224 New Customhouse
Denver 2, Colorado

April 3, 1952

Memorandum

To: C. O. Mittendorf, Acting Administrator
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: Docket DMA 1209, Empire Mining and Engineering Company, Boulder County, Colorado

The application of the Empire Mining and Engineering Company, Docket 1209, was for a development loan of $100,000.00. The Field Team recommended that this loan be denied on November 14, 1951. Mr. Edwards of the Empire Mining and Engineering Company phoned this office today and stated that the company was planning to submit an application for an exploration loan.

Kindly send us all copies of the original application as they will be helpful in processing the application for an exploration loan.

J. H. East, Jr.

JHE:ld

cc: Docket, chron.
Koschmann
Traver

224 New Customhouse
Denver 2, Colorado

February 20, 1952

Memorandum

To: W. R. Storms (with brochure)

(Through Acting Chief, Mining Div., Region IV)

C. A. Anderson

From: Field Team, DMEA, Region IV

Subject: Application of T. J. Hazelton, Ingalls, Kansas, Docket DMEA-2369

The proposed project consists of raising a winze 35 feet to the surface, sinking the winze 100 feet, and drifting 200 feet at the bottom of the winze. The estimated cost is $10,000.

The applicant had some difficulty preparing the application and we requested additional information. He came to the Denver office, and the application was discussed thoroughly. The applicant appears to know what he wants to do, but has difficulty putting it on paper.

The examining team should contact Mr. Ralph Tafoya at the County Clerk's office, Sierra County Court House, Truth or Consequences, New Mexico, who is a partner in the venture, and will show them the property.

If the application is approved, sufficient data to prepare a contract should be obtained.

JFS:oc J.F.S.

cc: DMA Subject, Chron.
Koschmann

W. H. King
W. H. King for
J. H. East, Jr.

A. H. Koschmann
A. H. Koschmann

Enclosure

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA
FOR USE UNDER THE
DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DM EA 2389

Date received

J. G. Hazelton
Ingalls Kansas

Name and address of applicant

Date Jan 28 1951

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products? Silver copper lead zinc iron gold
   (*b*) What are the byproducts, if any? flux quartz crystals & talc
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts. 35 ft.
   (*b*) Linear feet of drifts and crosscuts. 20 ft.
   (*c*) Linear feet of tunnels or adits. None
   (*d*) Linear feet of other mine openings (explain briefly). 15 ft. wing at end of drift.

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity. No flooding
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point. 33 miles South west of Hot Springs New Mex.
   (*b*) Mining district. Animas
   (*c*) Township, Section, Range. Recorded in county clerk office at Hot Springs New Mex.
   (*d*) County, State. Sierra County New Mex
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated. Yes
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☒ Lessee.
   - ☐ Contractor.
5. Number of years in production 2 years

   If not in production or operation, estimated date when production will begin
6. Experience of operators:

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project. operated mine also managed and done all other kind of mine work
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation. do not have information
   (*b*) State briefly the known history and production of adjoining and neighboring properties. answered elsewhere
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

   do not have information

16—63792-2

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	$	$	$		
Preferred stock	$	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)					
2. Quantity of product processed (specify unit of measure and type of process)					
3. Quantity and grade of product sold or shipped (specify units of measure)					

11. Do you contemplate a change in the present average monthly rate of production? If so, state estimated maximum monthly production and basis of change.

12. Ore or Mineral Reserves:

(a) Describe the ore or mineral deposit briefly. Accompany the application by any available report on the geology ore reserves.

(*b*) If deposit is other than placer:

(1) Submit assay plans and/or sections showing location and size of proved (measured) and probable (indicated) ore or mineral reserve.

(2) State the tonnage (indicate type of ton) and grade of each class of ore reserve, as above, and show how computed. Tabulated total ore reserve as follows:

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)					
Indicated (probable)	1000		$25.00		18.00

(*c*) If placer:

(1) Give estimated total yardage and average marketable mineral content of each deposit.

