### **ORIGINAL**

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE SURVEY OF

A PORTION OF THE

SOUTH BOUNDARY

PORTIONS OF THE

SUBDIVISIONAL LINES

AND THE SUBDIVISION OF

SECTIONS 30, 31 AND 32

TOWNSHIP 34 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, and Supplemental Special Instructions dated August 7, 2012, approved August 7, 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

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TOWNSHIP 34 NORTH RANGE 9 EAST GILA AND SALT RIVER MERIDIAN, ARIZONA

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#### T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of a portion of the south boundary, portions of the subdivisional lines, and the subdivision of sections 30, 31 and 32, Township 34 North, Range 9 East, Gila and Salt River Meridian, Arizona.

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

Craig S. Dukart surveyed the Second Guide Meridian East (west boundary) in 2010 and surveyed a portion of the south boundary in 2012 concurrently under this same group. Joe R. Salazar established the northwest corner and an electronic control monument on 2009. An Amended Protraction Diagram was prepared in 2011 to establish the plan to extend the rectangular system over unsurveyed sections within this township.

The survey was executed in accordance with the specifications as set forth in the  $\underline{\text{Manual of Instructions}}$  (2009), and the Supplemental Special Instructions dated August 7, 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, DL1882 AZFL NAU FLAGSTAFF CORS ARP, and AI8805 FRED FREDONIA CORS ARP. The NAD 83 (2011) (EPOCH: 2010), geographic position of the following two corners.

The corner of the sections 28, 29, 32 and 33, on the south boundary of the township, is as follows:

Latitude: 36°17'40.90" N. Longitude: 111°26'22.25" W.

The corner of sections 19, 24, 25 and 30 on the west boundary of the township is as follows:

Latitude: 36°19'25.29" N. Longitude: 111°28'32.81" W.

### T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

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The mean magnetic declination is 11° E.

#### Survey of a portion of the South Boundary, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

From the cor. of secs. 29, 30, 31 and 32 on the south boundary, monumented with stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with a sandstone collar, with brass cap mkd. T34N R9E S31 S32 S30 S29 T33 1/2N 2012.

West, bet. secs. 30 and 31.

Over broken and rugged terrain.

40.00 | Point for the 1/4 sec. cor. of secs. 30 and 31.

Set a standard monument, 25 ins. in sandstone, mkd.

T 34 N R 9 E S 31 1/4 — S 30 T 33 1/2 N

2012

Set a steel "T-post" fence post near the cor.

81.99 The cor. of Tps. 33 and 34 N., R. 8 E. and Tps. 33 1/2 and 34 N., R. 9 E., 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 2012, and with an alum. tag mkd. WHPACIFIC 6/4/10 LS33318

KAM wired to post, from which

- 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 2012 and an arrow pointing to the cor.
- 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 2012 and an arrow pointing to the cor.

### Survey of a Portion of the South Bpundary, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

TNS

Terrain, broken mesa and sandstone hills. Soil, sand and sandstone.

Timber, none.

Undergrowth, various desert vegetation.

#### Survey of a portion of the Subdivisional Lines, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

From the true point for the cor. of secs. 28, 29, 32 and 33 on the south boundary; not monumented, from which the witness cor., bears S. 23°52' E., 34 1/2 lks. dist., monumented with stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. WC T34N R9E S32 S33 S29 S28 T33 1/2N 2012 and an arrow, with a steel "T-post" nearby.

N. 0°03' W., bet. secs. 32 and 33.

Over broken and rugged terrain.

- 34.85 Utility line, 5 strand, bears N. 50° E. and S. 50° W.
- 37.55 | Southerly right-of-way fence, bears N. 60° E. and S. 60° W.
- 38.65 Southerly edge of Indian Route 20, asphalt surfaced, 40 ft. wide, bears N. 60° E. and S. 60° W.
- 39.30 | Northerly edge of Indian Route 20, bears N. 60° E. and S. 60° W.
- 40.00 | Point for the 1/4 sec. cor. of secs. 32 and 33.

