



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
State Office
3022 Federal Building
Phoenix, Arizona 85025

1
IN REPLY REFER TO

9183.1 (E)
M.S. #2966 and
M.S. #2967

February 4, 1971

Memorandum

To : Chief, Division of Engineering, ASO
From : Paul G. Bauer, Cadastral Surveyor
Subject: Location of Mineral Survey #2966 Black Diamond Lode and
Mineral Survey #2967 Isabel Lode

I, Paul G. Bauer, was instructed by your memorandum of January 29, 1971, to make a field check of the location of Mineral Survey #2966 Black Diamond lode and Mineral Survey #2967 Isabel lode, in Township 20 South, Range 14 East, Gila & Salt River Meridian, Arizona.

This field check was completed February 1, 1971, and following is a complete report of my findings:

Cor. No. 4, M.S. #2967 Isabel lode, is determined from the remains of the bearing rocks; point for the cor. is located on the west side of a wash, draining N.

from which

A bearing rock, on exposed ledge, approximately 6 x 5 x 3 ft. in size, bears S. 45°30' W., 6 ft. dist., marked
4-2967⁺ BR. (record size 3 x 2 x 1 ft.).

A bearing rock, on exposed ledge, approximately 4 x 3 x 2 ft. in size, bears N. 41° W., 4 ft. dist., with the face of the rock ledge crumbled to such an extent that no markings were visible.

The ¼ sec. cor. of secs. 20 and 29, T. 20 S., R. 14 E., G&SR M., Arizona, bears N. 1°42' E., 7.95 chs. dist., monumented by an iron post, 1 in. diam., projecting 12 ins. above ground, firmly set in a collar of stone and with a steel fence post and F.S. marker alongside, brass cap marked

¼ $\frac{S20}{S29}$
1923

2

The $\frac{1}{4}$ sec. cor. of secs. 20 and 29, is located about 50 lks. west of the same wash near Cor. No. 4 of M.S. #2967 Isabel lode and about 3.00 chs. south of a graded road bearing easterly to Mt. Hopkins and westerly down Montosa Canyon.

The Isabel lode is bounded on the south by Mineral Survey #2966 Black Diamond lode.

Paul G. Bauer

cc: Field Notes (M.S. #2966)
" " (M.S. #2967)
" " (T. 20 S., R. 14 E.)
Land Office Manager
U. S. Forest Service, Albuquerque, New Mexico

UNITED STATES GOVERNMENT

Department of Agriculture—Forest Service
Phoenix, Arizona 85025

Memorandum

TO : Engineering Branch, BLM
Department of the Interior

FROM : Gordon Long, Cadastral Surveyor
Land Line Location - Forest Service

SUBJECT: Mineral Surveys -
Black Diamond and Isabel Lodes

File No. 7150

Date: February 12, 1968

Your reference:

Adrian Hill, Patagonia District Forest Ranger, was contacted by local residents, who stated that the location of Mineral Surveys Nos. 2966 and 2967, Black Diamond and Isabel Lodes, on BLM Status Plats, Forest Service Maps and Ownership Patents, is incorrect. The status plats show claims in sec. 20, T. 20 S., R. 14 E. The claims actually lay in sec. 29.

The Forest Service Zone Land Line Location crew located a bearing rock for Corner No. 4 of Mineral Survey 2967, which is an exposed rock ledge, 6'x3'x5' (3'x2'x1'-record) chiseled x 4 2967 BR on the east face. The other bearing rock (2'x2'x1'-record) was not recovered as the ledge on the north of the found bearing rock has crumbled. A recent mound of stone with a 2"x4" post in the center makes recognition of the original point for the MS impossible, so the tie was made to the original bearing rock. From the bearing rock for Corner No. 4 MS 2967, the $\frac{1}{4}$ corner for sec. 20 and 29 BRs N. 02° W., 531.0 feet dist. (An accurate bearing was not observed due to a lack of time and poor weather conditions; the magnetic declination was set at 13° E.) If a more accurate tie is desired, it can be made upon request at a later date.