(2) Submit map showing location of placer deposit and surrounding area, with all test holes or pits. Submit logs of each hole and test pit with depth and average value of each.

(3) Describe gravel, stating whether fine, medium or coarse; loose, tight, cemented, or frozen, and whether it contains stumps or boulders more than 1 foot in diameter; if so, how large, and in what proportion.

(4) Describe bedrock, giving type (granite, sandstone, shale, etc.) and state whether it is hard or soft, smooth, even or rough.

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads. 33 miles to Hot Springs New Mex. black topped road except 4 miles of graded dirt road

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

Well water

15. Power:

State amount of power used, rate per hour, and source thereof. gasoline motor also R. E. A. line

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

2 and add more as needed.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

Compressor jack hammer and other hand tools.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

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.

Skylight Mine (Name of company)

By T J Hamilton (Signature of authorized official)

Jan 28 1952 (Date)

Owner Operator (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.

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

[illegible], New Customhouse
Denver 2, Colorado

November 14, 1951

Memorandum

To: Executive Secretary, Defense Minerals Administration

From: DMA Field Team, Region IV

Subject: Final Report, DMA Docket 1209, Empire Mining and Engineering Co., applicant; Golden and Sudden No. 6 Fluorspar Mines, Boulder County, Colorado

Enclosed herewith are the original and two copies of the report on the subject docket.

In accord with the conclusions and recommendations of the examining team that the development loan of $100,000 be denied.

The brochure is enclosed.

J. H. Earl Jr.
J. H. Earl, Jr.

A. H. Koschmann
A. H. Koschmann

WDM:oj
cc: DMA Subject and Chron.

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

JUL 18 1951
July 18, 1951

REGIONAL DIRECTOR'S
OFFICE
REGION IV
JUL 20 1951
BUREAU OF MINES
DENVER, COLORADO

Mr. J. H. East, Jr., Executive Officer
DMA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Subject: DMA-1209 - Fluorspar
Empire Mining & Engineering Co.
Near Jamestown, Colorado

Dear Mr. East:

We are forwarding the complete file on application of Empire Mining and Engineering Company for a Government loan of $100,000, for development, mining and mill construction on Fluorspar property near Jamestown, Colorado.

Please review subject application, arrange field examination of project and report thereon, particularly with respect to the following:

1. Ore reserves. Data submitted by applicant does not appear to substantiate adequate reserves to justify proposed operation. Applicant has reported verbally that some development work has been underway continuously since date of filing application; has this work added substantially to reserves?

Applicant apparently intends to include only the Orion and Saddle No. 6 claim in the proposal, although owning several other nearby properties. Are additional reserves available on claim other than Orion and Saddle No. 6?

If total available reserves cannot be substantiated to justify applicant's proposal, is additional exploration work justified and is there a possibility that such work might indicate the needed additional reserves? Would applicant be prepared to undertake such additional exploration either for his own account or under an Exploration Aid Contract?

2. Management competence. Does applicant's manager appear competent to undertake proposed project, particularly with respect to ore beneficiation?

3. Plant suitability. Is the mill, which applicant proposes to purchase, adequate for the intended use? Is proposed flow sheet suitable?

4. Costs. Check cost estimates for mining, milling, plant erection, etc. Are they in line with the experience of other operators in the district?

5. Capital requirements. As estimated by applicant, capital requirements appear to be unusually low for an operation of the scope proposed. Please check.

6. Comments and recommendations.

Please return enclosed file with field report.

Sincerely yours,

Tom Lyon

Chairman, Coordinating Committee

Approved:

Olaf T. Rove

Member, U. S. Geological Survey

Lowell B. Moon

Member, U. S. Bureau of Mines

Mining Division
Region IV

November 14, 1958

Memorandum

To: DMA Field Room, Region IV

From: Chief, Mining Division, Region IV

Subject: Final Report, DMA Docket 1009, Empire Mining and Engineering Co., applicant; Orion and Mobile No. 6 Fluorspar Mines, Boulder County, Colorado

The application of the subject docket was for a development loan of $160,000.

