

4-683

MINERAL SURVEY No. 4055

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

William C. Russell and W. A. Kent

KNOWN AS THE

Eileen, Ethel, Queen and Wonder lodes

San Francisco

Mining District,

Mohave

County,

Arizona

Sections 2&3, 34&35, Township 21 & 22 North, Range 21 West G&SB&M.

Surveyed under instructions dated August 24th., 19 27.

by Harry E. Jones.

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced September 17th., 19 27.

Survey completed September 20th., 19 27.

Address of claimant E. Ross Housholder, Kingman, Arizona

DATES OF AMENDED LOCATIONS.

Feet MINERAL SURVEY NO.4055

Eileen Lode

Beginning at Cor. No.1, identical with loc.mon. and Cor.3 Queen Catherine lode, Cor.4 Baby Katherine lode both of Sur.No.3805, and Cor.3 Queen lode, Cor.4 Ethel lode both of this survey, a 3½ft. ½in. pipe with a 2in. brass cap marked U.S.MINERAL SURVEY NO.3805-4055;3QC;4BK;3Q;4E;1E; set 20ins. in ground and surrounded with a substantial mound of earth and rock.

The corner common to Sections 34 and 35, T. 22 N. R. 21 W. G&SRB&M. bears N.59°48'E. 1063.71 ft.

No other suitable bearings available.

Thence S. 6° 25' E.

Along line 4-3 Baby Katherine lode Sur.No.3805, identical with line 4-3 Ethel lode of this survey.

300.00 To Northeast End Center,--a substantial mound of earth and rock, identical with the loc. mon. and West end center of Baby Katherine lode Sur.No.3805 and Ethel lode of this survey.

600.00 To Cor..No. 2, identical with loc.mon. and Cor.3 Baby Katherine lode Sur.No.3805 and Cor.3 Ethel lode this sur. a 3½ft. ½in. pipe with a 2in. brass cap marked U.S.MINERAL SURVEY NO.3805-4055;3BK;3E;2E; set 20ins. in ground and surrounded with a substantial mound of earth and rock.

No.suitable bearings available.

Thence S. 62° 39' W..

759.23 Intersect the East sideline of Southern Cross No.1 lode uns. at S.31°E. 467.30 ft. from the Northeast cor.

929.29 To Cor..No. 3, identical with the loc.mon. a 3½ft. ½in. pipe with a 2in. brass cap marked U.S.MINERAL SURVEY NO. 4055;3E; set 20ins. in ground and surrounded with a substantial mound of earth and rock.

The SE.Cor. Southern Cross No.2.lode Uns. bears N.60°07'W. 340.27 ft. No other suitable bearings available.

Thence N. 6° 25' W.

300.00 To Southwest End Center, a substantial mound of earth and rock, identical with the loc. mon.

Feet	
407.96	Intersect the East sideline Southern Cross No.1 lode Uns. at S.31°E. 85.49 ft. from the NE. cor.
430.60	Intersect the Southeast sideline Southern Cross No.2 lode Uns. at N.43°42'E. 357.78 ft. from the SE. cor.
600.00	To Cor. No. 4, a 3 $\frac{1}{2}$ ft. $\frac{1}{2}$ in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO.4055;4E; set 20ins. in ground and surrounded with a substantial mound of earth and rock identical with the loc.mon.
	The NE. Cor. Southern Cross No.1 lode Uns. bears S.10°52'W. 119.71 ft. No other suitable bearings available.
	Thence N. 62° 39' E.
400.28	Intersect the Southeast sideline Southern Cross No.2 lode Uns. at N.43°42'E. 845.00 ft. from the SE. cor.
929.29	To Cor. No. 1 the place of beginning.
	----- Ethel Lode
	Beginning at Cor. No. 1, identical with the loc.mon. and Cor.2 Queen Catherine, lode, Cor.1 Baby Katherine lode both of Sur.No.3805, and Cor.2 Queen lode, Cor.1 Wonder lode both of this survey, a 3 $\frac{1}{2}$ ft. $\frac{3}{4}$ in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO.3805-4055;2QC;1BK;2Q;1W; 1E; set 20ins. in ground and surrounded with a substantial mound of earth and rock.
	The closing corner of Sections 2 and 3, T. 21 N. R. 21 W. G&SRB&M. bears N.50°43'W. 323.40 ft. No other suitable bearings available.
	Thence S. 6° 25' E.
	Along line 1-2 Baby Katherine lode Sur.No.3805 identical with line 1-4 Wonder lode of this survey.
-300.00	To East End Center, a substantial mound of earth and rock, identical with the loc. mon. and East end center Baby Katherine lode Sur.No.3805 and West end Center Wonder lode of this survey.
600.00	To Cor. No. 2, identical with the loc. mon. and Cor.2 Baby Katherine lode Sur.No.3805 and Cor.4 Wonder lode of this survey.

