

MINERAL SURVEY No. 4144

ARIZONA

Land District

## FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

T.J.Rex, R.H.Kempton and A.H.Kempton

Made under Regulations under the Act of June 30, 1919

KNOWN AS THE

BLUE BELL Lode.

San Carlos Indian Reservation

Mining District,

Graham

County, Arizona, approximately in

Section 16, Township 1 N., Range 20 E., Uns.

Surveyed under instructions dated May 4, 1931.

By Edwin T. Stewart

U. S. Mineral Surveyor.

Claim located August 28, 1930.

Survey commenced May 8, 1931.

Survey completed May 9, 1931.

Address of claimant A.H.Kempton, W.W.Wetherall,  
Box 367, Globe, Arizona.

## DATES OF AMENDED LOCATIONS

April 26, 1931.

This survey was made with a C.L. Berger & Sons engineers transit, No. 6217, with horizontal limb 6.25 ins. diam., having two double opposite verniers and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; the eye piece of the telescope is equipped with a colored glass set in the dust shutter for direct observations on the sun. (An auxiliary telescope that may be used on top or at the side of the telescope of the instrument is the equipment for observations when the sun is too high to be observed with the main telescope.) The instrument was in good condition at the time of the survey, and all adjustments were in good order. An observation was made on Polaris at its eastern elongation for meridian at a point about 3000 feet easterly from Cor. No. 1 of the survey, and the course of line 4-1 of the survey obtained by angles turned from the point of observation to it. The bearing of line 4-1 of the survey, determined as above described, was verified by a direct observation on the sun at a point on said line about 600 feet from Cor. No. 1. A direct observation for latitude was made at noon from Cor. No. 1 of the survey. The bearings of all the other lines of the survey were turned off of line 4-1.

The lines were measured with a 650 ft. and a 50 ft. tape made by the Lufkin Rule Co. The 650 ft. tape is graduated every foot, with an extra foot before the zero mark graduated to tenths and hundredths of a ft. The 50 ft. tape is graduated to feet, tenths and hundredths. Both of these tapes have recently been compared with a tape of known length and found correct.

The lines of this survey and the tie line from Corner No. 1 were run direct from the corners.

The observed magnetic variation at each corner of the survey is  $14^{\circ}-00'E$ .

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Beginning at Cor. No. 1, which is identical with the S.E. Cor. of the location, where I set a basalt stone, 28 x 12 x 11 ins., 16 ins. in the ground, surrounded by a mound of stone, for Cor. No. 1, mkd. X-4144-B.B.; from which U.S.M.M. No. 4144 bears S.14°-40'W. 486.95 ft. dist.; a basalt boulder showing 30 x 24 x 12 ins. out of the ground, mkd. and witnessed as described in the report of establishing said monument.

A basalt boulder showing 24 x 24 x 8 ins. out of the ground bears S.12°-15'W. 59.83 ft. dist.; mkd. X-B.R.-4144.

Thence N.20°-55'W.

383.10 A basalt boulder, 24 x 18 x 4 ins. above the ground, for witness Cor. No. 2; mkd. X-W.C.-2-4144; from which

A basalt boulder showing 24 x 18 x 10 ins. above the ground bears S.63°-49'E. 39.36 ft. dist.; mkd. X-B.R.-4144.

409.00 Top of vertical cliff, 88 ft. high, bearing northeast and southwest.

644.40 Cor. No. 2, identical with N.W. Cor. of the location.

This Cor. falls on steep hill side covered with loose rock where a permanent corner can not be maintained; there are no bearings available.

Thence N.47°-00'E.

1499.00 Cor. No. 3, identical with N.E. Cor. of the location.

Set a basalt stone, 24 x 12 x 8 ins., 16 ins. in the ground, surrounded by a mound of stone for Cor. No. 3, mkd. X-3-4144-B.B.; from which

The east face of basalt out crop bears N.37°-25'E. 42.99 ft. dist., mkd X-B.R.-4144.

Thence S.20°-55'E.

644.40 Cor. No. 4, identical with S.E. Cor. of the location.

A basalt boulder showing 7 x 6 x 2 ft. above the ground, for Cor. No. 4, mkd. X-4-4144-B.B.; from which

A basalt boulder, 7 x 6.5 x 3 ft. out of the ground, bears N.16°-07'W. 12.92 ft. dist., mkd. X-B.R.-4144.

Thence S.47°-00'W.

499.00 Top of vertical cliff, 90ft. high, bearing northwest and southeast.

1499.00 Cor. No. 1, the place of beginning.

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AREA.

Total area of Survey 4144, 20.548 acres.

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LOCATION.

