UNITED STATES
DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

OFFICIAL DOCKET FILE

Terminated (or cancelled) without certification. DMEA No. 519

This is the official contract file containing all official records of the project. Duplicate material has been removed. The records contained in the files are checked and are arranged in this manner:

Left Side

✓ Certificate of Audit (Final).

Interim Audit(s).

Report of Review.

Termination Notice or Agreement.

Recision Notice.

Assignment of Contract.

✓ Contract Amendments (latest on top).

✓ Contract with all exhibits and annexes.

Owner's Consent to Lien.

Subordination Agreement.

Leases and assignments of leases.

✓ Application and attachments.

Schedule of Collections.

✓ Operator's monthly reports and all attachments (latest on top).

Right Side

Project summary.

✓ Work completed analysis.

✓ All other material is filed in chronological order with correspondence including the following reports as checked:

✓ Final Field Team Report. (Tab)

Operator's Final Report.

✓ Interim Reports.

✓ On-site Exam Report(s). (Tab)

Settlement Sheets.

If additional folders are required because of volume of records, show folder numbers and contents below:

Maps in folder number _____

Operator's Monthly Reports in folder number _____

cc
Reviewer's Initials

7973

DEFENSE MINERALS EXPLORATION ADMINISTRATION

Contract Administration and Audit Division

AUDIT CERTIFICATE

I have examined the records and transactions of:

Johan P. Holtermann & Chad Spor, Partners
(Open Question)

Hailey, Idaho

pertaining to Exploration Project Contract No. E-73 for the period of August 18, 1951 to April 30, 1952.

My examination was made in accordance with generally accepted standards applicable in the circumstances.

The audit disclosed the following facts in regard to amount to be paid the contractor:

Total cost as billed by contractor -	$2,826.15
Exceptions taken by the government -	None
Total accepted cost	$2,826.15

The contract calls for a 50 percent participation of exploration expenses by the United States Government. Therefore, the amount of reimbursement to be paid the contractor by the government is:

One thousand four hundred thirteen dollars and 07/100

$1,413.07

This certificate is issued on the provision that the Executive Officer, the Administrator, or other competent official accepts the project as having otherwise met the terms of the contract.

May 14, 1952

Robert M. Hull
Auditor

Johan P. Holtermans & Chad Spor
Partners
Contract No. E-73 (Open Question)

I INTRODUCTION

An audit was made on May 2, 1952, of Defense Minerals Exploration Contract No. E-73, Johan P. Holtermans and Chad Spor, Partners (Open Question mine). The records pertaining to this contract are in the possession of George Spor at a boarding house in Challis, Idaho. The audit covered the period of August 18, 1951, through April 30, 1952.

The project was closed from December 1, 1951, to April 21, 1952, due to extreme winter weather. Work was resumed on April 22, and terminated on April 30, 1952. Both partners had left the property, but Mr. George Spor, a son of one of the partners, was present and was consulted when necessary. Mr. Spor stated he does not intend to present a Form MF-104 for the work done during April 1952.

II EXTENT AND SCOPE OF AUDIT

1. Labor

The payrolls for the entire period under audit--August 18, 1951, through April 30, 1952, were examined. One of the partners

maintained the time in a penciled notebook; the wages due, based upon the rates set forth in the contract and amendment No. 1, are figured from it. The sketchy payroll is due to the fact that there are few workers and the partners are not paying out actual wages to themselves, but are contributing labor as a cost of the project.

2. Supplies

The records covering the purchase of supplies were examined. There is a folder maintained with all the purchase invoices and receipts. Supplies were purchased as needed and no stocks maintained.

Small quantities of gasoline and oil are purchased for use of the pump, and no formal control is maintained.

3. Equipment Rented

The rental charges on equipment furnished by the Operators were checked against the amounts allowable under the terms of the contract and the period in use. The amounts charged are allowable under the contract.

III FINDINGS

The records maintained are in poor condition and not entirely adequate. A folder was maintained for each month the contract was in operation; the various invoices and receipts were loose and not in any order. A notebook was maintained in pencil and the Operators kept a list of all charges applicable to each Form MF-104. Mr. Spor was able to support all sums appearing on the monthly reports.

Several exceptions had previously been taken by the Field Team and the necessary adjustments made on the November MF-104.

There were no supplies of powder or fuel remaining.

IV RECOMMENDATIONS

As a result of this audit, no exceptions are taken other than to the method the Operators used in maintaining their records. The costs are reasonable and proper and are within the terms of the contract. The audit report prefacing this report reflects the total amount of the costs properly chargeable to this project.

Contracts & Audit
Idm - 519 (Fluorspar)

AMENDMENT NO. 2

It is agreed this 27 day of December 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Johan P. Holtermans and Chad Spar, partners, P. O. Box 104, Hailey, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E73 of July 23 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be December 27 1951.

This amendment is made by authority granted the Executive Officer, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

J P Holtermans, (Operator)

By Chad Spar

The United States of America

By A. E. Wennerlon

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 19 1952

Reviewed by Division
HB 2/21/52

OPEN QUESTION
EXPLORATION PROJECT CONTRACT
Idm-E73

Amendment 2
Exhibit "F"

Changes and Modifications:

1. The time limit of this contract as specified in paragraph 3 is to be changed to read instead of eight months, "eight operating months."

2. An amount not to exceed $15.00 per month can be used for payment of accounting costs.

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

OCT 29 10 35 AM '51

original contract file

IDM-E-73

AMENDMENT NO. 1

It is agreed this 16th day of October 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration and Johan P. Holtermans and Chad Spor, partners, P. O. Box 104, Hailey, Idaho

each acting in consideration of the agreement of the other to the terms hereinafter set forth, that the Exploration Project Contract Idm-E73 of July 23, 1951 between the parties hereto be modified and amended as described in Exhibit "F", attached hereto, which, with any maps or drawings attached thereto, is made a part of this agreement. The effective date of this amendment shall be July 23 1951.

This amendment is made by authority granted the Executive Officer, DMA Field Team, Region II in Order No. 2653 by the Acting Secretary of the Interior.

This amendment shall not be construed to increase the estimated total cost of the project, the aggregate total amount which the Government may be obligated to pay, or the percentage of costs which the Government may be obligated to pay, under the provisions of Article 13 of the contract form.

Executed in sextuplicate the day and year first above written.

J. P. Holtermans
(Operator)

By

The United States of America

By O. E. Weisenborn
Executive Officer, DMA Field Team, Region II

Cont. Serv Sec.
Change Order
Noted D. E.
Reviewed

OPEN QUESTION

Exploration Project Contract
Idm-E73

AMENDMENT NO. 1

EXHIBIT "F"

Changes and modifications:

1. In Exhibit "D" of the contract, delete the labor schedule shown and substitute the following paragraph:

"Labor for the items of work described herein may be paid at shift rates or unit contract rates not to exceed going rates for like work in the district in which the project is located, and the cost thereof shall be allowable to the extent approved by the DMA Field Team, Region II, as a cost of the project."