Set a standard monument, 27 ins. in sandstone, mkd.

2012

- 40.15 | Northerly right-of-way fence, bears N. 15° E. and S. 15° W.
- 80.00 | Point for the cor. of secs. 28, 29, 32 and 33.

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

2012

Set a steel "T-post" fence post near the cor.

CHAINS	
	Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.
	From the cor. of secs. 29, 30, 31 and 32 on the south boundary, hereinbefore described.
	N. 0°03' W., bet. secs. 31 and 32.
	Over rolling to level terrain, crossing Hamblin wash.
24.25	Utility line, 2 wire, bears S. 35° E. and N. 35° W.
29.25	Southerly right-of-way fence, bears S. 35° E. and N. 35° W.
31.35	Southerly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 35° E. and N. 35° W.
32.40	Northerly edge of Highway No. 89, bears S. 35° E. and N. 35° W.
34.40	Northerly right-of-way fence, bears S. 35° E. and N. 35° W.
40.00	Point for the 1/4 sec. cor. of secs. 31 and 32.
	Set a standard monument, 25 ins. in the ground, mkd.
	T 34 N R 9 E
	1/4 S 31   S 32
:	2012
	Set a steel "T-post" fence post near the cor.
	Over rolling terrain, to traverse across Indian Route 20, and continue over Echo Cliff.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set a standard monument, 22 ins. in a drill hole, 3 ins. diam., in sandstone, mkd.
	T 34 N R 9 E S 30 S 29 S 31 S 32
	2012

CHAINS			
	Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, none.		
	Undergrowth, various desert vegetation.		
	From the cor. of secs. 28, 29, 32 and 33.		
	West, bet. secs. 29 and 32.		
	Over rolling and broken terrain.		
6.55	High voltage transmission line, bears N. 14° E. and S. 14° W.		
8.65	High voltage transmission line, bears N. 14° E. and S. 14° W.		
14.25	Utility line, 5 strand, bears N. 5° E. and S. 5° W.		
17.80	Trail road, 10 ft. wide, bears S. 20° E. and N. 20° W.		
32.50	Trail road, 10 ft. wide, bears S. 10° E. and N. 10° W.		
33.80	High voltage transmission line, bears S. 3° E. and N. 3° W.		
40.00	Point for the 1/4 sec. cor. of secs. 29 and 32.		
	Set a standard monument, 24 ins. in the ground, mkd.		
	T 34 N R 9 E		
	S 29 1/4 ——		
	S 32		
	2012		
	Set a steel "T-post" fence post near the cor.		
40.65	High voltage transmission line, bears S. 2° E. and N. 2° 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.		
	West, bet. secs. 30 and 31.		
	Over rolling and broken terrain.		
30.00	Hamblin Wash, 75 ft. wide, 3 ft. deep, drains S. 35° E.		

	1. 34 N., R. 9 E., Gila and Sait River Meridian, Arizona
CHAINS	
37.70	Easterly right-of-way fence, bears S. 35° E. and N. 35° W.
39.30	Easterly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 35° E. and N. 35° W.
40.00	Point for the 1/4 sec. cor. of secs. 30 and 31, falls on the west edge of pavement, near the white stripe.
	Set a PK nail, flush with the pavement.
	from which
	A standard monument, set 24 ins. in the ground, for a reference monument, bears N. 55°00' E., 127.0 ft. dist. with brass cap mkd. RM T34N R9E 1/4 S30 127.0 FT. TO COR 2012 and an arrow pointing to the cor. Set a steel "T-post" fence post near the reference monument.
	A standard monument, set 24 ins. in the ground, for a reference monument, bears S. 55°00' W., 90.0 ft. dist. with brass cap mkd. RM T34N R9E 1/4 S31 90.0 FT. TO COR 2012 and an arrow pointing to the cor. Set a steel "T-post" fence post near the reference monument.
40.15	Westerly edge of Highway No. 89, bears S. 35° E. and N. 35° W.
41.75	Westerly right-of-way fence, bears S. 35° E. and N. 35° W.
47.95	Utility line, 5 strand, bears S. 40° E. and N. 40° W.
81.90	Cor. of secs. 25, 30, 31 and 36, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with a brass cap mkd. T34N R8E R9E S25 S30 S36 S31 2010, with a steel "T-post" fence post set nearby. Add the marks 2012 to the brass cap.
	From the cor. of secs. 29, 30, 31 and 32.
	N. 0°03' W., bet. secs. 29 and 30.
	Ascending Echo Cliffs, transitioning into broken terrain.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.
	Set a standard monument, 24 ins. in the ground, mkd.
	T 34 N R 9 E 1/4
	S 30   S 29
	2012

