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

Department of the Interior
Defense Minerals Administration
RECEIVED
OCT - 5 1953

224 New Customhouse
Denver 2, Colorado

October 2, 1953.

Aetna Mining Company
Mr. E. P. Swerdfeger and Mr. H. C. Craig
844 - 15th Street
Boulder, Colorado

Re: Docket No. DMEA-2805

Gentlemen:

Since we have had no reply to our letters dated June 2 and August 12, 1953, we believe that you are no longer interested in your proposed exploration project so we have closed this docket.

Very truly yours,

W. H. King
W. H. King
Field Team, Region IV

E. N. Haushmann
for A. H. Koschmann
Field Team, Region IV

HMC:cwm

cc: Docket
Administrator, DMEA
WMTraver
AHKoschmann (2)
Chron.

Withdrawn

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

224 New Customhouse
Denver 2, Colorado

August 12, 1953

Aetna Mining Company
E. P. Swerdfeger & H. C. Craig
844-15th Street
Boulder, Colorado

Re: Docket No. DMEA 2805

Gentlemen:

Your letter of April 25, 1953 advised that you were planning to ventilate the mine so that an examinatinn of the property could be made.

We have had no reply to our letter of June 2 asking if you were still interested in exploration assistance, so we presume that you are no longer interested in your proposed exploration project, and we are, therefore, placing your application in our inactive file.

Very truly yours,

W. H. King

W. H. King
Executive Officer
DMEA Field Team
Region IV

HMC:es

cc: Contract
Mittendorf
Chron.
Traver
Koschmann (2)

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

224 New Customhouse
Denver 2, Colorado

June 2, 1953

Aetna Mining Company
E. P. Swordfeger & H. C. Craig
844-15th Street
Boulder, Colorado

Re: Docket DMEA 2805 (Lead-Zinc), Capital Prize Mine, Clear Creek, Colorado

Gentlemen:

On May 18 we advised you that effective April 15, 1953, funds for certain specified metals had been denied and since your application related to lead and zinc it was accordingly denied.

We are pleased to inform you that since your application was received prior to May 15, 1953, we are now authorized to process it if you are still interested in exploration assistance.

We are as of this date placing your application in our active files for processing.

Yours very truly,
W. H. KING

W. H. King
Executive Officer
Field Team, Region IV

HHC:ld

sub
chron
Koschmann
Mittendorf
Traver

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

224 New Customhouse
Denver 2, Colorado

May 18, 1953

Aetna Mining Co.
E. P. Swerdfeger & H. C. Craig
844-15th Street
Boulder, Colorado

Re: Docket No. 2805 (Lead-Zinc)
Capital Prize Mine, Clear Creek,
Colorado

Gentlemen:

This is to inform you that effective April 15, 1953, the commitment of funds allocated to the Defense Minerals Exploration Administration for exploration assistance under the Defense Production Act was restricted to certain specified metals and minerals still in short supply. Lead and zinc were not specified, and consequently were automatically removed from the list of metals or minerals eligible for exploration assistance.

We regret to advise you that, since your application relates to lead and zinc and was pending on the date of the restrictive order, we are without authority or funds to enter into a contract for exploration and your application is accordingly denied. This action is taken without prejudice to the merits of the proposed project.

The staff of the Defense Minerals Exploration Administration wishes to express its appreciation for your interest in the exploration program and for your cooperation during the period your application has been under consideration.

Sincerely yours,

W. H. King
W. H. King
Field Team, Region IV

for A. H. Koschmann
Field Team, Region IV

WHK:es

cc: Docket
Chron.
Traver
Mittendorf
Koschmann (2)

C. O. Mittenbergf

COPY

April 25, 1953

BE

U.S. Dept. of the Interior
Defense Minerals Exploration Administration
Mr. W. H. King
Denver, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 5 1953

Dear Sir:

Re: D.M.E.A. 2805

We are trying to put our plans together so we can ventilate the mine so your office can examine the property. We have hopes to do so in the near future.

Very truly yours,

Aetna Mining Co.