Feet a 3½ft. ½in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 3805-4055; 2BK; 4W; 2E; set 12ins. in ground and surrounded with a substantial mound of earth and rock; No suitable bearings available.

Thence S. 77° 02' W.

Along line 2-3 Baby Katherine lode Sur.No.3805.

1472.40 To Cor. No. 3, identical with the loc. mon. and Cor. 3 Baby Katherine lode Sur.No.3805, and Cor.2 Eileen lode of this survey previously described.

Thence N. 6° 25' W.

Along line 3-4 Baby Katherine lode Sur.No.3805, identical with line 2-1 Eileen lode of this survey.

300.00 To West End Center, a substantial mound of earth and rock, identical with the loc. mon. and West end center Baby Katherine lode Sur.No.3805, and Northeast end center Eileen lode of this survey.

600.00 To Cor. No. 4, identical with the loc. mon. and Cor.4 Baby Katherine lode, Cor.3 Queen Catherine lode both of Sur.No.3805, and Cor.1 Eileen lode, and Cor.3 Queen lode both of this survey, previously described.

Thence N. 77° 02' E.
Sur.No.3805

Along line 4-1 Baby Katherine lode, identical with line 3-2 Queen Catherine lode Sur.No.3805 and line 3-2 Queen lode of this survey.

1472.40 To Cor. No. 1 the place of beginning.

Queen Lode

Beginning at Cor. No. 1, identical with the loc. mon. and Cor.1 Queen Catherine lode Sur.No.3805, a 3½ft. ½in. pipe with a 2in. brass cap marked U.S. MINERAL SURVEY NO. 3805-4055; 1QC; 1Q; set 18ins. in ground and surrounded with a substantial mound of earth and rock.

The closing corner of Sections 2 and 3, T. 21 N. R. 21 W. G&SRB&M. bears S. 43° 58' W. 293.20 ft.

No other suitable bearings available.

Thence S. 6° 25' E.

Feet Along line 1-2 Queen Catherine lode Sur.No.3805.
 118.40 To East End Center, a substantial mound of earth and rock
 identical with the loc. mon. and East end center Queen
 Catherine lode Sur.No. 3805.
 418.40 To Cor. No. 2, identical with the loc. mon. and Cor.2
 Queen Catherine lode, Cor.1 Baby Katherine lode, both of
 Sur.No.3805, and Cor.1 Ethel lode and Cor.1 Wonder lode
 both of this survey, previously described.

Thence S. 77° 02' W.

Along line 2-3 Queen Catherine lode, and line 1-4 Baby
 Katherine, ^{lode,} both of Sur.No.3805, identical with line 1-4
 Ethel lode of this survey.

1472.40 To Cor. No. 3, identical with the loc. mon. and Cor.3
 Queen Catherine lode, Cor.4 Baby Katherine lode both of
 Sur.No.3805, Cor.4 Ethel lode and Cor.1 Eileen lode both
 of this survey, previously described.

Thence N. 6° 25' W.

Along line 3-4 Queen Catherine lode Sur.No.3805.
 300.00 To West End Center, a substantial mound of earth and rock,
 identical with the loc. mon. and West end center Queen
 Catherine lode Sur.No.3805.

600.00 To Cor. No. 4, identical with the loc. mon. and Cor. 4,
 Queen Catherine lode Sur.No. 3805, a 3½ft. ½in. pipe with
 a 2in. brass cap marked U.S.MINERAL SURVEY NO.3805-4055;
 4QC;4Q; set 20ins. in ground and surrounded with a substan-
 tial mound of earth and rock. No suitable bearings available.

Thence N. 84° 07' E.

Along line 4-1 Queen Catherine lode Sur.No.3805,

1462.86 To Cor. No. 1 the place of beginning.

Wonder Lode

Beginning at Cor. No. 1, identical with the loc. mon. and
 Cor.1 Baby Katherine lode, Cor.2 Queen Catherine lode both
 of Sur.No.3805, Cor.1 Ethel lode, and Cor.2 Queen lode
 both of this survey, previously described.

