

ORIGINAL

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

FIELD NOTES
OF THE SURVEY OF
A PORTION OF THE NORTH BOUNDARY
AND PORTIONS OF THE
SUBDIVISIONAL LINES
AND THE SUBDIVISION OF
SECTIONS 32 AND 33
TOWNSHIP 33 1/2 NORTH, RANGE 9 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated May 3, 2012, approved May 3, 2012, which provided for the surveys included under Group No. 1107, and assignment instructions dated May 3 and May 24, 2012.

Survey commenced June 16, 2012

Survey completed July 18, 2012

INDEX DIAGRAM

TOWNSHIP 33 1/2 NORTH RANGE 9 EAST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of a portion of the north boundary, portions of the subdivisional lines, and the subdivision of sections 32 and 33, Township 33 1/2 North, Range 9 East, Gila and Salt River Meridian, Arizona.

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

Philip Contzen surveyed the east, west and north boundaries, Township 33 North, Range 10 East, in 1905. Daniel L. Maxey dependently resurveyed the west and north boundaries, Township 33 North, Range 10 East, in 2009. Jones Curtiss established the northeast township corner, Township 33 North, Range 8 East, the northwest township corner, Township 33 North, Range 9 East, and the northeast township corner, Township 33 1/2 North, Range 9 East, in 2009. An Amended Protraction Diagram was prepared in 2011 to establish the plan to extend the rectangular system over unsurveyed sections within this township. Craig S. Dukart surveyed a portion of the north boundary (south boundary), Township 33 North, Range 9 East, in 2012, concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions (2009), and the Special Instructions dated May 3, 2012, for Group Number 1107, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700, 5800 and 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) DK8419 AZPG CITY OF PAGE CORS ARP, DJ8981 FST5 FLAGSTAFF 5 CORS ARP, AI8820 FERN FERNO MESA CORS ARP and AI8805 FRED FREDONIA CORS ARP. The NAD 83 (2011) (EPOCH: 2010), geographic position of the following two corners.

The corner of sections 3, 4, 33 and 34 on the south boundary of the township is as follows:

Latitude: 36°16'43.45" N. Longitude: 111°25'17.73" W.

The corner of the sections 29, 30, 31 and 32, on the north boundary of the township, is as follows:

T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

Latitude: 36°17'40.90" N. Longitude: 111°27'26.73" W.

The mean magnetic declination is 11° E.

**Survey of a portion of the North Boundary,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona**

Beginning at the point for the cor. of secs. 27, 28, 33 and 34, on the north boundary.

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

T 34 N	R 9 E
S 33	S 34
S 28	S 27
T 33 1/2 N	

2012

From this cor. point, the cor. of Tps. 33 1/2 and 34 N., Rs. 9 and 10 E., bears East, 240.00 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. T34N R9E R10E S36 S31 S25 S30 T33 1/2N 2009, and with an alum. tag mkd. WPACIFIC 6/4/10 LS33318 KAM wired to post. Add the marks 2012 to the brass cap, from which

A reference monument, bears N. 37°39' E., 1280.0 ft. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. RM T34N R10E 1280.0 FT. TO COR S31 2009 and an arrow pointing to the cor. Add the marks 2012 to the brass cap.

A reference monument, bears N. 80°50' W., 30.0 ft. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, flush with the ground, with brass cap mkd. RM T34N R9E 30.0 FT. TO COR S36 2009 and an arrow pointing to the cor. Add the marks 2012 to the brass cap.

From this same cor. point, the cor. of Tps. 33 and 34 N., R. 8 E. and Tps. 33 1/2 and 34 N., R. 9 E., bears West, 241.99 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with brass cap mkd. T34N R8E R9E S36 S31 S1 S30 T33N T33 1/2N R8E R9E 2009, and with an alum. tag mkd. WHPACIFIC 6/4/10 LS33318 KAM wired to post. Add the marks 2012 to the brass cap, from which

