

ORIGINAL

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

SURVEY

OF

THE

TENTH STANDARD

PARALLEL NORTH,

(SOUTH BOUNDARY),

TOWNSHIP 41 NORTH, RANGE 26 EAST

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

EXECUTED BY

Jones Curtiss, Cadastral Surveyor

Under Special Instructions dated and approved September 9, 1999, which provided for the surveys included under Group Number 844 and assignment instructions dated September 9, 1999.

Survey Commenced May 15, 2000
Survey Completed May 17, 2000

INDEX DIAGRAM

TOWNSHIP 41 NORTH, RANGE 26 EAST,

GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the Tenth Standard Parallel North, (south boundary), Township 41 North, Range 26 East, Gila and Salt River Meridian, Arizona.

The Tenth Standard Parallel North, (south boundary), Township 41 North, Range 27 East, was originally surveyed by Horace G. Parker in 1953 and dependently resurveyed by Leonard R. Sandoval in 2000, 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 September 9, 1999, for Group No. 844, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic and static global positioning system observations using Trimble 4400 and 4700 model receivers.

Geodetic control was derived from first order or better U. S. Coast and Geodetic Survey triangulation stations "BEAUTIFUL 1951" and "COMB 1951", as published by the National Geodetic Survey, NAD83(1992). The geographic position of the southeast corner of the township is as follows:

Latitude 36°54'31.52" N. Longitude 109°29'58.63" W.

The mean magnetic declination is 12° E.

Survey of the Tenth Standard Parallel North, (South Boundary),
T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Beginning at the stan. cor. of Tps. 41 N., Rs. 26 and 27 E., monumented with a stainless steel 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 Tenth Standard Parallel North, (south boundary), T. 41 N., R. 27 E., Gila and Salt River Meridian, Arizona, executed concurrently under this same group.</p>
	<p>West, on the S. bdy. of sec. 36.</p>
	<p>Over rolling land.</p>
27.90	<p>Trail road, bears N. and S.</p>
37.60	<p>Willow Spring Wash, 30 ft. wide, 5 ft. deep, drains SW.</p>
40.00	<p>Point for the stan. 1/4 sec. cor. of sec. 36.</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>
	<p style="text-align: center;">SC T41N R26E 1/4 S36 ----- 2000</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p>
47.90	<p>Graded road, 20 ft. wide, bears ENE and WSW.</p>
55.10	<p>Graded road, 20 ft. wide, bears SE and NW.</p>
80.00	<p>Point for the stan. cor. of secs. 35 and 36.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in sandstone bedrock, with top mkd.</p>
	<p style="text-align: center;">SC T41N R26E S35 S36 ----- 2000</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case in the drill hole beneath the brass tablet.</p>

Survey of the Tenth Standard Parallel North, (South Boundary),
T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Land, rolling and sandstone outcrop. Soil, sandy clay and rocky. No timber; scattered greasewood, brush and native grasses.</p> <hr/> <p>West, on the S. bdy. of sec. 35.</p> <p>Over rolling land.</p>
8.10	Graded road, 15 ft. wide, bears ENE and WSW.
33.50	Graded road, 16 ft. wide, bears SSE and NNW.
37.15	Trail road, bears SSE and NNW.
38.00	Wash, 24 ft. wide, 1 ft. deep, drains SSE.
40.00	Point for the stan. 1/4 sec. cor. of sec. 35.
	<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;">SC T41N R26E 1/4 S35 ----- 2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p> <p>From this cor. point, a windmill, bears S. 31°55' E., 3.46 chs. dist.</p>
80.00	Point for the stan. cor. of secs. 34 and 35.
	<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;">SC T41N R26E S34 S35 ----- 2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p>

Survey of the Tenth Standard Parallel North, (South Boundary),
T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, an iron pipe, 2 1/2 ins. diam., firmly set, projecting 20 ins. above ground, of unknown origin, bears S. 86°42' W., 1.42 chs. dist., mkd. T41N R26E 2 3 T40N on the side.</p> <p>Land, rolling and sandstone outcrop. Soil, sandy clay and rocky. No timber; scattered greasewood, brush and native grasses.</p>
40.00	<p>West, on the S. bdy. of sec. 34.</p> <p>Over rolling land.</p> <p>Point for the stan. 1/4 sec. cor. of sec. 34.</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> <p style="text-align: center;">SC T41N R26E 1/4 S34 ----- 2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p>
80.00	<p>Point for the stan. cor. of secs. 33 and 34.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in sandstone bedrock, with top mkd.</p> <p style="text-align: center;">SC T41N R26E S33 S34 ----- 2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case in the drill hole beneath the brass tablet.</p> <p>Land, rolling and sandstone outcrop. Soil, sandy clay and rocky. No timber; scattered brush and native grasses.</p> <p>West, on the S. bdy. of sec. 33.</p> <p>Over rolling and broken land.</p>

