

ORIGINAL

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

FIELD NOTES
OF THE DEPENDENT RESURVEY OF
THE NINTH STANDARD PARALLEL NORTH (SOUTH BOUNDARY)
AND
THE NORTH BOUNDARY
AND
THE SURVEY OF THE SUBDIVISIONAL LINES
AND
THE SUBDIVISION OF SECTION 19
AND
A METES-AND-BOUNDS SURVEY,
TOWNSHIP 37 NORTH, RANGE 31 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA

EXECUTED BY

Alvina A. Begaye, Cadastral Surveyor

Under Special Instructions dated March 9, 2009, approved March 9, 2009, which provided for the surveys included under Group No. 1062, and assignment instructions dated March 9, 2009.

Survey commenced June 10, 2009

Survey completed August 20, 2009

INDEX DIAGRAM

TOWNSHIP 37 NORTH RANGE 31 EAST
 GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of the Ninth Standard Parallel North (south boundary) and the north boundary and the survey of the subdivisional lines and the subdivision of section 19 and a metes-and-bounds survey, Township 37 North, Range 31 East, Gila and Salt River Meridian, Arizona.

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

Chandler Robbins surveyed the west boundary of the New Mexico Territory, in 1875. Ty White dependently resurveyed a portion of the Arizona-New Mexico Boundary from Four Corners to the 33 Mile Corner, and surveyed the Ninth Standard Parallel North (south boundary) and the north boundary, Township 37 North, Range 31 East, in 1951. Alvina A. Begaye dependently resurveyed a portion of the Arizona-New Mexico State Line (east boundary), Township 37 North, Range 31 East, between the 24 mile Corner and the 31 Mile Corner, in 2009. Alvina A. Begaye dependently resurveyed the Ninth Standard Parallel North (south boundary) and the east, west and north boundaries, Township 37 North, Range 30 East, concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated March 9, 2009, for Group Number 1062, Arizona.

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

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

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) MONTICELLOUT2006 CORS ARP, AZTEC CORS ARP, CHACOCNHP_NM2005 CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002) geographic position of the southwest corner of the township, is as follows:

Latitude: 36°33'47.09" N. Longitude: 109°04'04.12" W.

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

**Dependent Resurvey of the Ninth Standard Parallel North
(South Boundary),
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Beginning at the stan. cor. of Tps. 37 N., Rs. 30 and 31 E., monumented with an iron post, 2 1/2 ins. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the dependent resurvey of the Ninth Standard Parallel North (south boundary), T. 37 N., R. 30 E., executed concurrently under this same group.
	East, on the S. bdy. of sec. 31.
36.75	Power line, bears N. 10° E. and S. 10° W.
37.10	Underground water line, bears N. 10° E. and S. 10° W.
40.00	The stan. 1/4 sec. cor. of sec. 31, determined from the orig. reference monuments and occupied with a rebar, 18 ins. long, 5/8 in. diam., firmly set, flush with the surface of the ground, with aluminum cap mkd. NES SC T37N R31E 1/4 S31 2002 LS 14671, with an embedded mound of stone 3 ft. base, N. of cor., from which the orig. reference monuments
	An iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, bears N. 45°00' E., 66.0 ft. dist., with brass cap mkd. 1/4 S31 RM 1951 and an arrow pointing to the cor. Add the marks 2009 to the brass cap.
	An iron post, 1 in. diam., firmly set, projecting 18 ins. above ground, bears N. 45°00' W., 66.0 ft. dist., with brass cap mkd. 1/4 S31 RM 1951 and an arrow pointing to the cor. Add the marks 2009 to the brass cap.
	At the corner point
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	SC T 37 N R 31 E 1/4 S 31 <hr style="width: 10%; margin: auto;"/> 2009
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	Rebuild the mound of stone 3 ft. base, 2 ft. high, N. of cor.

**Dependent Resurvey of the Ninth Standard Parallel North
(South Boundary),
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Cor. is located 40.3 lks. W. of the W. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.</p> <hr/>
	<p>East, beginning new measurement.</p>
1.90	<p>Navajo Route 13, asphalt surface, 50 ft. wide, bears N. 10° E. and S. 10° W.</p>
3.40	<p>E. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.</p>
40.00	<p>The stan. cor. of secs. 31 and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. SC T37N R31E S31 S32 1951, with an embedded mound of stone, 2 ft. base, N. of cor.</p> <p>Add the marks 2009 to the brass cap.</p> <hr/>
	<p>East, on the S. bdy. of sec. 32.</p> <p>Over rolling land.</p>
19.10	<p>The stan. closing cor. of Tps. 36 and 37 N., R. 31 E., at intersection with the Arizona-New Mexico State Line, monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, encircled with a collar of stone, 3 ft. diam., with brass cap mkd. SC T37N R31E S32 CC NM S5 T36N 1951 2009.</p> <p>From this cor. point, the 30 Mile Cor., on the Arizona-New Mexico State Line, bears North, 19.98 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, encircled with a collar of stone, 3 ft. diam., with brass cap mkd. 30M ARIZ NM 1875 1951 2009.</p> <p>From this same cor. point, the 30 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears South, 20.02 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. 30 1/2M ARIZ NM 1875 1951 2009.</p> <hr/>
	<p align="center">Dependent Resurvey of the North Boundary, T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the cor. of Tps. 37 and 38 N., Rs. 30 and 31 E., monumented with an iron post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the dependent resurvey of the east boundary, T. 37 N., R. 30 E., executed concurrently under this same group.</p>

