UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

REMONUMENTATION

OF

CERTAIN

CORNERS,

TOWNSHIP 26 NORTH, RANGE 28 EAST,

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY

William F. Olver, Cadastral Surveyor

Under Special Instructions dated and approved July 31, 1997, which provided for the surveys included under Group Number 814 and assignment instructions dated July 31, 1997.

Survey Commenced July 6, 1998
Survey Completed July 9, 1998

INDEX DIAGRAM

TOWNSHIP 26 NORTH, RANGE 28 EAST,

GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the remonumentation of certain corners, Township 26 North, Range 28 East, Gila and Salt River Meridian, Arizona.

The south boundary of the township was originally surveyed by Frank Follman in 1883 and resurveyed by Loyd E. Sechrist and Sidney E. Blout in 1920.

The request for this survey work was made by the Navajo Tribal Utility Authority, Ft. Defiance, Arizona, by letters dated June 4, 1997 and July 14, 1997. Numerous bearing trees were identified to be destroyed during the construction of an electric transmission line.

George S. Perce, RLS 17428 AZ and RLS 4962 NM, performed a centerline survey in preparation for the construction of the electric transmission line. During this survey he referenced the remaining bearing trees and perpetuated most of the corners remonumented in these field notes. His ties served to verify those bearing trees that were destroyed during construction.

The work 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 approved July 31, 1997, for Group No. 814, Arizona.

Identified corners were remonumented in their original positions.

The directions of all lines were determined by the technique of differential positioning using the Trimble Navigation 4400 series Global Positioning System receivers with Fast Static and Real-Time Kinematic techniques. Distances and angles were measured with a Topcon GTS3B total station instrument.

The mean magnetic declination is 12° E.

Remonumentation of Certain Corners,
T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

Resurvey executed by
Loyd E. Sechrist and Sidney E. Blout in 1920

The cor. of secs. 31 and 32 only, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

T26N R28E
S31 | S32

T25N R28E
S 6
1920

from which the remains of an original bearing tree

A barely discernible stump hole with severed roots, bears N. 40 1/4° W., 44 lks. dist. (Record: A pinyon, 10 ins. diam.)

and the remains of a 1920 bearing tree

A barely discernible stump hole with severed roots, bears N. 42° E., 77 lks. dist. (Record: A pinyon, 13 ins. diam.)

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T26N R28E
S31 | S32

T25N R28E
S 6
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 48°00′ E., 130.0 ft. dist., with brass cap mkd. T26N R28E S32 RM 130.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Remonumentation of Certain Corners,
T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears N. 42°00' W., 145.0 ft. dist., with brass cap mkd. T26N R28E S31 RM 145.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the sec. cor. Set a steel fence post nearby. Bury the 1920 iron post, 36 ins. long, alongside the stainless steel post at the sec. cor.

Cor. is located 90 lks. S. of a wood pole high voltage transmission line, bears E. and W.

The cor. of secs. 32 and 33 only, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd.

T26N R28E
S32 | S33

T25N R28E
S 5
1920

from which the remains of an original bearing tree

A piñon stump, 18 ins. diam., 6 ins. high, bears N. 10° W., 1.34 chs. dist., with healed blaze.

and the remains of the 1920 bearing trees

A piñon stump, 19 ins. diam., 5 ins. high, bears N. 1 1/2° E., 1.59 chs. dist., with scribe marks BT visible on an open blaze.

A piñon stump, 17 ins. diam., 6 ins. high, bears N. 32 1/4° W., 1.38 chs. dist., with faint scribe mark B visible on an open blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

Remonumentation of Certain Corners,
T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

T26N R28E
S32 | S33
T25N R28E
S 5
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 40°00′ E., 90.0 ft. dist., with brass cap mkd. T26N R28E S33 RM 90.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 50°00′ W., 130.0 ft. dist., with brass cap mkd. T26N R28E S32 RM 130.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the sec. cor. Set a steel fence post nearby. Bury the 1920 iron post, 36 ins. long, alongside the stainless steel post at the sec. cor.

Cor. is located 75 lks. S. of a wood pole high voltage transmission line, bears E. and W.

The cor. of secs. 33 and 34 only, on the S. bdy. of the Tp., monumented with a sandstone, 16 x 14 x 4 ins., firmly set, projecting 6 ins. above ground, with no visible marks, in a scattered mound of stone, with a rebar, 5/8 in. diam., set alongside to the S., with yellow plastic cap mkd. NM 4962. There is no remaining evidence of the 1920 iron post.

from which the remains of an original bearing tree

A piñon stump, 14 ins. diam., 5 ins. high, bears N. 46° W., 22 lks. dist., with faint scribe marks BT visible on an open blaze.

Remonumentation of Certain Corners,
T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

and the remains of the 1920 bearing trees

A piñon stump, 19 ins. diam., 4 ins. high, bears N. 33 3/4° E., 1.13 chs. dist., with healed blaze. (Record: N. 46 1/4° E.)

A piñon stump, 13 ins. diam., 9 ins. high, bears N. 76 1/2° W., 80 lks. dist., with a partially healed blaze. (Record: 79 lks. dist.)

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

T26N R28E	
S33	S34
T25N R28E	
S 4	
1998	

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 21 ins. in the ground, to bedrock, for a reference monument, bears N. 45°00′ E., 120.0 ft. dist., with brass cap mkd. T26N R28E S34 RM 120.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears N. 45°00′ W., 100.0 ft. dist., with brass cap mkd. T26N R28E S33 RM 100.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the sec. cor. Bury the original stone and the rebar, 12 ins. long, alongside the stainless steel post at the sec. cor.

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.

Remonumentation of Certain Corners,
T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

Cor. is located 75 lks. S. of a wood pole high voltage transmission line, bears E. and W.

