DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

## CONTROLLED DOCUMENT

DMA Docket No. 1400

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_____

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Routing Slip

To: Director, Supply Div Date Aug. 15, 1951

To: Reports + Records Date 8-15-51

To: _____ Date _____

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INT.-DUP. SEC., WASH., D.C. 98868

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 16 1951

G. E. C.

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Mr. Leonard N. Blystad
502 Highland Avenue DMA 1400
Boulder, Colorado

Property: Red Lode Claims
Boulder Tungsten District
Colorado

Conclusions: The field team report states that there is no mineable grade tungsten ore in sight. Also, that further exploration is unwarranted due to the fact that there is little possibility of revealing commercial material.

Recommendation: The application is denied.

George B. Holderer
Chief, Tungsten Branch

Approved:

Tom Lyon
Director, Supply Division

340
FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Holderer
Jacoby
Program
Thayer

AUG 16 1951

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Mr. Leonard N. Elysted
502 Highland Avenue DMA 1400
Boulder, Colorado

Property: Red Lode Claims
Boulder Tungsten District
Colorado

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Recommendation: The application is denied.

B 7/8/16

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Approved:

CHJacoby:bl 8/14/51

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Mr. Lemmon
Mr. Geehan
Field Team - Region IV
Files

Director, Supply Division

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 16 1951

Memorandum

To: Reports and Records Unit

Through: Director, Supply Division

From: Chief, Tungsten Branch

Subject: Mr. Leonard [illegible]
502 Highland Avenue DMA 1400
Boulder, Colorado

Property: Red Lode Claims
Boulder Tungsten District
Colorado

Conclusions: The field term report states that there is no mineable grade tungsten ore in sight. Also, that further exploration is unwarranted due to the fact that there is little possibility of revealing commercial material.

Recommendation: The application is denied.

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Approved:

CHJacoby:bl 8/14/51

Director, Supply Division

CC: Adm. Reading File
Reports & Records Unit
Mr. Holderer
Mr. Lemmon
Mr. Geehan
Field Team - Region IV
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

AUG 16 1951

Mr. Leonard W. Blystad
502 Highland Avenue
Boulder, Colorado

In reply please refer to
DMA 1100

Dear Mr. Blystad:

In reviewing your application our field team has examined your claim "The Red Lode". They report that no tungsten of mineable grade is exposed in any of the workings and that there is little possibility of success with further exploration. Therefore your application must be denied.

Very truly yours,

Tom Lyon

Tom Lyon
Director, Supply Division

CHJacoby:bl 8/14/51

CC: Adm. Reading Files
Reports & Records Unit
Mr. Holderer
Mr. Lemmon
Mr. Geehan
Field Team - Region IV
Files

340

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

A. E. C.

Holderer
Jacoby
Bogaway
Thayer

AUG 16 1951

Mr. Leonard W. Elystad
502 Highland Avenue
Boulder, Colorado

In reply please refer to
DMA 1400

Dear Mr. Elystad:

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Very truly yours,

Tom Lyon

BJ 8-16

Tom Lyon
Director, Supply Division

CHJacoby:bl 8/14/51

CC: Adm. Reading Files
Reports & Records Unit
Mr. Holderer
Mr. Lemmon
Mr. Geehan
Field Team - Region IV
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

224 New Customhouse
Denver 2, Colorado

July 19, 1951

Memorandum

To: Landon Strobel, Executive Secretary
Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: DMA Docket 1400X, Red Lode Claim, Boulder Tungsten District, Colorado
Leonard N. Blystad, Applicant

Herewith is transmitted the original and two copies of the examiners report on the above docket.

We concur with the recommendation that the loan be denied.

P. T. Allsman, Alternate

A. H. Koschmann

Attachments

1 copy by air mail
1 copy by regular mail

9 EC

224 New Customhouse
Denver 2, Colorado

July 19, 1951

Memorandum

To: London Shrubal, Executive Secretary
Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: DMA Docket 14,001, Red Lake Claim, Boulder Tungsten District, Colorado
Leonard H. Blystad, Applicant

Herewith is transmitted the original and two copies of the examiners report on the above docket.