Survey of a Portion of the North Boundary,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS							
	<p>A reference monument, bears S. 39°44' W., 33.0 ft. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 1 in. above the ground, with brass cap mkd. RM T33N R8E 33.0 FT. TO COR S1 2009 and an arrow pointing to the cor. Add the marks 2012 to the brass cap.</p> <p>A reference monument, bears N. 54°59' W., 850.0 ft. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, encircled with a stone collar, with brass cap mkd. RM T34N R8E 850.0 FT. TO COR S36 2009 and an arrow pointing to the cor. Add the marks 2012 to the brass cap.</p> <p>West, bet. secs. 28 and 33, on the north boundary.</p> <p>Over broken and rugged terrain.</p>						
40.00	<p>Point for the 1/4 sec. cor. of secs. 28 and 33.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole in sandstone, with top mkd.</p> <div style="text-align: center;"> <p>T 34 N R 9 E</p> <p>S 33</p> <p>1/4 ———</p> <p>S 28</p> <p>T 33 1/2 N</p> <p>2012</p> </div> <p>Deposit a magnet at the base of the stem of the brass tablet.</p>						
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33; falls on loose boulder, 6 x 9 ft., 5 ft. high; not monumented.</p> <p>From this true point, the point selected for the witness cor. bears S. 23°52' E., 34 1/2 lks. dist.</p> <p>At the witness cor. point</p> <p>Set a standard monument, 24 ins. in the ground, mkd.</p> <div style="text-align: center;"> <p>WC </p> <p>T 34 N R 9 E</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 32</td> <td style="padding: 0 5px;">S 33</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 29</td> <td style="padding: 0 5px;">S 28</td> </tr> <tr> <td colspan="2" style="padding: 0 5px;">T 33 1/2 N</td> </tr> </table> <p>2012</p> </div> <p>Set a steel "T-post" fence post near the cor.</p>	S 32	S 33	S 29	S 28	T 33 1/2 N	
S 32	S 33						
S 29	S 28						
T 33 1/2 N							

**Survey of a Portion of the North Boundary,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Terrain, rugged. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.</p> <hr/> <p>West, bet. secs. 29 and 32, on the north boundary.</p> <p>Over rolling to rugged terrain.</p>
2.70	Base of Echo Cliffs, bears S. 15° E. and N. 15° W.
26.45	High voltage transmission line, bears N. 14° E. and S. 14° W.
28.50	High voltage transmission line, bears N. 14° E. and S. 14° W.
33.30	Hamblin Wash, 100 ft. wide, 3 ft. deep, drains S. 40° E.
34.05	Utility Line, 5 strand, bears N. 12° E. and S. 12° W.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 32.
	Set a standard monument, 22 ins. in the ground, mkd.
	<p>T 34 N R 9 E S 32 1/4 ——— S 29 T 33 1/2 N</p> <p>2012</p>
	Set a steel "T-post" fence post near the cor.
44.10	Underground waterline, bears S. 38° E. and N. 38° W.
55.05	High voltage transmission line, bears N. 17° E. and S. 17° W.
55.65	Easterly right-of-way fence, bears S. 30° E. and N. 30° W.
55.844	From this point, an Arizona Department of Transportation cor., bears N., 19.2 lks. dist., monumented with a brass cap, 3 1/2 ins. diam., in a cement casing, 10 ins. diam., firmly set, projecting 2 ins. above the ground, mkd. POWER 1983.
57.05	Easterly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 30° E. and N. 30° W.
57.80	Westerly edge of Highway No. 89, bears S. 30° E. and N. 30° W.
59.30	Westerly right-of-way fence, bears S. 30° E. and N. 30° W.