This survey is located on unsurveyed land in what will probably be, when surveyed, <sup>Sec. 16,</sup> T. 1 N., R. 20 E., G. & S.R. M., San Carlos Indian Reservation, Graham County, Arizona.

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ADJOINING CLAIMS.

There are no claims conflicting with or adjoining this survey.

*Edwin P. Stewart*  
*U. S. Mineral Surveyor*

REPORT OF ESTABLISHING U.S.M.M. NO.4144  
BY EDWIN T. STEWART, U.S. MINERAL SURVEYOR .

There being no corners of the public survey or other monuments within two miles of Sur. No. 4144 it was necessary to establish U.S.M.M. No. 4144.

There being no hill or pronounced rise in the surface of the ground in the vicinity of Sur. N.4144, I selected a location for the monument about one-quarter mile west of the rim of the San Carlos River Canyon, on a mesa which is quite level, with few trees or brush, where the monument would be visible from all directions.

No suitable stone could be found for setting and a basalt boulder, firmly bedded in the ground, and showing 30 x 24 x 12 ins. above the surface, was selected and marked X-U.S.M.M. 4144; from which

A basalt stone, showing 10 x 18 x 24 ins. out of the ground, bears S.08°-16'E. 13.26 ft. dist., mkd. X-B.R.-U.S.M.M. 4144.

A basalt stone, showing 4 x 12 x 30 ins. out of the ground, bears S.55°-22'W. 17.72 ft. dist., mkd. X-B.R.-U.S.M.M. 4144.

A mound of stone, 6 ft. base, 4 ft. high, bears N.60°E. 10.0 ft. dist.

Chiricahua Butte bears N.44°-02'E. about 15 miles.

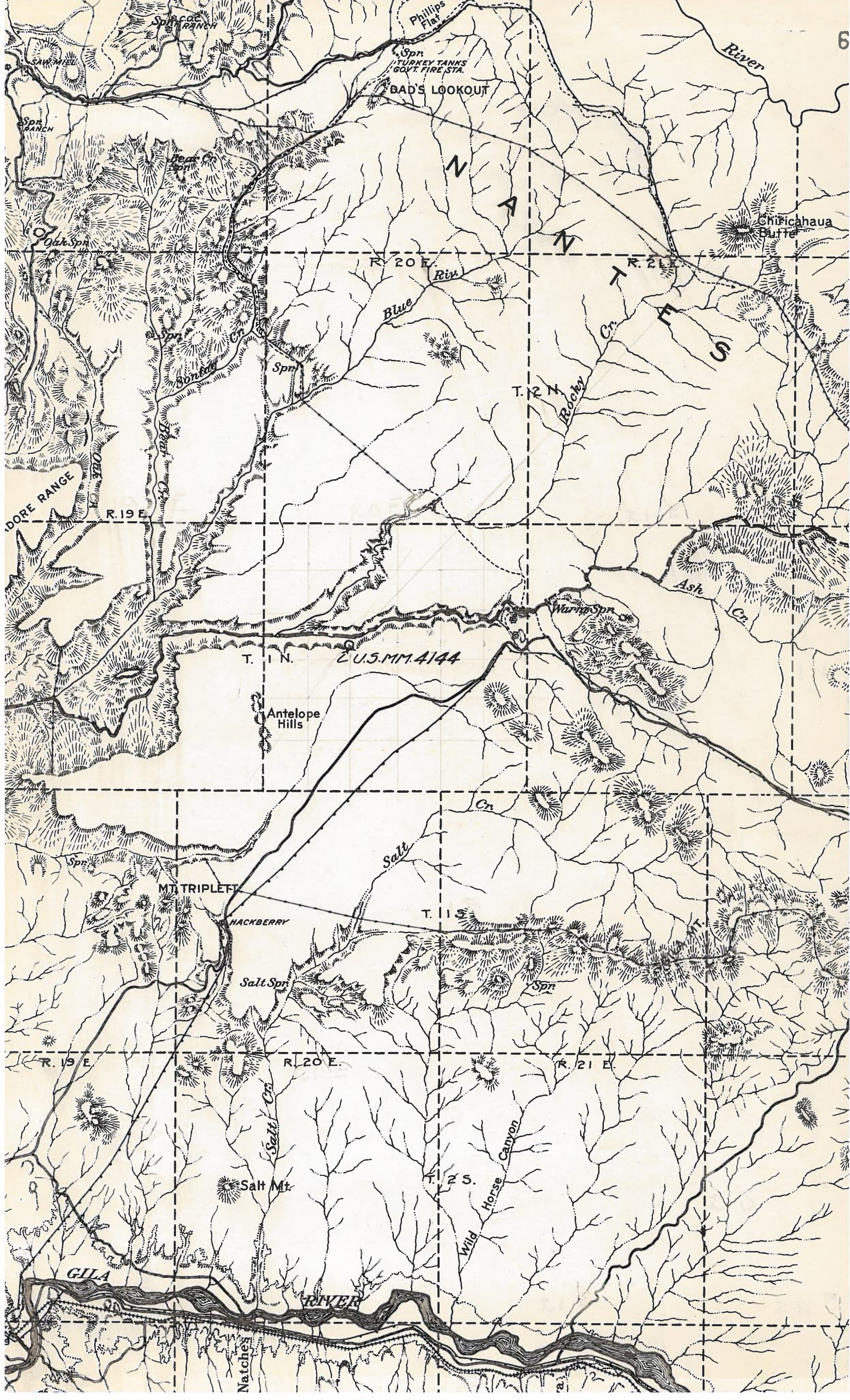
The highest peak of Mt. Triplett bears S.34°-32'W. about 7 miles.

