MME Form 9
Rev. Nov. 65

UNITED STATES
DEPARTMENT OF THE INTERIOR
Geological Survey

OFFICIAL DOCKET FILE Contract No. _____ Docket No. 6600

Application
- [ ] Denied
- [x] Withdrawn

Contract
- [ ] Terminated - Not Certified
- [ ] Terminated - Certified
- [ ] Cancelled
- [ ] Royalty Agreement

The records contained in this file are marked (x) and arranged in this order:

Folder No. 1:

Left Side

- [ ] Royalty Audits
- [ ] Certification of Discovery
- [ ] Closing Letter
- [ ] Cost Audits
- [ ] Termination Notice or Agreement
- [ ] Recision Notice
- [ ] Assignment of Contract
- [ ] Contract Amendments
- [ ] Contract with all exhibits and annexes
- [ ] Owner's Consent to Lien and Subordination Agreement
- [x] Application and Attachments

Right Side

- [ ] Project Summary (final)
- [ ] Work Completed Analysis (final)

All other material filed in chronological order including the following reports if checked:

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Final Field Team Report (Tab)
- [ ] Operator's Final Report (Tab)
- [ ] Interim Field Team Reports
- [ ] Operator's monthly reports and all attachments
- [ ] On-site Exam. Report (Tab)
- [ ] Settlement Sheets
- [ ] Drill Logs

Additional Folders:

Left Side

Folders No. _____: Reports

- [ ] Analysis of Semiannual Inspection Reports
- [ ] Project Summary (Interim) by MME Engineers

Right Side

- [ ] Field Team Semiannual Report for Certified Project
- [ ] Field Team Interim Reports
- [ ] Operator's Monthly Reports with Transmittal, Narrative and Maps

Folders No. _____: Maps (Use pocket folder or envelope)

Folders No. _____: Settlement Sheets

Folders No. _____: Drill Logs

Folders No. _____: Royalty Material

72195-65

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICIAL COPY
O. M. E.
RECEIVED
FEB 27 1967
INITIALS | CODE

Memorandum February 24, 1967

To: Chief, Office of Minerals Exploration
Washington, D. C.

From: Field Officer
Region II

Subject: New Application (Copper)
Knell and Sorenson
Lakeside Mine
Clark County, Nevada

Enclosed is a new application from the partnership of W. L. Knell and Nyron Sorenson, 1016 Putnam Avenue, North Las Vegas, Nevada, requesting OME assistance in an exploration project for copper at the Lakeside Mine, Clark County, Nevada. The application is dated February 21, 1967, and was received in the Field Office on February 24, 1967.

The proposed project consists of bulldozing, diamond drilling, and drifting to explore a copper-bearing vein, at an estimated cost of $20,000. The application is poorly prepared and the competence of the applicants is questionable. Letters of denial from two banks are enclosed but there are no copies of the requests. A statement regarding the obtainability of consent to lien from the owner is missing. The financing of the applicant's share of the costs is questionable. An adequate map of the property and proposed work is lacking. The topographic map shows the Lakeside Mine as on the boundary, or inside, of the Lake Mead National Recreational Area.

H. K. Stager

Enclosures

RECEIVED
FEB 24 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

1016 Putnam Ave.
No. Las Vegas, Nev.
Feb. 21-1967

Mr. H. K. Stager
Field Officer - O.M.E. Region II
345 Middlefield Rd.
Menlo Park, Calif. 94025

Dear Mr. Stager:

I have completed, to the best of my knowledge, an application for minerals exploration assistance for copper. I enclose what information I have and will further state that the surface indications are good on this ore body. In one place the vein in width indicated about 40 to 50 ft. in another place mineralization shows for a width of about 100'. There is high grade copper sprinkled throughout the vein on the surface. The property needs to be drifted in on, in two places to a distance of about 200' each place, also about 500' of core drilling would be beneficial to further prove this ore body.

I sincerely hope you can take immediate favorable action on this as we are ready to go to work. Will appreciate your reply at your earliest convenience. This vein crops out for a distance of about a mile in length.