**Survey of a Portion of the North Boundary,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona**

CHAINS									
61.85	Utility line, 2 strand, bears S. 37° E. and N. 37° W.								
78.80	High voltage transmission line, bears N. 27° E. and S. 27° W.								
80.00	Point for the cor. of secs. 29, 30, 31 and 32.								
	Set a standard monument, 22 ins. in the ground, encircled with a rock collar, mkd.								
	<table style="margin: auto;"> <tr> <td>T 34 N</td> <td>R 9 E</td> </tr> <tr> <td>S 31</td> <td>S 32</td> </tr> <tr> <td>S 30</td> <td>S 29</td> </tr> <tr> <td colspan="2">T 33 1/2 N</td> </tr> </table>	T 34 N	R 9 E	S 31	S 32	S 30	S 29	T 33 1/2 N	
T 34 N	R 9 E								
S 31	S 32								
S 30	S 29								
T 33 1/2 N									
	2012								
	From this cor. point, the cor. of Tps. 33 1/2 and 34 N., Rs. 9 and 10 E., bears East, 400.00 chs. dist., hereinbefore described.								
	From this same cor. point, the cor. of Tps. 33 and 34 N., R. 8 E. and Tps. 33 1/2 and 34 N., R. 9 E., bears West, 81.99 chs. dist., hereinbefore described.								
	This cor. is located E., 37 ft. from the left bank of a wash, bears N. 35° E. and S. 35° W., in the bottom of a canyon, 100 ft. wide, 80 ft. deep.								
	Terrain, rugged.								
	Soil, sand and sandstone.								
	Timber, none.								
	Undergrowth, various desert vegetation.								
	<hr/> <p>Survey of a portion of the Subdivisional Lines, T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona</p> <hr/>								
	From cor. of secs. 3, 4, 33 and 34 on the south boundary, monumented with stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T33 1/2N R9E S33 S34 S4 S3 T33N 2012.								
	N. 0°02' W., bet. secs. 33 and 34.								
	Over broken and rugged terrain.								
40.00	Point for the 1/4 sec. cor. of secs. 33 and 34.								
	Set a standard monument, 24 ins. in sandstone, mkd.								

Survey of a Portion of the Subdivisional Lines,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 33 1/2 N R 9 E 1/4 S 33 S 34 2012
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set a standard monument, 24 ins. in the ground, mkd. <div style="text-align: center;"> T 33 1/2 N R 9 E S 28 S 27 S 33 S 34 2012 </div> Set a steel "T-post" fence post near the cor. Terrain, rugged. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.
	N. 0°02' W., bet. secs. 27 and 28. Over broken terrain.
8.04	Cor. of secs 27, 28, 33 and 34, on the North boundary, hereinbefore described. Terrain, rugged. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.
	From cor. of secs. 4, 5, 32 and 33 on the south boundary, monumented with stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T33 1/2N R9E S32 S33 S5 S4 T33N 2012. N. 0°03' W., bet. secs. 32 and 33. Over rolling to level terrain, crossing Hamblin wash.
40.00	Point for the 1/4 sec. cor. of secs. 32 and 33. Set a standard monument, 24 ins. in the ground, encircled by a rock collar, mkd.

Survey of a Portion of the Subdivisional Lines,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 33 1/2 N R 9 E 1/4 S 32 S 33</p> <p style="text-align: center;">2012</p> <p>Set a steel "T-post" fence post near the cor.</p> <p>From this cor. point, the hand pump at Hulchee Well, bears N. 45°59' W., 9.06 chs. dist., situated on a concrete pad, 10 x 10 ft., 1 ft. high.</p>
80.00	<p>Point for the cor. of secs. 28, 29, 32 and 33.</p> <p>Set a standard monument, 24 ins. in the ground, mkd.</p> <p style="text-align: center;">T 33 1/2 N R 9 E S 29 S 28 S 32 S 33</p> <p style="text-align: center;">2012</p> <p>Set a steel "T-post" fence post near the cor.</p> <p>Corner is located on a shelf between two cliffs.</p> <p>Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, scattered juniper. Undergrowth, various desert vegetation.</p> <hr/>
40.00	<p>From the cor. of secs. 27, 28, 33 and 34.</p> <p>West, bet. secs. 28 and 33.</p> <p>Over rugged Echo Cliffs.</p> <p>Point for the 1/4 sec. cor. of secs. 28 and 33.</p> <p>Set a standard monument, 22 ins. in sandstone, and in a mound of stone, 3 ft. base to cap mkd.</p>
80.00	<p style="text-align: center;">T 33 1/2 N R 9 E S 28 1/4 ——— S 33</p> <p style="text-align: center;">2012</p> <p>The cor. of secs. 28, 29, 32 and 33.</p>