The closing corner of Sections 2 and 3, T. 21 N. R. 21 W.
 G&SRB&M. bears N.50°43'W. 323.40 ft.

Feet
 1500.00 To corn. No. 2, identical with the loc. mon. a 3½ft. ¾in. pipe with a 2in. brass cap marked U.S.MINERAL SURVEY NO. 4055;2W; set 12ins. in ground and surrounded with a substantial mound of earth and rock.

No suitable bearings available.

Thence S. 6° 25' E.

300.00 To East End Center, a substantial mound of earth and rock, identical with the loc. mon.

600.00 To Cor. No. 3, identical with the loc. mon. a 3½ ft. ¾in. pipe with a 2in. brass cap marked U.S.MINERAL SURVEY NO. 4055;3W; set 24 ins. in ground and surrounded with a substantial mound of earth and rock.

No suitable bearings available.

Thence N. 87° 10' W.

1500.00 To cor. No. 4, identical with the loc. mon. and Cor. 2 Baby Katherine lode, Sur. No.3805, Cor.2 Ethel lode of this survey, previously described.

Thence N. 6° 25' W.

Along line 2-1 Baby Katherine lode Sur.No.3805, identical with line 2-1 Ethel lode of this survey.

300.00 To West End Center, identical with East end Center Baby Katherine lode Sur.No.3805, and Ethel lode of this survey previously described.

600.00 To cor. No. 1 the place of beginning.

 The mean magnetic variation at all corners is 15°05'E

Lode Lines

As near as can be determined from the present developments the veins of the several locations embraced in this claim extend as follows from their discovery points:

Eileen lode, S.62°39'W.171.29 ft. and N.62°39'E. 758 ft.

Ethel lode, S.77°02'W.1342.4 ft. and N.77°02'E. 130 ft.

Queen Lode, S.77°02'W.932.4 ft. and N.77°02'E. 540 ft.

Wonder lode, S.87°10'E. 1260 ft. and N.87°10'W. 240 ft.

Area	
Total area Eileen lode,	11.955 Acres
Area in conflict with:	
Southern Cross No.2 lode Uns.	0.727
Southern Cross No.1 lode Uns.	0.744
Total area Ethel lode,	20.149
Area in conflict with:	
Baby Katherine lode Sur.No.3805	20.149
Total area Queen lode.	17.099
Area in conflict with:	
Queen Catherine lode Sur.No.3805	17.099
Total area Wonder lode,	20.392

Location

This survey is located in the $N\frac{1}{2}NW\frac{1}{4}$ Section 2, and $N\frac{1}{2}NE\frac{1}{4}$ Section 3, T. 21 N. R. 21 W. and $SE\frac{1}{4}SE\frac{1}{4}$ Section 34, and $SW\frac{1}{4}SW\frac{1}{4}$ Section 35, T. 22 N. R. 21 W. Gila and Salt River Base and Meridian, San Francisco Mining District, Mohave County, Arizona.

Expenditure of Five Hundred Dollars

I certify that the value of the labor and improvements made upon or for the benefit of the locations embraced in said mining claim by the claimant or their grantors, is not less than Five Hundred Dollars, and the said improvements consist of:

Eileen Lode

No.1 Disc. shaft 4x6x34 ft, deep bears $N.62^{\circ}39'E.$ 171.29 ft. from the Southwest end center. Value \$ 425.00

No.2 shaft 4x6x5 ft. deep bears $N.53^{\circ}37'E.$ 375 ft. from the Southwest end center. Value \$ 62.50

No.3 shaft 4x6x6 ft. deep bears $N.81^{\circ}59'E.$ 224 ft. from the Southwest end center. Value \$ 75.00

An individed $\frac{1}{4}$ interest in improvements No.2 and No.3 of the Ethel Lode of this Survey accredited to this lode.

Value \$ 940.00

Ethel Lode

No. 1 Disc. point a shaft 4x6x8 ft. deep caved, bears S.77°02'W. 130 ft. from East end center.

