Book 5708

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF

THE SIXTH STANDARD

PARALLEL NORTH,

(SOUTH BOUNDARY),

TOWNSHIP 25 NORTH, RANGE 25 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 May 1, 2002, which provided for the surveys included under Group No. 886, and assignment instructions dated May 1, 2002.

Survey commenced October 1, 2002

Survey completed October 2, 2002

INDEX DIAGRAM

TOWNSHIP 25 NORTH RANGE 25 EAST
GILA AND SALT RIVER MERIDIAN, ARIIZONA

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35 5	36 4

T. 25 N., R. 25 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the Sixth Standard Parallel North, (south boundary), Township 25 North, Range 25 East, Gila and Salt River Meridian, Arizona.

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

Frank Follman surveyed the Sixth Standard Parallel North along the south boundary, Township 25 North, Range 25 East, in 1883. Frederick C. Miller surveyed the east boundary, Township 25 North, Range 25 East, in 1915.

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 May 1, 2002, for Group No. 886, 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's Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) FLAGSTAFF, FERNO MESA AND PIE TOWN VLBA. The NAD83(CORS96)(EPOCH:2002) geographic position of the southeast corner of the township is as follows:

Latitude: 35°28'22.89" N. Longitude: 109°35'11.32" W.

The mean magnetic declination is 11 1/2° E.

**Dependent Resurvey of a Portion of the
Sixth Standard Parallel, (South Boundary),
T. 25 N., R. 25 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Restoring the surveys executed by Frank Follman, in 1882 and Frederick C. Miller, in 1915
	Beginning at the stan. cor. of Tp. 25 N., Rs. 25 and 26 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd. SC T25N R26E S31 S36 R25E T24N 1915, from which the remaining original bearing tree
	A piñon, 11 ins. diam., bears N. 72° E., 85 1/2 lks. dist., with illegible scribe marks on partially healed blaze. (Record: 17 ins., 90 lks.)
	Add the marks 2002 on the brass cap.
	From this cor. point, second order U. S. Geological Survey triangulation station "KLAGETOH", bears S. 26° 24' W., 275.07 chs. dist., monumented with a standard aluminum tablet, 3 1/2 ins. diam., cemented atop a concrete post, 7 ins. square, firmly set, projecting 7 ins. above an embedded collar of stone, 3 ft. base, with top mkd. KLAGETOH 1972 and a triangle.
	N. 89°53' W., on the S. bdy. of sec. 36.
	Over rolling land.
40.18	The stan. 1/4 sec. cor. of sec. 36, determined from the remains of the original bearing tree
	A piñon stump, 11 ins. diam. at base, 3 1/2 ft. high, bears N. 39 1/2° E., 47 lks. dist., with a healed blaze.
	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 25 N R 25 E 1/4 S 36
	2002

**Dependent Resurvey of a Portion of the
Sixth Standard Parallel, (South Boundary),
T. 25 N., R. 25 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	N. 89°51' W., beginning new measurement.
40.09	Point for the stan. cor. of secs. 35 and 36, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	SC T 25 N R 25 E S 35 | S 36
	2002
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.
	Cor. is located 33 lks. E. of a wash, 12 ft. wide, 4 ft. deep, drains SSW.
	N. 89°51' W., on the S. bdy. of sec. 35.
	Over rolling land.
40.09	The stan. 1/4 sec. cor. of secs. 35, determined from the original bearing tree
	A juniper, 10 ins. diam., bears S. 25° W., 17 lks. dist., with a healed blaze. (Record: 12 ins.)
	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 25 N R 25 E 1/4 S 35
	2002
	Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

**Dependent Resurvey of a Portion of the
Sixth Standard Parallel, (South Boundary),
T. 25 N., R. 25 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Cor. is located 1.11 chs. E. of a wash, 15 ft. wide, 8 ft. deep, drains SE.
	S. 89°49' W., beginning new measurement.
39.72	The stan. cor. of secs. 34 and 35, determined from the original bearing trees A piñon, 11 ins. diam., bears N. 53 3/4° E., 64 lks. dist., with a healed blaze. (Record: N. 50° E.) A multiple fork piñon, 11 ins. diam., bears S. 10° E., 32 lks. dist., with a healed blaze. (Record: S. 8° E.) 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 25 N R 25 E S 34 | S 35 2002 Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

T. 25 N., R. 25 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The portion of the Sixth Standard Parallel North surveyed is within the Navajo Indian Reservation and approximately 8 miles west-northwest of the community of Klagetoh, Arizona. The terrain is mostly rolling and the drainage is westerly.

The elevation is approximately 6600 feet above sea level. The soil is sand and sandy clay. There are heavy stands of piñon and some light juniper stands throughout the surveyed area. Undergrowth principally consists of sagebrush, rabbit brush, cacti and native grasses.

Principal access to the surveyed area is provided by Navajo Route 28, a major graded road that runs between Klagetoh and Greasewood, Arizona. Much of the area is used for grazing livestock with some permanent homesites in the area.

The mean magnetic declination of 11 1/2° E. was derived from the computer program GEOMAGIX utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

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 1st day of May, 2002, I have dependently resurvey a portion of the Sixth Standard Parallel North, (south boundary), T. 25 N., R. 25 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.

August 9, 2004 (Date)

Jones Curtiss (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the Sixth Standard Parallel North, (south boundary), T. 25 N., R. 25 E., Gila and Salt River Meridian, in the State of Arizona, executed by Jones Curtiss, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 13, 2004 (Date)

Kenny D Kavanaugh (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. 25 N., R. 25 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

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