MF-20
(April 1951)
Indexed
No. Card
Card
Reviewed 8/27/51

RECEIVED
AUG 29 1951
G.A.O.

Docket No. DMA 519X
Commodity Fluorspar
Idm-E73

UNITED STATES OF AMERICA
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

EXPLORATION PROJECT CONTRACT [1]

It is agreed this 23rd day of July, 1951, between the United States of America, acting through the Department of the Interior, Defense Minerals Administration, hereinafter called the "Government," and [2] Johan P. Holtermans and Chad Spor, Partners
P.O. Box 104
Hailey, Idaho

hereinafter called the "Operator," as follows:

1. *Authority for contract.* This agreement is entered into under the authority of the Defense Production Act of 1950, pursuant to Mineral Order 5, entitled "Regulations Governing Government Aid in Defense Exploration Projects."

2. *Operator's property rights.* The exploration project shall be conducted on that certain property situated in the State of Idaho, County of Custer described as follows: [3] the Open Question Claim in T13N., R18E., Boise Meridian, in the Bayhorse Mining District.

with respect to which the Operator represents and undertakes: [4]

(*a*) That he is the sole owner, in possession and entitled to possession, and that the property is subject only to the following claims, liens, or encumbrances as to each of which the subordination agreement of the holder is attached: None

SEP 5 SEP 1951

(*b*) ~~That he is a lessee, in possession and entitled to possession, and the subordination agreement of the lessor is attached.~~

3. *Exploration project.* The Operator, within 60 days from the date of this contract shall commence work on a project of exploration for [5] fluorspar; shall prosecute the work efficiently, expertly, in a workmanlike manner, in accordance with good mining standards, with suitable and adequate equipment, materials, and labor, all properly designed to bring the project to completion within a period of [6] eight months from the date of this contract. The exploration project and the work to be performed are more fully described on Exhibit "A" attached hereto, which, with any maps or drawings thereto attached, is made a part of this contract. No maps required.

4. *Performance of the work.* The work shall be performed by the Operator, under his sole direction and control: *Provided,* That with the consent of the Government and its written approval of the contract or contracts, all or any part of the work may be performed by the Operator through contract or contracts with independent contractors. The Government shall have the right to enter and observe and inspect the work at all reasonable times, and the Operator shall provide the Government with all available means for doing so. The Government may consult with and advise the Operator on all phases of the work.

5. *Fixtures and improvements.* The Operator shall devote the land and all existing improvements, facilities, buildings, installations, and appurtenances to the purposes of the exploration project without any allowance for the use, rental value, depreciation, depletion, or other cost of acquiring, owning, or holding possession thereof. Attached hereto, marked "Exhibit 'B'," is a detailed list of additional facilities, buildings, and fixtures, to be purchased, installed, or erected by the Operator, with the estimated cost of each, to which the Government will contribute its agreed pro-rata share of the cost. The difference between the cost of such additional facilities, buildings, or fixtures, and the salvage value thereof at the conclusion of the work, shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

6. *Operating equipment.* Attached hereto, marked "Exhibit 'C'," is a detailed list of operating equipment divided into categories of items to be rented, purchased, or furnished by the Operator, with the allowable rental, purchase price, or rental value, as the case may be, annexed to each. As to equipment purchased for the project, the Government will contribute its agreed pro-rata share of the cost thereof, and the difference between the cost and the salvage value at the conclusion of the work shall be charged as a cost of the project to which the Government has contributed its pro-rata share.

Supplement No. 1, dated 10-16-51 Attached 11-8-51

[1] If sufficient space is not provided in any blank, use an extra sheet of paper and refer to it in the blank.
[2] State name, address, and nature of organization if any.
[3] Give legal description or enough to identify the property.
[4] Strike out the provision not applicable.
[5] Name of mineral.
[6] Not in excess of 2 years.

7. *Title to and disposition of property.* All facilities, buildings, fixtures, equipment, or other items costing more than $50 each, paid for or purchased with funds contributed jointly by the Operator and the Government, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the termination of the contract, if they have any salvage value, shall be disposed of for their joint account unless the Government, in writing, waives its interest in any such items. The Government may require the dismantling, severance from land, and removal of any such items in order to realize its interest in the salvage value thereof, and the cost of any such removal and of the disposal of the items shall be for the joint account of the parties in proportion to their respective interests.

8. *Labor and supervision.* Attached hereto, marked "Exhibit 'D'," is an itemized schedule of labor, by numbers and classes (miners, muckers, millmen, etc.), and of supervisors, by numbers and positions, with the maximum wages or salaries that may be paid to each as an allowable cost of the project.

9. *Rehabilitation and repairs.* Attached hereto, marked "Exhibit 'E'," is a detailed schedule of existing facilities, buildings, installations, and fixtures, with a statement of the cost of any necessary rehabilitation or repairs to put into useful and operable condition, which cost shall be allowed as a cost of the project.

10. *Allowable costs of the project.* The allowable costs of the project in which the Government will participate are limited to the necessary, reasonable, direct costs of performing the exploration work, including the costs of materials, supplies, engineering, power, water, and utilities, including items of equipment costing less than $50 each; and the costs referred to in Articles 5, 6, 8, and 9, and the exhibits annexed to and referred to in the contract. Although the Government may pay part of the cost of new or additional facilities, structures, buildings, and equipment, only the depreciation on such items, computed as indicated in Articles 5 and 6, will be charged as a cost of the project. No items of general overhead, corporate management, interest, or any other indirect costs not expressly allowed by these regulations, or work performed or costs incurred before the date of this contract, shall be allowed as costs of the project in which the Government will participate.

11. *Participation by the Government.* At the end of the first full calendar month after the Operator has commenced work under the project, and at the end of each succeeding calendar month, the Operator shall submit to the Government a voucher for payment with a detailed statement of work done and allowable costs (as defined in Article 10 of this agreement) incurred, in a form and with supporting data acceptable to the Government. After approving the voucher, the Government shall pay to the Operator 50 percent of the sum of such costs incurred; *Provided,* That the aggregate total of all sums paid by the Government under this agreement shall not exceed $3896.50, which is 50 percent of the agreed estimated total cost of this project, $7793.00.

12. *Accounts and audits.* The Operator shall keep suitable records and accounts of operations, which the Government may inspect and audit at any time. The Government may at any time require an audit of the Operator's records and accounts by a certified public accountant, the cost thereof to be treated as a cost of the project. The Operator shall keep and preserve said records and accounts for at least 3 years after the completion of the project or the termination of this contract.

