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BOOK 5243

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 3 NORTH, RANGE 20 WEST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Stephen J. Malloy, Cadastral Surveyor

Under special instructions dated December 5, 1986, approved December 5, 1986,

which provided for the surveys included under Group Number

683 and assignment instructions dated December 5, 1986.

Survey commenced January 6, 1987

Survey completed January 12, 1987

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T 3 N, R 20 W, Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines of Township 3 North, Range 20 West, Gila and Salt River Meridian, Arizona.

Mineral Survey No. 1591 was surveyed by J.J. Fisher, U.S. Deputy Mineral Surveyor, in 1901. The subdivisional lines of the east three tiers of sections were surveyed by Donald E. Harding and Fred R. Chappell in March 1954, as shown on the plat accepted September 19, 1955.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 5, 1986, for Group No. 683, Arizona.

The directions of all lines were determined by direct solar observation and refer to the true meridian. Distances and angles were measured with a Geodimeter total station instrument.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. The corner of sections 10, 11, 14, and 15 was considered lost and was restored at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position of the ¼ section corner of sections 14 and 15, Township 3 North, Range 20 West, as scaled from U.S. Geological Survey quadrangle map "CUNNINGHAM MTN., ARIZ.," published in 1971, is:

Latitude 33°36'08.0" N Longitude 114°18'10.4" W

The mean magnetic declination as shown on the above quadrangle map is 14° E.

Dependent Resurvey,
a Portion of the Subdivisional Lines,
T 3 N, R 20 W, Gila and Salt River Mer., Arizona

(Restoring the 1954 survey by
Donald E. Harding and Fred R. Chappell)

Beginning at the ¼ sec. cor. of secs. 14 and 15, monumented with an iron post, 2½ ins. diam., projecting 10 ins. above ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

¼
S15 | S14
1954

From this cor., USLM No. 1591, bears N 54°43' E, 24.91 chs. dist., monumented with a rock outcrop 10 x 5 x 6 ft. above ground, mkd. USLM No. 1591 PD and an X on top at the cor. point, from which original bearing objects

A porphyry rock, 3 x 3 x 1 ft. above ground, bears N 19½° E, 354 lks. dist., mkd. BXR USLM No. 1591 PD (Record: 362 lks. dist.).

Dependent Resurvey, a Portion of the Subdivisional Lines,
T 3 N, R 20 W, Gila and Salt River Mer., Arizona

CHAINS	
	A porphyry rock, 10 x 8 x 10 ft. above ground, bears S 81°05' W, 640 lks. dist., mkd. BR USLM PD No. 1591 and a X (Record: 654.55 lks. dist.).
	From this same point, corner No. 1, M.S. No. 1591, Beehive No. 4 lode, bears N 14°11' W, 18.65 chs. dist., monumented with a slate stone, 16 x 10 x 6 ins. above ground, mkd. M No 3 4, on east face, and B L M 1591, on north face.
	from which
	A rock outcrop, 20 x 5 x 4 ft. above ground, bears S 58° W, 38 lks. dist., mkd. BRB No 4 1 (Record: S 59°13' W, 36.4 lks. dist.).
	A mound of stone, 4 ft. base, 3 ft. high, is W of the cor.
	N 0°05' W, bet. secs. 14 and 15.
	Asc. over steep rocky SW slope.
3.70	Ridge, bears S 45° E and N 45° W.
25.00	Spur, slopes N 60° E.
29.895	Point the N-N 1/64 sec. cor. of secs. 14 and 15.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	N-N 1/64 S15 | S14 1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	From this point, corner No. 4, M.S. No. 1591, Beehive No. 4 lode, bears S 34°21' W, 3.995 chs. dist., monumented with a porphyry boulder, 4 x 2 x 1 ft. above ground, mkd. + B No 4 4 1591 on top, with a mound of stone, 2 ft. base, 3 ft. high, N of the cor.
39.86	True point for the cor. of secs. 10, 11, 14, and 15, at proportionate dist., falls in a wash 20 lks. wide, course NE, where it is impracticable to establish a permanent monument. I found the original iron post, 28 ins. long, 2½ ins. diam., lying on the ground nearby, with brass cap mkd. as described in the official record of the 1954 survey by Donald E. Harding and Fred R. Chappell, but was unable to determine the original cor. position.
	From this point, the point selected for the witness corner of the cor. of secs. 10, 11, 14, and 15, bears N 45° E, 1.00 chs. dist.
	Reset the iron post, 24 ins. in the ground, and in a collar of stone, 2½ ft. base, to top, with brass cap now mkd.

Dependent Resurvey, a Portion of the Subdivisional Lines,
T 3 N, R 20 W, Gila and Salt River Mer., Arizona

CHAINS	
	WC T3N R20W S10 | S11 S15 | S14 1987 1954
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W of the cor.
	Set a steel fence post near the cor.
	From the ¼ sec. cor. of secs. 11 and 14, monumented with an iron post, 2½ ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd.
	¼ S11 S14 1954
	from which
	An iron pipe, 2 ins. diam., projecting 3 ins. above the ground, bears West, 1½ lks. dist.
	N 89°58' W, bet. secs. 11 and 14.
	Asc. over gradual east slope through cactus.
30.015	Point for the W-W 1/64 sec. cor. of secs. 11 and 14.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	S11 W-W 1/64 S14 1987
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
40.02	The true point for the cor. of secs. 10, 11, 14, and 15.
	N 0°01' E, bet. secs. 10 and 11.
	Asc. over S slope.
18.30	Ridge, bears S 65° E and N 65° W.
39.86	The ¼ sec. cor. of secs. 10 and 11, monumented with an iron post, 2½ ins. diam., projecting 9 ins. above ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.
	¼ S10 | S11 1954

Dependent Resurvey, a Portion of the Subdivisional Lines,
T 3 N, R 20 W, Gila and Salt River Mer., Arizona

CHAINS	
	From the true point for the cor. of secs. 10, 11, 14, and 15.
	S 89°33' W, bet. secs. 10 and 15.
	Asc. over E slope.
39.97	The ¼ sec. cor. of secs. 10 and 15, monumented with an iron post, 2½ ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	¼ S10/S15 1954
	from which a new bearing object
	A rock outcrop, 15 x 15 x 12 ft., bears N 63° E, 31½ lks. dist., mkd. XBO.
	Add the date 1987 to the brass cap.

GENERAL DESCRIPTION

The land encompassed in this survey is located about 7 miles southeast of Quartzsite, Arizona. The drainage is generally to the east by way of small washes. Elevations range from 1,140 to 1,600 feet above sea level. The vegetation consists of desert type plants, cactus, and creosote. The soil is third rate, but holds many minerals that are mined, such as gold. When walking or driving in this area, one must take care not to fall into the many open pits or mine shafts left by miners.

A person by the name of Tommie Jane Lane lives in the NW¼NW¼NW¼, section 14, and has put in a trailer with plans of building a house and sinking a well.

The mean magnetic declination for this area is 14° E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Gary D. Knoff	Survey Technician
Timothy J. Moore	Survey Technician

CERTIFICATE OF SURVEY

I, Stephen J. Malloy, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of December 1986, I have dependently resurveyed a portion of the subdivisional lines of Township 3 North, Range 20 West, 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, and in specific manner described in the foregoing field notes.

MAY 2 5 1987 — Stephen J. Malloy
(Date) (Cadastral Surveyor)

(Date) (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines of T 3 N, R 20 W, of the Gila and Salt River Meridian, Arizona, executed by Stephen J. Malloy, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAY 2 8 1987 — James P. Kelly
(Date) (Chief Cadastral Surveyor of Arizona)