

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4258

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Martin Schwerin & Lenher Schwerin

Known As The

Betty Jane No. 1 lode

Cottonwood Mining District,

Pinal County, Arizona

Section 27, Township 7 S., Range 14 E.

Surveyed under instructions dated Nov. 6, 1941

by *[Signature]*  
Mineral Surveyor.

Claim located August 26, 1932

Survey commenced Nov. 11, 1941

Survey completed Nov. 14, 1941

Address of claimant Martin Schwerin; Tucson, Arizona.  
Box 1110,

DATES OF AMENDED LOCATIONS

See agenda October 31, 1941

Feet.

MINERAL SURVEY No.4258  
BETTY JANE No.1 Lode.

Mineral survey No.4258 was made with a Buff & Buff light mountain transit, with horizontal limb 6 ins. diam. having two opposite verniers and full vertical circle, 5 ins. diam. having two double verniers. the verniers read to one minute of arc.; the instrument is also equipped with an auxiliary telescope.

The instrument was in good condition at the time of the survey and all adjustments were in good order.

A P.M. altitude observation for azimuth and at noon on the meridian for latitude and time were made on a line of the survey. The details of which observation are shown in the calculation sheets, herewith submitted for examination.

All azimuths in this record are referred to the true meridian thus determined by the method of deflection angles and calculated courses.

The lines were measured with a Lufkin Steel tape, 500 feet in length, graduated every foot, with the first and last foot graduations to tenths and hundredths. The tape was correct at the time of the survey.

All lines and connections in this survey were run directly upon the ground.

The magnetic variation observed at each corner gave a uniform value of 14°45'E.

~~BETTY JANE No.1 Lode.~~

Beginning at Cor. No. 1 of the Betty Jane No.1 lode, identical with the location monument, Where I-

Set an iron post 2 ins. diam with lead cap on top, 24 ins above ground, 18 ins. in the ground and surrounded with md of stone, stamped 1 B J No.1- 4258, from which the  $\frac{1}{4}$  Sec. Cor. Secs. 27, 28, T. 7 S. R. 14 E. brs. N. 85°08'20" W., 1546.41 ft. dist, consisting of an iron post 1 in. diam. with brass cap on top, set firmly in the ground and stamped 1/4 S. 27, S. 28.

No other bearings are available.

Thence S. 76°06'E.

300.00 To S. end center, identical with the Loc. Mon. where I -

Set a pine post 4 ins. sq by 4 ft. high, firmly in the ground and surrounded with md of stone, scribed S. Cr. B.J. No.1

600.0 To Cor. No 2, identical with the Loc. Mon. Where I -

Set an iron post 2 ins. diam with lead cap on top, 24 ins. above ground, 18 ins. in the ground and surrounded with md of stone, stamped 2 B J No.1 - 4258.

No bearings are available.

Thence N.13°54'E.

285.0 Gulch and road brs. southeasterly.

1500.0 To Cor. No.3, identical with the Loc. Mon. Where I -

Set an iron post 2 ins. diam with lead cap on top, 24 ins. above ground, 18 ins. in the ground, and surrounded with md of stone, stamped 3 B.J No.1.- 4258.

No bearings are available.

Thence N. 76°06'W.



MINERAL SURVEY No.4258  
BETTY JANE No.1 Lode.

300.0 To N. end center, identical with the Loc. Mon. Where I-  
Set an iron post 1 1/4 ins. diam., By 4 ft. high, firmly in the ground and surrounded with md. of stone, Stamped N. Cr. B.J. No.1

600.0 To Cor. No.4, identical with the Loc. Mon. Where I-  
Set an iron post 2 ins. diam. with lead cap on top 24 ins. above ground, 18 ins. in the ground and surrounded with md. of stone, stamped 4 B.J. No.1 - 4258.  
No bearings are available.  
Thence S. 13°54' W.

875.0 Gulch 10 ft wide brs. southeasterly.

1500.0 To Cor. No.1 and the place of beginning.

LODE LINE .

The presumed course of the vein of the lode location embraced in this survey, counted from the point of discovery is as follows.;

S. 13°54' W., 750 ft. and N. 13°54'E., 750.0 ft.

AREA.

Total area , Betty Jane No.1 lode	Acres.
	----- 20.661

LOCATION .

This Survey is located in the W. 1/2 Sec. 27, T. 7 S. R. 14 E., G.& S.R.M.

The survey is identical with ( ~~XXXXXXXX~~ ) the location as staked upon the ground.

EXPENDITURE OF \$500.0

I certify that the value of the labor and the improvements made upon or for the benefit of the location embraced in said mining claim by the claimant or his grantors is not less than \$500.0 and that said improvements consist of :-

No.1 The discovery shaft of the Betty Jane No.1 lode, the center of which being the discovery point is on the center line, 750 ft. from the center of line 1-2, 5 x 8 ft. partly timbered (Dip -46°) <sup>running 377°30' E.</sup> 34 ft. to Sta. "A" At Sta. A is a drift, 4 x 6 ft. running N. 26° E. 12 ft. to breast.  
At 52 ft. below collar of shaft is a drift. 4 x 6 ft. running N. 26°30'E. 130 ft. to breast.  
At 52 ft. below collar of shaft (Sta. B) is a drift. 4 x 6 ft. running S. 26° W. 15 ft. to breast.  
At 116 ft. below collar of shaft ( Sta. C ) is a drift. 4 x 6 ft. running. N. 18°30'E., 128 ft. to breast.  
At Sta. C is a drift, 4 x 6 ft. running. S. 18°30'W., 15 ft, to breast.  
At 180 ft. below collar of shaft are two drifts running Northeast and Southwest ~~southwest~~ but inaccessible on account of water.  
Total value of shaft and drifts. \$6450.