Sincerely yours - W. Leo Knell

MME Form 40
Jan. 65

Budget Bureau No. 42-R1508
Approval expires Dec. 31, 1968

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR FINANCIAL ASSISTANCE IN MINERALS EXPLORATION

Pursuant to Public Law 85–701 (72 Stat. 700; 30 U.S.C. 641)

RECEIVED FEB 27 1967 LITIG. CODE

NAME OF APPLICANT *(Full legal name and mailing address as they should appear on contract if one is executed.)*

W. Leo Knell
1016 Putnam Ave.
No. Las Vegas, Nev.

APPLICANT DO NOT USE THIS BLOCK

DOCKET NUMBER: 6600

DATE RECEIVED: February 28, 1967

REGION: II

DIVISION CODE:

BUSINESS ORGANIZATION *(Check one)*

- INDIVIDUAL [ ]
- CORPORATION [ ]
- PARTNERSHIP [X]
- OTHER *(Specify)* [ ]

STATE IN WHICH FIRM IS ORGANIZED: Nevada

LIST CORPORATE OFFICERS OR PARTNERS HERE, IF APPLICABLE

NAME	ADDRESS	TITLE
W. Leo Knell	1016 Putnam No. Las Vegas	
Nyron Sorenson	2631 San Gorgonio No. Las Vegas Nevada	

MINERAL(S) FOR WHICH YOU WISH TO EXPLORE: Copper

ESTIMATED COST OF PROJECT: $ 20,000.00

PROPERTY NAME: Lakeside Mine

LOCATION — COUNTY: Clark — STATE: Nev.

GENERAL INSTRUCTIONS

Before filling out this application, please read the *OME Regulations for Obtaining Federal Assistance in Financing Explorations for Mineral Reserves* (30 CFR Chap. III). To assure prompt action, your application must provide all applicable material and information specified on the back of this application form. Avoid unnecessary correspondence and delays by submitting complete and accurate information. *Please submit two copies of this application and all accompanying papers* except as otherwise noted. Place your name and address on each sheet. Each item of information, maps, and reports required as a part of this application is described on the back of this form. Identify each attached statement by the item number to which it applies. If an item does not apply to your application, show the item number on your statement and after it write "not applicable." Maps or sketches should be used to supplement narrative descriptions of the property location and boundaries in item 2, existing mine workings and geology in item 3, and the proposed exploration work in item 5. When this information is not too complex, all of it may be shown on one map or sketch. All documents and other attachments submitted as a part of this application, except those in item 3(g) which you mark to be returned, become the property of the Government and will not be returned to the applicant. Send true copies, *not originals*, of leases, contracts, and other documents which are an essential part of your business records. *File this application with the Office of Minerals Exploration, Department of the Interior,* ~~Washington, D.C., or with the nearest OME Field Office.~~ Washington, D. C.; 20242, or with the nearest OME Field Office.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief, and that he would not ordinarily undertake the proposed exploration under current conditions and circumstances at his sole expense.

Feb. 21-1967
DATED

W. Leo Knell
BY *(Signature)*

Owner & Mgr. of Lease
TITLE

A wilfully false statement or certification to any Department or Agency of the United States Government is a criminal offense. U. S. Code, Title 18, Sec. 1001

INFORMATION REQUIRED WITH THIS APPLICATION

1. Financial Eligibility:

(a) Submit evidence of efforts made within 90 days preceding the filing of this application to obtain credit from your bank of account and at least one other banking institution or other private source of credit. Such evidence shall include true copies of correspondence which show: (1) date of loan request, (2) amount and terms requested, (3) proposed use of loan funds, and (4) the replies from credit sources. If the loan was offered under terms which you consider unreasonable, state why you consider them so.

(b) List names and addresses of affiliated, parent, or controlling companies or organizations and state extent and nature of their interest.

(c) State how you propose to furnish your share of the cost of the exploration work.

2. Applicant's Rights in Land:

(a) State your interest in the land and mineral rights, whether owner, lessee, purchaser under contract, or other. If you are not the owner, submit one true copy of the lease, contract, or other document (with address of owner) under which you control the property. Describe all liens, mortgages, or other encumbrances on the land and state book and page number and official place where recorded.