The 1/4 sec. cor. of sec. 34 only, monumented with a rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground, with yellow plastic cap mkd. AZ 17428, in a scattered mound of stone, with a sandstone, 18 x 15 x 4 ins., lying loose nearby, with the mark 4 visible on a face. The rebar is accepted as a careful and faithful perpetuation of the position of the original cor. There is no remaining evidence of the 1920 iron post.

from which the remains of the original bearing tree

A piñon stump, 16 ins. diam., 5 ins. high, bears N. 27 1/4° E., 27 lks. dist., with scribe mark B visible on an open blaze. (Record: 25 lks. dist.)

and the remains of the 1920 bearing trees

A ponderosa pine stump, 27 ins. diam., 6 ins. high, bears N. 55 1/4° W., 2.185 chs. dist., with no visible blaze. (Record: N. 56 1/2° W., 226 lks. dist.)

A piñon stump, 20 ins. diam., 5 ins. high, bears N. 6 1/2° W., 55 lks. dist., with no visible blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.

T26N R28E
1/4 S34

T25N R28E
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 40°00' E., 130.0 ft. dist., with brass cap mkd. T26N R28E 1/4 S34 RM 130.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Remonumentation of Certain Corners,
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CHAINS

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 50°00′ W., 135.0 ft. dist., with brass cap mkd. T26N R28E 1/4 S34 RM 135.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the 1/4 sec. cor. Bury the rebar, 12 ins. long, alongside the stainless steel post at the 1/4 sec. cor.

Raise a mound of stone, 3 ft. base, 1 1/2 ft. high, N. of cor. and deposit the original stone in the mound.

Cor. is located 85 lks. S. of a wood pole high voltage transmission line, bears E. and W.

The 1/4 sec. cor. of sec. 35 only, on the S. bdy. of the Tp., monumented with a 60-penny nail, set flush with the surface of the ground, in a scattered mound of stone, and is accepted as a careful and faithful perpetuation of the position of the original cor. There is no remaining evidence of the original stone or the 1920 iron post.

from which the remains of the original bearing tree

A decaying ponderosa pine stump, 32 ins. diam., 12 ins. high, bears N. 45 1/4° W., 1.40 chs. dist., with no visible blaze.

and the remains of a 1920 bearing tree

A decaying ponderosa pine stump, 23 ins. diam., 36 ins. high, bears N. 31 1/2° E., 2.00 chs. dist., with no visible blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.

T26N R28E
1/4 S35

T25N R28E
1998

Remonumentation of Certain Corners,
T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

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 N. 55°00′ E., 135.0 ft. dist., with brass cap mkd. T26N R28E 1/4 S35 RM 135.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears N. 35°00′ W., 100.0 ft. dist., with brass cap mkd. T26N R28E 1/4 S35 RM 100.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the 1/4 sec. cor. Bury the 60-penny nail alongside the stainless steel post at the 1/4 sec. cor.

Raise a mound of stone, 3 ft. base, 1 ft. high, N. of cor.

Cor. is located 80 lks. S. of a wood pole high voltage transmission line, bears E. and W.

The 1/4 sec. cor. of sec. 36 only, on the S. bdy. of the Tp., monumented with a rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with yellow plastic cap mkd. NM 4962, and is accepted as a careful and faithful perpetuation of the position of the original cor. There is no remaining evidence of the original stone or 1920 iron post.

from which the remains of the original bearing tree

A piñon stump, 17 ins. diam., 3 ins. high, bears N. 48° W., 60 lks. dist., with no visible blaze.

and the remains of the 1920 bearing trees

A piñon stump, 15 ins. diam., 6 ins. high, bears N. 33 1/4° E., 1.27 chs. dist., with no visible blaze.

A piñon stump, 19 ins. diam., 10 ins. high, bears N. 71 1/2° W., 91 lks. dist., with scribe marks BT visible on an open blaze.

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CHAINS

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T26N R28E
1/4 S36

T25N R28E
1998

from which

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 40°00′ E., 125.0 ft. dist., with brass cap mkd. T26N R28E 1/4 S36 RM 125.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. 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. 50°00′ W., 128.0 ft. dist., with brass cap mkd. T26N R28E 1/4 S36 RM 128.0 FT TO COR 1998 and an arrow pointing to the cor. Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Set a steel fence post nearby.

Deposit a magnet enclosed in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post at the 1/4 sec. cor. Set a steel fence post nearby. Bury the rebar, 12 ins. long, alongside the stainless steel post at the 1/4 sec. cor.

Cor. is located 80 lks. S. of a wood pole high voltage transmission line, bears E. and W.

T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is inside the Navajo Indian Reservation, approximately 16 miles west-southwest of the community of Window Rock, Arizona. The elevation is approximately 7,300 feet above sea level.

Access is provided by trail roads.

The soil is primarily rocky and sandy clay. Timber consists of piñon, juniper, and ponderosa pine with undergrowth of Gambel's oak, and various types of brush and native grasses.

The mean magnetic declination of 12° E. was derived from the United States Geological Survey computer program GEOMAGIX utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Leonard R. Sandoval	Cadastral Surveyor
Daniel Bryan	Engineering Technician
Edward Clarke	Engineering Technician

CERTIFICATE OF SURVEY

I, William F. Olver, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 31st day of July, 1997, I have remonumented certain corners, Township 26 North, Range 28 East, 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; and that 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.

August 5, 1998
(Date)

William F. Olver
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the remonumentation of certain corners, Township 26 North, Range 28 East, Gila and Salt River Meridian, Arizona, executed by William F. Olver, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 12, 1998
(Date)

Glenn R. McKay
(Acting Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that the foregoing transcript of the field notes of the above-described survey in T. 26 N., R. 28 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

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