We concur with the recommendation that the loan be denied.

F. T. Allman, Alternate

A. H. Lochmann

Attachments

1 copy by air mail
1 copy by regular mail

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

200 New Customhouse
Denver 2, Colorado

July 9, 1951

Memorandum

To: DMA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 1400X--Red Lode Claim, Boulder Tungsten District, Colorado
Leonard E. Blystad, Applicant

Attached are 8 copies of a brief report by Ogden Tweto regarding the Red Lode Claim, Boulder Tungsten District, Colorado. Mr. Tweto points out that the claim is on the extreme eastern fringe of the tungsten district, that no tungsten ore of mineable grade has been exposed in any of the workings on the claim, and that there is little possibility that further exploration will find any ore. He recommends, therefore, that the loan be denied. I concur with his recommendation.

The brochure is returned herewith.

A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Attachments (9)

RED LODE CLAIM

BOULDER TUNGSTEN DISTRICT, COLORADO

LEONARD N. BLYSTAD, APPLICANT

DMA Docket 1400X

Statement by Ogden Tweto
U. S. Geological Survey

RED LODE CLAIM
BOULDER TUNGSTEN DISTRICT, COLORADO

The Red Lode claim of Leonard N. Blystad is on the Hoosier breccia reef just north of the Bummer Gulch road, on the extreme eastern fringe of the Boulder County tungsten district. This is a location claim on which there are several old shafts and tunnels driven in search of gold. Although tungsten is known at places on the Hoosier reef, no trace of tungsten was seen in any of the workings on the Red Lode claim, except possibly in one small pit now being worked by Mr. Blystad. The silicified granite in this pit contains small veinlets of specular hematite which the applicant has apparently confused with ferberite. In a few small siliceous veinlets, the hematite has a slightly brownish streak and may contain a little ferberite. This is doubtful however, and even if true, it is unlikely that ore running more than 0.10% $WO_3$ could be produced in truckload lots.

As no tungsten ore of mineable grade has been exposed in all the digging on the Red Lode claim, and as there is very little possibility that further exploration will reveal any, it is recommended that the application be denied.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

200 New Customhouse
Denver 2, Colorado

July 9, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 23 1951
LINDSEY F. KIMBELL
Executive Secretary

Memorandum

To: DMA Field Team, Region IV

From: A. H. Koschmann

Subject: DMA Docket 1400X--Red Lode Claim, Boulder Tungsten District, Colorado
Leonard N. Blystad, Applicant

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A. H. Koschmann
A. H. Koschmann
Supervising Geologist
Colorado-Wyoming

Attachments (9)

RED LODE CLAIM

BOULDER TUNGSTEN DISTRICT, COLORADO

LEONARD N. BLYSTAD, APPLICANT

DMA Docket 1400X

Statement by Ogden Tweto
U. S. Geological Survey

RED LODE CLAIM
BOULDER TUNGSTEN DISTRICT, COLORADO

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As no tungsten ore of mineable grade has been exposed in all the digging on the Red Lode claim, and as there is very little possibility that further exploration will reveal any, it is recommended that the application be denied.

June 19, 1951

FILE CONTENT TO FIELD TEAM

DMA-1400-X
Leonard N. Blystad
502 Highland Avenue
Boulder, Colorado

---

1. Letter to Mr. Bradley from Mr. Blystad

2. 3 copies form MF-103

June 19, 1951

Mr. J. H. East, Jr. Executive Officer
DMA Field Team, Region IV
224 New Customhouse Building
Denver, Colorado

RE: [illegible]-1400-X
Leonard N. Flystad

Dear Mr. East:

We are enclosing the file on the above docket. This should have been included with the batch sent you June 12. Please refer to our letter of that date.