(b) State the legal description (section, township, and range; metes and bounds; patent number of claims) of the land upon which you wish to explore and all adjacent land which you own or control. Describe any part of the land or workings which should not be subject to Government royalty and liens. If the land consists of unpatented claims, state book and page number for each recorded location notice, including amended locations, and official place where recorded. State all the names by which you know the property.

(c) For all land or mineral rights encumbered or not owned, submit five copies of Lien and Subordination Agreements on MME Form 52. If the agreements cannot be obtained, state reasons and provide copies of letters of refusal.

3. Physical Description:

(a) Describe in detail and illustrate with maps or sketches all mining or exploration operations which you know have been or are being conducted upon the land. Include existing mine workings and all production facilities.

(b) State your interest, if any, in operations described in (a).

(c) State, if you know, the past and current production, supporting your statement with copies of settlement sheets, mine records, or published data if available.

(d) Describe known ore reserves, giving quantities and grades and sampling methods used. Support your statement with copies of assay certificates and assay maps if available.

(e) Describe by narrative and maps or sketches the geologic features of the property, including ore minerals, geologic formations if known, and type of deposit (vein, bedded, etc.).

(f) State your reasons for expecting to find ore, and if you have sampled the area you propose to explore, show where the samples were taken, describe sampling methods used, and provide copies of assay certificates.

(g) Send with your application at least *two* copies of all geologic or engineering reports, assay maps, or technologic information which you have, indicating whether you require their return.

4. Accessibility of Property:

(a) To aid the OME representative who may examine the property, state name and address of person who will meet him; give directions for reaching the property; and describe accessibility of property and of any mine workings.

(b) Name the shipping and supply points and state the distances to the property.

5. Exploration Work:

(a) Describe fully the proposed exploration work giving individual footages and sizes of openings *for each item of work.* Use narrative, maps, plans, and sections as necessary. Show location of the proposed work as related to geologic features such as veins, ore-bearing beds, contacts of rock formations, etc. Show also the relation of the proposed work to any existing mine workings and to *land boundaries* or to the closest identifiable corner.

(b) If an access road must be built, show the proposed location on the property map and state the length, type and construction methods proposed.

(c) If an OME contract is executed, state how soon thereafter work would be started and finished. State your anticipated average daily or monthly rate of progress for each type of work.

6. Experience:

State your operating experience and background to conduct this exploration work and also that of the person who will supervise the work.

7. Estimate of Costs:

Furnish detailed estimates of the necessary costs *for each item of the work proposed in 5(a)* under the headings listed below with a total for each heading and the estimated total cost of the work. Costs for any work to be performed by an independent contractor should be listed separately under category (a) below. Costs for any work that is not to be performed by an independent contractor should be listed under categories (b) through (g).

(a) Independent contracts. State the total cost of any proposed independent contract for all or any part of the work, and the number of units and the unit cost for each type of work, such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, or per cubic yard of material moved. Cost estimates should be supported by bids from three contractors if possible. (*Note*—If none of the work is to be contracted, write "none" after this item.)

(b) Personal services. The cost of supervision, engineering and geological services, outside consultants, and labor should be itemized by numbers and classes of employees; rates of wages, salaries or fees; and periods of employment. State whether these services are available.

(c) Operating materials and supplies. List items of material and supplies giving quantity and cost of each. Include under this heading power, water, and fuel, and units of equipment and tools costing less than $50 each.

(d) Operating equipment. List items of equipment and tools costing $50 or more per unit. Give specifications and indicate how each item is to be acquired—i.e., rented, purchased or provided by the applicant. If rented or purchased, state the estimated rental or purchase price. If furnished by the applicant, state condition and present fair market value.

(e) Initial rehabilitation and repairs. Describe the type and the cost of *initial* rehabilitation or repair of existing buildings, fixtures, installations (exclusive of mine workings), and movable operating equipment now owned by the applicant which will be used in the exploration work.

(f) New buildings, fixtures, installations. Describe each building, fixed improvement, and installation to be purchased, constructed, or installed for the exploration work, stating specifications and cost including labor, materials, and supervision.