**Dependent Resurvey of the North Boundary,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	N. 89°59' E., bet. secs. 6 and 31. Over rolling and broken land.
11.45	W. right-of-way fence of Navajo Route 63, barbed wire, 5 strand, parallels highway.
12.95	Navajo Route 63, asphalt surface, 50 ft. wide, bears N. 10° E., and S. 10° W.
14.45	E. right-of-way fence of Navajo Route 63, barbed wire, 5 strand, parallels highway.
40.02	The 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. 1/4 S31 S6 1951, with a mound of stone, 3 ft. base, 1 ft. high, N. of cor. Remark brass cap to read <div style="text-align: center;"> T 38 N R 31 E S 31 1/4 ——— S 6 T 37 N 1951 2009 </div> <hr style="width: 30%; margin: 10px auto;"/>
	East, beginning new measurement. Over rolling and broken land.
40.01	The cor. of secs. 5, 6, 31 and 32, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T38N R31E S31 S32 S6 S5 T37N 1951, with a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Add the marks 2009 to the brass cap. <hr style="width: 80%; margin: 10px auto;"/>
	S. 89°57' E., bet. secs. 5 and 32.
19.33	The closing cor. of Tps. 37 and 38 N., R. 31 E., at intersection with the Arizona-New Mexico State Line, monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. SC T38N R31E S32 CC NM S5 T37N 2009.

**Dependent Resurvey of the North Boundary,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

From this cor. point, the 24 Mile Cor., on the Arizona-New Mexico State Line, bears N. 0°05' E., 19.66 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with a mound of stone, 4 ft. base, 1 ft. high, S. of cor., with brass cap mkd. 24M ARIZ NM 1875 1951 2009.

From this same cor. point, the 24 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears S. 0°05' W., 20.32 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, encircled with a collar of stone, with a mound of stone, 3 ft. base, 1 1/2 ft. high, S. of cor., with brass cap mkd. 24 1/2M ARIZ NM 2009.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

From the stan. cor. of secs. 31 and 32, on the Ninth Standard Parallel North (south boundary), hereinbefore described.

North, bet. secs. 31 and 32.

Over nearly level land.

13.80 Apache County Road C541, a graded road, 30 ft. wide, bears N. 65° E. and S. 65° W.

21.80 Underground water line, bears East and West.

25.20 Power line, bears S. 85° E. and N. 85° W.

28.75 Levee, bears S. 30° E. and N. 30° W.

34.90 Apache County Road C541, a graded road, 25 ft. wide, bears S. 70° E. and N. 70° W.

40.00 Point for the 1/4 sec. cor. of secs. 31 and 32.

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

T 37 N R 31 E

1/4

S 31 | S 32

2009

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

80.00 Point for the cor. of secs. 29, 30, 31 and 32.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

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

T 37 N	R 31 E
S 30	S 29
S 31	S 32

2009

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

Land, nearly level.

Soil, sandy clay.

No timber; scattered sagebrush and native grasses.

East, bet. secs. 29 and 32.

Over nearly level and broken land.

17.50 Trail road, bears S. 10° E. and N. 10° W.

19.08 Point for the closing cor. of secs. 29 and 32, at intersection
with the Arizona-New Mexico State Line.

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

	T 37 N
	R 31 E
CC	S 29
	S 32

2009

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
set 24 ins. in the ground, for a reference monument,
bears S. 50°00' W., 100.0 ft. dist., with brass cap mkd.
RM T37N R31E S32 100.0 FT TO COR 2009 and an arrow
pointing to the cor. Deposit a magnet, in a white
plastic case, at the base of the stainless steel post.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
set 24 ins. in the ground, for a reference monument,
bears N. 40°00' W., 200.0 ft. dist., with brass cap mkd.
RM T37N R31E S29 200.0 FT TO COR 2009 and an arrow
pointing to the cor. Deposit a magnet, in a white
plastic case, at the base of the stainless steel post.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

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

Cor. is located 14 lks. E. of the top of the westerly flood bank of Red Wash, bears S. 5° E. and N. 5° W.

From this cor. point, the witness cor. to the 29 Mile Cor., on the Arizona-New Mexico State Line, bears North, 22.46 chs. dist., monumented with a stainless steel post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, encircled with an embedded collar of stone, with a mound of stone, 3 ft. base, 2 ft. high, S. of cor., with brass cap mkd. 29M WC ARIZ NM 2009 and an arrow pointing to the true point.

From this same cor. point, the 29 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears South, 20.02 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. 29 1/2M ARIZ NM 1875 1951 2009.

Land, nearly level to broken.

Soil, sandy clay.

No timber; scattered sagebrush and native grasses.

Point for the 1/4 sec. cor. of sec. 32 only, at midpoint on the E. bdy. of sec. 32, on the Arizona-New Mexico State Line.

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

T 37 N	
R 31 E	
1/4	
S 32	

2009

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

From this cor. point, the 29 1/2 Mile Cor. on the Arizona-New Mexico State Line, bears North, 19.98 chs. dist.