13. *Progress reports.* The Operator shall provide the Government with monthly reports of progress in form and content satisfactory to the Government, and upon the completion of the project or termination of the contract shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government.

14. *Repayment by Operator.* If, upon the completion of the exploration project or termination of the contract, the Government considers that a discovery or development has resulted from the work from which commercial production of ore may be made, the Government, within 6 months thereafter shall so certify to the Operator, particularly describing and delimiting its estimate of the discovery or the development. Thereafter, if and as ore is produced as a result of such discovery or development, the Operator and his successor in interest shall be and become obligated to pay to the Government a percentage royalty on the net smelter returns or other net proceeds realized from such ore, concentrates, or metal produced within ten (10) years from the date of this contract, until the total amount contributed by the Government, without interest, is fully repaid or said 10 years have elapsed, whichever occurs first, as follows:

Of net smelter returns or other net proceeds not in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent.

Of net smelter returns or other net proceeds in excess of eight dollars ($8.00) per ton of ore: One and one-half (1½) percent, plus one-half (½) percent additional for each full fifty cents ($0.50) in excess of eight dollars ($8.00) per ton of ore, but not in excess of a maximum of five (5) percent.

This obligation to repay from net returns or proceeds shall be and remain a claim and lien upon the property which is the subject of the exploration project and upon any production resulting from such discovery or development, in favor of the Government, until fully paid, or until said 10-year period has elapsed; and this claim and lien and the Government's right to repayment shall survive any termination of the contract, whether by completion of the exploration project or otherwise. This article is not to be construed as imposing any obligation on the Operator or his successor in interest to produce ore from any such discovery or development.

15. *No assignment of contract.* Without the written consent of the Government, the Operator shall not assign or otherwise transfer or hypothecate this contract or any rights thereunder.

16. *Termination and completion.* The Government may, at any time, by written notice to the Operator, terminate this contract: (*a*) If the Operator fails to provide his share of the money necessary to prosecute operations pursuant to the terms of the contract; (*b*) if the Operator, in the opinion of the Government, fails to prosecute operations pursuant to the terms of the contract; or (*c*) if in the opinion of the Government, operations up to the time of the notice have not indicated the probability of making any worthwhile discovery and in the opinion of the Government further operations are not justified. Upon the completion of the project or any termination of the contract the Operator shall render to the Government a full and final accounting of his operations under the contract and his expenditures of money; shall dispose of any unused materials, supplies, and equipment for the joint account of the Operator and the Government in the proportion of their respective interests; and shall pay to the Government its pro-rata share of any money remaining.

Executed in ~~triplicate~~ sextuplet the day and year first above written.

(Operator)

By Chad Spor

THE UNITED STATES OF AMERICA

By

Director, Production Expansion Div.
Defense Minerals Administration

U. S. GOVERNMENT PRINTING OFFICE 16—64066-1

Docket DMA-519X

EXHIBIT "A"

The exploration work will consist of sinking a shaft to a depth of approximately 70 feet and drifting on the vein approximately 40 feet. A minor amount of surface stripping by a bulldozer will be done to establish the most advantageous location for the shaft. About one half mile of access road will be constructed.

A representative of DMA Field Team will assist applicant in selecting the shaft site.

COST SUMMARY

Access Road by contract		$ 250.00
Preliminary stripping by contract		200.00
Equipment and facilities		1,275.00
Repairs to living quarters		50.00
✓Compressor rental - 6 months	@ $200.00	1,200.00
✓Rock drill rental - 6 months	@ 40.00	240.00
✓Air hoist rental - 6 months	@ 73.00	438.00
✓Mine car rental - 6 months	@ 26.00	156.00
Cabin rental - 6 months	@ 12.00	72.00
70' Shaft (labor, powder, etc.)	@ 32.80 (ft.)	2,296.00
40' Drifting (labor, powder, etc.)	@ 24.90	996.00
Pump rental - 6 months	@ 90.00	540.00
Transportation of equipment		80.00
Total project cost		$7,793.00

EXHIBIT "B"

Headframe	$150.00
Compressor Shack	150.00
Ore bin	200.00
Culvert Pipe - (for road)	5.00
Total	$505.00

EXHIBIT "C"

A. Rental

Pump - 6 months	@ $90.00	$540.00
Air hoist - 6 months	@ $73.00	438.00
Total		$978.00

B. Purchase

Hoist buckets, hoist rope, track and switch, forge, anvil, small tools, drill steel, etc.	$560.00

C. Rented from operator

Portable air compressor - 6 months	@ $200.00	$1,200.00
Rock drill - 6 months	@ 40.00	240.00
Mine Car - 6 months	@ 26.00	156.00
Total		$1,596.00

EXHIBIT D

1 Miner	@ $1.75 per hour
1 Hoistman	@ 1.50 " "
2 Laborers	@ 1.25 " "

EXHIBIT "E"

Repairs to 2 cabins	$50.00

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. D.M.A. 519 X

Date received 5-21-51

Participation

Name and address of applicant

Johan. P. Holtermans.
337 1st Avenue
Salt Lake City Utah
Phone 9-6936.

Date 4-20-1951

FILL IN THIS BLOCK

Date of application 4-20-51 and one previous.

Estimated cost $ 11459.40

Mineral or metal Silver-lead

Percentage of Government participation 50%

Location of mine Wallace, Shoshone County Idaho

Date of filing MF-100

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?
*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.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
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)?

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

    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.
    (*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.
    (*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.
    (*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.

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 J. R. Williamson (Signature of authorized official)
(Date)	Asst. Secretary (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

Salt Lake 4-20-'51.

Applicant has already made an application for a prospecting loan but the engineers from the field team of Spokane said it was better to apply for an exploration loan

1. Applicant is a partnership

2 a. Johan P. Holtermann.
337 1st Avenue Salt Lake City
Utah Tel. 9-6936.

b Chas Spor.
Delta Utah Phone 281.

3 _____

4. Johan P Holtermann is an old Country civil engineer. Just about 3 years working experience
Chas Spor has a filling station at Delta Utah, had had a government loan before and paid it off. He has the market.

5. Johan P Holtermann is owner 25%
Chas Spor " " 25%.

6 These are none

7 _____

8 Asset is the mining property
Liabilities none.

9. John P. Hollerman furnished labor and the mine has spent equipment and money.

10 a and b are the same except that the cabins are outside the mining claim and rented

b "Open question" claim (1 claim) T13N R18E Custer County Idaho.

11. The name is "open question" (1 claim) There are no former names.

12 The "open question" is 6 miles west of Challis, Custer County Idaho. Shipping point is McKay Idaho 5½ miles from Challis 6½ miles from the mine. The road from the mine to Challis is a good gravel road (first class) from Challis to McKay is an oiled highway.