No. 2 a 1 1/2 inch diamond drill hole 201 ft. deep vertically bears S47°24'W. 343 ft. from Cor. 1 Value \$2010.00

An undivided 1/4 interest in this improvement is accredited to each lode of this survey. Value \$ 502.50

No. 3 a 1 3/4 inch diamond drill hole 175 ft. deep vertically bears S.69°35'W. 549 ft. from the East end center

Value \$1750.00

An undivided 1/4 interest in this improvement is accredited to each lode of this survey. Value \$ 437.50

The foregoing improvements, No.2 and No.3 diamond drill holes, are sunk for the purpose of prospecting and a determination of the ore bodies existing under the lodes of this survey, and are intended for the common development of this group, as they will intelligently direct the mining operation and have a tendency to expedite the extraction of the ore, therefore redounding to the benefit of all of the lodes of this group. The ground surface of this group slopes generally toward the West and the bottom of these drill holes is well below the surface of each of the lodes in this claim. Therefore an undivided 1/4 interest in these improvements is accredited to each lode of this claim.

Total Value \$3760.00

Undivided 1/4 interest each Value \$ 940.00

No.4 cut 4x12x7 ft. facing Easterly bears S.0°15'E. 423 ft. from Cor. 1 Value \$ 100.00

No.5 cut 6x29x8 ft. face and tunnel bears Southeasterly 4x6x42 ft. long, the mouth of the cut bears S.10°33'W. 470 ft. from Cor. 1 Value \$ 666.50

Queen Lode

No. 1 Disc. shaft additional works making this 4x17x8 ft. deep bears S.77°02'W. 540 ft. from the East end center

Additional Value \$ 100.00

No.2 cut additional work 5x8x13 ft. face, and tunnel 4x6x45 ft. long, the back 15 ft. of which is additional work both running N.16°E. from the mouth of the cut which bears N.72°37'W. 173 ft. from cor. 2;

Additional Value \$ 250.00

No.3 shaft 4x6x32 ft. deep partly timbered, which bears N.72°37'W. 150 ft. from Cor. 2;

Additional Value \$ 480.00

An undivided $\frac{1}{4}$ interest in improvements No.2 and No.3 Ethel Lode of this survey is accredited to this survey.

Value \$ 940.00

Wonder Lode

No.1 Disc. shaft 4x6x8 ft. deep partly caved in, bears S.87°10'E. 240 ft. from the West end center

Value \$ 100.00

An undivided $\frac{1}{4}$ interest in improvements No.2 and No.3 Ethel Lode of this survey is accredited to this lode.

Value \$ 940.00

Other Improvements

A shaft 4x6x56 ft. deep partly timbered, bears S.21°27'W. 282 ft. from Cor. 1; Ethel lode.

Adjoining Claims

This claim is bounded on the West by the Southern Cross No. 1 and Southern Cross No. 2 lodes, on the North, South and East by public domain, as far as could be determined definitely on the ground.

Instrument

This survey was made with a W.&L.E. Gurley light mountain transit, the horizontal and vertical limbs reading to single minutes.

The courses were deflected from the true meridian as determined by direct solar observations.

The distances were measured with a 660 ft. and 50 ft. steel tape.

Report

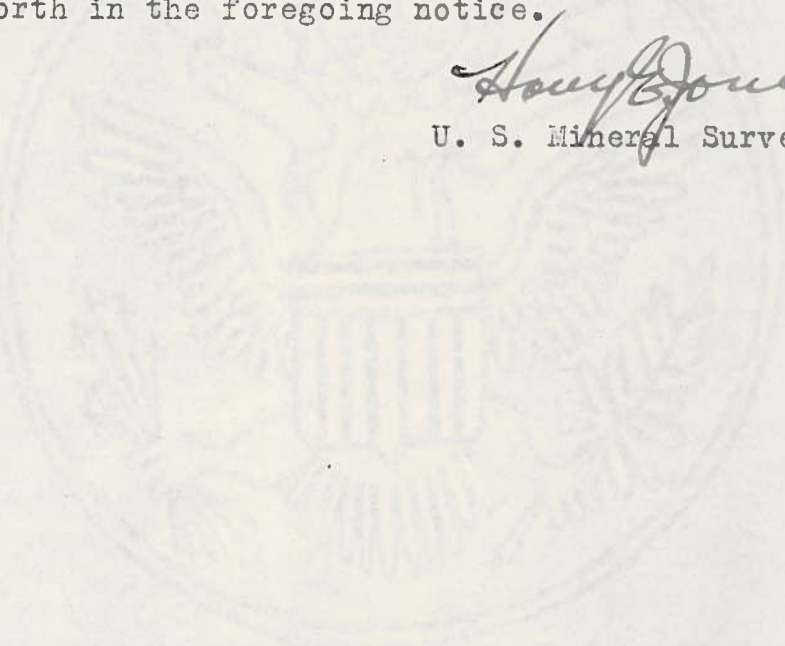
The public land corners to which this survey is tied are bronze capped pipes properly set and marked.