From this same cor. point, the 30 Mile Cor. on the Arizona-New Mexico State Line, bears South, 20.02 chs. dist., hereinbefore described.

From the cor. of secs. 29, 30, 31 and 32.

N. 89°59' W., bet. secs. 30 and 31.

Over nearly level land.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
35.50	E. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.
37.00	Navajo Route 13, asphalt surface, 50 ft. wide, bears North and South.
38.50	W. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.
39.70	Power line, bears N. 5° E. and S. 5° W.
40.005	Point for the 1/4 sec. cor. of secs. 30 and 31. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T 37 N R 31 E S 30 1/4 ——— S 31 2009 </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located 62 lks. E. of an underground water line, bears S. 5° E. and N. 5° W.
60.50	Trail road, bears N. 40° E. and S. 40° W.
80.01	The cor. of secs. 25, 30, 31 and 36 on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the dependent resurvey of the E. bdy., T. 37 N., R. 30 E., executed concurrently under this same group. Land, nearly level. Soil, sandy clay. No timber; scattered sagebrush and native grass.
	<hr/> From the cor. of secs. 29, 30, 31 and 32. North, bet. secs. 29 and 30. Over nearly level land.
20.90	Trail road, bears N. 60° E. and S. 60° W.
29.25	Trail road, bears S. 40° E. and N. 40° W.
40.00	Point for the 1/4 sec. cor. of secs. 29 and 30.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 31 E 1/4 S 30 S 29</p> <p style="text-align: center;">2009</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>
42.40	Trail road, bears S. 75° E. and N. 75° W.
49.15	Red Wash, 55 ft. wide, 4 ft. deep, drains N. 35° W.
64.25	Trail road, bears S. 85° E. and N. 85° W.
80.00	Point for the cor. of secs. 19, 20, 29 and 30.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 37 N R 31 E S 19 S 20 S 30 S 29</p> <p style="text-align: center;">2009</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 70 lks W. of the top of the N. bank of Red Wash, bears N. 30° E. and S. 30° W.</p> <p>Land, nearly level. Soil, sandy clay. No timber; scattered sagebrush and native grasses.</p> <hr/> <p>East, bet. secs. 20 and 29.</p> <p>Over nearly level to broken land.</p>
19.07	<p>Point for the closing cor. of secs. 20 and 29, at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

T 37 N	
R 31 E	
CC	S 20
	S 29

2009

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

From this cor. point, the 28 Mile Cor., on the Arizona-New Mexico State Line, bears North, 19.96 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. 28M ARIZ NM 1875 1951 2009.

From this same cor. point, the 28 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears South, 20.05 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. 28 1/2M ARIZ NM 1875 1951 2009.

Land, nearly level and broken.
Soil, sandy clay.
No timber; scattered sagebrush and native grasses.

Point for the 1/4 sec. cor. of sec. 29 only, at midpoint on the E. bdy. of sec. 29, on the Arizona-New Mexico State Line.

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

T 37 N	
R 31 E	
1/4	
S 29	

2009

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

From this cor. point, the 28 1/2 Mile Cor. on the Arizona-New Mexico State Line, bears North, 19.95 chs. dist.

From this same cor. point, the 29 Mile Cor. on the Arizona-New Mexico State Line, bears South, 20.04 chs. dist.

From the cor. of secs. 19, 20, 29 and 30.