This loan was for the purpose of shaft sinking, drifting and the purchase and re-erecting of a 75 ton used mill now located at Blackhawk, Colorado.

The fluorspar ore occurs in narrow and short veins without any definite pattern in altered and sheared granodiorite. Indicated reserves at the Mobile No. 6 mine are estimated at 712 tons of ore averaging from 30 to 40 percent calcium fluoride.

These reserves are insufficient to repay the loan, and the accompanying loan recommends denial with which we concur.

Paul T. Allman

WDM:oj
cc: DMA Subject, Chron.
AHKoschmann

6-303
(March 1947)

cc: P. T. Allsman
W. M. Traver, Jr.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Salt Lake City, Utah

No. 6

Report to Mr. F. D. Everett

Chemical Laboratory Report

Date received Sept. 26, 1951

Date reported Sept. 28, 1951

Serial No.	DESCRIPTION	Lot No.	Au	Pb	CaF_2	$CaCO_3$	SiO_2
	Saddle No. 6 Claim Empire Mining and Engineering Company (DMA-1209) Jamestown, Colorado						
98432	Adit	E-10	<.005	1.6	64.9	0.5	15.0
33	Saddle No. 6 adit 0.8 cut	-11			68.1	1.05	
34	1' "	-12			55.6	0.35	
35	do.	-13			70.6	1.05	
36	Surf. X CT B-2 1.1' cut	-14			71.0	0.15	
37	Cut adit saddle No. 6 (surface)	-15	<.005		50.7	0.15	
38	Saddle No. 6 main cut 2.6 cut	-16			52.7	0.15	32.2
39	5'.6' cut	-17	<.005		29.5	tr.	

Mining Division
Date Rec'd.
OCT 1 1951
BUREAU OF MINES
Denver, Colorado

U. S. GOVERNMENT PRINTING OFFICE 16—33553-3

Signed W. E. Peterson

dd

Building 20, Denver Federal Center

Mining Division

S. R. Zimmerley

Date Rec'd

September 19, 1951

W. M. Traver, Jr.

SEP 20 1951

Sample Shipment

BUREAU OF MINES
Denver, Colorado

We are shipping to you today via parcel post eight ore samples taken from the Saddle No. 6 Claim of the Empire Mining and Engineering Company (DMA-1209), Jamestown, Colorado. Form 7353, in triplicate, indicating the assays required in enclosed.

Inasmuch as these are DMA samples, your prompt attention will be much appreciated.

pte

W. M. Traver, Jr.

enclosures

cc PTAllsman
DMA General
DMA-1209
DMA Chron.

September 5, 1951

Memorandum

To: M. M. Traver, Jr.

(Through Chief, Mining Division)

A. H. Koschmann

From: DMA Field Team, Region IV

Subject: DMA Docket 1209, Empire Mining and Engineering Company, Fluorspar property near Jamestown, Boulder County, Colo.

We have been advised by Mr. Westby, one of the DMA Community officials in Washington, that he has contacted Mr. Edwards and determined that the Empire Mining and Engineering Company still wishes to have their application considered as a direct loan and not changed to exploration.

Under date of August 30, the Chairman of the Coordinating Committee sent a teletype requesting that first priority be given to examine this property and to submit a report due to the fact that acid grade fluorspar is in very short supply.

Please make your examination and report at your earliest convenience.