	T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
80.00	Point for the cor. of secs. 19, 20, 29 and 30.
	Set a standard monument, 24 ins. in sandstone, mkd.
	T 34 N R 9 E S 19   S 20
	S 30 S 29
	2012
	Terrain, broken mesa and sandstone hills. Soil, sand and sandstone. Timber, none. Undergrowth, various desert vegetation.
	West, bet. secs. 19 and 30.
	Over rolling and broken terrain.
7.30	Begin steep ascent of backside of Echo Cliffs, bears S. 30° E. and N. 30° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 30.
	Set a standard monument, 22 ins. in sandstone, encircled with a sandstone collar, mkd.
	T 34 N R 9 E
	1/4 <del></del>
	S 30
	2012
81.81	Cor. of secs. 19, 24, 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E S24 S19 S25 S30 2010, with a steel "T-post" fence post set nearby. Add the marks 2012 to the brass cap.
	Subdivision of Section 30,
	T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona
	From the 1/4 sec. cor. of secs. 30 and 31.
	N. 0°04' W., on the N. and S. center line of sec. 30.
38.10	Base of Echo Cliffs, bears S. 30° E. and N. 30° W.
1	

### Subdivision of Section 30, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

with the E. and W. center line, falls on Echo Cliffs; not monumented.  From this true point, the point selected for the witness cor. bears S. 64°01′ W., 1.17 chs. dist.  At the witness cor. point  Set a standard monument, 24 ins. in the ground, mkd.  WC  T 34 N R 9 E  C 1/4 S 30  2012  Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00 The point for the center 1/4 sec. cor. of sec. 30.  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd.		T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona
with the E. and W. center line, falls on Echo Cliffs; not monumented.  From this true point, the point selected for the witness corbears S. 64°01′ W., 1.17 chs. dist.  At the witness cor. point  Set a standard monument, 24 ins. in the ground, mkd.  WC  T 34 N R 9 E  C 1/4 S 30  2012  Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00 The point for the center 1/4 sec. cor. of sec. 30.  41.10 Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd.  T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.	CHAINS	
bears S. 64°01′ W., 1.17 chs. dist.  At the witness cor. point  Set a standard monument, 24 ins. in the ground, mkd.  WC  T 34 N R 9 E  C 1/4 S 30  2012  Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  80.00  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00  The point for the center 1/4 sec. cor. of sec. 30.  41.10  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N RBE R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.	40.00	Point for the center 1/4 sec. cor. of sec. 30, at intersection with the E. and W. center line, falls on Echo Cliffs; not monumented.
Set a standard monument, 24 ins. in the ground, mkd.  WC  T 34 N R 9 E  C 1/4 S 30  2012  Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00  The point for the center 1/4 sec. cor. of sec. 30.  41.10  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  81.86  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		
T 34 N R 9 E  C 1/4 S 30  2012  Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  The point for the center 1/4 sec. cor. of sec. 30.  41.10 Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N RBE RSE 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		At the witness cor. point
T 34 N R 9 E  C 1/4 S 30  2012  Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  The point for the center 1/4 sec. cor. of sec. 30.  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N RBE RSE 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		Set a standard monument, 24 ins. in the ground, mkd.
Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  The point for the center 1/4 sec. cor. of sec. 30.  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N RBE R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		
Set a steel "T-post" fence post near the cor.  Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  The point for the center 1/4 sec. cor. of sec. 30.  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		C 1/4 S 30