(g) Miscellaneous. Describe the type and estimate the cost of repairs and maintenance of the operating equipment listed in 7(d). Do not repeat initial repairs listed in 7(e). Show also the costs of analytical work, accounting, workmen's compensation and employees' liability insurance, payroll taxes, and other required costs that do not fall within the previous categories. [*Note*—The Government will not contribute to costs incurred before the date of the contract, or to costs of or incident to: (1) acquiring, using, or possessing land and any existing improvements, facilities, buildings, installations, and appurtenances, or the depreciation and depletion thereof; (2) general overhead, corporate management, interest and taxes (other than payroll and sales taxes); (3) insurance (other than employees' liability insurance); and (4) damages to persons or property (other than authorized repair to or replacement of equipment or other property used in the work).]

The Best
BANK OF LAS VEGAS
NORTH LAS VEGAS BRANCH
P. O. BOX 3907
LAKE MEAD AND LAS VEGAS BOULEVARDS - NORTH LAS VEGAS - NEVADA - 89032

February 10, 1967

Mr. W. Leo Knell
1016 Putnam
North Las Vegas, Nevada

Dear Mr. Knell:

With reference to your recent application for credit in the amount of $20,000 to be used in connection with your mining activity must inform that the application has been considered and rejected.

In rejecting the application would mention that it is not due to your credit standing, which seems to be very good, but is do to the amount required and the purpose intended, all of which would not meet the requirements imposed upon the banking office.

Thank you for the offer of this business and we certainly hope that you can obtain the financing elsewhere.

Yours respectfully,

T. Ross Yowell
Senior Vice Pres. & Mgr.

TRY:dg

FIRST NATIONAL BANK OF NEVADA
MAIN AND OAKEY OFFICE • 1700 SOUTH MAIN STREET
P.O. Box 1927, Las Vegas, Nevada • 89101

January 24, 1967

Mr. W. Leo Knell
1016 Putnam Avenue
North Las Vegas, Nevada

Dear Mr. Knell:

We are unable to grant you a loan for $20,000 to be used in developing your proposed copper mine.

An extension of this nature would have to be supported by listed stocks or bonds valued at one third more than the amount requested.

Sincerely,

S. R. Bowden
Assistant Cashier

SRB/blm

TO: FIRST NATIONAL BANK OF NEVADA

Macint Calcey OFFICE

CREDIT APPLICATION

LOAN NO.

APPR. BY

Date 1-16-67

FOR: ☐ Personal Loan ☐ Auto Loan Other

I hereby apply for a loan of $ Payable in Equal instalments.

State purpose of loan in detail

NAME IN FULL (PRINT)

ADDRESS STREET CITY STATE

LANDLORD, OR MORTGAGE HOLDER

YOUR PREVIOUS ADDRESS

EMPLOYED BY

TYPE OF BUSINESS

PREVIOUS EMPLOYER

SPOUSE'S EMPLOYER

SOURCE OF OTHER INCOME

MAKE OF AUTO

NEAREST RELATIVE NOT LIVING WITH YOU

SPOUSE'S NEAREST RELATIVE NOT LIVING WITH YOU

LIFE INSURANCE: WITH (COMPANY)

AGE 51 MALE ☒ FEMALE ☐ MARRIED ☒ SINGLE ☐ SEPARATED ☐ DIVORCED ☐ NAME OF SPOUSE CHILDREN NO. 6

HOW LONG YRS 3 MOS. OWN ☒ RENT ☐ MONTHLY PAYMENT $ PHONE NO. 642 7172

ADDRESS PURCHASE PRICE $ 7,950.

HOW LONG UNION NAME AND LOCAL

YRS MOS ADDRESS

HOW LONG

YOUR POSITION MONTHLY SALARY $ BUS PHONE NO YRS MOS

HOW LONG YOUR POSITION

HOW LONG YRS MOS MONTHLY SALARY POSITION

YRS MOS AMOUNT OF OTHER INCOME $

BALANCE OWED $ MTHLY PMT. $

ADDRESS CITY STATE WHAT RELATION

ADDRESS STREET CITY STATE WHAT RELATION

AMOUNT NO OF YRS BENEFICIARY

Please list below companies or individuals to whom you owe money or present debts

NAME OF FIRM	ADDRESS	ORIG. AMOUNT	AMT. NOW OWED	DRAFT STATUS	MTHLY PYMTS
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					[illegible]
[illegible]					[illegible]