N. 89°57' W., bet. secs. 19 and 30.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Over nearly level land.
10.60	Trail road, bears S. 20° E. and N. 20° W.
15.70	Trail road, bears S. 5° E. and N. 5° W.
18.40	Power line, bears S. 10° E. and N. 10° W.
37.10	E. right-of-way fence of Navajo Route 13, barbed wire, 4 strand, parallels highway.
38.60	Navajo Route 13, asphalt surface, 25 ft. wide, bears S. 5° E. and N. 5° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 30. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T 37 N R 31 E S 19 1/4 ——— S 30 2009 </div> from which A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears S. 45°00' W., 20.0 ft. dist., with brass cap mkd. RM T37N R31E 1/4 S30 20.0 FT TO COR 2009 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post and set a steel fence post nearby. A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 45°00' W., 20.0 ft. dist., with brass cap mkd. RM T37N R31E 1/4 S19 20.0 FT TO COR 2009 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post and set a steel fence post nearby. Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Cor. is located 48 lks. E. of the W. right-of-way fence of Navajo Route 13, barbed wire, 4 strand, parallels highway.
41.30	Graded road, 15 ft. wide, bears N. 5° E. and S. 5° W.
43.45	Underground water line, bears N. 5° E. and S. 5° W.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
58.10	Power line, bears N. 30° E. and S. 30° W.
59.80	Graded road, 15 ft. wide, bears N. 30° E. and S. 30° W.
75.50	Wash, 15 ft. wide, 2 ft. deep, drains S. 30° E.
80.00	The cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the dependent resurvey of the E. bdy., T. 37 N., R. 30 E., executed concurrently under this same group. Land, nearly level. Soil, sandy clay. No timber; scattered sagebrush and native grasses.
	From the cor. of secs. 19, 20, 29 and 30. North, bet. secs. 19 and 20. Over nearly level land.
21.15	Wash, 20 ft. wide, 3 ft. deep, drains N. 25° W.
40.00	Point for the 1/4 sec. cor. of secs. 19 and 20. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T 37 N R 31 E 1/4 S 19 S 20 2009 </div> Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
48.30	S. bank of a wash, 50 ft. high, bears S. 80° E. and N. 80° W.
62.85	Power line, bears S. 85° E. and N. 85° W.
80.00	Point for the cor. of secs. 17, 18, 19 and 20. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS									
	<table style="margin: auto;"> <tr><td>T 37 N</td><td>R 31 E</td></tr> <tr><td>S 18</td><td>S 17</td></tr> <tr><td>S 19</td><td>S 20</td></tr> </table>	T 37 N	R 31 E	S 18	S 17	S 19	S 20		
T 37 N	R 31 E								
S 18	S 17								
S 19	S 20								
	2009								
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 66 lks. S. of the S. right-of-way fence of Navajo Route 13, parallels highway.</p> <p>Land, nearly level. Soil, sandy clay. No timber; scattered sagebrush and native grasses.</p> <hr/> <p>East, bet. secs. 17 and 20.</p> <p>Over nearly level land.</p>								
19.06	<p>Point for the closing cor. of secs. 17 and 20, at intersection with the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>								
	<table style="margin: auto;"> <tr><td>T 37 N</td><td></td></tr> <tr><td>R 31 E</td><td></td></tr> <tr><td>CC S 17</td><td> </td></tr> <tr><td>S 20</td><td> </td></tr> </table>	T 37 N		R 31 E		CC S 17		S 20	
T 37 N									
R 31 E									
CC S 17									
S 20									
	2009								
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 1.56 chs. S. of Navajo Route 13, asphalt surface, 50 ft. wide, bears East and West.</p> <p>From this cor. point, the 27 Mile Cor., on the Arizona-New Mexico State Line, bears North, 19.96 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, encircled with a collar of stone, 3 ft. diam., with brass cap mkd. 27M ARIZ NM 1875 1951 2009.</p> <p>From this same cor. point, the 27 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears South, 20.04 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. 27 1/2M ARIZ NM 1875 1951 2009.</p>								

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

Land, nearly level.
Soil, sandy clay.
No timber; scattered sagebrush and native grasses.

Point for the 1/4 sec. cor. of sec. 20 only, at midpoint on the E. bdy. of sec. 20, on the Arizona-New Mexico State Line.

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

T 37 N	
R 31 E	
1/4	
S 20	

2009

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

From this cor. point, the 27 1/2 Mile Cor. on the Arizona-New Mexico State Line, bears North, 19.96 chs. dist.

From this same cor. point, the 28 Mile Cor. on the Arizona-New Mexico State Line, bears South, 20.05 chs. dist.

From the cor. of secs. 17, 18, 19 and 20.

N. 89°56' W., bet. secs. 18 and 19.

Over nearly level land.

25.60 E. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.

30.20 Navajo Route 13, asphalt surface, 50 ft. wide, bears N. 65° E. and S. 65° W.

33.80 W. right-of-way fence of the Navajo Route 13, barbed wire, 5 strand, parallels highway.

37.90 Red Wash, 15 ft. wide, 6 ft. deep, drains N. 60° E.

40.00 Point for the 1/4 sec. cor. of secs. 18 and 19.

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

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T 37 N R 31 E S 18 1/4 ——— S 19 2009
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
59.00	Trail road, bears S. 20° E. and N. 20° W.
80.00	The cor. of secs. 13, 18, 19 and 24 on the W. bdy. of the Tp., monumented with a PK nail, set and witnessed as described in the field notes of the dependent resurvey of the E. bdy., T. 37 N., R. 30 E., executed concurrently under this same group. Land, nearly level. Soil, sandy clay. No timber; scattered sagebrush and native grasses.
	From the cor. of secs. 17, 18, 19 and 20. North, bet. secs. 17 and 18. Over nearly level land.
2.15	Navajo Route 13, asphalt surface, 55 ft. wide, bears East and West.
3.70	N. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.
19.50	Navajo Route 5020 a graded road, 50 ft. wide, bears N. 40° E. and S. 40° W.
28.25	S. fence of an enclosed cemetery, barbed wire, 5 strand, bears N. 85° E. and S. 85° W.
35.30	N. fence of an enclosed cemetery, barbed wire, 5 strand, bears N. 85° E. and S. 85° W.
40.00	Point for the 1/4 sec. cor. of secs. 17 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	T 37 N R 31 E 1/4 S 18 S 17 2009 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 7, 8, 17 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 37 N R 31 E S 7 S 8 S 18 S 17 2009 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Land, nearly level. Soil, sandy clay. No timber; scattered sagebrush and native grasses.
19.13	<hr/> East, bet. secs. 8 and 17. Over nearly level land. Point for the closing cor. of secs. 8 and 17, at intersection with the Arizona-New Mexico State Line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 37 N R 31 E CC S 8 S 17 2009 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. From this cor. point, the 26 Mile Cor., on the Arizona-New Mexico State Line, bears N. 0° 05' E., 19.92 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. 26M ARIZ NM 1875 1951 2009.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

From this same cor. point, the 26 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears S. 0° 05' W., 20.06 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. 26 1/2M ARIZ NM 1875 1951 2009.