F. P. Allsman, Alternate

A. H. Koschmann

A. H. Koschmann

FPA:ld

cc: Koschmann
DMA

OPR WA 310 PLS OK VV

WA 310 PLS M OK

WASH DC BU MINES 310 GA PLS

BUR MINES DENVER 235 9-4-51 8-18 AM

TOM LYON

RETELETYPE REGARDING DMA 1209 APPLOICATION. COMPANY HAS STATED THEY INTEND TO CHANGE APPLICATION TO EXPLORATION LOAN. HAVE YOU RECEIVED REVISED APPLICATION QUESTION

J H EAST JR

END PLS ACK FTM

MSG RECD OK CWO

OPR WA 310 PLS OK VV

WA 310 PLS N OK

WASH DC BU MINES 310 GA PLS

BUR MINES DENVER 235 9-4-51 8-18 AM

TOM LYON

RETELETYPE REGARDING DMA 1209 APPLOICATION. COMPANY HAS STATED THEY INTEND TO CHANGE APPLICATION TO EXPLORATION LOAN. HAVE YOU RECEIVED REVISED APPLICATION QUESTION

J H EAST JR

END PLS ACK FTM

MSG RECD OK CWC

1-1027
(April 1946)

DMA

UNITED STATES
DEPARTMENT OF THE INTERIOR

AGENCY Defense Minerals Administration

Originator: Coordinating Com.

TELETYPE

Ext.: 2824 Room: 3610

Appro.: 1420137 Salaries & Exp. Defense Production Activities

Date: August 30, 1951

Time:

No.:

To: J. H. East, Jr.
224 New Customhouse Building
Denver 2, Colorado

Subject:

Empire Mining & Engineering Co. of Boulder, Colorado, DMA 1209 has made application on fluorspar property. This fluorspar is acid grade and is very short in supply. Would you please give first priority to examining this property and submit your report as soon as possible.

Chairman
Coordinating Committee

SENT
AUG 30 1951
Clerical Service Section

CONFIRMATION

Authorized:

Sign original message and transmit to Room ..... in duplicate

U. S. GOVERNMENT PRINTING OFFICE 16—50915-1

BUR MINES DENVER 235 GA PLS

WASH DC BU MINES 310 8-39-51 11XXXX 3.21PM

J H EAST, JR.

EMPIRE MINING & ENGINEERING CO. OF BOULDER, COLORADO, DMA 1209 HAS MADE APPLICATION ON FLUORSPAR PROPERTY. THIS FLUORSPAR IS ACID GRADE AND IS VERY SHORT IN SUPPLY. WOULD YOU PLEASE GIVE FIRST PRIORITY TO EXAMINING THIS PROPERTY AND SUBMIT YOUR REPORT AS SOON AS POSSIBLE.

TOM LYON, CHAIRMAN, COORDINATING CO MMITTEE

3.23PM END MSG ACK PLS CW

MSG RECD OK FTM

Examination held in abeyance because the applicants have indicated they intend to change their request to the application loan form J.F.J

BUR MINES DENVER 235 GA PLS

WASH DC BU MINES 310 6-30-21 11XXXX 3.21PM

J W EAST, JR.

EMPIRE MINING & ENGINEERING CO. OF BOULDER, COLORADO, DWA 1209 HAS MADE APPLICATION ON FLUORSPAR PROPERTY. THIS FLUORSPAR IS ACID GRADE AND IS VERY SHORT IN SUPPLY. WOULD YOU PLEASE GIVE FIRST PRIORITY TO EXAMINING THIS PROPERTY AND SUBMIT YOUR REPORT AS SOON AS POSSIBLE.

TOM LYON, CHAIRMAN, COORDINATING COMMITTEE

3.33PM END MSG ACK PLS CW

MSG RECD OK FTM

BUR MINES DENVER 235 GA PLS

WASH DC BU MINES 310 8-39-51 11XXXX 3.21PM

J H EAST, JR.

EMPIRE MINING & ENGINEERING CO. OF BOULDER, COLORADO, DMA 1209 HAS MADE APPLICATION ON FLUORSPAR PROPERTY. THIS FLUORSPAR IS ACID GRADE AND IS VERY SHORT IN SUPPLY. WOULD YOU PLEASE GIVE FIRST PRIORITY TO EXAMINING THIS PROPERTY AND SUBMIT YOUR REPORT AS SOON AS POSSIBLE.