Survey of a Portion of the Subdivisional Lines,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.</p> <hr/> <p>N. 0°03' W., bet. of secs. 28 and 29.</p> <p>Over rolling and broken terrain.</p>
8.04	<p>The cor. of secs. 28, 29, 32 and 33, on the north boundary, hereinbefore described.</p> <hr/> <p>From cor. of secs. 5, 6, 31 and 32 on the south boundary, monumented with stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. T33 1/2N R9E S31 S32 S6 S5 T33N 2012.</p> <p>N. 0°03' W., bet. secs. 31 and 32.</p> <p>Over rolling to level terrain, crossing Hamblin wash.</p>
6.35	High voltage transmission line, bears N. 17° E. and S. 17° W.
38.40	Trail road, 8 ft. wide, bears N. 85° E. and S. 65° W.
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 32.</p> <p>Set a standard monument, 27 ins. in the ground, mkd.</p> <p style="text-align: center;">T 33 1/2 N R 9 E 1/4 S 31 S 32 2012</p>
	Raise a mound of stone, 2 1/2 ft. base, 2 1/2 ft. high, W. of cor.
40.40	Trail road, 8 ft. wide, bears S. 80° E. and N. 50° W.
80.00	<p>Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set a standard monument, 18 ins. in sandstone, and in a mound of stone, 3 1/2 ft. base, to brass cap mkd.</p> <p style="text-align: center;">T 33 1/2 N R 9 E S 30 S 29 S 31 S 32 2012</p>

Survey of a Portion of the Subdivisional Lines,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.</p> <hr/> <p>From the cor. of secs. 28, 29, 32 and 33.</p> <p>West, bet. secs. 29 and 32.</p> <p>Over rolling to broken terrain.</p>
28.45	High voltage transmission line, bears N. 14° E. and S. 14° W.
29.30	Easterly bank of Hamblin wash, bears S. 10° E. and N. 10° W.
30.50	High voltage transmission line, bears N. 14° E. and S. 14° W.
30.80	Westerly bank of Hamblin wash, bears N. and S.
31.70	Easterly bank of wash, bears S. 25° E. and N. 25° W.
33.15	Westerly bank of wash, bears S. 25° E. and N. 25° W.
36.05	Utility line, 5 strand, bears N. 15° E. and S. 15° W.
39.05	Underground waterline, bears S. 26° E. and N. 26° W.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 32.
	Set a standard monument, 29 ins. in the ground, mkd.
	<p>T 33 1/2 N R 9 E S 29 1/4 ——— S 32</p> <p>2012</p>
	Set a steel "T-post" fence post near the cor.
	Cor. falls N. of a house.
50.85	Easterly right-of-way fence, bears S. 32° E. and N. 32° W.
52.15	Easterly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 32° E. and N. 32° W.
53.05	Westerly edge of Highway No. 89, bears S. 32° E. and N. 32° W.
54.45	Westerly right-of-way fence, bears S. 32° E. and N. 32° W.
56.70	Utility line, 2 strand, bears S. 32° E. and N. 32° W.

**Survey of a Portion of the Subdivisional Lines,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona**

CHAINS	
57.50	High voltage transmission line, bears N. 17° E. and S. 17° W.
80.00	The cor. of secs. 29, 30, 31 and 32. Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.
	N. 0°03' W., bet. of secs. 29 and 30. Over rolling and broken terrain.
2.45	Canyon, 80 ft. wide, 50 ft. deep, bears N. 45° E.
5.65	High voltage transmission line, bears N. 27° E. and S. 27° W.
8.035	The cor. of secs. 29, 30, 31 and 32, on the north boundary, hereinbefore described.
	Subdivision of Section 32, T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 5 and 32, on the south boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, in a mound of stone, 4 ft. base to brass cap mkd. T33 1/2 N R9E S32 1/4 S5 T33N 2012. N. 0°03' W., on the N. and S. center line of sec. 32.
33.80	High voltage transmission line, bears N. 14° E. and S. 14° W.
40.00	Point for the center 1/4 sec. cor. of sec. 32, at intersection with the E. and W. center line. Set a standard monument, 22 ins. in the ground, encircled by a sandstone collar, mkd.
	T 33 1/2 N R 9 E C 1/4 S 32 2012
42.00	High voltage transmission line, bears N. 14° E. and S. 14° W.
55.95	Southerly right-of-way fence, bears S. 31° E. and N. 31° W.