Land, nearly level.

Soil, sandy clay.

No timber; scattered sagebrush and native grasses.

Point for the 1/4 sec. cor. of sec. 17 only, at midpoint on the E. bdy. of sec. 17, on the Arizona-New Mexico State Line.

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

T 37 N	
R 31 E	
1/4	
S 17	

2009

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

From this cor. point, the 26 1/2 Mile Cor. on the Arizona-New Mexico State Line, bears N. 0° 05' E., 19.94 chs. dist.

From this same cor. point, the 27 Mile Cor. on the Arizona-New Mexico State Line, bears S. 0° 05' W., 20.04 chs. dist.

From the cor. of secs. 7, 8, 17 and 18.

N. 89°55' W., bet. secs. 7 and 18.

Over rolling land.

40.00

Point for the 1/4 sec. cor. of secs. 7 and 18.

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

T 37 N	R 31 E	
	S 7	
1/4	—	
	S 18	

2009

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
48.00	E. right-of-way fence of Navajo Route 63, barbed wire, 5 strand, parallels highway.
49.80	Navajo Route 63, asphalt surface, 25 ft. wide, bears S. 35° E. and N. 35° W.
51.65	W. right-of-way fence of Navajo Route 63, barbed wire, 5 strand, parallels highway.
80.00	The cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the dependent resurvey of the E. bdy., T. 37 N., R. 30 E., executed concurrently under this same group. Land, rolling. Soil, sandy clay. No timber; scattered sagebrush and native grasses.
	From the cor. of secs. 7, 8, 17 and 18. North, bet. secs. 7 and 8. Over rolling land.
40.00	Point for the 1/4 sec. cor. of secs. 7 and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T 37 N R 31 E 1/4 S 7 S 8 2009 </div>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
80.00	Point for the cor. of secs. 5, 6, 7 and 8. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

T 37 N	R 31 E
S 6	S 5
S 7	S 8

2009

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

Land, rolling.

Soil, sandy clay.

No timber; scattered sagebrush and native grasses.

East, bet. secs. 5 and 8.

Over rolling land.

19.24 Point for the closing cor. of secs. 5 and 8, at intersection with the Arizona-New Mexico State Line.

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

T 37 N	
R 31 E	
CC	S 5
	S 8

2009

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

From this cor. point, the 25 Mile Cor., on the Arizona-New Mexico State Line, bears N. 0° 05' E., 19.88 chs. dist., monumented with an iron post, 2 1/2 ins. diam., firmly set, flush with the surface of the ground, with brass cap mkd. 25M ARIZ NM 1875 1951 2009.

From this same cor. point, the 25 1/2 Mile Cor., on the Arizona-New Mexico State Line, bears S. 0° 05' W., 20.10 chs. dist., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. 25 1/2M ARIZ NM 1875 1951 2009.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS													
	<p>Land, rolling. Soil, sandy clay. No timber; scattered sagebrush and native grasses.</p> <hr/> <p>Point for the 1/4 sec. cor. of sec. 8 only, at midpoint on the E. bdy. of sec. 8, on the Arizona-New Mexico State Line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="padding-right: 5px;">T 37 N</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> <tr><td style="padding-right: 5px;">R 31 E</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> <tr><td style="padding-right: 5px;">1/4</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> <tr><td style="padding-right: 5px;">S 8</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> </table> <p>2009</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, the 25 1/2 Mile Cor. on the Arizona-New Mexico State Line, bears N. 0° 05' E., 19.90 chs. dist.</p> <p>From this same cor. point, the 26 Mile Cor. on the Arizona-New Mexico State Line, bears S. 0° 05' W., 20.08 chs. dist.</p> <hr/> <p>From the cor. of secs. 5, 6, 7 and 8.</p> <p>N. 89°52' W., bet. secs. 6 and 7.</p> <p>Over rolling land.</p>	T 37 N		R 31 E		1/4		S 8					
T 37 N													
R 31 E													
1/4													
S 8													
40.00	<p>Point for the 1/4 sec. cor. of secs. 6 and 7.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="border-collapse: collapse; margin: auto;"> <tr><td style="padding-right: 5px;">T 37 N</td><td style="padding-right: 5px;">R 31 E</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> <tr><td style="padding-right: 5px;"></td><td style="padding-right: 5px;">S 6</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> <tr><td style="padding-right: 5px;">1/4</td><td style="padding-right: 5px;">—</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> <tr><td style="padding-right: 5px;"></td><td style="padding-right: 5px;">S 7</td><td style="border-left: 1px solid black; padding-left: 5px;"></td></tr> </table> <p>2009</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>	T 37 N	R 31 E			S 6		1/4	—			S 7	
T 37 N	R 31 E												
	S 6												
1/4	—												
	S 7												
75.50	<p>E. right-of-way fence of Navajo Route 63, barbed wire, 5 strand, parallels highway.</p>												