Bank Reference:

Name of Bank

Branch

Checking ☒ Borrower ☐ Now ☐

Savings ☐ Co-Maker ☐ Former ☐

Loan ☒ At

Total Monthly Payments on Present Obligations	48.71
Rent or Mortgage Payment	
Estimated Living Expenses	
Total Monthly Expenses	[illegible]
Total Net Monthly Income	[illegible]

I hereby state, affirm, represent and warrant that my total indebtedness on this date does not exceed $

If loan is for purpose of consolidating debts, will loan applied for fully accomplish this purpose?

I prefer my payment to be on the day of each month. If granted pay proceeds of loan to:

I authorize you to obtain such information [illegible] concerning the statements made in this application and agree that the application shall remain your property, whether the loan is granted or not. I hereby certify [illegible] statements [illegible] this application [illegible] true and complete and are made for the purpose of obtaining credit. I agree to notify you of any material change in the statement as set forth [illegible] be a continuing statement [illegible] the credit of the undersigned until written notice to the contrary is received by you, and also agree that if the undersigned, or any [illegible] obligations of the undersigned, if any, fails in business or becomes insolvent, or commits an act of bankruptcy, or if any deposit account or other property of the undersigned with you, be attempted to be obtained or held by writ of execution, garnishment, attachment, or other legal process, or if the undersigned fails to notify you of any material change as above agreed, then and in such case, at your option, all of the obligations of the undersigned to you, or held by you, shall immediately become due and payable without demand or notice.

NET PROCEEDS $

CREDITOR-DEBTOR INS. $ PAYMENTS $

FINANCING CHARGE $ PAYMENTS $

AMOUNT OF LOAN $ BEGIN

I. (SIGNATURE)

II. (SIGNATURE)

IF CREDITOR DEBTOR INSURANCE IS TO BE PLACED, THE PERSON TO BE INSURED MUST SIGN ON LINE I ABOVE.

ICL 3 4-64

1016 Putnam Ave.
No. Las Vegas, Nev.
Feb. 8 - 1967

Estimated Exploration Costs of Lakeside Copper Claims - 15 in all. Loc. in Gold Butte Mining Dist. - Clark Co. Nev. - Map attached -

1. Bulldozer work:
Rental of D-8 with rippers - operator and supplies - 140 hrs. @ 30.00/hr. --- $4,200.00

2. Drift on Vein - 2 - 200' drifts = 400' - @ 30.00 per ft. including all expenses - 12,000.00

3. Diamond Core Drilling
500' @ 6.00 per ft. 3,000.00

4. Assaying & Engineer services etc. 800.00
$20,000.00

RECEIVED
FEB 24 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

Feb. 21 - 1967
1016 Pittman Ave.
No. Las Vegas, Nev.

Mr. H. K. Stager - Field Office, OME Region II
345 Middlefield Rd.
Menlo Park Calif. - 94025

Dear Mr. Stager -
In answer to the questions on the back side of app.
1. (a) I submit two rejections of application for credit from local banks to explore this property.
(b) There is no other affiliated companies or persons in the lease I have with the owners.
(c) We will furnish our share of the cost by furnishing the labor and engineering costs, transportation, supervision costs and some cash, also the use of a core drill.

2 - (a) My interest in the property is evidenced by the lease which runs for 20 years - and which is current at present and in good standing. There are no liens, mtgs - or etc. There were four of us on the original lease which has changed hands some - I have traded and bought out other people on the lease, so that I now own it myself.
(b) - legal description is shown on map.
c - None encumbered in any way.

3 - a - sketch of mine workings on separate sheet.
b - no interest.
c - according to Mr. Ed Leavitt of Bunkerville, Nev. who is a son of Lem Leavitt who was one of the original locators & operators - they shipped around 400 Ton

of high grade many years ago. Nothing has been done since. The price of copper was low then and not having any financial backing nor good equipment they gave it up.

d. There has been no blocking out of ore reserves, etc, at all.

e. This is a vein type deposit about a 60% dip.

f. My reasons for expecting to find ore lies in the fact that there are so many good surface showings of copper which is not stain but carries the primary coppers of bornite, chalcopyrite, chalcocite & Crisocolla, as well as some malachite & azurite. Mining men we have had out on the property state that it is worthy of exploration and that there could very well be a sizeable deposit of good grade copper at depth. This is also a very good leaching ore.

g. I enclose all information I have on the property. I do not have to have these returned - unless sometime you wish to return the map.

