Partially Surveyed Townships 24 and 25 North, Range 11 East, the dependently resurveyed portions of the Sixth Standard Parallel North (South Boundary), and west boundary, Partially Surveyed Township 25 North, Range 11 East, and dependently resurveyed a portion of the south boundary, Partially Surveyed Township 23 North, Range 11 East, 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, 2009, and in specific manner described in the foregoing field notes.

4/12/18
(Date)

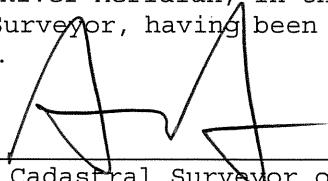

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the west boundary of the Navajo Indian Reservation from the southwest corner to the intersection with the Little Colorado River thru Townships 21 and 22, Range 11 East, and thru Partially Surveyed Townships 23 and 24, Range 11 East, the survey of the meanders of a portion of the right bank of the Little Colorado River thru Partially Surveyed Townships 24 and 25 North, Range 11 East, the dependent resurvey of portions of the Sixth Standard Parallel North (South Boundary), and the west boundary, Partially Surveyed Township 25 North, Range 11 East, and the dependent resurvey of a portion of the south boundary, Partially Surveyed Township 23 North, Range 11 East, 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.

4/26/2018
(Date)


(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in Tps. 21 and 22 N., R. 11 E., and Partially Surveyed Tps. 23, 24, and 25 N., R. 11 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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