/s/ E.P. Swerdfeger

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

224 New Customhouse
Denver 2, Colorado

March 31, 1953.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 3 1953

Aetna Mining Company
E. P. Swardfeger and E. C. Craig
844 - 15th Street
Boulder, Colorado

Re: DMEA-2805

Gentlemen:

Reference is made to conversations in this office and Mr. Traver's office regarding the ventilation of the mine workings for examination. At that time you were informed that we cannot examine the property until it is made accessible by proper ventilation.

Will you please advise if you are still interested in the proposed exploration project and if you are taking steps to provide proper ventilation.

If we do not hear from you within 30 days we will presume that you are no longer interested and we will place your application in the inactive file.

Very truly yours,

W. H. KING

W. H. King
Executive Officer
DMEA Field Team, Region IV

RMC:cwn

cc: Subject
WMTraver
COMittendorf
Chron.
Koschmann (2)

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

December 5, 1952

Memorandum

To: Administrator, Defense Minerals Exploration Administration
Attention: Code 200

From: Executive Officer, Field Team, Region IV

Subject: Docketing for Exploration Assistance

Enclosed herewith in duplicate is DMA Form 3b and Form MF-103 in triplicate and supporting data pertaining to the following application for Government assistance in exploration work.

Aetna Mining Co.
E. P. Swerdfeger & H. C. Craig
844 - 15th St.
Boulder, Colorado

DMEA-
2805

W. H. King
W. H. King

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Form Approved. Budget Bureau No. 42-R1035.2.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 8 1952

APPLICATION FOR AID IN AN EXPLORATION PROJECT, PURSUANT TO DMEA ORDER 1, UNDER THE DEFENSE PRODUCTION ACT OF 1950, AS AMENDED

Not to be filled in by applicant

Docket No. DMEA-2805
Metal or Mineral
Date Received 12/8/52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: ASTRA Mining Co. (not incorporated) Partnership
E. P. Swerdfeger & H. C. Craig
% E. P. Swerdfeger, 844 - 15th St., Boulder, Colorado

(*b*) If other than an individual, add to your name above whether a corporation, partnership, etc., and the name of the State in which incorporated or otherwise organized.

(*c*) If a corporation, add to above statement, titles, names and addresses of officers.

(*d*) If a partnership, add to the above statement the names and addresses of all partners.

2. *General.*—Read DMEA Order 1, "Government Aid in Defense Exploration Projects," before completing this application. Submit this application and all accompanying papers in quadruplicate (four copies), with your name and address on each sheet of the application and on all accompanying papers. Where sufficient space is not provided on the form for all required information, state it on an accompanying paper, with a reference in each case to the instruction to which it refers by number. Comply with all applicable instructions; or, if not applicable, so state. File the application with Defense Minerals Exploration Administration, Department of the Interior, Washington 25, D. C., or with the nearest field executive officer thereof.

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract
Known as Capital Prize Group (See Map Attached)

(*b*) State any mine name by which the property is known.

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise
owner - but pay for by 10% Royalty

(*d*) If you are not the owner, submit with this application a copy of the lease, contract, or other document under which you control the property.

(*e*) If you own the land, describe any liens or encumbrances on it one 10% Royalty until paid for

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice.

4. *Physical description.*—(*a*) Describe in detail any mining or exploration operations which have been or now are being conducted upon the land, including existing mine workings and production facilities. State your interest, if any, in such operations. Also describe accessibility of mine workings for examination purposes. See Maps

(*b*) State past and current production, and ore reserves, if any, giving quantities and grades. See Report

(*c*) Describe the geologic features of the property, including mineralization, type of deposit (vein, bedded, etc.), and your reasons for wishing to explore. Illustrate with maps or sketches. Send with your application (but not necessarily as a part of it) any geologic or engineering report, assay maps, or other technologic information you may have, indicating on each whether you require its return to you. See report - and return to E. P. Swerdfeger

(*d*) State the facts with respect to the accessibility of the project: Access roads, distances to shipping, supply and residence points. Paved road within 500 feet of portal

(*e*) State the availability of manpower, materials, supplies, equipment, water, and power.
All available

16—66551-1

5. *The exploration project.*—(a) State the mineral or minerals for which you wish to explore Lead-Zinc

(*b*) Describe fully the proposed work, including a map or sketch of the property showing a plan (and cross sections if needed) of any present mine workings, and the location of the proposed exploration work as related to such features as contacts, veins, ore-bearing beds, etc.