4- (a) I, W. Leo Knell - 1016 Putnam Ave, No. Las Vegas, Nevada will be glad to go out with your ONE representative at any time except Sundays. There is a good road to the property - except the last 8 to 10 miles which is slow & steep in places.

(b) The distance to the property from Las Vegas, by present road is about 166 miles. The closest rail head is Overton, Nev.

5- (a) We propose to drift in at two places to intersect a major vein structure, which would

show the extent of an ore body at depth. We also believe that some core drilling would be helpful.

b. There is already a road into the property. It will need some work done on it to make it decent for our operation.

c. We can start the proposed work right after a contract is executed - within 10 days or 2 weeks - and can finish in 6 months or sooner.

6- I have had some mining experience - having worked in a cinnabar mine in the winter of 1965-66 at Mina, Nevada - Also have worked at the iron mines on Iron Mt. at Cedar City, Utah -
Mr. Sorenson has had considerable experience in underground mining in Arizona, Nev. & Utah. We have both worked on core drilling rigs.

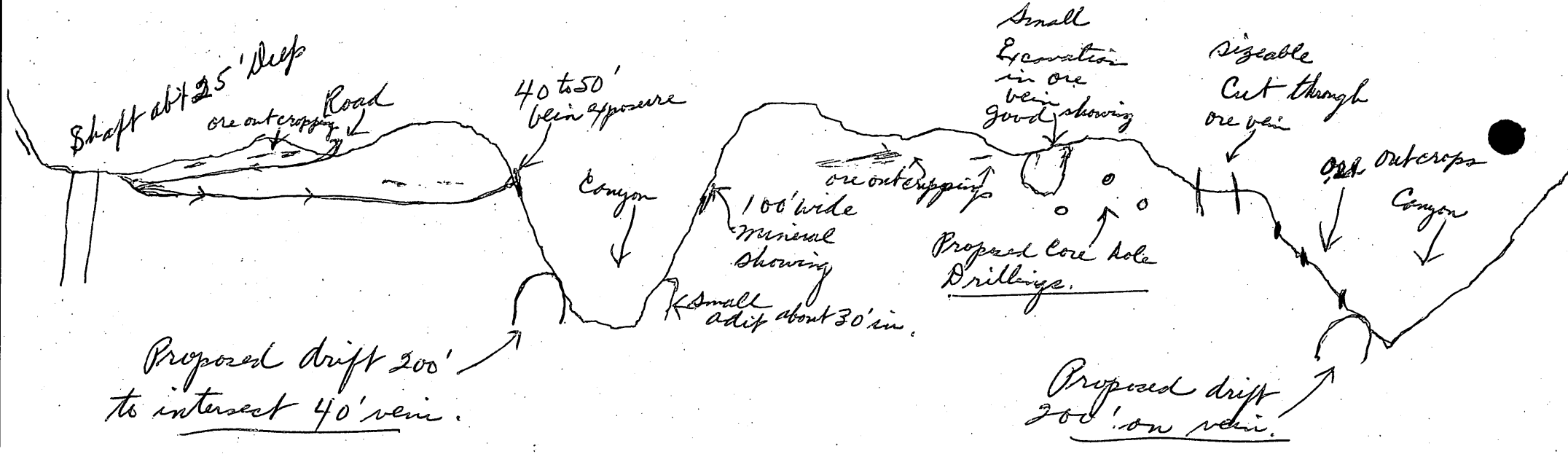
7- I enclose a separate sheet on estimated costs

We are capable of installing our own crusher, rollers - leaching pads - sumps - pumps - etc. which is connected with a leaching operation. We anticipate using the heap method.
We feel that this is most worthy of an exploration program as indicated and stand ready to cooperate with O.M.E. in any & every way we can. Thank you -

Sincerely yours -

W. Leo Knell

Sketch of Existing Workings + Proposed Exploration



about 1 mile in length.