**Subdivision of Section 32,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona**

CHAINS	
58.25	Southerly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 31° E. and N. 31° W.
59.50	Northerly edge of Highway No. 89, bears S. 31° E. and N. 31° W.
61.85	Northerly right-of-way fence, bears S. 31° E. and N. 31° W.
80.00	The 1/4 sec. cor. of secs. 29 and 32.
<hr/>	
	From the 1/4 sec. cor. of secs. 32 and 33.
	West, on the E. and W. center line of sec. 32.
3.70	Easterly bank of Hamblin Wash, bears S. 35° E. and N. 40° W.
13.90	Westerly bank of Hamblin Wash, bears S. 55° E. and N. 50° W.
16.30	Underground waterline, bears S. 40° E. and N. 40° W.
17.05	Abandoned highway, dirt, bears S. 40° E. and N. 40° W.
26.90	Easterly right-of-way fence, bears S. 30° E. and N. 30° W.
28.35	Easterly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 30° E. and N. 30° W.
29.10	Westerly edge of Highway No. 89, bears S. 30° E. and N. 30° W.
30.50	Westerly right-of-way fence, bears S. 30° E. and N. 30° W.
32.55	Utility line, 2 strand, bears S. 32° E. and N. 32° W.
38.45	High voltage transmission line, bears N. 14° E. and S. 14° W.
40.00	The center 1/4 sec. cor. of sec. 32.
40.50	High voltage transmission line, bears N. 14° E. and S. 14° W.
46.00	Utility line, 5 strand, bears N. 14° E. and S. 14° W.
69.75	High voltage transmission line, bears N. 17° E. and S. 17° W.
80.00	The 1/4 sec. cor. of secs. 31 and 32.
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<p>Subdivision of Section 33, T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona</p>	
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Subdivision of Section 33,
T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the point for the 1/4 sec. cor. of secs. 4 and 33, on the south boundary, determined N. 55°00' E., 3.788 chs. dist., from the witness cor., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. WC T33 1/2N R9E S33 1/4 S4 T33N 2012 and an arrow pointing towards the cor. point.</p>
	<p>N. 0°02' W., on the N. and S. center line of sec. 33.</p>
40.00	<p>Point for the center 1/4 sec. cor. of sec. 33, at intersection with the E. and W. center line, falls in an inaccessible place; not monumented.</p>
	<p>From this true point, the point selected for the witness cor. bears N. 73°00' W., 4.55 chs. dist.</p>
	<p>At the witness cor. point</p>
	<p>Set a standard monument, 24 ins. in the ground, mkd.</p>
	<p style="text-align: center;">WC T 33 1/2 N R 9 E C 1/4 S 33 ↘ 2012</p>
80.00	<p>The 1/4 sec. cor. of secs. 28 and 33.</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 33 and 34.</p>
	<p>West, on the E. and W. center line of sec. 33.</p>
40.00	<p>The point for the center 1/4 sec. cor. of sec. 33.</p>
49.05	<p>Base of Echo Cliffs, bears S. 35° E. and N. 35° W.</p>
80.00	<p>The 1/4 sec. cor. of secs. 32 and 33.</p> <hr/>

T. 33 1/2 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The intent of this survey is to monument the sections along the Highway 89 corridor, which runs northerly and southerly through the township. The terrain varies from level in the Hamblin Wash area, to broken and rugged land

The elevation varies from 4,600 to 5,000 feet above sea level. The soil is sand with areas of sandstone outcrops and ledges. The vegetation is salt brush, Mormon tea, rabbit brush and native grasses throughout the township, with some areas of scattered juniper trees.

The mean magnetic declination of 11° E. was derived from the National Geophysical Data Center's magnetic declination calculator, for the dates of the survey.

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

FIELD ASSISTANTS

NAMES	CAPACITY
Robert J. Lyle	Surveying Technician
Mark R. Searles	Surveying Technician
Daniel Bryon	Engineering Technician
Byron J. Shorty	Engineering Technician
Kevin Tso	Engineering Technician
Alyssa M. Little	Survey Aid
Luke R. Hullinger	Survey Aid
Rafael J. Tapaha	Survey Aid

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 3rd day of May, 2012, I have surveyed a portion of the north boundary, portions of the subdivisional lines, and the subdivision of sections 32 and 33, Township 33 1/2 North, Range 9 East, Gila and Salt River Meridian, 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 (2009), and in specific manner described in the foregoing field notes.

4/28/13

(Date)

Craig S. Dukart

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the survey of a portion of the north boundary, portions of the subdivisional lines, and the subdivision of sections 32 and 33, Township 33 1/2 North, Range 9 East, Gila and Salt River Meridian, Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

5/9/2013

(Date)

Stephen K. Hansen

(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. 33 1/2 N., R. 9 E., of the Gila and Salt River Meridian, in the State of Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~