(*c*) The work will start within 10 days and be completed within 24 months from the date of an exploration project contract.

(*d*) State the operating experience and background of the applicant with relation to the ability to carry out such exploration project, and also that of the person or persons who will supervise the operations. Have had 15 yrs. exper-ience

6. *Estimate of costs.*—Furnish a detailed estimate of the costs of the proposed work (you will have to use a separate sheet), under the following headings. Add the totals under all headings to give the estimated total cost of the project:

(*a*) *Independent contracts.*—(Note.—If the applicant does not intend to let any of the work to contractors, write "none" after this item. To the extent that the work is to be contracted, do not repeat the cost of the contract-work in subsequent items.) State the cost of any proposed independent contracts for the performance of all or any part of the work, expressed in terms of units of work (such as per foot of drilling, per foot of drifting, per hour of bulldozer operations, per cubic yard of material moved, etc.).

(*b*) *Labor, supervision, consultants.*—Include an itemized schedule of numbers, classes and rates of wages, salaries or fees for necessary labor, supervision and engineering and geological consultants.

(*c*) *Operating materials and supplies.*—Furnish an itemized list, including items of equipment costing less than $50 each, and power, water and fuel.

(*d*) *Operating equipment.*—Furnish an itemized list of any operating equipment to be rented, purchased, or which is owned and will be furnished by the Operator, with the estimated rental, purchase price, or suggested use-allowance based on present value, as the case may be.

(*e*) *Rehabilitation and repairs.*—Furnish a detailed list showing the cost of any necessary initial rehabilitation or repairs of existing buildings, installations, fixtures, and movable operating equipment, now owned by the Operator and which will be devoted to the exploration project.

(*f*) *New buildings, improvements, installations.*—Furnish a detailed list showing the cost of any necessary buildings, fixed improvements, or installations to be purchased, installed or constructed for the benefit of the exploration project.

(*g*) *Miscellaneous.*—Furnish a detailed list showing the cost of repairs to and maintenance of operating equipment (not including initial rehabilitation or repairs of the Operator's equipment), analytical work, accounting, workmen's compensation and employers' liability insurance, and payroll taxes.

(*h*) *Contingencies.*—Give an estimate of any necessary allowances for contingencies not included in the costs stated above.

NOTE.—No items of general overhead, corporate management, interest, taxes (other than payroll and sales taxes), or any other indirect costs, or work performed or costs incurred before the date of the contract, should be included in the estimate of costs.

7. (*a*) Are you prepared to furnish your share of the cost of the proposed project in accordance with the regulations on Government participation (Sec. 7, DMEA No. 1)?

(*b*) How do you propose to furnish your share of the costs?

[X] Money [X] Use of equipment owned by you [ ] Other

Explain in detail on acompanying paper.

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.

Dated December 1st, 1952

ACMA Mining Co.,
(Applicant)

By E. P. Swentzner
Partner

Partner

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.

U. S. GOVERNMENT PRINTING OFFICE 16—66551-1

SUPPORTING INFORMATION FOR APPLICATION
FORM FOR DMEA ON MF-103

Applicant: AETNA Mining Co., a partnership
(E. P. Swerdfeger & H. G. Craig)
% E. P. Swerdfeger, 844 - 15th St.,
Boulder, Colorado

(Information in Detail for the following headings - MF-103):

4. (a) Physical Description:-

Main drift is caved where crosscut contacts. Drift on hangwall of shear zone is rot. Ventilation is poor and air is stale.

5. (b) Proposed work: - Drive drift to S. W. on hanging wall of shear zone 400'. This drift is an extension of present drift on hanging wall and shows values in place now, particularly in stope near breast.

