# McCABE BROS. HILL TOP MINE

1. FINANCIAL ELIGIBILITY:

(a) Attached to Application are letters from two banking institutions denying a loan.

(b) None

(c) All three of us will be actually engaged in performing the work. We have sufficient funds to start the project and to continue operation until payment would be made if a loan is granted.

2. APPLICANT'S RIGHTS IN LAND:

(a) We have a five year lease on the property and a signed copy of the lease is attached hereto. There are no liens or encumbrances on the property.

(b) This property consists of two patented claims and four unpatented claims and we are attaching hereto maps of the patented claims and the other claims adjoining them. The property is located in Township 13N Range 26 EBM Section 11. The book and page number of all the claims is found on Page 1 of the lease. The property is known as the Hill Top Mine.

(c) We can submit this agreement if requested.

3. PHYSICAL DESCRIPTION:

(a) Mining operations have progressed through 5 levels of mine workings. Ore is trammed to each station where it is hoisted through an inclined shaft. There are no mining operations in progress at present. Mining operations in the past consisted of drifting along structure until the steeply dipping pipes were encountered. To date no mine working maps have been made of the mine.

(b) None

(c) Recorded[2] past production from 1946 to 1956 include the following:

| Dry Weight (pounds) | Lead Content (pounds) | Zinc Content (Pounds) | Gold Content[1] (ounces) | Silver Content[1] (ounces) |
|---|---|---|---|---|
| 12,372,617 | 1,948,695 | 852,635 | 111.78 | 6,504.6 |

[1] Gold and silver content were determined from 995,445 pounds, dry weight, or 8% of the total shipped ore.

[2] Production records prior to 1946 were not located, however, small production was mined in the 1920's.

McCABE BROS. HILL TOP MINE

(d) No proven ore reserves exist, however, the mine workings in the 500 level show an ore pipe 6 feet in diameter which is continuous from the 300 level. If this pipe is consistant with depth, it will yield approximately 870 tons of ore for every 100 feet developed. Also, two smaller veins, each 1 foot in width were observed on the 500 level.

(e) The country rock consists of Paleozoic limestones and quartzites which were later intruded by basic granitic dikes. Northwest-Southeast faulting within the Lemhi and Beaverhead ranges were probable passageways for the ore fluids. At the Hilltop Mine, structure suggests that the ore pipes which exist were formed by the intersection of the northwest-southeast set with a second set. Small veins are also presented which carry lead, zinc, silver, and some secondary copper. Most of the stopes strike northwest and plunge 50 to 75 degrees to the southwest. The main ore pipe begins on the 300 foot level and was mined to the 500 foot level. This pipe appears to be consistantly 6 feet in diameter for approximately 225 feet. The ore minerals consist of galena, sphalerite (?), gold, silver and minor secondary copper minerals. Settlement sheets show the ore to be 15.75% lead, 6.89% zinc. Eight percent of the ore was assayed for gold and silver which showed 0.225 ounces of gold/ton and 13.1 ounces of silver/ton.

Small amounts of sheelite and powellite have been reported along the contact zones of the dikes in adjacent claims.

(f) Favorable mineralization has been found on the 500 level, consisting of an ore pipe 6 feet in diameter, and two small veins. The ore pipe has been consistent in thickness from the 300 level and has provided a bulk of the ore mined in the last few years. A channel cut sample was taken in the 6 foot ore pipe and assays show the following:

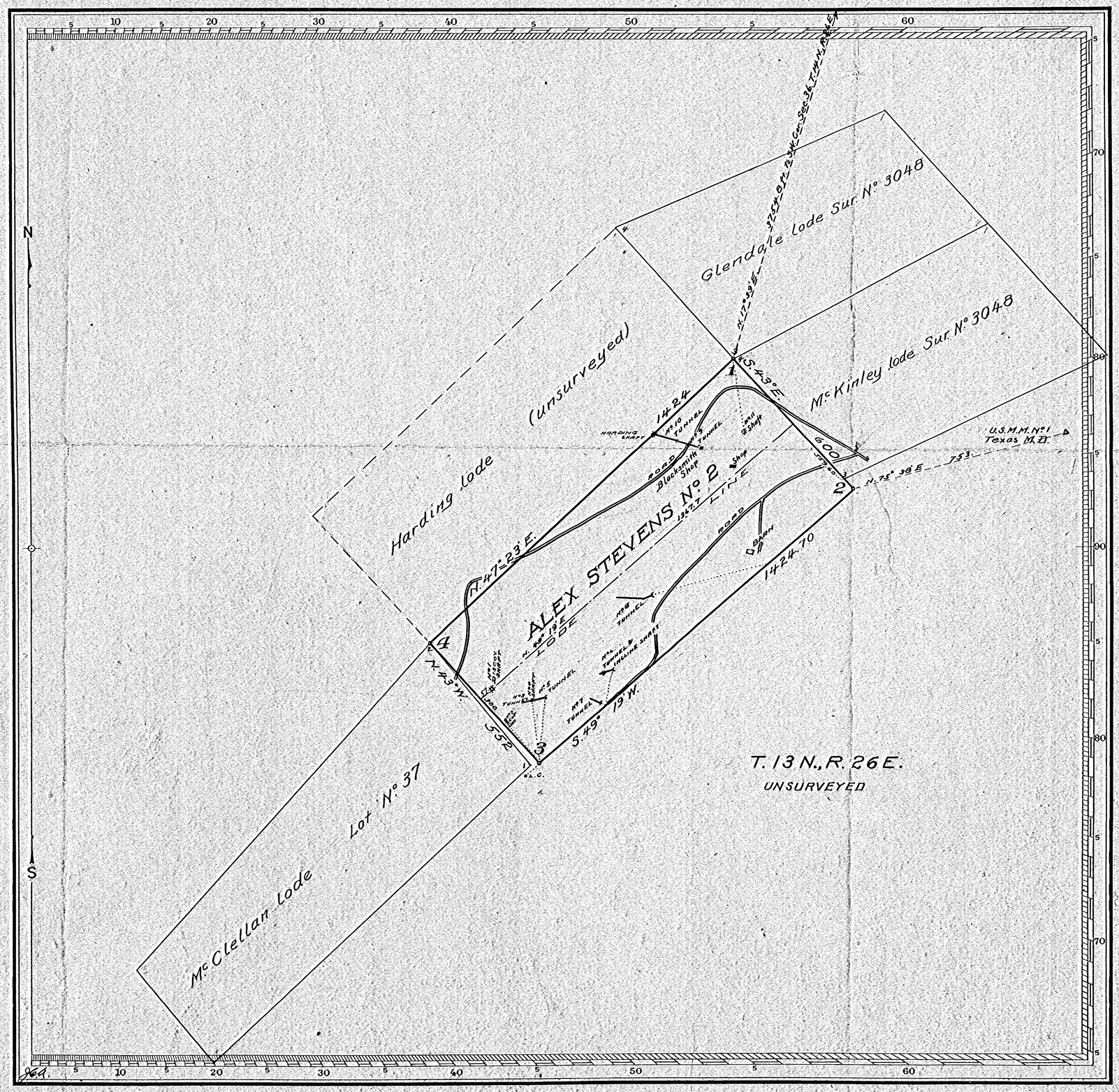
(g) Attached to this Application are settlement sheets which show production from 1946 to 1956.

4. ACCESSIBILITY OF PROPERTY:

(a) William and Howard McCabe of Idaho Falls, Idaho would meet the O.M.E. representative. The property is reached by a gravel road that turns southwest off of Idaho Highway #28, about 2 miles north of the village of Gilmore.

(4-675)

TRACING OR COPY ON HAND No 1405




Mineral Survey No. 3198 PATENTED

Coeur d' Alene Land District.

# PLAT

OF THE CLAIM OF

Ida M. Quarles & Martha Sharp

KNOWN AS THE

ALEX STEVENS No 2

LODE

IN Texas MINING DISTRICT,

Lemhi COUNTY, Idaho

Containing an Area of 18.826 Acres.

Scale of 300 Feet to the inch.

Variation

SURVEYED June 28-29 1929 BY

Fred T. Crandall,

U.S. Mineral Surveyor;

*The Original Field Notes of the Survey of the Mining Claim from which this plat has been made under my direction, have been examined and approved, and are on file in this Office, and I hereby certify that they 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* 1 cut, 4 shafts and 7 tunnels