Very truly yours,

George B. Holderer
George B. Holderer
Chief, Tungsten Branch

Enclosure

TJBallard:ec

CC: Adm. Reading File
Mr. Strobel
Mr. Holderer
Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

Deny

224 NewCustomhouse
Denver, Colorado

June 26, 1951

Memorandum

To: A. H. Koschmann

P. T. Allsman

From: DMA Field Team, Region IV

Subject: DMA Docket 1400X, Leonard N. Blystad

Herewith is the brochure on the above docket, which is being transmitted to Mr. Koschmann. If it is determined by the Geological Survey and/or the Bureau of Mines from information available that the exploration has merit and will be recommended for approval, you are requested to make the necessary reports. If not, please make the examination.

Also prepare a contract with all of the required exhibits, A through E, attached, subordination agreements and copies of leases, if pertinent. Have it signed and return to this office.

Paul Allsman
P. T. Allsman, Alternate

A. H. Koschmann
A. H. Koschmann

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 23 1951
LAUDON F. STOBEL
Executive Secretary

Attachments

Copy to W. M. Traver, Jr.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

REGIONAL DIRECTOR'S
OFFICE
REGION IV
JUN 2 2 1951
BUREAU OF MINES
DENVER, COLORADO

June 19, 1951

Mr. J. H. East, Jr. Executive Officer
DMA Field Team, Region IV
224 New Customhouse Building
Denver, Colorado

RE: DMA-1400-X
Leonard N. Blystad

Dear Mr. East:

We are enclosing the file on the above docket. This should have been included with the batch sent you June 12. Please refer to our letter of that date.

Very truly yours,

George B. Holderer
Chief, Tungsten Branch

Enclosure

FILE COPY
SURNAME:

Ballard
Holderer

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

June 19, 1951

Mr. J. H. East, Jr. Executive Officer
DMA Field Team, Region IV
224 New Customhouse Building
Denver, Colorado

RE: DMA-1400-X
Leonard N. Blystad

Dear Mr. East:

We are enclosing the file on the above docket. This should have been included with the batch sent you June 12. Please refer to our letter of that date.

Very truly yours,

George B. Holderer

George B. Holderer
Chief, Tungsten Branch

Enclosure

TJBallard:ec

CC: Adm. Reading File
Mr. Strobel
Mr. Holderer
Files

FILE COPY
SURNAME:

Ballard

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

June 12, 1951

Mr. Leonard N. Blystad
502 Highland Avenue
Boulder, Colorado

In reply please refer to
DMA-1400-X

Dear Mr. Blystad:

Your application for an exploration loan to explore your tungsten deposit has been given Docket No. DMA-1400-X.

In order for your application to be considered for an exploration loan, it is necessary for you to submit sufficient evidence concerning the deposit to enable this office to determine if it merits the expense and time required for a field examination. Exploration loans are primarily a contract to do a specified amount of work; therefore, you should outline the specific exploration you propose to do for our consideration in appraising your proposal.

The answers you gave to the questions in your application are too scanty to convey to us any information about your property. Therefore, you should furnish us complete answers to the questions Nos. 1-24 in your copy of the exploration application. If you have any difficulty in furnishing the information, I suggest you get the Bureau of Mines office in Denver to help you.

Very truly yours,

P. R. Bradley Jr.
P. R. Bradley, Jr.
Chief, Tungsten Branch

TJBallard:ec

CC: Adm. Reading File
Mr. Strobel
Mr. Bradley
Files

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

June 11, 1951

Mr. Leonard N. Blystad
502 Highland Avenue
Boulder, Colorado

Subject: DMA-1400X
Re: Exploration Loan -
Red Load Mine

Dear Mr. Blystad:

Receipt is acknowledged of your application and attachments of May 21, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1400X and referred to Mr. P. R. Bradley, Chief, Tungsten Branch, on June 6, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1400X.

Sincerely yours,

LANDON F. STROBEL
NB

Landon F. Strobel
Executive Secretary

LFSTROBEL:hb

Copy to: Mr. Strobel
Mr. Bradley
Mr. Lyon
Files ✓

Mr. Holland

LEONARD N. BLYSTAD
502 Highland Avenue
Boulder, Colorado

June I6-5I

MrP R Bradley
Dear Sir:

In reply to your letter of June I2 I thought I answered all the qustions that was nessary at your end, I expect the Denver branch to inspect this deposit and passon it before the grant is aloud, I also expect the work to be examined before the Government reimburse me for thér share of expences, I'am prepared to pay for all Equipment Material and labor and give receiptsfor same.

