BOOK 5478

1

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

PORTIONS OF CERTAIN MINERAL SURVEYS

AND

A METES-AND-BOUNDS SURVEY

IN

SECTION 11,

TOWNSHIP 20 SOUTH, RANGE 22 EAST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Stephen K. Hansen Cadastral Surveyor

Under Special Instructions dated June 12, 1996, approved June 12, 1996, which provided for the surveys included under Group Number 803, and assignment instructions dated June 13, 1996.

Survey Commenced June 17, 1996

Survey Completed July 09, 1996

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TOWNSHIP 20 SOUTH, RANGE 22 EAST,

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Township 20 South, Range 22 East
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of certain mineral surveys and a metes-and-bounds survey in Section 11, Township 20 North, Range 22 East, Gila and Salt River Meridian, Arizona.

A. J. Mitchell surveyed the Tombstone Townsite in 1880. T. F. White surveyed the Fourth Standard Parallel South and the township exteriors in 1881. J. F. Hesse resurveyed the Fourth Standard Parallel South, a portion of the north boundary, and surveyed the subdivisional lines and the mineral segregations in 1905. Solon M. Allis surveyed Mineral Survey General Number 223, Poor X Lode, in 1880. J. G. Parke surveyed Mineral Survey Number 267, Survey Lode, in 1881. H. G. Howe surveyed Mineral Survey Number 552, Hard Up Lode, in 1883.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated June 12, 1996, for Group No. 803, Arizona.

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. Identified corners were remonumented in their original positions; lost corners were restored and monumented 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 directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia Set 2B total station instrument.

The geographic position of corner number 6 of Mineral Survey 267, Survey Lode, identical with corner number 6 of Mineral Survey General Number 223, Poor X Lode, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "COMSTOCK", hereinafter described, is as follows:

Latitude: 31°42′43.34" N. Longitude: 110°04′20.22" W. NAD27

The mean magnetic declination, as taken from quadrangle map TOMBSTONE, ARIZ., published in 1952 by U.S. Geological Survey, is 12° E.

Dependent Resurvey of Portions of Certain Mineral Surveys
T. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Reestablishment of the Survey Executed by J. G. Parke, in 1881
	Beginning at cor. 7 of M.S. 267, Survey Lode, monumented with a rebar, 1/2 in. diam., 12 ins. long, firmly set, projecting 3 ins. above ground, encircled with a collar of stone. This is accepted as the best available evidence of the orig. cor. position.
	At the cor. point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, encircled with a collar of stone, with brass cap mkd.
	T20S R22E SUR MS267 C7 1996
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath and the local rebar inside the stainless steel post.
	N. 58°32′ W., on line 7-6 of M.S. 267, Survey Lode.
17.78	Point for AP 1, hereinafter described.
20.00	Cor. 6 of M.S. 267, Survey Lode, identical with Cor. 6, M.S. Gen. No. 223, Poor X Lode, and also identical with AP 2, monumented with a rebar, 5/8 in. diam., 28 ins. long, firmly set, 2 ins. below the surface of ground. This is accepted as the best available evidence of the orig. cor. position.
	At the cor. point.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 30 ins. in the ground, with brass cap mkd.
	T20S R22E PX GN223 C6 SUR MS267 C6 S11 AP2 1996