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
77.00	Navajo Route 63, asphalt surface, 50 ft. wide, bears N. 5° E. and S. 5° W.
78.50	W. right-of-way fence of Navajo Route 63, barbed wire, 5 strand, parallels highway.
80.01	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the dependent resurvey of the E. bdy., T. 37 N., R. 30 E., executed concurrently under this same group. Land, rolling. Soil, sandy clay. No timber; scattered sagebrush and native grasses.
	From the cor. of secs. 5, 6, 7 and 8. N. 0°01' E., bet. secs. 5 and 6. Over rolling land.
37.75	Trail road, bears N. 55° E. and S. 55° W.
40.00	Point for the 1/4 sec. cor. of secs. 5 and 6. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T 37 N R 31 E 1/4 S 6 S 5 2009 </div>
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
41.35	Navajo Route 33, a graded road, 25 ft. wide, bears S. 55° E. and N. 55° W.
47.50	Graded road, 25 ft. wide, bears N. 25° E. and S. 25° W.
80.21	The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the Tp., hereinbefore described.

**Survey of the Subdivisional Lines,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

Land, rolling.
Soil, sandy clay.
No timber; scattered sagebrush and native grasses.

Point for the 1/4 sec. cor. of sec. 5 only, at 40.00 chs. in northing from the closing cor. of secs. 5 and 8, on the E. bdy. of sec. 5, on the Arizona-New Mexico State Line.

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

T 37 N	
R 31 E	
1/4	
S 5	

2009

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

From this cor. point, the 24 1/2 Mile Cor. on the Arizona-New Mexico State Line, bears N. 0° 05' E., 19.87 chs. dist., hereinbefore described.

From this same cor. point, the 25 Mile Cor. on the Arizona-New Mexico State Line, bears S. 0° 05' W., 20.12 chs. dist.

**Subdivision of Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

From the 1/4 sec. cor. of secs. 19 and 30.

North, on the N. and S. center line of sec. 19.

Over nearly level land.

12.30 Navajo Route 13, asphalt surface, 30 ft. wide, bears S. 10° E. and N. 10° W.

19.95 Buffalo Drive, asphalt surface, 30 ft. wide, bears N. 75° E. and S. 75° W.

20.69 From this point, a brass tablet, 3 ins. diam., firmly set, projecting 2 ins. above ground, in a concrete collar, 6 ins. diam., with top mkd. BIA ROADS Elev. 5833.90 1976, bears West, 1.8 lks. dist.

**Subdivision of Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
25.70	E. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.
29.50	Buffalo Drive, asphalt surface, 30 ft. wide, bears S. 10° E. and N. 10° W.
33.10	E. right-of-way fence of Buffalo Drive, barbed wire, 5 strand, parallels road.
35.80	Trail road, bears N. 80° E. and S. 80° W.
36.30	N. right-of-way fence of Buffalo Drive, concrete block fence, bears N. 75° E. and S. 75° W.
38.85	Telephone line, bears S. 25° E. and N. 25° W.
40.005	Point for the center 1/4 sec. cor. of sec. 19, at intersection with the E. and W. center line. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 37 N R 31 E C 1/4 S 19 2009 Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Set a steel fence post nearby. From this cor. point, the SW cor. of a stucco house, bears N. 20°52' E., 2.08 chs. dist. and the NW cor. of the Lilly of the Valley Tabernacle Church, bears N. 86°29' E., 2.26 chs. dist.
45.70	Barbed wire fence, bears S. 75° E. and N. 75° W.
54.80	Wash, 10 ft. wide, 2 ft. deep, drains N. 50° W.
59.10	Power line, bears N. 40° E. and S. 40° W.
66.55	Power line, bears S. 80° E. and N. 80° W.
67.50	Wash, 20 ft. wide, 8 ft. deep, drains N. 50° E.
72.70	S. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.

**Subdivision of Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
74.50	Navajo Route 13, asphalt surface, 36 ft. wide, bears N. 55° E. and S. 55° W.
75.90	N. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.
80.02	The 1/4 sec. cor. of secs. 18 and 19.
	From the 1/4 sec. cor. of secs. 19 and 20.
	N. 89°57' W., on the E. and W center line of sec. 19.
	Over nearly level to rolling land.
14.20	Wash, 50 ft. wide, 6 ft. deep, drains N. 50° E.
20.65	Trail road, bears N. 60° E. and S. 60° W.
28.75	Wash, 10 ft. wide, 10 ft. deep, drains N. 10° W.
30.35	Barbed wire fence, bears S. 5° E. and N. 5° W.
36.00	Power line, bears S. 30° E. and N. 30° W.
40.005	The center 1/4 sec. cor. of sec. 19.
41.40	E. right-of-way fence of Buffalo Drive, 4 ft. high stock fence with barbed wire, 2 strand, parallels road.
42.10	Buffalo Drive, asphalt surface, 30 ft. wide, bears S. 10° E. and N. 10° W.
42.90	W. right-of-way fence of Buffalo Drive, also being the E. right-of-way fence of Navajo Route 13, 4 ft. high stock fence with barbed wire, 2 strand, parallels roadways.
46.65	Navajo Route 13, asphalt surface, 30 ft. wide, bears S. 10° E. and N. 10° W.
48.20	W. right-of-way fence of Navajo Route 13, barbed wire, 5 strand, parallels highway.
48.50	Power line, bears S. 15° E. and N. 15° W.
65.30	Trail road, bears S. 5° E. and N. 5° W.
76.15	Wash, 100 ft. wide, 20 ft. deep, drains N. 10° W.