UNIVERSITY OF NEVADA
MACKAY SCHOOL OF MINES
RENO, NEVADA 89507

Nevada Mining Analytical Laboratory

December 12, 1966

Mr. W. Leo Knell
1016 Putnam Avenue
North Las Vegas, Nevada

Dear Mr. Knell:

The copper ore sample which you submitted in October contains the following minerals:

Chrysocolla - $CuSiO_3 \cdot 2H_2O$
Bornite - Cu_5FeS_4
Chalcopyrite - $CuFeS_2$

These occur in the order given, with chrysocolla being by far the most abundant. Other copper minerals, in very small amounts, and not positively identified, were cuprite, azurite and malachite. The sample contained only small amounts of carbonate gangue minerals, such as calcite. Therefore, acid consumption should be low.

An acid leach test, using 5% sulfuric acid and leaching for 24 hours, gave the following results:

	Cu - %
Head assay	5.56
Tailing assay	0.34

Copper extraction, based on the above assays, is 93.9%.

We hope that the above information will be of help to you, and regret the delay in getting this work completed.

Very truly yours,

J. N. Butler
Metallurgist

JNB:ch

FORM 107 DOM 4-66

INTERNATIONAL SMELTING AND REFINING COMPANY

TOOELE PLANT

DATE 10-13 19 66

Leo Knell Crude Hand Sample

NAME	% Cu	% Pb	OZS. Ag	OZS. Au	% INSOL.	% Fe	% S	% CaO	% Zn	% As	% Sb	% Bi	% Cd
1619 9818	8.4	TR	.86	.04	61.6	10.4	.5	TR	TR				

CHEMIST

AMERICAN SMELTING AND REFINING COMPANY
SOUTHWESTERN ORE PURCHASING DEPARTMENT
P. O. BOX 5795, TUCSON, ARIZONA 85703

REED F. WELCH
MANAGER

1150 NORTH 7TH AVENUE
TELEPHONE 602-792-3010

January 23, 1967

Mr. W. Leo Knell
1016 Putnam Avenue
N. Las Vegas, Nevada

Dear Mr. Knell:

LAKESIDE MINE, GOLD BUTTE MINING DIST.
CLARK CO., NEVADA

The assay office has just reported the following contents of the sample you provided a few days ago:

Oz. per Ton		Percent
Gold	Silver	Copper
0.01	0.4	9.75

Such a product if shipped in limited quantities to either our Hayden or El Paso Plant would net you approximately $37.00 per dry ton, after deducting smelting and freight charges. This is based on the present copper price of 38.0¢ per pound. In the event you have ore of this grade that could be shipped, I will appreciate your advising me.

If you contemplate making a precipitate, we can supply you with an outlet for this product at Hayden or El Paso. Purchase terms are roughly as follows:

> Deduct 30 pounds from the assay and pay for the remaining copper at the daily net domestic refinery quotation for electrolytic wire bars as published in the E&MJ (Metal and Mineral Markets), less a deduction of 4.0¢ per pound, with a treatment charge of about $25.00 per dry ton.

If you want to bring this to my attention later, I will be glad to assist you in evaluating your production.

Yours very truly,

Reed Welch

REED F. WELCH

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
4/10/67	Peterson	120
4/10/67	Kirkemo	120
		110
		220

AIRMAIL

Mr. W. Leo Knell
1016 Putnam Avenue
North Las Vegas, Nevada 89030

Re: OME-6500 (Copper)
Knell and Sorenson
Lakeside Mine
Clark County, Nevada

Dear Mr. Knell:

This will acknowledge receipt of your letter dated April 2, 1967, addressed to our office at Menlo Park, California, requesting that your application for assistance be withdrawn.

In compliance with this request, we are considering your application as having been withdrawn and are placing it in our inactive files.

If you wish to reopen this case at any time in the future, you may do so by filing a new application, referring to this OME docket number, and furnishing the information pertinent to your new proposal. This information should include new bank letters dated within 90 days of filing the new application, but need not repeat data already submitted.