TOM LYON, CHAIRMAN, COORDINATING CO MMITTEE

3.23PM END MSG ACK PLS CW

MSG RECD OK FTM

424 Near Customhouse
Denver 2, Colorado

July 23, 1951

Memorandum

To: W. M. Traver, Jr. (with brochure)

(Through Chief, Mining Division)
A. H. Koschmann

From: DMA Field Team, Region IV

Subject: DMA Docket 1269, Empire Mining and Engineering Co., Fluorspar property near Jamestown, Boulder County, Colo.

Enclosed is the complete file on the application of the above company for a development loan of $100,000.

The estimated reserves require checking, as well as the estimated costs of producing acid-grade fluorspar.

The examination of this proposed project should not be undertaken while you have pending exploration projects.

J. H. Kast, Jr.

J. H. Kast, Jr.

A. H. Koschmann

A. H. Koschmann

Enclosure

WMM:oj
cc: AH Koschmann
DMA Files - Subject and Chronological

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

JUL 18 1951

July 18, 1951

REGIONAL DIRECTOR'S OFFICE
REGION IV
JUL 20 1951
BUREAU OF MINES
DENVER, COLORADO

Mr. J. H. East, Jr., Executive Officer
DMA Field Team, Region IV
224 New Customhouse Building
Denver 2, Colorado

Subject: DMA-1209 - Fluorspar
Empire Mining & Engineering Co.
Near Jamestown, Colorado

Dear Mr. East:

We are forwarding the complete file on application of Empire Mining and Engineering Company for a Government loan of $100,000, for development, mining and mill construction on Fluorspar property near Jamestown, Colorado.

Please review subject application, arrange field examination of project and report thereon, particularly with respect to the following:

1. Ore reserves. Data submitted by applicant does not appear to substantiate adequate reserves to justify proposed operation. Applicant has reported verbally that some development work has been underway continuously since date of filing application; has this work added substantially to reserves?

Applicant apparently intends to include only the Orion and Saddle No. 6 claim in the proposal, although owning several other nearby properties. Are additional reserves available on claim other than Orion and Saddle No. 6?

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4. Costs. Check cost estimates for mining, milling, plant erection, etc. Are they in line with the experience of other operators in the district?

5. Capital requirements. As estimated by applicant, capital requirements appear to be unusually low for an operation of the scope proposed. Please check.

6. Comments and recommendations.

Please return enclosed file with field report.

Sincerely yours,

Chairman, Coordinating Committee

Approved:

_____

Member, U. S. Geological Survey

_____

Member, U. S. Bureau of Mines

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

JUL 18 1951

Tom Lyon

WMT/dd
Mining Division
Date Rec'd.
AUG 28 1951
BUREAU OF MINES
Denver, Colorado

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
DENVER, COLORADO

Region IV

Building 20
Denver Federal Center
Denver 14, Colorado

August 27, 1951

Mr. Warren H. Edwards, Vice President
and Sales Manager
EMPIRE MINING AND ENGINEERING CO., INC.
Cleveland Sales Office
1000 Fidelity Building
Cleveland 14, Ohio

RE: DMA-1209, Empire Mining and Engineering Co., Inc.
Jamestown, Boulder County, Colorado

Dear Mr. Edwards:

Reference is made to your letter of August 25, 1951, concerning the above-captioned Defense Minerals Administration docket.

You state that Mr. Tom Lyon, Director of the Supply Division of Defense Minerals Administration, advised you that we should be able to make a field examination of the project in the near future.

This loan request, so far as this office has been advised by Washington, is still for development. When the change to an exploration loan is processed and we are instructed to do so, a regular field investigation will be undertaken. The requirements and, accordingly, the investigations for the two types of loans are considerably different.

Very truly yours,

W. M. Traver, Jr., Chief
Colorado Branch, Mining Division

cc PTAllsman
DMA-1209
DMA Chron.