**Subdivision of Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

80.01

The 1/4 sec. cor. of secs. 19 and 24, on the W. bdy. of the Tp., monumented with an iron post, 1 in. diam., with brass cap, set, mkd. and witnessed as described in the field notes of the dependent resurvey of the E. bdy., T. 37 N., R. 30 E., executed concurrently under this same group.

**Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

Note: The following metes-and-bounds survey is of the exterior boundary of the Bureau of Indian Affairs (B.I.A.) Red Rock School property, encompassing amended Parcel A and Parcels B and C referred to on B.I.A. Property Plot Plans and by Navajo Tribal Council Resolutions regarding Federal School Facilities at Red Rock, Arizona. B.I.A. Property Plot Plan for Parcel A, Red Rock School, was utilized to substantiate found evidence at Angle Points 1, 2, and 10 and to establish the lines between Angle Points 6 through 10. B.I.A. plat entitled Red Rock Elementary School, Project No. W56-063, civil site plan, Sheet No. C-1, dated 5/18/81 was utilized to substantiate found evidence at Angle Point 3 and to establish the lines between Angle Points 3 through 6. These plats are on file in the Group File for this survey, Group No. 1062, Arizona.

From Angle Point 1, identical with P.C. A-6, Parcel A, B.I.A. Red Rock School property, monumented with an iron pipe, 36 ins. long, 1 1/2 ins. diam., firmly set, projecting 11 ins. above ground, in a concrete cylinder, 6 ins. diam.

At the corner point

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

T 37 N R 31 E

AP-1

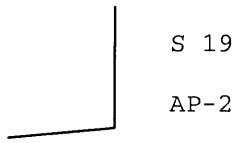
S19

2009

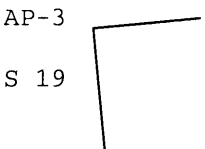
Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Remove the iron pipe and concrete from the area.

**Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this cor. point, the center 1/4 of sec. 19, bears N. 21°03' E., 5.315 chs. dist.</p> <p>From this same cor. point, a rebar, 1/2 in. diam., firmly set, projecting 5 ins. above ground, bears N. 78°42' E., 1.53 chs. dist.</p> <p>N. 78°30' E., on line 1-2.</p> <p>Over nearly level land.</p>
1.95	<p>Intersect the N. and S. center line of sec. 19. Not monumented.</p> <p>From this point, the center 1/4 sec. cor. of sec. 19, bears North, 4.57 chs. dist.</p> <p>From this same point, the 1/4 sec. cor. of secs. 19 and 30, bears South, 35.435 chs. dist.</p>
15.92	<p>Point for Angle Point 2, identical with P.C. A-1, Parcel A, B.I.A. Red Rock School property, determined at a point alongside the cor. post of chain link fences, with fences, 6 ft. high, extending southerly and westerly.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 37 N R 31 E</p>  <p>2009</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>From this cor. point, the center 1/4 of sec. 19, bears N. 82°34' W., 13.81 chs. dist.</p> <hr/> <p>N. 11°31' W., on line 2-3.</p> <p>Over nearly level land.</p>

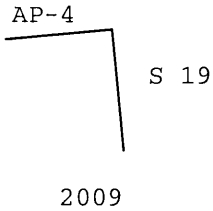
**Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
1.81	<p>Intersect the E. and W. center line of sec. 19. Not monumented.</p> <p>From this point, the 1/4 sec. cor. of secs. 19 and 20, bears S. 89°57' E., 26.675 chs. dist.</p> <p>From this same point, the center 1/4 sec. cor. of sec. 19, bears N. 89°57' W., 13.33 chs. dist.</p>
8.85	<p>Angle Point 3, B.I.A. Red Rock School property, monumented with a rebar, 18 ins. long, 1/2 in. diam., firmly set, flush with the surface of the ground, with plastic cap mkd. 6159.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 37 N R 31 E</p>  <p>AP-3</p> <p>S 19</p> <p>2009</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the rebar alongside the stainless steel post.</p> <p>Set a steel fence post nearby.</p> <hr/> <p>N. 78°36' E., on line 3-4.</p> <p>Over nearly level land.</p>
13.64	<p>Point for Angle Point 4, B.I.A. Red Rock School property, determined at record distances between Angle Points 3 and 6.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS

T 37 N R 31 E



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

Set a steel fence post nearby.

S. $11^{\circ}28'$ E., on line 4-5.

Over nearly level land.

9.805 Intersect the E. and W. center line of sec. 19. Not monumented.

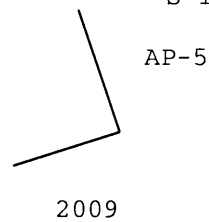
From this point, the 1/4 sec. cor. of secs. 19 and 20, bears S. $89^{\circ}57'$ E., 12.765 chs. dist.

From this same point, the center 1/4 sec. cor. of sec. 19, bears N. $89^{\circ}57'$ W., 27.24 chs. dist.

32.23 Point for Angle Point 5, B.I.A. Red Rock School property, determined at record distances between Angle Points 3 and 6.