No.2 A cut, the N. end of which brs. from Cor. No.3, S. 38°30'W., 605 ft. 5 ft. wide 6 ft. deep running S. 13° W., 120 ft. to S. end, at 30 ft. from N. end is a shaft 4 x 6 ft. 10 ft. deep.  
Value Cut and shaft. \$220.0

MINERAL SURVEY No. 4258  
Betty Jane No. 1 lode.  
EXPENDITURE OF \$500. Cont'd.

No. 3 A cut, the mouth of which is on the center line 555 ft. from the center of line 1-2, 4 1/2 ft. wide, 6 ft. face, running N. 38° 30' W., 18 ft. to face.

Value \$100.0

No. 4 A tunnel, the portal of which brs from Cor. No. 1, N. 42° 45' E., 585 ft. 5 X 6 ft. running N. 5° W. 40 ft. to breast.

Value \$400.0

OTHER IMPROVEMENTS.

A frame bunk house, the N.E. Cor. of which brs from Cor. No. 3, S. 23° W., 960 ft. 14 x 20', course of long sides S. 10° E., belonging to claimant herein.

ADJOINING CLAIMS.

On the North by Betty Jane No. 2 lode, unsurveyed.

On the South by Betty Jane No. 4 lode, unsurveyed.

On the West by Betty Jane No. 3 lode, unsurveyed.

All belonging to claimant herein.

OTHER CORNER DESCRIPTIONS.

All corners of Betty Jane Nos 2, 3 and 4 lodes consist of stone monuments.

REPORT.

The location notice states the claim is located in T. 6 S. R. 14 E. I find same is located in T. 7 S. R. 14 E. and the proper location is given in these field notes.

Land

In making a tie to the nearest corner of the Public Survey it appeared in the field that the W. 1/4 Cor. Sec. 27 was the nearest corner to this Sur. and it was therefore tied to, altho it was later ascertained that the N. 1/4 Cor. Said Sec. 27 is about 80 ft. nearer.

As there was no Notary Public available at the time of the completion of this Sur. and my assistant residing in a distant town I proceeded to administer the necessary oath of assistant"

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by T.N. Stevens

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 Martin Schwerin & Lenher Schwerin

known as the BETTY JANE No.1 lode

and showing the respective capacities in which they acted.

- A.J. Henneke, Chainman.
- \_\_\_\_\_, Chainman.
- \_\_\_\_\_, Axman.
- \_\_\_\_\_, Flagman.

FINAL OATHS OF ASSISTANTS

~~Was~~ I. A.J. Henneke

~~and~~ \_\_\_\_\_, do solemnly swear that ~~we~~ <sup>I</sup> assisted \_\_\_\_\_

T.N. Stevens, ~~United States~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Martin Schwerin & Lenher Schwerin

known as the BETTY JANE NO.1 lode,

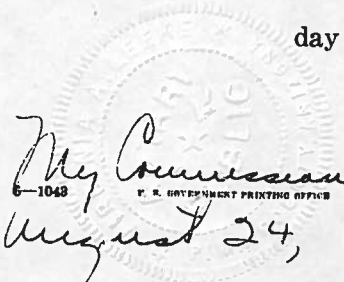
represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona

- A.J. Henneke, Chainman.
- \_\_\_\_\_, Chainman.
- \_\_\_\_\_, Axman.
- \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 5th day of December, 1971

Virginia G. Leake  
Notary Public

My Commission expires  
August 24, 1943.





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, T. N. Stevens, Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Arizona, dated November 6, 1941,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of Martin Schwerin & Lenher Schwerin,  
known as the BETTY JANE No. 1 lode,  
situate in Cottonwood Mining District,  
Pinal County, Arizona, in Section  
27, Township No. 7 S., Range No. 14 E  
and designated as Survey No. 4258, 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 Office Cadastral Engineer  
with said instructions, and that all 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 im-  
provements made upon said mining claim by claimantor 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.

T. N. Stevens  
(Mineral Surveyor)

Subscribed and sworn to by the said T. N. Stevens  
Mineral Surveyor, before me Virginia A. Leeke, a Notary Public in and  
for the County of Pima, State of Arizona, this 5th  
day of December, 1941.

My commission expires:

August 24, 1943.

Virginia A. Leeke  
Notary Public.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States  
Department of the Interior

GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

Phoenix, Arizona

March 28, 19 42

I, Office Cadastral Engineer at Phoenix, Arizona

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

Martin Schwerin & Lenher Schwerin

known as the BETTY JANE NO. 1 lode

situate in Cottonwood

Mining District Pinal County Arizona

in Section 27, Township No. 7 S., Range No. 14 E., and

designated as Survey No. 4258, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant

or their grantors,

and that said improvements consist of 3 shafts, 5 drifts, 2 cuts and 1 tunnel, total value \$7170.

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 District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

SHERMAN C. FISKE

Office Cadastral Engineer.



CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE PUBLIC SURVEY OFFICE

At Phoenix, Arizona

March 28, 19 42

I, Office Cadastral Engineer at Phoenix, Arizona,

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

Martin Schwerin & Lenher Schwerin

, known as the

BETTY JANE NO. 1 lode

situate in Cottonwood mining district,

Pinal County, Arizona

in Section 27, Township No. 7 S., Range No. 14 E.

, designated as Survey No. 4258

executed by T. N. Stevens, Mineral

Surveyor, Nov. 11 - 14, 19 41, under my instructions dated

Nov. 6, 19 41, have been critically examined and the necessary

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

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Sherman C. Fiske Office Cadastral Engineer.