13. There is sufficient water by the cabins from a spring, all year round. It is 500 yards from the center of the claim. There is no power.

14. Living quarters are outside the claim and rented. There are 2 cabins without accommodations There are no other buildings.

15 Ore is shipped on the Railroad in McCoy. This is a haul of $4.50 per ton from the mine
No milling ore.

16 No previous exploration
No history; it is found by me in '49.
Assay is report.
92.3 % fluorspar
0.4 silica
No impurities
Assay is made by Pearson and Smith West Temple S.L.C.
Also by Glenbrook Steel.

17 _____

18. ? No operations.

19 _____

20 It is mined for fluorspar.

21. It is a project for 6 months.
70' shaft
40' tunnel at the bottom
1/2 mile road.
headframe
crusher
shack for compressor
living quarters fixed.

22. See previous application and reports of field-team from Spokane.

23 a 1 miner local wages $ 12.25

b 1 miner-supervisor. The average wages of a miner in the U.S. according to the statistics of the American Federation of Labor $ 16.80.

occasional helper by loading and unloading $ 10.-

c Repair Cabin $ 50.=

d Roof $ 500.
Headframe 150
Shed 200
Compr. shack 150 $ 1000.=

e _____

f _____

g. Compressor 6 x 200 = 1200.-
Jackhammer 6 x 30 = 180.-
Buggy 6 x 60 = 360.-
Hose, Pipe 6 x 30 = 180.-
Mine Car 6 x 15 = 90.-
Track 6 x 10 = 60.-
Cabin 6 x 12 = 72.- $ 2142.-

1 Powder	450.-
Fuses	15.-
Caps	10.-
Carbis	10.-
Mine lamps	10.-
Steel 2x2" 2x4'	50.-
Bits	50.-
Replacement	20.-
Waterline	15.-
Lumber (see d)	
Lumber	200.-
Nails, screws	20.-
Pump installation from headframe to adit	50.-
2 buckets	50.-
Wrenches	10.-
Single jacks	10.-
Double jacks	10.-
Picks	10.-
Shovels	5.-
Hoist cable	20.-
Mick market	20.-
100' hose	150.-
Gasoline	600.-
Motor and other oil	100.-
Grease	10.-
Oil lamp	30.-
Fuse	25.-
Coal	30.-
Spoil	15.-
Lengths of pump	15.-
Pipe for culvert in road	5.-
2 beds	30.-
2 mattresses	40.-
	$2065.-

Transport: $ 2085.—

blankets	30.—
2 stove (coal)	50.—
stove pipe	10.—
cooking and kitchen outfit	30.—
axe	5.—
carbo furnace stove	10.—
camp crew.	10.—
file	5.—
shelf & bench	5.—
vaches	15.—
blow pipe	5.—
gasoline lamp	10.—
	$ 2250.—

This is all inclusive transportation to Stellis and to the Barge.

L No power
Water is free.
Estimated costs.

Wages	150 × 16.80 =	$ 2520.—
	150 × 12.25 =	1837.50
	20 × 10 =	200.—
		$ 4557.50
Rent.		$ 2742.—
Tools, supplies		$ 22.50.—
		$ 9549.50
	20%	1909.40
		$ 11459.40

Expenses

1st month
Wages 826.25
Rent 457.—
Tools, supplies 2250.— $3533.25

2nd month
Wages 826.25
Rent 457.— 1283.25

3rd month
Wages 726.25
Rent 457.— 1183.25

4th month
Wages 726.25
Rent 457.— 1183.25

5th month
Wages 726.25
Rent 457.— 1183.25

6th month
Wages 726.25
Transp. back ?
Exploration ? } 2266.90 3092.15
Production ?

$. 11.459.40

Work schedule.

1st month.

Grade equipment
Install. "
Building road.
" " cabin
" " bathhouse
" " shack for cooks.
Erecting living quarters.

2nd month.

40' shaft.

3rd month

20' shaft.

4th month.

10' shaft
10' crosscut.

5th month

20' crosscut.

6th month.

10' crosscut
room exploration

Starting date June 1st

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 21 1951
LANDON F. STROBEL
Executive Secretary

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No.
Idm-E Idm-E73

Name of Operator J. P. Holtermans and Chad Spor
Docket No. DMA
Total Contract Amount $ 7793.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of November, 1951

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 2 0 1952

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

J. P. Holtermans & Chad Spor, Partners
(Name of Company)

By J. P. R. Holtermans (signed)
(Signature of Authorized Official)

(Date)

(Title)

NOTE.—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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]		52.03 ✓	52.03	✓ Supplies		
(b) Rented[2]						
Compressor	200.00 ✓	7				
Hoist	~~73.00~~					
Mine car	26.00	435.50				
Rock drill	40.00	~~508.50~~	847.50	701.50		
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities	~~6.89~~ X		~~6.89~~ X	0		
(b) Buildings						
(c) Installations						

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3]						
5. Supervision	364.00	897.00	1261.00 ✓			
6. Supplies						
(a) Timber						
(b) Explosives		60.00	60.00 ✓			
(c) Repair Parts		228.50 ~~238.50~~	228.50 ~~238.50~~			
(d) Other						
7. Power gas, oil	31.08	85.04	116.12 ✓			
8. Transportation town to mine						
9. Insurance	26.00	122.00	148.00 ✓			
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)		181.00	181.00 ✓			
1)	11.00					
cabin rent	10.00	47.00	68.00 ✓			
Total	787.97	2191.07	2979.04			
Deletions	708.03	2118.07	2826.15			
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by
Entered by
Approved by Thomas E Howard
Amount approved for payment
Remarks

1) expense for auditor for making reports

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF November 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising				1)						
Shafts	364.00	339.00	37.97	11.00		foot	12'	30'	42'	
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) cabin rent				10.00						
transportation town to mine				26.00						
Totals	364.00	339.00	37.97	47.00	788.08 787.97					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

1) salary for auditor
to make out reports

PROGRESS OVER THE MONTH OF NOVEMBER, 1951

This month we made 12 feet o f shaft and timbered the shaft so that it is easier to go down.

That we could not made more is due to:

Water hose every time frozen up

Skid blasted three times out

Hard rock

MF-104
(August 1951)

Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 1[illegible]-E 73

Name of Operator J. P. Holtermans and Chad Spor
Docket No. DMA
Total Contract Amount $ 7793.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of October, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

CERTIFICATION

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

J. P. Holtermans & Chad Spor, Partners By J. P. Holtermans
(Name of Company) (Signature of Authorized Official)

Nov. 1 '51 Partner
(Date) (Title)

NOTE.—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.