Survey of the Tenth Standard Parallel North, (South Boundary),
T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	
33.20	Navajo Route 5055, a graded road, 20 ft. wide, bears SSE and NNW.
40.00	<p>Point for the stan. 1/4 sec. cor. of sec. 33.</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>
	<p style="text-align: center;">SC T41N R26E 1/4 S33 ----- 2000</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p>
80.00	<p>Point for the stan. cor. of secs. 32 and 33.</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>
	<p style="text-align: center;">SC T41N R26E S32 S33 ----- 2000</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p> <p>From this cor. point, a brass tablet, 2 ins. diam., recessed 1 1/2 ins. below top of a concrete collar, 8 ins. diam, set flush with the surface of the ground, established by Charles W. Dryden (deceased), R.L.S. 4321, Az., bears N. 88°42' E., 1.08 chs. dist., with top mkd. T41N S33 S5 S4 R26E T40N RLS 4321 1964.</p> <p>Land, rolling and broken with sandstone outcrop and ridges. Soil, sandy clay and rocky. No timber; scattered brush and native grasses.</p>
	<p>West, on the S. bdy. of sec. 32.</p> <p>Over rolling and broken land.</p>
40.00	<p>Point for the stan. 1/4 sec. cor. of sec. 32.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in sandstone bedrock, with top mkd.</p>

Survey of the Tenth Standard Parallel North, (South Boundary),
T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">SC T41N R26E 1/4 S32 <hr/>2000</p>
80.00	<p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case in the drill hole beneath the brass tablet.</p> <p>Point for the stan. cor. of secs. 31 and 32.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 2 1/2 ins. stem, cemented in place, in a drill hole, in sandstone bedrock, with top mkd.</p>
	<p style="text-align: center;">SC T41N R26E S31 S32 <hr/>2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case in the drill hole beneath the brass tablet.</p> <p>Land, rolling and broken with sandstone outcrop and ridges. Soil, sandy clay and rocky. No timber; scattered brush and native grasses.</p>
	<p>West, on the S. bdy. of sec. 31.</p>
	<p>Over broken land.</p>
7.80	<p>E. rim of Walker Creek Canyon, bears N. and S.</p>
9.30	<p>Base of E. canyon wall, bears SSE and NNW; continue over broken land.</p>
14.20	<p>Walker Creek, a wash, 20 ft. wide, 4 ft. deep, drains NW.</p>
16.50	<p>Trail road, bears SSE and NNW.</p>
32.90	<p>Base of W. canyon wall, bears N. and S.; ascend steep slope.</p>
38.00	<p>W. rim of canyon, bears SSE and NNW; continue over broken land.</p>
40.00	<p>Point for the stan. 1/4 sec. cor. of sec. 31.</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 Tenth Standard Parallel North, (South Boundary),
T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">SC T41N R26E 1/4 S31 <hr/>2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p>
80.00	<p>Point for the stan. cor. of Tps. 41 N., Rs. 25 and 26 E.</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> <p style="text-align: center;">SC T41N R25E R26E S36 S31 <hr/>2000</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white colored plastic case beneath the stainless steel post.</p> <p>Land, broken with sandstone outcrop, canyon, cliffs, and ridges. Soil, sandy clay and rocky. No timber; scattered greasewood, brush and native grasses.</p>

T. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona

CHAINS	GENERAL DESCRIPTION
	<p>The area surveyed is approximately 1 mile south of Mexican Water Trading Post and extends eastward. The terrain is mostly rolling and broken, with deep walled canyons along Walker Creek, a wash, which crosses the south boundary of section 31. The drainage is southwesterly in the east portion and northwesterly in the west portion. The principal drainage is Walker Creek, a wash.</p> <p>The elevation varies from 4,900 to 5,400 feet above sea level. The soil is mostly sandy and rocky clay, with sandstone outcrops along the canyons. The vegetation principally consists of scattered brush, greasewood, and native grasses. There is no timber in the surveyed area.</p> <p>Principal access to the township is provided by major graded roads including Navajo Route 5055 and numerous trail roads. Most of the area is used for grazing of livestock. There is no evidence of current mining activity.</p> <p>The mean magnetic declination of 12° E., was derived from the computer program GEOMAGIX utilizing the Regional Magnetic Field Model for Epoch 2000 for the dates of survey.</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Daniel Bryan	Engineering Technician
Wilfred Chee	Engineering Technician
Edward Clarke	Engineering Technician
Reuben Mason	Engineering Technician
Barney Woodie	Engineering Technician

CERTIFICATE OF SURVEY

I, Jones Curtiss, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 9th day of September 1999, I have surveyed the Tenth Standard Parallel North, (south boundary), Township 41 North, Range 26 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.

February 6, 2003
(Date)

Jones Curtiss
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the survey of the Tenth Standard Parallel North, (south boundary), Township 41 North, Range 26 East, Gila and Salt River Meridian, Arizona, executed by Jones Curtiss, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

February 26, 2003
(Date)

Kenny D Rowntree
(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. 41 N., R. 26 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~