Retimber main drift (or footwall) to N. E. by removal of caved stope fill and replacing timber. This distance to blocked out area is 800'. Track and pipe line are in place. As map shows, both drifts will expose ample ore.

(d) E. P. Swerdfeger, General Manager: 18 years' experience operating mines for Pent-Swerdfeger - lead and zinc, magnesium, gold and tungsten. 3½ years mechanical engineering University of Denver. Has had considerable rehabilitation experience in mines as well as development work.

J. T. Pent, Mine Sup't., E.M., Colorado School of Mines. Five years' experience since graduation in both metal and coal mines.

F. T. Pent, Consulting Engineer, E.M., MIT; ME, University of Pennsylvania - 25 years' experience in operating coal and metal mines.

6.(a) Independent Contracts: - None

(b) Labor	1200 feet @	$12 per foot	$ 14,400
Supervision		$ 3 " "	3,600
Consultants		$.20 " "	240

(c) Operating Materials & Supplies:

Powder	$2.50	per foot	$ 3,000
Steel	2.50	" "	3,000
Power	2.50	" "	3,000
Timber	1.40	" "	1,680
Rail & Spikes	1.60	" "	1,920
Ditch & Ties	.80	" "	960
Water Hose	.25	" "	300
Air Hose	.35	" "	420
Air Line Pipe & Couplings	1.00	" "	1,200

UNDERSIGNED INSTRUMENTS FOR INVESTIGATION
FROM PRO EMMA OR MR-JOY

Applicant: ARMA Mining Co., a partnership
(E. F. Swartlegger & H. G. Drake)
P. O. F. Swartlegger, Box - 1234 Sq.,
Boulder, Colorado

(Information in detail for the following headings - MR-103):

5. (a) Physical description:-

Main shaft is paved down crossout contacts. Drift on hangwall of shear zone is rich. Ventilation is poor and air is stale.

5. (b) Proposed work - Drive drift to E. W. on hanging wall of shear zone 100'. This drift is an extension of present drift on hangwall and above values in place now, particularly in shear zone detail.

Retimber main drift (or footwall) to N. S. by removal of caved stope fill and replacing timber. This distance to diagonal cut over is 800'. Track and pipe line are in place. As may above, both drifts will expose ample ore.

(c) H. F. Smith, General Manager. 30 years' experience operating for Tom-Swartlegger - land and sire, deposition, gold and wolfram. 35 years combined engineering experience of Drake. He has successfully rehabilitation experience in mines as well as development work.

6. F. Smith, Mine Supt., S.M., Colorado School of Mines. Five years' experience mine operation in both metal and coal mines.

F. K. Smith, Consulting Engineer, S.M., Univ. Mr. University of Syracuse - 25 years' experience in operating coal and metal mines.

6.(a) Underground workings - Mine

(b) Labor

Superintendent	1 " "	$ 3,000
Foremen	2.5 " "	240

(c) Operating Materials & Supplies

Powder	$2.50 per foot	$ 3,000
Steel	2.50 " "	3,000
Power	2.50 " "	3,000
Timber	1.40 " "	1,680
Rails & Spikes	1.60 " "	1,920
Lumber & Ties	.80 " "	960
Mules-Feed	.25 " "	300
Air Hose	.30 " "	360
Air Line Pipe		
& Gang Lines	1.00 " "	1,200

Applicant: AMTNA Mining Co.,
A Partnership
Boulder, Colorado

Page Two of Details for
Form MF-103

6. (d) Operating Equipment:

Trammer	- Cost:	$4,200
Air Compressor	"	8,400
Drifter	"	$850
		$13,450

Rental on above Equipment @ $4.50 per ft. $5,400

(e) None

(f) None

(g) Accounting, Workmen's Compensation, etc. @ $1.50 p.ft. $1,800

(h) Contingencies - 8% @ $3.00 per foot $3,600

7. (a) Yes

(b) By furnishing money and equipment and other materials.

Attached to and made a part of Form MF-103 dated 12/1/52
filed by the captioned applicant for assistance by
Defense Minerals Exploration Administration