16—64068-3

U. S. BUREAU OF MINES
RECEIVED
NOV 2 6 1951
ALBANY, OREGON

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(a) Facilities						
(b) Buildings						
(c) Fixtures						
2. Operating Equipment:						
(a) Purchased[1]		52.03	52.03			
(b) Rented[2]						
Compressor	200.00					
H oist	~~73.00~~					
Mine car	26.00		435.50			
Rock Drill	40.00	169.50	~~508.50~~			
(c) Furnished by operator						
3. Rehabilitation and Repairs:						
(a) Facilities						
(b) Buildings						
(c) Installations						

16—64068-3

November 13, 1951

PROGRESS OVER THE MONTH OF OCTOBER, 1951.

Building lead frame

22 feet shaft (from 8 to 30 feet)

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(d) Fixtures						
4. Labor[3] Payroll	676.00	221.00	897.00			
5. Supervision						
6. Supplies						
(a) Timber	60.00		60.00			
(b) Explosives		238.50	238.50			
(c) Repair Parts						
(d) Other gas & oil	48.89	36.15	85.04			
7. Power						
8. Transportation from town to mine	27.00	95.00	122.00			
9. Insurance						
(a) Fire						
(b) Public Liability						
(c) Workmen's Compensation						
10. Contract Work						
11. Other (specify)		181.00	181.00			
cabin rent	10.00					
ommision from equipment purchased--Sept.	10.00	27.00	47.00			
Total	1170.89	1020.18	2191.07			
Deletions	-73.00					
Adjusted totals	1097.89					
Totals previously reported		1020.18				
Totals to date			2118.07	1097.89	1020.18	2118.07

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

NOTE.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by W R Lee
Entered by
Approved by Glenn O Reed
Amount approved for payment $ 5 K 8.94
Remarks

10—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF [illegible]

(Supply Data Below Applicable Only to Your Operations)

U. S. BUREAU OF MINES
RECEIVED
NOV 26 1951
ALBANY, OREGON

Item	Costs					Progress[4]				
	Wages[1] and salaries	Equipment[2]	Supplies	Other[3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts	[illegible]	266.00 ~~[illegible]~~	[illegible]	[illegible]	958.89 ~~[illegible]~~	feet	22	8	30	70
Winzes										
Drill holes										
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) [illegible]	[illegible]			[illegible]	[illegible]	dollars	112.00	—	112.00	150.00
[illegible]				[illegible]	[illegible]					
Totals	[illegible]	266.00 ~~[illegible]~~	[illegible]	[illegible]	1097.89 ~~[illegible]~~					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

[illegible] 20.00
[illegible] 10.00 [illegible]

MF-104
(April 1951)

Budget Bureau No. 42-R1036.
Approval expires 6-30-51.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts will be made from time to time.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 19 1952

CERTIFICATION

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

J. P. Holtermans and Chad Spor - partners
(Name of Company)

By J P Holtermans
(Signature of Authorized Official)

October 11, 1951
(Date)

Partner
(Title)

NOTE.—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.

16—64068-1

U. S. BUREAU OF MINES
RECEIVED
OCT 26 1951
ALBANY, OREGON

MONTHLY SUMMARY COST STATEMENT

Name of operator J. P. Holtermans & Chad Spor
Project No. DMA IDM-E73
Total contract amount $7793
Government participation percent 50

Distribution of Expenditures for Month of September, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals to Date
Wages and salaries	130.00	91.00	221.00			
Equipment purchase [1]	45.15	6.88	52.03			
Equipment rental [2]	169.50	-----	169.50			
Buildings						
Explosives	238.50	-----	238.50			
Repair parts						
Other supplies gas-oil	23.40	12.75	36.15			
Power						
Transportation	95.00	-----	95.00			
Withholding taxes						
Compensation insurance						
Other insurance						
Contract work	100.00	81.00	181.00			
Other (specify) cabin rent	10.00	17.00*	27.00			
*no tel. charge this month)						
Total	811.55	208.63	1020.18			
Totals previously reported	208.63					
Totals to date	1020.18					

FOR GOVERNMENT USE ONLY

Checked by J. Sanders
Entered by
Approved by Glenn A. Reed
Amount approved for payment 405.77
Remarks

[1] Enter total purchase price in month purchase is made.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.

16—64068-1

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF September, 1951

Name of operator J. P. Holtermans & Chad Spor
Project No. DMA IDM-E73
Total contract amount $7793.00
Government participation percent 50

Type	Number	Man-Shifts	Rate	Total
Miners	2	40 hours	$1.62½	$130.00
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent				
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
Total	2	40 hours	1.62½	130.00

Note.—Show only that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by BS
Entered by
Approved by Glenn A. Reed
Remarks

16—64068-1

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF _____

Name of operator _____
Project No. DMA _____
Total contract amount _____
Government participation, percent _____

Item	Costs					Progress				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract
Drifting										
Crosscutting										
Raising										
Shafts	130.00	45.15	23.40	169.50	368.05					
Winzes										
Drill holes			238.50		238.50					
Overburden										
Rehabilitation and preparation										
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails										
Test pits										
Other (specify) house rental, contract stripping, & transportation				205.00	205.00					
Totals	130.00	45.15	261.90	374.50	811.55					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.

16—64068-1 U. S. GOVERNMENT PRINTING OFFICE

U. S. BUREAU OF MINES
RECEIVED
OCT 26 1951
ALBANY, OREGON

FOR GOVERNMENT USE ONLY

Checked by _____
Entered by _____
Approved by Glenn A. Reed
Remarks _____

PROGRESS REPORT

Eight (8) feet of shaft have been sunk on the approved site of the Open Question Mining Claim.

All necessary stripping for the ore bin has been completed.

An air compressor, hoist and mine car, rock drill, rail, air line and all expendables are now on the property (Open Question Mining Claim).

Standard Form No. 1034a—Rev.
Form approved by
Comptroller General, U. S.
May 26, 1938
(Amended August 15, 1941)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. _____
Bu. Vou. No. DMA-13

GENERAL ACCOUNTING OFFICE PREAUDIT
Certified for payment in the sum of $_____
Comptroller General of the United States
By _____

U. S. Department of the Inerior, Bureau of Mines
(Department, bureau, or establishment)

Voucher prepared at Albany, Oregon 9/28/51
(Give place and date)

THE UNITED STATES, Dr.,

To J. P. Holtermans and Chad Spor, Partners
(Payee)

Address P.O. Box 104, Hailey, Idaho

Payee's Account No. I-dm-E73

PAID BY
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	Articles or Services (Enter description, item number of contract or general supply schedule, and other information deemed necessary) Terms ____% Discount Cash ____ days	Quantity	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
		Brought forward from continuation sheet(s)					
	8/1/51 to 8/31/51	Per attached certified Form MF-104, dated 9/1/51				104	32

Shipped from _____ to _____ Weight _____ Government B/L No. _____ Total 104 32

(Payee must NOT use this space)
Differences _____
Account verified; correct for 104 32
(Signature or initials) _____

Contract No. Idm-E73 Date 7/23/51 Req. No. _____ Date _____ Invoice Rec'd _____

104.32

MEMORANDUM

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n or Proj't *Amount*	Appropriation *Amount*
14X4401	Revolving Fund, Defense Production Act, Interior.	104.32	104.32

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. _____ dated _____, 19____, for $_____ } on Treasurer of the United States in favor of payee named above.
{ Cash, $_____, on _____, 19____, Payee _____ }
(Sign original only)

* When a voucher is signed or receipted in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer", as the case may be.
† If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the blank space below "Approved for $_____", and over his official title.