This information should be sufficient to indicate that the original mineral surveyor misidentified the township corner for secs. 13, 18, 19, 24, which should have been 24, 25, 19 and 30.

Gordon Long

*Notation made on plat of Black Diamond lode
M.S. 2966
and on plat of Isabel lode M.S. 2967.*

Original of this letter filed w/Field Notes
of M.S. #2966. One copy filed w/Field Notes M.S. #2967.
One copy sent to Land Office

A-50 Engineering Div. B.W.

FEB 29 1912

Platted

(4-683.)

Mineral Survey No. 2967

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

M. P. FREEMAN, FRANCES E. SMITH AND E. J. HUGHES.

KNOWN AS THE

ISABEL

SALERO Mining District.

SANTA CRUZ County, ARIZONA.

Sections 17 & 20, Township 20 S., Range 14 E. (unsurveyed)
Coronado National Forest

Surveyed under instructions dated January 27, 1912.

by Edgar C. Dietrich
U. S. Deputy Mineral Surveyor

Claim located See location notice, 1

Survey commenced January 31, 1912, 1

Survey completed January 31, 1912, 1

o 6-1911

Address:

M. P. Freeman,

Tucson, Arizona.

*Attorney
Selim Franklin
Tucson - Arizona*

ISABEL
SURVEY No. 2967

Beginning at Cor. No. 1, identical with the location, which is a mound of stone, 3 ft. base, 3 ft. high, I chisel cross (X) on limestone in place, 2x1x4 ft. above ground, and I-1-2967; from which

Cor. of Secs. 13, 18, 19 and 24, Tps. 20 S., Rs. 13 and 14 E.,
brs. S. 88°48'W., 7072.8 ft. dist.

Baboquivari Peak brs. N. 79°45'W.

North Peak Montosa Butte brs. N. 28°E.

South Peak Montosa Butte brs. N. 15°E.

Thence South
Var. 13°E.

270. Gulch, course W.

300. To West End Center Monument, identical with the location, which is a mound of stone, 3 ft. base, 2½ ft. high.

600. To Cor. No. 2, identical with the location, and with Cor. No. 1 of the Black Diamond Lode, Survey No. 2966, which is a limestone rock, 4x3x1 ft. above ground, chiseled with a cross (X) on top. I chisel on same I-2-2967 on NE face whence

Helmet peak, brs. N. 22°30'W.

Mt. Hopkins, brs. N. 64°00'E.

Thence East
Var. 13°E.

750. To Side Line Monument, (South side center) identical with the location, which is a mound of stone, 3 ft. base, 2½ ft. high.

800. Trail, brs. N. and S.

1500. To Cor. No. 3, identical with the location, and with Cor. No. 4 of the Black Diamond Lode, Survey No. 2966, which is an oak post, 4 ins. sq., 4 ft. long, set 18 ins. ^{in the} ground, and surrounded by a mound of stone. I scribe same on the NW face I-3-2967; whence

An oak, 6 ins. diam., brs. S. 80°30'W., 22 ft. dist.

An oak, 8 ins. diam., brs. N. 73°00'W., 24 ft. dist.

. Both blazed and scribed 3-2967 B.T

Thence North
Var. 13°E.

300. To East End Center Monument, identical with the location, which is a mound of stone, 3 ft. base, 2½ ft. high.

600. To Cor. No. 4, identical with the location, which is an oak post, 4 ins. sq., 4 ft. long, set 18 ins. in the ground, and surrounded with a mound of stone, I scribe same on SW face I-4-2967; whence

A cross (X) and 4-2967 B R chiseled on a porphyry boulder in place 3x2x1 ft. above ground, brs. S. 45°30' W. 6 ft. dist.

A cross (X) and 4-2967 B R chiseled on a porphyry boulder in place 2x2x1 ft. above ground, brs. N. 41°00' W. 4 ft. dist.

Thence West
Var. 13°E.

220. Trail, brs. NE and SW.

400. Gulch, course NE.

750. Side Line Monument, (North side center.) identical with the location, which is a mound of stone, 3 ft. base, 2½ ft. high.