Ascend steep Echo Cliffs.  The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00 The point for the center 1/4 sec. cor. of sec. 30.  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		2012
The 1/4 sec. cor. of secs. 19 and 30.  From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00  The point for the center 1/4 sec. cor. of sec. 30.  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		Set a steel "T-post" fence post near the cor.
From the 1/4 sec. cor. of secs. 29 and 30.  West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00 The point for the center 1/4 sec. cor. of sec. 30.  41.10 Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  81.86 The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		Ascend steep Echo Cliffs.
West, on the E. and W. center line of sec. 30.  Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00 The point for the center 1/4 sec. cor. of sec. 30.  41.10 Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  81.86 The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.	80.00	The 1/4 sec. cor. of secs. 19 and 30.
Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.  40.00 The point for the center 1/4 sec. cor. of sec. 30.  41.10 Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  81.86 The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		From the 1/4 sec. cor. of secs. 29 and 30.
into descent of face of Echo Cliffs.  40.00  The point for the center 1/4 sec. cor. of sec. 30.  41.10  Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		West, on the E. and W. center line of sec. 30.
Base of Echo Cliffs, bears S. 30° E. and N. 30° W.  The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.		Ascend steep slope of back side of Echo Cliffs, transitioning into descent of face of Echo Cliffs.
The 1/4 sec. cor. of secs. 25 and 30, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31,  T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.	40.00	The point for the center 1/4 sec. cor. of sec. 30.
monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence post set nearby.  Subdivision of Section 31, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.	41.10	Base of Echo Cliffs, bears S. 30° E. and N. 30° W.
T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona  From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.	81.86	monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S25 S30 2010 2012, with a steel "T-post" fence
		·
N. 0°04' W., on the N. and S. center line of sec. 31.		From the 1/4 sec. cor. of secs. 30 and 31 on the south boundary.
1		N. 0°04' W., on the N. and S. center line of sec. 31.
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Subdivision of Section 31, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

	T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
40.00	Point for the center 1/4 sec. cor. of sec. 31, at intersection with the E. and W. center line.
	Set a standard monument, 24 ins. in sandstone, mkd.
	T 34 N R 9 E
	C 1/4 S 31
	2012
77.50	Southerly right-of-way fence, bears S. 35° E. and N. 35° W.
79.80	Southerly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 35° E. and N. 35° W.
80.00	The 1/4 sec. cor. of secs. 30 and 31.
	From the 1/4 sec. cor. of secs. 31 and 32.
	West, on the E. and W. center line of sec. 31.
3.85	Easterly right-of-way fence, bears S. 35° E. and N. 35° W.
5.30	Easterly edge of Highway No. 89, asphalt surfaced, 40 ft. wide, bears S. 35° E. and N. 35° W.
6.05	Westerly edge of Highway No. 89, bears S. 35° E. and N. 35° W.
7.50	Westerly right-of-way fence, bears S. 35° E. and N. 35° W.
11.70	Utility line, 2 strand, bears S. 40° E. and N. 40° W.
38.45	Wash, 15 ft. wide, 10 ft. deep, drains N. 75° W.
39.95	Wash, 12 ft. wide, 15 ft. deep, drains N. 20° E.
40.00	The center 1/4 sec. cor. of sec. 31.
78.45	Wash, 50 ft. wide, 3 ft. deep, drains S. 55° E.
81.94	The 1/4 sec. cor. of secs. 31 and 36, on the west boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with a brass cap mkd. T34N R8E R9E 1/4 S36 S31 2010, with a steel "T-post" fence post set nearby. Add the marks 2012 to the brass cap.
	Subdivision of Section 32, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