Per _____
Title _____

16—22900a-1

METHOD OF OR ABSENCE OF ADVERTISING

(Section 3709 of the Revised Statutes)

1. After advertising in newspapers.
2. (*a*) After advertising by circular letters sent to _____ dealers.

   (*b*) And by notices posted in public places.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made. The notation on the certificate on the face of the voucher must be "2(*a*) (*b*)" or "2(*a*)", depending on whether or not notices were posted.)

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with _____
5. Without advertising, it being impracticable to secure competition because of _____

_____

_____

_____

_____

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, Supplement No. 6, General Accounting Office, Aug. 20, 1930.)

U.S. GOVERNMENT PRINTING OFFICE: 1946 O-88934

16—22900-1

MF-104
(August 1951)
April

13
Budget Bureau No. 42-R1036.2.
Approval Expires 6-30-52.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Contract No. Idm-E 73

Name of Operator J. P. Holtermans & Chas. Spor
Docket No. DMA Idm-E73 - Amo 519 X
Total Contract Amount $ 7793.00
Government Participation: 50 % Amount, $
Distribution of Expenditures for Month of August, 1951

STRATEGIC AND CRITICAL MINERAL EXPLORATION PROGRAM
OPERATOR'S MONTHLY PROGRESS REPORT

Operators are to submit monthly reports to the designated field representative of the Defense Minerals Administration. Reports are to be submitted in quadruplicate prior to the 15th day of the month following the reporting period.

Narrative.—A concise narrative description of progress made, results accomplished, and any unusual difficulties encountered is to be furnished.

Maps.—Wherever possible, the narrative is to be illustrated with maps or sketches showing formations penetrated and location and assays of samples taken as well as advances in workings. In the case of diamond drilling or churn drilling, the location and inclination of holes is to be shown on a map; logs and assays also are to be submitted.

Cost Accounts.—All applicable parts of this form are to be filled in. This report will form the basis for payments of the Government's participating share of expenses. Audits of accounts may be made from time to time.

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
MAR 10 9 00 AM '52

CERTIFICATION

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

J. P. Holtermans & Chad Spor, Partners
(Name of Company)

By /S/ ~~A~~ J. P. Holtermans
(Signature of Authorized Official)

September 1, 1951
(Date)

Partner
(Title)

NOTE.—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.

16—64068-3

MONTHLY SUMMARY COST STATEMENT

List as Shown on Exhibits Attached to Contract

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
1. Fixtures and Improvements:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Fixtures						
2. Operating Equipment:						
(*a*) Purchased[1]						
(*b*) Rented[2]						
(*c*) Furnished by operator						
3. Rehabilitation and Repairs:						
(*a*) Facilities						
(*b*) Buildings						
(*c*) Installations						

MONTHLY SUMMARY COST STATEMENT

Distribution of Expenditures for Month of August, 1951

Item	Monthly Total	Totals Previously Reported	Totals to Date
Wages and salaries	91.00	91.00	
Equipment purchase	6.88	6.88	
Equipment rental			
Buildings	10.00	10.00	
Explosives			
Repair parts			
Other supplies gas-oil	12.75	12.75	
Power			
Transportation			
Withholding taxes			
Compensation insurance			
Other insurance			
Contract work	21.00	21.00	
Other (specify) (a)	7.00	7.00	
TOTAL	208.63	208.63	
Totals previously reported	none	none	
Totals to date	208.63	208.63	

(a) = 4 calls between Della, Wash. and Challis.

DISTRIBUTION OF WAGES AND SALARIES FOR MONTH OF August, 1951

Type	Number	Man-Shifts	Rate	Total
Miners	1	52 hours	$1.75	$91.00
Muckers				
Trammers				
Timbermen				
Pumpmen				
Hoistmen				
Surface				
Samplers				
Assayers				
Shift bosses				
Mechanics				
Electricians				
Blacksmiths				
Carpenters				
Drill runners				
Drill helpers				
Teamsters				
Manager				
Superintendent				
Engineers				
Geologists				
Bookkeeper				
Foreman				
Clerks				
Stenographers				
Other				
TOTAL				$91.00

MONTHLY SUMMARY COST STATEMENT—Continued

Item	Monthly Total	Totals Previously Reported	Totals to Date	For Government Use Only		
				Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(*d*) Fixtures						
4. Labor [3]						
5. Supervision						
6. Supplies						
(*a*) Timber						
(*b*) Explosives						
(*c*) Repair Parts						
(*d*) Other						
7. Power						
8. Transportation						
9. Insurance						
(*a*) Fire						
(*b*) Public Liability						
(*c*) Workmen's Compensation						
10. Contract Work						
11. Other (specify)						
Total						
Deletions						
Adjusted totals						
Totals previously reported						
Totals to date						

[1] Enter amount paid during month toward total purchase price.
[2] Payments for rental of equipment or prorated depreciation on equipment owned by contractor.
[3] Submit copy of the Social Security form filed under the Old Age Insurance system showing complete wage and salary data or furnish copy of payroll sheet giving same data.

Note.—Indicate that portion of supervisory, office, and engineering salaries that is chargeable to this project.

FOR GOVERNMENT USE ONLY

Checked by _____

Entered by _____

Approved by _____

Amount approved for payment _____

Remarks _____

_____

_____

16—64068-3

EXPLORATION UNIT COST AND PROGRESS REPORT FOR MONTH OF August, 1951

(Supply Data Below Applicable Only to Your Operations)

Item	Costs					Progress [4]				
	Wages [1] and salaries	Equipment [2]	Supplies	Other [3]	Total	Unit	Units this month	Units previously reported	Units to date	Units authorized by contract (Exhibit A)
Drifting										
Crosscutting										
Raising										
Shafts										
Winzes										
Drill holes										
Overburden										
Housing Rehabilitation and preparation	29.75		b10.00		39.75					
Geology and geophysics										
Trenching										
Sampling and assaying										
Roads and trails	61.25	6.00	12.75	a81.00	161.88					
Test pits										
Other (specify)				c 7.00	7.00					
Totals	91.00	6.00	22.75	88.00	200.63					

[1] Prorate supervisory, engineering, and office salaries in proportion to man-shifts of direct labor.
[2] Prorate charges for equipment that is not exclusively for one type of job (such as compressors) against authorized units of work in each category.
[3] Where entries in the "Other" column (above) are more than 25 percent of the total expenditures, a breakdown of this item should be made.
[4] Specify whether feet, cubic feet, acres, miles, etc.

