

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

BOOK 4240

FIELD NOTES

OF RETRACEMENT OF

CONNECTION BETWEEN THE ESPERANZA PATENTED LODE MINING CLAIM, LOT 37

AND

U.S. MINERAL MONUMENT NO. 1 OF PIMA MINING DISTRICT

AND OF SURVEY OF

CONNECTION BETWEEN SAME MINING CLAIM

AND

THE 1/4 SEC. COR. OF SECS. 16 AND 21

TOWNSHIP NO. 18 SOUTH, RANGE NO. 12 EAST

Of the Gila and Salt River Meridian,

In the State of ARIZONA

EXECUTED BY

Benjamin J. Kinsey

Associate Cadastral Engineer

supplemental
Under special instructions dated December 20, 1941, which provided

for the surveys included under Group No. 233, Arizona, ~~being the approval of the~~
authorized by letter 1878688 "E" from the
Commissioner of the General Land Office under date of August 29, 1941

and assignment instructions dated December 20, 1941

Retracement and
Survey commenced February 24, 1942

Retracement and
Survey completed February 24, 1942

4240

4240

INDEX DIAGRAM.

Township , *Range*

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	36

The retracement and survey herein described were executed by Benjamin J. Kinsey, Associate Cadastral Engineer, February 24, 1942, using Buff and Buff transit No. 18000. This instrument is equipped with an improved Smith solar attachment, and otherwise conforms to the standard specifications of the General Land Office. Field tests of same made shortly prior and subsequent to the retracement and survey herein described demonstrated that the instrument was in satisfactory adjustment throughout the period in which it was used.

The measurements were made with a Lufkin steel tape, 5 chs. in length, graduated every link for the first 100 lks., and the remainder at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard tape and found correct. The measurements were made on the slope, the vertical angle of each interval determined by a clinometer in good adjustment, and the slope measurements reduced to horizontal equivalents for entry in these field notes.

All of the subdivisional lines of T.18 S., R.12 E., Gila and Salt River meridian, Arizona, were surveyed in 1873 by T. F. White, U.S. Deputy Surveyor, and no retracement or re-survey of any part of same is of official record.

In 1881, L. D. Chillson, U.S. Deputy Mineral Surveyor, executed official survey of two lode mining claims in this township, namely, the ESPERANZA and the FRAZIER RIVER. This survey was executed in the very early era of U.S. mineral surveys, when each surveyed claim was designated as a numbered lot of the mining district in which it was located, the first claim surveyed in the district being designated, in addition to its name, as Lot No. 37 of the district, and each succeeding claim consecutively numbered from 37 in the chronological order of its survey. The two lode mining claims mentioned were in the PIMA Mining District, and were the first claims surveyed therein. The ESPERANZA being the first of the two to be surveyed, was designated as Lot 37, and the FRAZIER RIVER being surveyed immediately thereafter was designated as Lot 38, of PIMA Mining District, PIMA County, Territory of Ariz.

The ESPERANZA and the FRAZIER RIVER are not contiguous claims, but lie close together, both bearing NE. and SW., nearly parallel, and the ESPERANZA is slightly west of the FRAZIER RIVER claim. According to the official record of said mineral surveys, all four corners and the centers of the end lines, of both claims, were monumented with mesquite posts, appropriately marked, and each set in a mound of stones. The claim cors. were not numbered, but were designated as "NW.cor.", "NE.cor.", etc., the most northerly cor. of each of the claims being designated as its "NE.cor." A connection was surveyed between the NE. cor. of the FRAZIER RIVER and the SE. cor. or most easterly corner of the ESPERANZA claim.