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

T 37 N R 31 E



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

S. $78^{\circ}34'$ W., on line 5-6.

Over nearly level land.

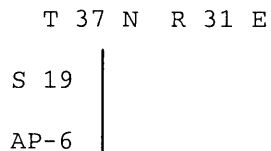
**Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

28.03

Point for Angle Point 6, B.I.A. Red Rock School property, determined at a point alongside the cor. post of chain link fences, with fences, 6 ft. high, extending northerly and easterly.

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



2009

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

N. 11°25' W., on line 6-7.

Over nearly level land, along a chain link fence.

3.37

Point for Angle Point 7, B.I.A. Red Rock School property, at intersection with a portion of the S. bdy. of Parcel A.

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



2009

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

Cor. is located along a chain link fence, 6 ft. high, extending northerly and southerly.

From this cor. point, P.C. A-3, Parcel A, B.I.A. Red Rock School property, monumented with a iron pipe, 2 ins. diam., firmly set, projecting 5 ins. above ground, with a rebar, 5/8 in. diam., inside pipe, bears S. 78°29' W., 14.97 chs. dist.

S. 78°29' W., on line 7-8, parallel with a portion of the N. bdy. of Parcel A.

Over nearly level land.

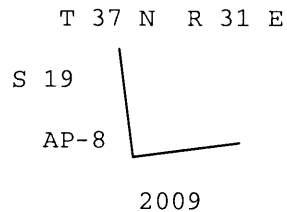
**Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS

2.59

Point for Angle Point 8, B.I.A. Red Rock School property, determined at a point along a 4 ft. high stock fence with barbed wire, 2 strand, extending northerly and southerly.

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



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

N. 15°20' W., on line 8-9.

Over nearly level land, along a 4 ft. high stock fence with barbed wire, 2 strand.

3.83

Intersect the N. and S. center line of sec. 19. Not monumented.

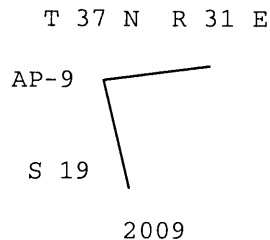
From this point, the center 1/4 sec. cor. of sec. 19, bears North, 21.08 chs. dist.

From this same point, the 1/4 sec. cor. of secs. 19 and 30, bears South, 18.925 chs. dist.

13.55

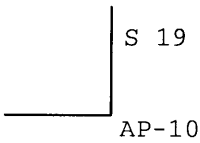
Point for Angle Point 9, B.I.A. Red Rock School property, at intersection with a portion of the N. bdy. of Parcel A.

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



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

**Metes-and-Bounds Survey in Section 19,
T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>Cor. is located along a 4 ft. high stock fence with barbed wire, 2 strand, extending northerly and southerly.</p> <p>From this cor. point, P.C. A-4, Parcel A, B.I.A. Red Rock School property, monumented with a iron pipe, 2 ins. diam., firmly set, projecting 24 ins. above ground, in concrete, 8 ft. diam., with top mkd. PC-A4, bears S. 78°29' W., 12.395 chs. dist.</p> <hr/> <p>N. 78°29' E., on line 9-10.</p> <p>Over nearly level land.</p>
1.99	<p>Angle Point 10, identical with P.C. A-5, Parcel A, B.I.A. Red Rock School property, monumented with the remains of a concrete cylinder, 6 in. diam.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 37 N R 31 E</p>  <p>2009</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the remains of the concrete cylinder alongside the stainless steel post</p> <hr/> <p>N. 11°28' E., on line 10-1.</p> <p>Over nearly level land.</p>
6.48	<p>Angle Point 1.</p> <hr/>

T. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is within the Navajo Indian Reservation and in the community of Red Rock, Arizona. The land is nearly level to broken in the areas of Red Wash. The drainage is northeasterly in the southwestern portion of the township by Red Wash.

The elevation varies from 5500 to 6100. The soil is sandy and sandy clay. There is no timber and the vegetation principally consists of scattered sagebrush and native grasses.

The principal access to the township is provided by Navajo Route 13, which enters the township in section 17 and exits the township in section 31. There are other Navajo Routes, asphalt surfaced highways and major graded roads, and numerous trail roads throughout the township. There are numerous residential homes throughout the township. Red Rock School is located in section 19. Most of the area is used for grazing livestock. There is no mining activity in this township.

The mean magnetic declination of $10\ 1/2^\circ$ E. was derived from the computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005 for the dates of survey.

CERTIFICATE OF SURVEY

I, Alvina A. Begaye, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 9th day of March, 2009, I have dependently resurveyed the Ninth Standard Parallel North (south boundary) and the north boundary and surveyed the subdivisional lines and the subdivision of section 19 and a metes-and-bounds survey, T. 37 N., R. 31 E., of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

7/6/2010
(Date)

Alvina A. Begaye
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of the Ninth Standard Parallel North (south boundary) and the north boundary and the survey of the subdivisional lines and the subdivision of section 19 and a metes-and-bounds survey, T. 37 N., R. 31 E., Gila and Salt River Meridian, in the State of Arizona, executed by Alvina A. Begaye, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

7/20/2010
(Date)

Danny J. West
Acting (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. 37 N., R. 31 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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