16—64068-3 U. S. GOVERNMENT PRINTING OFFICE

a = contract for bulldozer
b = rent
c = 4 calls between Della and Challis

C
O
P
Y

Dulle 519 X

Challis, Sept. 1, 1951

Mr. Howard

Mr. Weissenborn

During the month of August we made about 1/2 mile road on the south slope of the hill and fixed the living quarters.

Yours truly,

A. P. Holtermann (signed)

[redacted] [redacted] [redacted] X Actual Cost

[redacted] Analysis as of 12-6-54 [ ] Agreed Unit Costs

Incl. Voucher for ~~3-30-52~~ Nov 1951

Name John P. Holtermans and Chad Spor -partners Docket No. 519

State Idaho Commodity Flourspar IdaF No. 73

OPERATION	AUTHORIZED Units	AUTHORIZED Costs	COMPLETED Units	COMPLETED Costs	NET COST
Drifting & Crosscutting	40 ft	$2364.00	-0-		
Tunneling					
Shafts	70 ft	3664.00	4	$2432.52	$2432.52
Winzes					
Drilling (Specify)					
Surface Excavation		$700.00		$195.00	$195.00
Underground Excavation					
Roads and Trails		$250.		$168.88	$168.88
Operating Equipment Purchased		$560.00			
Surface Rehabilitation & Repairs		50.00		$29.75	$29.75
Underground Rehabilitation					
New Building, Improvements, etc.		665.00			
Other (Specify) Cabin rent		$40.00			
Totals		$7793.00		$2826.15	$2826.15

Prepared by Keating

Aug. –	Rehab + Rpirs.	29.75
	Roads + Trails	168.88
	Cabin Rent	10.00
Sept –	Surface Stripping	195.00
	Cabin Rent	10.00
	Shaft.	606.55
Oct –	Shaft	1087.89
	Cabin Rent	10.00
Nov –	Shaft	698.08
	Cabin Rent	10.00
		2826.15

Totals	Rehab + Rpirs	29.75 ✓
	Roads + Trails	168.88 ✓
	Surface Stripping	195.00 ✓
	* Shaft	2392.52
	Cabin Rent	40.00
		2826.15

* 701.50 Equip Rental

COPY

March 4, 1955

Memorandum

To: Jay L. Chambers

From: Lawrence G. Houk (initialed) L. G. H.

Subject: Closing dockets

The Nonmetallic Minerals Division have reviewed the following contracts and do not intend to make certifications of discovery or development:

Idm-E52	DMEA-1212	Idm-E	DMEA-
40	1213	217	1969
13	1679	244	1955
73	519	253	2134
74	1390	257	2077
78	1664	272	2360
93	812B	288	2344
97	1224	324	2255
121	1517	344	2156
124	1318	373	2439
125	1720	411	2528
129	1665	430	2524
134	1732	433	2620
140	1813	444	2646
179	1122	450	2681
180	1250	480	2725
191	1914	497	2778
195	1812	507	2840
198	1929	518	2785
211	1721	524	2909
216	2104	543	2950
		565	3030

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

1201 N. Division St.
Spokane 2, Washington
December 15, 1953

Mr. J. P. Holtermans
P. O. Box 104
Hailey, Idaho

Subject: Information on J. Simplot fluorspar exploration

Dear Mr. Holtermans:

This will acknowledge receipt of your inquiry of December 2, 1953 for information on the results of diamond drilling on the J. Simplot fluorspar claims which adjoin your own.

We regret that present regulations do not permit the Field Team to make public the results of exploration work conducted under DMEA contracts.

If we can be of assistance in any other respect please let us know.

Sincerely yours,

Thomas E. Howard
Acting Member, DMEA Field Team
Region II

cc: DMEA, Wash. (2)
USGS (2)

(Note: Holtermans was the Operator under Contract Idm-E73, Docket No. DMEA 519 (fluorspar.)

Hailey
Dec. 2, 1953

Bureau of Mines
Spokane
Washington

Dear Sir:

Undersigned J. P. Holtermans, Postbox 104, Hailey, Idaho owner of three claims 6 miles west of Challis (fluorspar) should like to know the results of the diamond drilling on the J. Simplot property on Woodchopper's Butte also 6 miles west of Challis which ground is adjoining mine.

Hoping to hear something from you, I sign

J. P. Holtermans
P. O. Box 104
Hailey, Idaho

C O P Y

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.
So. 157 Howard Street
Spokane 4, Washington

June 9, 1952

Mr. Frank E. Johnson
Chairman, Operating Committee
Defense Minerals Exploration Administration
Department of the Interior
Washington 25, D. C.

Re: Docket DMA-519
Contract Idm-73
Open Question Fluorspar Prospect
Challis, Idaho

Dear Mr. Johnson:

Enclosed are an original and three copies of a final report on the Open Question Fluorspar Prospect, Challis, Idaho, by R. E. Wallace, U. S. Geological Survey.

The project was terminated at the request of the Operators and the consent of the Field Team, Region II.

The Field Team recommends that a Certification of a Discovery not be made as there is very little evidence that production of fluorspar will result from the exploration.

A final audit of the partnership's books have been made and accepted.

By DMEA Field Team, Region II

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 13 1952

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin, Member
(U. S. Bureau of Mines)

Enclosures
cc: USBM, Albany
USBM, Spokane
USGS (SRO)

FINAL F.T. Rpt.

SLS
6-23-52

OFFICE OF THE ADMINISTRATOR

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 13 1952

So. 157 Howard Street
Spokane 4, Washington

May 16, 1952

Memorandum

To: A. E. Weissenborn, Executive Officer, DMEA
Field Team, Region II

From: R. E. Wallace, Geologist, U. S. Geological Survey

Subject: Open Question Fluorspar Prospect, Challis, Idaho. Field examination May 2, 1952.

The operators of the Open Question fluorspar prospect closed down operation on May 2, and are terminating their DMEA contract. This report is to record the status of the prospect at that time and to further evaluate the property geologically. Mr. Robert Hull audited the company's books on May 2 and is making a separate report.