Although the mining claims were surveyed eight years subsequent to the survey of the subdivisional lines of T.18 S., R.12 E., the mineral surveyor apparently disregarded the fact that they were located upon accepted, surveyed public land, as he established a mineral monument on a conspicuous point on a ridge northwesterly from the claims, which he designated as U.S. Mineral Monument No. 1 of the PIMA Mining District, Arizona, and surveyed a connection there- to from the SW. end center cor. of the ESPERANZA claim. No connection to any corner of the public land surveys was surveyed by mineral surveyor Chillson; no statement

appears in his field notes as to any search having been made for the cors. of the public land surveys; and he did not record an approximate location of the claims as to township, range, and section.

Since the survey of the ESPERANZA and FRAZIER RIVER claims, no other approved mineral surveys in the near vicinity thereto have been executed, which might have provided an official record of a connection between U.S.M.No.1 and a corner of the public land surveys in this township, therefore the Public Survey Office has, until a comparatively recent date, been unable to determine a definite location for said mineral monument or the two mining claims connected thereto.

In 1934, a connection from the NE. cor. of the ESPERANZA to the $\frac{1}{4}$ sec.cor. of secs.16 and 21, T.18 S.,R.12 E., obtained by Mr.Philip Contzen, an Arizona registered land surveyor, in making a private survey, was furnished in a letter to the Public Survey Office. As Mr.Contzen was not a recognized General Land Office surveyor, the information furnished could not become an official record.

The Commissioner of the General Land Office, in his memorandum "N" of June 6, 1941, to the District Cadastral Engineer, Phoenix, Arizona, instructed the preparation of a supplemental plat of section 21, T.18 S.,R.12 E., to show the segregation of the ESPERANZA and FRAZIER RIVER mining claims from said section, for the purpose of accommodating State of Arizona Selection List, Phoenix 078495.

By letter 1878683 "E" of August 29,1941, to Mr.John L. Warboys, Acting District Cadastral Engineer, Phoenix, Arizona, the Commissioner authorized the execution, by a G.L.O. engineer, of such survey as might be required to obtain a connection between the ESPERANZA patented lode mining claim and the $\frac{1}{4}$ sec.cor. of secs.16 and 21, T.18 S. R.12 E., and make an official record thereof, so that a proper basis would be available for the preparation of the supplemental plat of sec.21 instructed to be made in his letter of June 6, 1941.

In accordance with such authority from the Commissioner, and supplemental special instructions from the District Cadastral Engineer under Group No.233, Arizona, the retracement and resurvey hereinafter recorded was executed.

Retracement; Connection between ESPERANZA lode mining claim, Lot 37, and U.S.Mineral Monument No.1

3

Chains	<p>The SW.end center cor. of the ESPERANZA lode mining claim, Lot 37, in NE$\frac{1}{4}$NW$\frac{1}{4}$ of sec.21, T.18 S.,R.12 E., is a wood post, marked as described in the official record, and firmly set in a mound of stones.</p> <p>Thence</p> <p>N.28°15'W., toward U.S.Mineral Monument No.1 which is plainly visible on such bearing.</p>
32.69	<p>Intersect U.S.Mineral Monument No.1, Pima Mining District, in SE$\frac{1}{4}$SW$\frac{1}{4}$ of sec.16, T.18 S.,R.12 E., which is a wood post, firmly set in a large mound of stones, marked and witnessed as described in the official record.</p> <p>The true course and dist. of the connection between the SW.end center cor. of the ESPERANZA lode mining claim, Lot 37, and U.S.Mineral Monument No.1, are therefore: N.28°15'W., 32.69 chs.</p> <p>The official field notes of the mineral survey records this connection as, N.28°15'W., 33.92 chs.</p> <p>To verify the location of the SW.end center cor. of the ESPERANZA claim, retrace the SW. end line, the SE. side line, and the NE. end line, of said claim, and find all recorded corner monuments in place, firmly set and properly marked, with the courses and lengths of the lines between such corners in close agreement with the mineral survey record.</p> <p>The recorded improvements on the claim still exist, and the bearings thereto from the claim cors. found are in close agreement with the official record, which provides additional evidence that the found corners occupy the original points of location, although all of said corners have apparently been reconstructed.</p>

Survey: Connection between ESPERANZA lode mining claim and 1/4 sec. cor. of secs. 16 and 21, T.18 S., R.12 E.