1500. To Cor. No. 1, the place of beginning.

AREA

Area, ----- 20.661 Acres

LOCATION

This claim is located in Secs. 17 and 20, T. 20 S., R. 14 E G. & S. R. B. & M., unsurveyed, and is within the Coronado National Forest, Salero Mining District, Santa Cruz County, Arizona.

ADJOINING CLAIMS

This claim is bounded on the South by the Black Diamond Lode, Survey No. 2966.

PRESUMED COURSE OF VEIN

The course of the vein of this lode is East 1500 ft. from the West End Center Monument.

-----EXPENDITURE OF FIVE HUNDRED DOLLARS.-----

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements on this claim, placed thereon by the claimants, or their grantors, is not less than Five Hundred Dollars, and that said improvements consist of:

From East End Center:

No.1. Discovery tunnel, 4x6 ft. 50 ft. long, course W.,
brs. W. 750 ft. dist. Value \$300.00

No.2. Shaft, 4x6 ft. 40 ft. deep, brs. W. 720 ft. dist.
Value \$300.00

From Cor. No. 4:

No.3. Shaft, 4x6 ft. 40 ft. deep, brs. S. 71°30' W., 250
ft. dist. Value \$300.00

No.4. Shaft, 4x6 ft. 50 ft. deep, brs. S. 71°30' W., 690
ft. dist. Value \$400.00

INSTRUMENT.

This survey was executed with a Young & Sons light mountain transit, with solar attachment. The courses were deflected from the lines of Black Diamond lode, Survey No. 2966.

The distances were measured with a 100-foot steel tape.

Edgar C. Dietrich
U.S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edgar C. Dietrich

United States ~~Deputy~~ Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of M. P. Freeman, Frances E. Smith and E. J. Hughes

known as the ISABEL

and showing the respective capacities in which they acted.

- Peter G. Smith....., *Chairman.*
- Andrew Keen....., *Chairman.*
- Peter G. Smith....., *Arman.*
- Andrew Keen....., *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, Peter G. Smith

and Andrew Keen, do solemnly swear that we assisted Edgar C.

Dietrich, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of M. P. Freeman, Frances E. Smith and E. J. Hughes

known as the ISABEL

represented in the foregoing field notes as having been surveyed by said ~~deputy~~ mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona

- Peter G. Smith....., *Chairman.*
- Andrew Keen....., *Chairman.*
- Peter G. Smith....., *Arman.*
- Andrew Keen....., *Flagman.*

Subscribed and sworn to by the above-named persons before me this 3rd

day of February, 1912.

H. G. Power

..... Notary Public

My commission expires May 16, 1912.

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Edgar C. Dietrich, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 27, 1912, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of M. P. Freeman, Frances E. Smith and E. J. Hughes, known as the ISABEL, situate in Salero Mining District, Santa Cruz County, Arizona, in Section s 17 & 20, Township No. 20 S, Range No. 14 E. (unsurveyed) Coro-
nado National Forest, and designated as Survey No. 2967, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimants or their grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Edgar C. Dietrich
 U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Edgar C. Dietrich
 U. S. ~~Deputy~~ Mineral Surveyor, before me W. G. Power, a
Notary Public this 3rd
 day of February, 1912,

W. G. Power

Notary Public
 My commission expires May 16, 1912.

ISABEL MINING CLAIM.