Dependent Resurvey of Portions of Certain Mineral Surveys
T. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath and the local rebar inside the stainless steel post.
	From this cor. point, the cor. of secs. 2, 3, 10 and 11, established by John F. Hesse, in 1905, monumented with a granite stone, 10 X 8 ins., firmly set, projecting 5 ins. above ground, encircled with a collar of stone, with 2 notches on SE edge, and remains of notches on SW edge, bears N. 49°02′ W., 31.09 chs. dist. Not remonumented.
	From this same cor. point, Mineral Monument Number 1, monumented with a brass tablet, 3 1/2 ins. diam., firmly set, in concrete, flush with ground, with brass cap mkd. NO. 1001 1966 and an X, with a brass washer attached, stamped PE 4081, bears S. 25°09′ E., 79.21 chs. dist. This is accepted as the best available evidence of the orig. cor. position.
	From this same cor. point, Mineral Monument Number 2, monumented with an iron rod, 1 in. square, firmly set, projecting 1 in. above ground, bears S. 4°47′ W., 81.80 chs. dist. This is accepted as the best available evidence of the orig. cor. position.
	From this same cor. point, Mineral Monument Number 5, monumented with an iron post, 1 in. diam., firmly set, in a concrete pyramid, 1 1/2 ft. high, 2 ft. base, bears N. 7°54′ W., 41.61 chs. dist. This is accepted as the best available evidence of the orig. cor. position.
	From this same cor. point, U.S.C. and G.S. triangulation station "COMSTOCK", with published latitude and longitude of 31°43′10.35" N., and 110°04′24.19" W., (NAD 27), monumented with a brass tablet, 3 1/2 ins. diam., firmly set in concrete, flush with the surface of ground, bears N. 7°09′ W., 41.69 chs. dist., mkd. COMSTOCK ASA 1946 with a triangle.
	Reestablishment of the Survey Executed by Solon M. Allis, in 1881
	N. 32°09′ W., on line 6-5 of M.S. Gen. No. 223, Poor X Lode.
7.73	Cor. 3, M.S. 552, Hard Up Lode, monumented with a rebar, 5/8 in. diam., 30 ins. long, firmly set, projecting 3 ins. above ground. This is accepted as the best available evidence of the orig. cor. position.
	At the cor. point.

Dependent Resurvey of Portions of Certain Mineral Surveys
T. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS

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

T20S R22E
PX
GN223

C3
MS552
HU

S11

1996

Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.

Remove the local rebar, impracticable to bury.

From this cor. point, cor. 5, M.S. Gen. No. 223, Poor X Lode, identical with cor. 2, M.S. 552, Hard Up Lode, monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, encircled with a collar of stone, mkd. POOR X on the SE side, bears N. 32°06′ W., 14.99 chs. dist. This is accepted as the best available evidence of the orig. cor. position. Not remonumented.

Metes-and-Bounds Survey in Section 11,
T. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona

From the point for AP 1, on line 7-6, M.S. 267, Survey Lode.

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

T20S R22E
SUR
MS267

AP1

S11

1996

Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.

N. 58°32′ W., on a portion of line 7-6, M.S. 267, Survey Lode.

Metes-and-Bounds Survey in Section 11
T. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
2.22	AP 2, identical with Cor. 6 of M.S. 267, Survey Lode, and Cor. 6, M.S. Gen. No. 223, Poor X Lode, hereinbefore described.
	S. 84°34′ W., on the line bet. AP 2 and AP 3.
0.99	Point for AP 3.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T20S R22E S11 AP3 1996
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	S. 0°39′ W., on the line bet. AP 3 and AP 4.
3.09	Point for AP 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T20S R22E AP4 S11 1996
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	S. 67°54′ E., on the line bet. AP 4 and AP 5.
2.02	Point for AP 5.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.
	T20S R22E AP5 S11 1996

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Metes-and-Bounds Survey in Section 11
T. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white plastic case beneath the stainless steel post.
	N. 20°33′ E., on the line bet. AP 5 and AP 1.
2.98	AP 1.

General Description

This survey is located in historic Tombstone, Arizona. The elevation averages approximately 4500 feet above sea level.

The soil is rocky and heavily mineralized. The vegetation consists of mesquite, grease wood and cacti.

There was extensive mineral activity noted in the area.

BOOK 5478

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A Baier	Surveying Technician
Geoffrey A. Graham	Surveying Technician
Dennis O. Kuhn	Surveying Technician

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 12 day of June, 1996, I have dependently resurveyed portions of certain mineral surveys and performed a metes-and-bounds survey in Section 11, Township 20 South, Range 22 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, and in specific manner described in the foregoing field notes.

JAN 27 1997
(Date)

Stephen K. Hansen
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of certain mineral surveys and a metes-and-bounds survey in Section 11 of Township 20 South, Range 22 East, Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JAN 30 1997
(Date)

Dale C. Wilson
(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. 20 S., R. 22 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

JAN 30 1997
(Date)

Dale C. Wilson
(Acting Chief Cadastral Surveyor of Arizona)