4

Chains The most northerly corner of the ESPERANZA lode mining claim, Lot 37, in the SW 1/4 SE 1/4 of sec. 16, T.18 S., R.12 E., is designated in the official record as its NE. cor., and was not numbered. This corner is a wood post, marked as per record, and firmly set in a mound of stones. Its position, in relation to all other corners of the claim, is found by retracement to closely agree with the record.

Thence

S. 68° 20' W., toward flag visible on the 1/4 sec. cor.

11.45 Intersect the 1/4 sec. cor. of secs. 16 and 21, T.18 S., R.12 E., which is a stone 2x7x10 ins., faintly marked "1/4", and set in a mound of stones. The official record of survey of the subdivision of this township by T.F. White in 1873 describes monumentation of this corner with a wood post in mound of earth, witnessed by pits. Make diligent search in this vicinity for evidence of remains of a corner monument agreeing in description with the official record but fail to find any, therefore conclude that the marked stone and mound of stones is a reconstruction of the original 1/4 sec. cor. monument, in its original location, made by some private surveyor at a time when some evidence of the original corner existed.

This is evidently the 1/4 sec. cor. monument found by Mr. Philip Contzen, an Arizona registered land surveyor, in 1934, as reported by him to the Public Survey Office, in a letter, although he failed to furnish a description of the monument which he found.

It is believed, from various sources of information, that most of the subdivisional corners in this township have become lost, or obliterated beyond possibility of identification, therefore, to determine whether the above described corner monument marks the original point of location of the 1/4 sec. cor. would require such extensive retracements as would not be justified for the present purpose.

Accepting the above described corner monument as the original 1/4 sec. cor., the connection between the NE. cor. of the ESPERANZA lode mining claim, Lot 37, and the 1/4 sec. cor. of secs. 16 and 21, T.18 S., R.12 E. is:

S. 68° 20' W., 11.45 chs.

175
(3)

BOOK 4240

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS
to

Benjamin J. Kinsey, Associate Cadastral Engineer

NAMES	CAPACITY
Irwin B. Williams	Principal Assistant
Glen A. Bush	Chainman

176
4
CERTIFICATE OF SURVEYOR

I, Benjamin J. Kinsey, Associate Cadastral ^{Engineer}, HEREBY CERTIFY upon honor that, in supplemental pursuance of special instructions bearing date of the 20th day of December, 1941, received from the district cadastral engineer for Arizona, with assignment instructions dated December 20, 1941, I have retraced the Connection between the Esperanza lode mining claim, Lot 37, and U.S. Mineral Monument No. 1 and have surveyed a Connection between same mining claim and the 1/4 sec. cor. of secs. 16 and 21, Township No. 18 South, Range No. 12 East of the Gila & 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 retracement and survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.

Phoenix, Arizona

May 12 - 1942

Benjamin J. Kinsey
Associate Cadastral Engineer

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colo., JUL 20, 1942

The foregoing field notes of the retracement of Connection between the Esperanza lode mining claim, Lot 37, and U.S. Mineral Monument No. 1 and of the survey of Connection between same mining claim and the 1/4 sec. cor. of secs. 16 and 21, Township No. 18 South, Range No. 12 East, of the Gila and Salt River meridian, in the State of Arizona.

executed by Benjamin J. Kinsey, Associate Cadastral Engineer, G.L.O., supplemental under special instructions dated December 20, 1941, for Group 233, and assignment instructions dated December 20, 1941, having been critically examined, and the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey therein described, are hereby approved.

Quinn T. Johnson
Supervisor of Surveys.

~~CERTIFICATE OF TRANSCRIPT~~

~~I certify that the foregoing transcript of the field notes of the above described surveys in _____, is a true copy of the original field notes on file in the public survey office.~~

~~Supervisor of Surveys.~~