My propertys are located along the Hoosier Dyke one of the best dykes, if not the best dyks in Boulder County, my propertys ajoin the Vanadium Corp of America on two sides and they have high grade Tungsten within ½ of of a mile from me.

Sincerely yours
L Blystad
DMA-I400-X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 1 8 1951
LANDON F. STROBEL
Executive Secretary

Dear

Boulder Colo
June I6-5I

Dear Mr Bradley;

At your request I'am answering qustions NosI-24.

Question # I. Individual
" " 2 no
" " 3 no
" " 4 Building Contractor for fourty years
" " 5 yes
" " 6 none
" " 7 no
" " 8 will take care of my share
" " 9 yes
" " Io Red lode # 307942 Township I N
" " Range 27W-west of the sixth M.P.
" " II Red Lead
" " I2 Boulder 8 miles Nederland IO miles-roads good
" " I3 yes
" " I4 Cabin
" " I5 Teals mill I½ miles Nederland IO miles
" " I6 none
" " I7 none
" " I8 none
" " I9 75 yds from main highway
" " 2o Tungsten
" " 2I sink and drift,
" " 22 I have I6" streack of ore
" " 23 A Miners, prevailijg vages
" " B Self
C $ IOO,00
D Compresor-Jack hamer-pump-dills-pipe -hose. $2750.00
ED none
F none
G Truck $ I,00 per day
H $ 35,00
I none
24 Two months $ 5000,00

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1400-X

Date received 6/4/51

Participation

Name and address of applicant

Date May 21-51

Leonard N Blystad 502 Highland Ave Boulder Colo

FILL IN THIS BLOCK

Date of application May 21 51

Estimated cost $5000,00

Mineral or metal Tungsten

Percentage of Government participation $375,00

Location of mine Sugar Loaf Dist

Township No I.N-Range 71W West of Sixth P.M

Date of filing MF-100 May 21-51

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Indiviual

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Several years-self

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Sufficient to pay my share of cost

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. Red Lead # 307942

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted. TOWNSHIP - # 1 N - Range # 13 71 WEST of the Sixth P.M.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any. Red Lead

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. Boulder 8 Miles Nederland 10 M Roads Good

*13. State source and quantity of water available for operations and its sufficiency at all seasons. Plenty
State amount of power to be used, rate per hour or other cost, and source. None

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Cabin

15. State in detail how the ore could be shipped and how and where milled. Tarnek - Nederland

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties. Tungsten

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Tungsten

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Drift + Stoke

NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. $100.00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Compressor - Jack hamer - drills - Pump

(*f*) Cost of rental for equipment which the operator proposes to rent. None

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. None

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $350.00

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. Two Months $5000.00

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

| | |
|---|---|
| (Name of company) | By Leonard Blystad (Signature of authorized official) |
| (Date) | (Title) |

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. Dma-1400X

Date received 6/4/51

Participation

Name and address of applicant

Leonard N Blystad 502 Highland Boulder Colo

Date May 27-51

FILL IN THIS BLOCK

Date of application May 21-51

Estimated cost $5000.00

Mineral or metal Tungsten

Percentage of Government participation $3750.00

Location of mine Sugarloaf Dist-

Date of filing MF-100 May 21-51

DMA Docket Number, if available —

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Individual

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Several years - self

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? My share

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

X 10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property. Red Lead #307942 - Township 1 N. Range 71 E. W & S P M

(*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. three miles from Sugarloaf - 8 Miles from Boulder

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled. Truck - Nederland

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.

(*b*) State briefly the known history and production of adjoining and neighboring properties. several good ones

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly. Tungsten

(*b*) Submit available maps and assay data. none

(*c*) Give estimated tonnage and grade of each class of ore reserves. —

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Tungsten

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Prospecting

NOTE.—The Government will not participate in a project that will require more than 2 years to complete. two Months

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. Prevailing wages

(*b*) Supervisors, by numbers and positions, with salaries of each. self Some

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings.