The copy of the Mining Lease and Option and the Virgin Basin Quadrangle topographic map are being returned to you as requested.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Reading File
OME Region II
Mr. Peterson
120M

ECPeterson/gla 4-10-67

23263

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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RECEIVED
APR 8 1967
INITIALS | CODE

Memorandum April 5, 1967

To: Chief, Office of Minerals Exploration
Washington, D. C.

From: Field Officer
Region II

Subject: OME-6600 (Copper)
Knell and Sorenson
Lakeside Mine
Clark County, Nevada

Enclosed is a letter from the applicant, Mr. W. Leo Knell, withdrawing the subject application and requesting that the copy of his lease and topographic map be returned to him. The lease and map were sent to you with the original of the application on February 24, 1967. Will you please return them to Mr. Knell.

H. K. Stager

1016 Putnam Ave.
No. Las Vegas, Nev.
April 2 - 1967

Mr. H. K. Stager
Office of Minerals Exploration
345 Middlefield Rd.
Menlo Park - Calif.

OME-6600

Dear Mr. Stager:

Reference is made to my application several weeks ago for gov't assistance in exploring a property for copper. I mailed to you, among other things, a copy of the lease with the owners of the claims and a topog map of the area.

Since then I have located a party who is willing to put up the necessary money to do this exploration work. So I wish to withdraw my application and ask that you please return the above copy of lease & map to me. I thank you for your consideration to me.

Sincerely Yours

W. Leo Knell

RECEIVED
APR 5 1967
OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY
MENLO PARK, CALIF.

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
3/6/67	Peterson	120
3/6/67	Kirkemo	120
		110
3/6	Cal	220
		120M

AIRMAIL

MAR 6 1967

Mr. W. Lee Knell
1016 Putnam Avenue
North Las Vegas, Nevada 89030

Re: OME-6600(Copper)
Knell and Sorenson
Lakeside Mine
Clark County, Nevada

Dear Mr. Knell:

A preliminary review of your application for financial assistance to explore the subject property for copper indicates that additional information is needed to continue its processing.

The required information listed under Item 1(a) of the application form includes furnishing copies of the applicant's correspondence with two banking institutions requesting an exploration loan. As this requirement cannot be waived, we suggest that you submit new applications to the banks and furnish us with copies of the correspondence involved.

Submit five copies of Lien and Subordination Agreements signed by A. Edward McQuoid and Agnes Leavitt, the owners of the claims being leased. If the agreements cannot be obtained, we must have your assurance that a Performance Bond or an Affidavit of Individual Surety covering the Government's share of the estimated cost of the work would be furnished in the event of a contract. The necessary Lien and Subordination Agreements forms (MME Form 52) are enclosed for your possible use.

A copy of the document transferring the rights of Farrell E. West, Fred Lorz, and Edwin Knight, who are listed as co-lessees of the property, to you should be furnished.

Please clarify the location of the Lakeside mine property. It appears from the topographic map submitted that some of the property may be located within the boundaries of the Lake Mead National Recreational Area.

Also required is a sketch or map showing present workings and proposed exploration in relation to the claim boundaries. The proposed work should be described fully, indicating the specific

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geologic targets you wish to explore and how you propose to explore them. Give the locations and widths of the samples referred to in the assay reports.

For your information, the Government pays its share of the costs at the end of each month after a voucher for the costs incurred has been submitted and approved. It usually takes two or three weeks to process such a voucher. An applicant, therefore, should have sufficient funds readily available to pay for all the costs of the project for the first two or three months.

This request for additional information should not be construed as a commitment by the Government to grant an exploration contract. We shall hold the further processing of your application in abeyance until the requested data are received.

Sincerely yours,

FRANK E. JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Division File
Economic Geology File
OME File
OME Region II
OME Reading File
Mr. Peterson

ECPeterson/gla 3-6-67

February 28, 1967

Mr. W. Leo Knell
1016 Putnam Avenue
North Las Vegas, Nevada 89030

Subject OME - 6600

Dear Mr. Knell:

Your application for exploration assistance, dated February 21, 1967, submitted to our office at Menlo Park, California, has been assigned Docket No. OME-6600.

Please identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Frank E. Johnson
Chief, Office of
Minerals Exploration

Copy to Region II