*that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.*

*And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.*

Public Survey Office

Boise, Idaho

August 12, 1929

Alan McLeod

Office Cadastral Engineer

Amount deposited $25.00

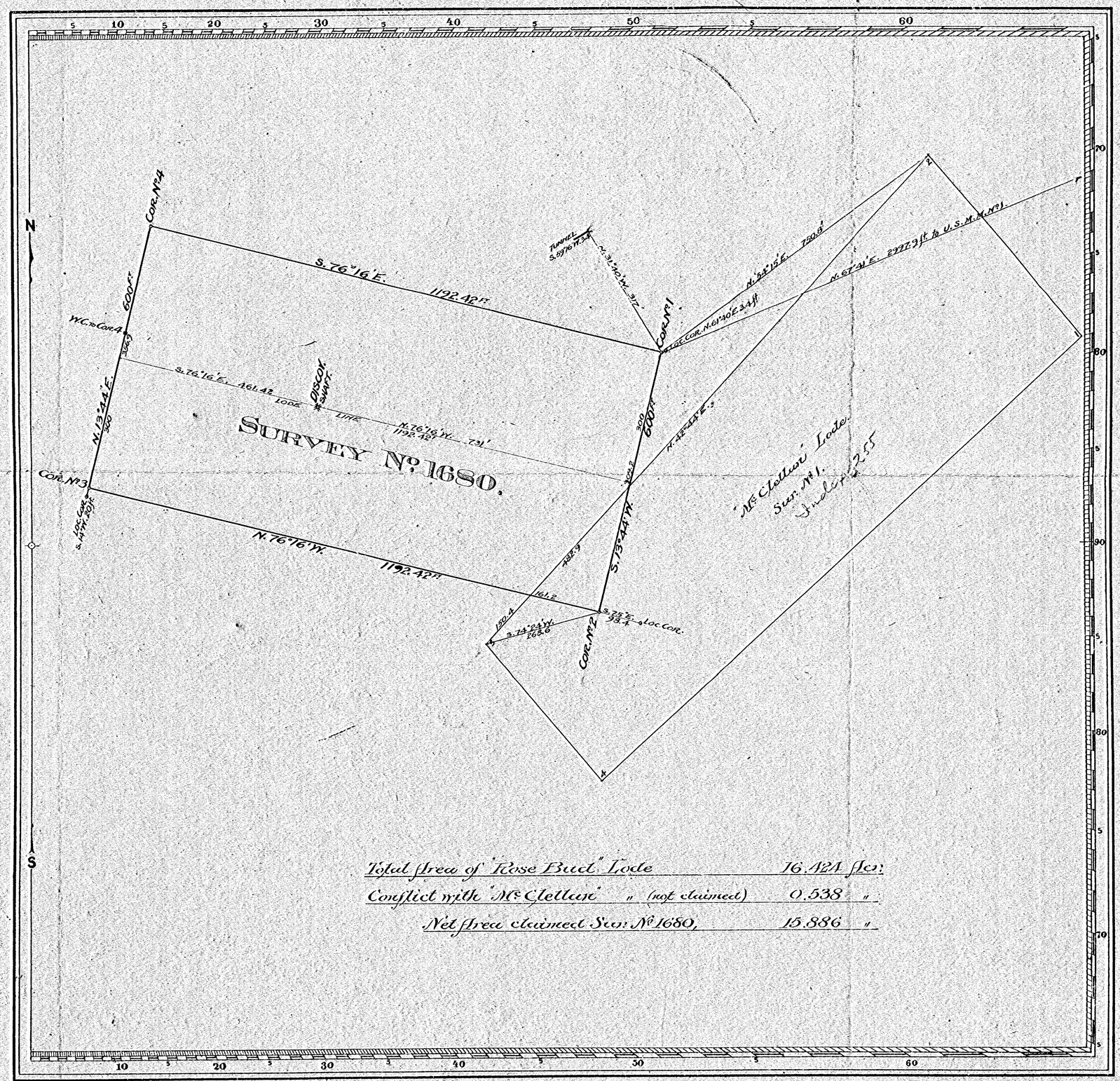
Cost of Office Work $25.00

Amount to be Refunded $

(4-675)

1469

Patented Nov. 15, 1906




| | |
|---|---|
| Total Area of "Rose Bud" Lode | 16.424 Acres |
| Conflict with "McClellan" " (not claimed) | 0.538 " |
| Net Area claimed Sur: No 1680, | 15.886 " |

Claim Located May 21st, 1890. ~~490~~

Mineral Survey No. 1680.

~~Lot No.~~

Hailey Land District.

# PLAT

OF THE CLAIM OF

Ralph P. Quarles.

KNOWN AS THE

## ROSE BUD LODE.

IN Texas MINING DISTRICT,

Lemhi COUNTY, Idaho.

Containing an Area of 15.886 Acres.

Scale of 200 Feet to the inch.

Variation 19° 45' E.

SURVEYED October 4-5, 1901 BY

Peter McCurdell, U.S. Deputy Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim of Ralph P. Quarles.

known as the

"Rose Bud" Lode,

from which this plat has been made under my direction, have been examined and approved, and are on file in this Office; and I hereby certify that they 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 said Mining Claim by claimant or his grantors, and that said improvements consist of a Tunnel 34 feet long, and a Shaft, as appears by the report of the Deputy Surveyor and the testimony of two disinterested witnesses;

that the location of said improvements is correctly shown upon this plat, and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

U.S. Surveyor General's Office, Boise City - Idaho, November 30, 1901

Joseph Dorrance
U.S. Surveyor General for Idaho.

E.E. Pershay.