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.

(*f*) Cost of rental for equipment which the operator proposes to rent. — $700.00

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. $350.00

(*i*) Cost of power, water, utilities, and any other items not provided for above. —

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. 3 Months - $5000.00

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

(Name of company) By (Signature of authorized official)

May 27 - 57 (Date) (Title)

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

# APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5, UNDER DEFENSE PRODUCTION ACT OF 1950

DO NOT FILL IN THIS BLOCK

Docket No. DMA-1400 X

Date received 6/4/51

Participation

Name and address of applicant

Date May 21-51

Leonard N Blystad 502 Highland Ave Boulder Colo

FILL IN THIS BLOCK

Date of application May 21 51

Estimated cost 5000,00

Mineral or metal Tungsten

Percentage of Government participation 375,00

Location of mine Sugar Loaf Dist

Township No 1.N-Range 71W West of Sixth P.M

Date of filing MF-100 May 21-51

DMA Docket Number, if available

## INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

## THE APPLICANT

*1. Is applicant an individual, partnership, or corporation? Indiviual

*2. If a partnership, state names and addresses of partners.

*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.

*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project. Several years-self

*5. Are you the owner or the lessee of the property? Owner

6. If owner, state what claims, liens, or encumbrances, if any, are against the property. None

7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.

9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)? Sufficient to pay my share of cost

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

## THE PROPERTY

10. (*a*) Give a description of the real property that will be affected by or involved in the exploration project, including any existing mine or operating property. Good Load

(*b*) Give the legal description of the exact parcel, part, or area upon which the exploration is to be conducted. Township 1-S Range 71-E East of the Sixth P.M.

NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area. Good Load

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads. Boulder 8 - Nederland 10 M roads Good

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useful facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work. Cabin

15. State in detail how the ore could be shipped and how and where milled. Truck - Nederland

*16. History:

(*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations. Farther

(*b*) State briefly the known history and production of adjoining and neighboring properties. Tungsten all around

(*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:

(*a*) If mine is in production, furnish the following information:

| | *Tons per day* | *Grade or analysis* | *Cost per ton* | *Net value per ton* |
|---|---|---|---|---|
| (1) Mining | | | | |
| (2) Milling | | | | |
| (3) Shipped or sold | | | | |

*18. Ore or mineral reserves: (If property is or has been operating.)

(*a*) Describe the ore or mineral deposits briefly.

(*b*) Submit available maps and assay data.

(*c*) Give estimated tonnage and grade of each class of ore reserves.

19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

## THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted? Tungsten

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it. Drift and Sink-

NOTE.—The Government will not participate in a project that will require more than 2 years to complete. 2 Months

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

## THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:

(*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each. Self prevailing vage

(*b*) Supervisors, by numbers and positions, with salaries of each.

(*c*) Cost of necessary repairs to existing facilities, structures, and buildings. 100;00

(*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.

(*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each. Compressor-Jack hamer-Drill-Pump act

(*f*) Cost of rental for equipment which the operator proposes to rent. None

(*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work. Truck

(*h*) Cost of materials and supplies, including items of equipment costing less than $50 each. 35,oo

(*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent. Two Months - $5000.00

## CERTIFICATION

The undersigned company, and the official executing this certification on its behalf, hereby certify that the information contained in this form and accompanying papers is correct and complete to the best of their knowledge and belief.

| | |
|---|---|
| (Name of company) | By Leonard M Blystad (Signature of authorized official) |
| May 28 - 57 (Date) | (Title) |

**Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make a willfully false statement or representation to any department or agency of the United States as to any matter within its jurisdiction.**

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

P.T.A. — 10: — Leonard N Blanford —
Red Lead Mine.
Sugar Loaf District,
Boulder County, Colo.

MF-103 incomplete. Will require details for Exhibits and possible examination. Probably impossible before 6/30/3

10PM