### Subdivision of Section 32, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

	T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona		
CHAINS			
	From the 1/4 sec. cor. of secs. 29 and 32, on the south boundary, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, with a brass cap mkd. T34N R9E S32 1/4 S29 T33 1/2N 2012, with a steel "T-post" fence post set nearby.		
	N. 0°03' W., on the N. and S. center line of sec. 32.		
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, 24 ins. in the ground, mkd.		
	T 34 N R 9 E		
	C 1/4 S 32		
	2012		
	Set a steel "T-post" fence post near the cor.		
42.10	Utility line, 5 strand, bears S. 42° E. and N. 42° W.		
46.30	Southerly right-of-way fence, bears S. 45° E. and N. 45° W.		
47.40	Southerly edge of Indian Route 20, asphalt surfaced, 30 ft. wide, bears S. 45° E. and N. 45° W.		
48.15	Northerly edge of Indian Route 20, bears S. 45° E. and N. 45° W.		
49.10	High voltage transmission line, bears N. 17° E. and S. 17° W.		
49.35	Northerly right-of-way fence, bears S. 45° E. and N. 45° W.		
80.00	The 1/4 sec. cor. of secs. 29 and 32.		
	From the 1/4 sec. cor. of secs. 32 and 33.		
	West, on the E. and W. center line of sec. 32.		
16.50	High voltage transmission line, bears N. 14° E. and S. 14° W.		
18.55	High voltage transmission line, bears N. 14° E. and S. 14° W.		
24.05	High voltage transmission line, bears N. 14° E. and S. 14° W.		
31.05	Easterly edge of Indian Route 20, asphalt surfaced, 30 ft. wide, bears S. 50° E. and N. 50° W.		
31.95	Westerly edge of Indian Route 20, bears S. 50° E. and N. 50° W.		
38.15	Utility line, 5 strand, bears S. 42° E. and N. 42° W.		

### Subdivision of Section 32, T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona

	T. 34 N., R. 9 E., Gila and Salt River Meridian, Arizona
CHAINS	
40.00	The center 1/4 sec. cor. of sec. 32.
42.80	High voltage transmission line, bears N. 17° E. and S. 17° W.
58.60	High voltage transmission line, bears N. 27° E. and S. 27° W.
74.80	Hamblin Wash, 70 ft. wide, 3 ft. deep, drains S. 20° E.
80.00	The 1/4 sec. cor. of secs. 31 and 32.
	GENERAL DESCRIPTION
	The intent of this survey is to monument the sections along the Highway 89 corridor, which runs northwesterly and southeasterly through the township. The community of Gap is situated in secs. 31 and 32 of this survey. 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
Daniel Bryon	Engineering Technician
Byron J. Shorty	Engineering Technician
Kevin Tso	Engineering Technician

#### CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of supplemental special instructions bearing date of the 7th day of August, 2012, I have surveyed a portion of the south boundary, portions of the subdivisional lines, and the subdivision of sections 30, 31 and 32, Township 34 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.

5/5/13	Cin 12 L
(Date)	(cadastral Surveyor)

#### CERTIFICATE OF APPROVAL

### BUREAU OF LAND MANAGEMENT Phoenix, Arizona

The foregoing field notes of the survey of a portion of the south boundary, portions of the subdivisional lines, and the subdivision of sections 30, 31 and 32, Township 34 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)	(Chief Cadastral Surveyor of Arizona)
C	ERTIFICATE OF TRANSCRIPT
described surveys in T. 34	ing transcript of the field notes of the above N., R. 9 E., of the Gila and Salt River Meridian, a true copy of the original field notes.
(Date)	(Chief Cadastral Surveyor of Arizona)