The corners of Southern Cross No. 1 and Southern Cross No. 2 are 4x4 posts set and scribed.

The Corners of Sur. No. 3805 were all 4x4 pine posts properly set and marked, and were all replaced with a pipe and cap as herein stated.

The unsurveyed lode claims shown in connection with Sur. No. 3805, have apparently all been abandoned.

The location notice of the Eileen lode is in error, the correct length of this lode as found upon the ground is set forth in the foregoing notice.


Henry Jones
U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones,
 United States 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 _____
William C. Russell and W. A. Kent,
 known as the Eileen, Ethel, Queen and Wonder lodes,
 and showing the respective capacities in which they acted.

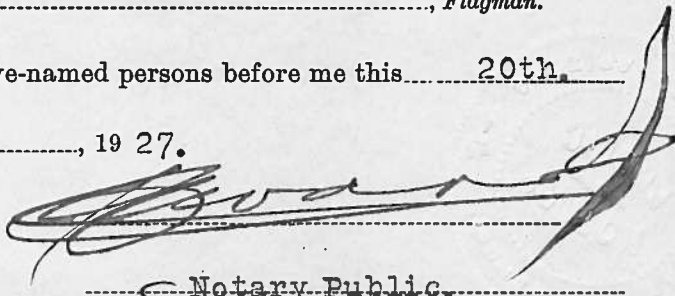
_____Wm. St. Charles,_____, *Chainman.*
 _____Ray Abel,_____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, _____Wm. St. Charles_____
 and _____Ray Abel_____, do solemnly swear that we assisted _____
 _____Harry E. Jones,_____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
 _____William C. Russell and W. A. Kent,_____
 known as the Eileen, Ethel, Queen and Wonder lodes,
 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 instruc-
 tions furnished by the ~~United States Surveyor General for~~ OFFICE CADASTRAL ENGINEER_____

Wm. St. Charles_____, *Chainman.*
Raymond Abel_____, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 20th
 day of September, 19 27.



 _____, *Notary Public.*

My commission expires Feb 8 31 1931.

FINAL OATH OF U. S. MINERAL SURVEYOR

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated August 24th, 1927, 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 William C. Russell and W. A. Kent, Eileen, Ethel, Queen and Wonder lodes, situate in San Francisco Mining District, Mohave County, Arizona, in Sections 2, 3, 34, 35, Township No. 21 and 22 N., Range No. 21 W. G&SRB&M, and designated as Survey No. 4055, 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 improvements made upon said mining claim by claimant or 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.

Harry E. Jones
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones, U. S. Mineral Surveyor, before me a Notary Public in and for County of Mohave, State of Arizona, this 20th day of September, 1927.

[Signature]
Notary Public.

My commission expires Feb 8 1931.

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

Department of the Interior, PUBLIC SURVEY OFFICE OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 14, 1928

I, U. S. Surveyor-General for 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

William C. Russell and W. A. Kent

known as the EILEEN, ETHEL, QUEEN, and WONDER lodes

situate in San Francisco

Mining District, Mohave County, Arizona

in Section 2, 3, 34, 35, Township No. 21 & 22 N., Range No. 21 W., and

designated as Survey No. 4055, 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 improved or for each of said mining claims by claimant or their grantors, and that said improvements consist of 7 shafts, 3 cuts, 2 drill holes and 2 tunnels, total value \$6019.

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.

John D. Adams

United States Surveyor-General for OFFICE CADASTRAL ENGINEER

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

DEPARTMENT OF THE INTERIOR
~~OFFICE OF U. S. SURVEYOR GENERAL~~
PUBLIC SURVEY OFFICE

Phoenix, Arizona

April 14, 1928

I, ~~U. S. Surveyor General for~~ 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

William C. Russell and W. A. Kent

, known as the

EILEEN, ETHEL, QUEEN, and WONDER lodes

situate in San Francisco mining district,

Mohave County, Arizona

in Sections 2, 3, 34, 35, Township No. 21 and 22 N., Range No. 21 W.

, designated as Survey No. 4055

executed by Harry E. Jones, U. S. Mineral

Surveyor, August 24, 1927, under my instructions dated

September 17 - 20, 1927, 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.

John P. Chaney
U. S. Surveyor General for OFFICE CADASTRAL ENGINEER