A map of the San Carlos Indian Reservation showing the location of the monument is filed herewith.

*Edwin T. Stewart*

United States Mineral Surveyor.

Phoenix, Arizona,  
May 11, 1901.



Phillips Flat

Spn TURKEY TANKS GOVT. FIRE STA.

BAD'S LOOKOUT

Naanah River

Chiricahua Butte

NAANAHESE

R. 20 E.

T. R. 21 E.

Blue Riv

T. 12 N.

Rocky Cr.

DORE RANGE

R. 19 E.

U.S. MM. 4144

T. 11 N.

Antelope Hills

Warner Spr

Ash Cr.

MT. TRIPLETT

HACKBERRY

T. 11 S.

Salt Spr

Spn

R. 19 E.

R. 20 E.

R. 21 E.

Salt Mt.

T. 12 S.

Wild Horse Canyon

GILA RIVER

Natches

# FINAL OATHS FOR SURVEYS

## LIST OF NAMES

A list of the names of the individuals employed by Edwin T. Stewart  
 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 T. J. Rex, R. H. Kempton and A. H. Kempton  
 known as the BLUE BELL Lode  
 and showing the respective capacities in which they acted.

C. A. Pennington, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS

We, \_\_\_\_\_  
 and I, C. A. Pennington, do solemnly swear that <sup>I</sup>we assisted Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of T. J. Rex, R. H. Kempton and A. H. Kempton  
 known as the BLUE BELL 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 <sup>my</sup>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 Office Cadastral Engineer, at Phoenix, Arizona

C. A. Pennington, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman

Subscribed and sworn to by the above-named persons before me this 11th  
 day of May, 19 31.

My commission expires  
 Nov. 11, 1932.

W. L. Harrison  
 \_\_\_\_\_  
 Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated May 4, 1931, 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 T. J. Rex, R. H. Kempton and A. H. Kempton, known as the BLUE BELL Lode, situate in San Carlos Indian Reservation Mining District, Graham County, Arizona, in Section Approx. 16, Township No. 1 N., Range No. 20 E., unsurveyed, and designated as Survey No. 4144, 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me M. L. Harrison, a notary public,
this 10th
day of June, 1931., 192

M. L. Harrison
Notary Public.

My commission expires
Nov. 11, 1932.



OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

June 19, 1931

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

T. J. Rex, R. H. Kempton, and A. H. Kempton

known as the BLUE BELL lode

situate in San Carlos Indian Reservation

Mining District Graham County, Arizona

in Section Approx, 16 Township No. 1 N., Range No. 20 E., Unsur., and

designated as Survey No. 4144, 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 grantors,

and that said improvements consist of

[Redacted area with multiple horizontal dashed lines]

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
Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

June 19, 1931

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

T. J. Rex, R. H. Kempton, and A. H. Kempton

, known as the

BLUE BELL lode

situate in San Carlos Indian Reservation mining district,

Graham County, Arizona

in Section Approx. 16, Township No. 1 N., Range No. 20 E., Unsur.

, designated as Survey No. 4144

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, May 8 - 9, 1931, under my instructions dated

May 4, 1931, 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 D. Adams Office Cadastral Engineer.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)  
BUREAU OF LAND MANAGEMENT M.S. 4144  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Blue Bell lode, Mineral Survey No. 4144, located in sections 8 and 9, Township 1 North, Range 20 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

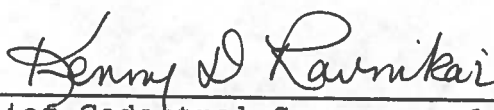
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Blue Bell lode, M.S. 4144 was canceled April 6, 1999, by memo 9605 (952) M.S. 4144, which is now a part of the original field notes."

April 6, 1999  
Date

  
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Chief Cadastral Surveyor of Arizona