Certificate of Mining Location Quartz Claim. This Certifies that the Isabel Mining Claim was located by the undersigned E.J. Hughes and M.F. Shaw, on the 24th day of Aug., 1896. The said mining claim is 1,500 feet in length and 300 feet on each side of the center of the discovery shaft lengthwise of the claim, is claimed by the locators, that the general course of the lode and premises is from the east to the west; that said claim is situated and located in Salero Mining District in Pima County, in the Territory of Arizona, and about one and one-half miles in a westerly direction from Mineral Mountain and on the westerly slope of the Santa Ritas. That the undersigned discoverer of said mining claim located the same on the 24th day of Aug., 1896, by posting at the point of discovery on the surface a plain notice, of which the following is a copy, -To all whom it may concern-- This mining claim, the name of which is the "Isabel" mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by E.J. Hughes 1/4 interest and M.F. Shaw 3/4 interest the undersigned, on the 24th day of August, 1896. The length of the claim is 1,500 feet and we claim 300 feet on each side of the discovery shaft (at which this notice is posted) lengthwise of the claim. The general course of the lode deposit and premises is from the East to the West. The claim is situated and located in Salero Mining District, in Pima County, in the Territory of Arizona, about one and one-half miles in a westerly direction from Mineral Mountain and on the westerly slope of the Santa Ritas. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a westerly direction 750 feet from the discovery shaft, at which this notice is posted, being in the center of the west end line of said claim, thence south 300 feet to a monument of stones being the S.W. corner of said claim, thence East 750 feet to a monument of stones at the center of the South side line of said claim, thence East 750 feet to a monument of stones, being at the S.E. corner of said claim, thence North 300 feet to a monument of stones at the center of the East end of said claim, thence North 300 feet to a monument of stone being at the N.E.

corner of said claim, thence West 750 feet to a monument of stones being at the center of the North side line of said claim, thence West 750 feet to a monument of stones at the N.W. corner of said claim, thence South 300 feet to the place of beginning. All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled An Act Concerning Mines, approved March 20, 1895. Dated and posted on the ground this 24th day of Aug., 1896.

E.J. Hughes

M.F. Shaw.

That we have sunk a discovery shaft on the premises so claimed to a depth of ten feet (not less than ten) from the lowest part of the rim of such shaft at the surface, showing a lode deposit and mineral in place. That the boundaries of said claim are designated and marked as in said notice mentioned. In witness whereof we have hereunto set our hands this 19th day of Nov., 1896.

E.J. Hughes

M.F. Shaw.

Filed and recorded at request of M.P. Freeman, Nov. 21, 1896 at
5 P.M.

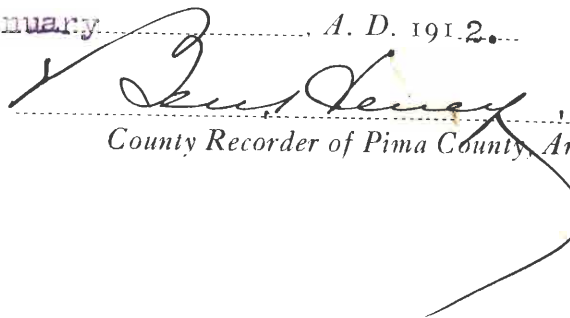
Chas. A. Shibell,
County Recorder.

TERRITORY OF ARIZONA, }
County of Pima. } ss.

I, BEN HENRY, County Recorder in and
for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy
of the ISABEL MINING CLAIM,

as appears of Record now in my office in Book FF Record of Mines, Pages 364 et seq.

IN WITNESS WHEREOF, I have hereunto set my hand and af-
fixed my official seal, at my office in Tucson, this 24th day
of January, A. D. 1912.


.....
County Recorder of Pima County, Arizona.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 12, 1912.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

M. P. Freeman, Frances E. Smith and E. J. Hughes

known as the ISABEL

situate in Salero

Mining District, Santa Cruz County, Arizona

in Section 17 & 20, Township No. 20 S., Range No. 14 E., Unsur., and

designated as Survey No. 2967, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimants or their grantors, and that said improvements consist of

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona.

4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 12, 1912.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the

Mining Claim of

M. P. Freeman, Frances E. Smith and E. J. Hughes

, known as the

I S A B E L

situate in Salero mining district,

Santa Cruz County, Arizona

in Sections 17 & 20, Township No. 20 S., Range No. 14 E., Unsur.

, designated as Survey No. 2967

executed by Edgar C. Dietrich, U. S. Deputy Mineral

Surveyor, January 31, 1912, under my instructions dated

January 27, 1912, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.