Reasons for Ceasing Operations

From conversation with Mr. George Spor, son of Chad Spor one of the partners, I gathered that operations were closed down for two main reasons:

1. That ownership rights were found to be uncertain and confused.

2. That at a depth of 46 feet in the project shaft extremely hard ground was found which made shaft sinking difficult. Also the fluorspar vein was narrower in this hard country rock.

Ownership Question

According to Mr. George Spor, his father and brothers became interested in the Open Question prospect in June 1951, when they first visited the property and bought a half interest for $300 from Mr. John P. Holtermans, the presumed sole owner. Together with Holtermans, Chad Spor applied for and obtained a DMEA loan. The Spor's were to supply the funds to be matched by the government.

Reviewed by
DMEA OPERATING COMMITTEE

6-20-52
(date)

This spring (1952) after starting work under the government contract, the Spor's discovered that the property had been staked twice in 1951, first by Mr. Holtermans and two partners, Tom Kostis and a Mr. Kramer, in February of 1951. On May 4, 1951, Mr. Holtermans restaked the claim under his name alone, and on this basis sold half interest to the Spor's. George Spor reported that the original claim notices of the three partners were on the posts as well as Mr. Holtermans' later notices. On May 3, 1952, I found only Mr. Holtermans' notice of May 4, 1951, on the discovery post and none on the southwest corner post, but I did not examine the other posts.

During the original Field Team examination made April 26, 1951, Howard and Campbell found that Holtermans' claim had not been recorded and were also led to believe that a Mrs. Denny held a 25 percent interest in the property. Mr. Howard wrote Holtermans on May 1, 1951, advising him that there was a question of ownership, and apparently Holtermans immediately placed the notices dated May 4, 1951, which are now on the property.

Mr. Holtermans was said to have left Challis with several unpaid bills and loans.

Progress of Work under DMEA Contract

At the time of this examination an access road had been bulldozed to the shaft site.

The vein had been stripped for a distance of about 70 feet, as had been an area about 10 feet wide on either side of the vein.

The shaft had been sunk to a depth of 46 feet below the collar, and several hundred pounds of fluorspar had been recovered by hand sorting and piled by the shaft.

A road had been constructed to a point south of the shaft and a drift had been started there, but work on the drift was stopped because no provision had been made in the DMEA contract for such work.

Some work, apparently prior to contract work, had been done on the bedding-plane veins 220 feet east of the shaft.

Geology

At the Open Question prospect, fluorspar is in veins and veinlets, which strike north and dip steeply either east or west. Fluorspar also occupies fractures and irregular spaces in a brecciated, dolomite bed. The country rock has been mapped as Bayhorse dolomite of Cambrian age by C. P. Ross (1937). On the Open Question claim

there are grey to buff-colored, limestone-breccia beds, dark-grey to brown silicified-dolomite beds, thinly-laminated argillites, limey argillites and massive, buff-colored, dolomite beds. The limestone breccias are relatively homogeneous as the matrix and fragments are of similar material. This is not an "open" breccia as all interstices are filled.

These strata are warped into an open syncline, the axis of which strikes north northeast. The steepest dip on the flanks of the syncline is about 15 degrees. Irregularity and indistinctiveness of the bedding planes makes it difficult to determine attitudes exactly.

On other ridges in the immediate vicinity thick sections of Tertiary, Challis volcanics are present and very likely overlay these dolomite beds unconformably at one time. It is conceivable that the present erosion surface is not far below the former surface of unconformity, and this relationship may have had a bearing on localization of the fluorspar veins; that is, if the fluorspar was deposited after the period of vulcanism, the volcanics may have formed a dam to impede the upward flow of mineralizing solutions, and thus aided precipitation of fluorspar in the dolomites. The principal local control, however, seems to have been the openness and size of the channel through the dolomite beds.

Veins

The fluorspar vein upon which the shaft was sunk is slightly over 100 feet long, strikes almost north and dips steeply. Massive, coarsely-crystalline fluorspar, in shades of pale purple, green and colorless, form veins up to 6 inches wide. Details of attitude are shown on the accompanying map and diagram of the shaft.

Fluorspar appears to have been deposited in open spaces developed along minor faults and joints. Crystals grow from each wall but in a few places do not completely fill the cavity. In the vugs left good crystal faces are developed on the fluorspar. Contacts between the fluorspar and dolomite are sharp and do not suggest much replacement.

In the diagram of the shaft wall a pattern of the vein can be seen which suggests that the main vein fills a fault, the west wall of which moved relatively downward. The branching veinlets in the upper portion and the relatively narrow part of the main vein where it dips west in the lower part of the shaft are evidence for this type of displacement.

Southeast of the main vein at several other places small veinlets, a fraction of an inch to an inch wide, fill fractures in the dolomite.

Two hundred and twenty feet almost due east of the shaft, prospect holes have been dug on fluorspar veins which follow bedding in a general way. Veins up to a few inches thick follow bedding and numerous veinlets fill irregular fractures in the beds of dolomite. The particular bed in which the veins developed appears to have had cavities, perhaps solution cavities, in addition to the openings developed by shattering. The fluorspar coats the openings and good cubic crystal faces of fluorspar are developed.

Simplot Prospect Adjacent to the Open Question Claim

Simplot and Co., operators of Meyers Cove fluorspar mine in central Idaho, own a fluorspar claim just west of the Open Question claim. The geology of this deposit has a bearing on the Open Question prospect inasmuch as it is so close, and a brief description is given here.

The sketch map of this prospect, which accompanies the report, is strictly a sketch and all measurements were eye estimates. A fault surface forms the southwest face of the main bulldozed cut and is a very regular plane which dips steeply northeast. A vein of fluorspar 2 to 6 inches wide follows the fault. Slickensides on the fault surface plunge about 10 degrees to the southeast. About 8 feet northeast of the fault is the widest vein yet exposed. Fluorspar predominates in a body about 4 feet wide, which appears to dip steeply toward the fault.

In all, bulldozing has exposed a zone of fluorspar veins over 60 feet long and about 20 feet wide at the widest point. The vein system terminates rather abruptly on the northwest and apparently against a fault. Exposure of the fault was poor, however, and the relationship was not clear.

The floor of the bulldozed cut is composed of pink, unconsolidated material which was thought to be andesitic in composition. Whether this represents crushed dike material or a weathered remnant of some Challis volcanic flow was not determined. It is conceivable that mineralization developed in fractured Bayhorse dolomite just below an unconformity above which were Challis volcanics, but further study is necessary before such an analysis would be warranted.

Other Fluorspar Localities

Other fluorspar veins are reported a quarter to a half mile southwest of the Open Question prospect, several hundred feet higher on the mountainside. On Keystone Mountain about 3 miles southwest of the Open Question prospect, Mr. Art Chambers of Challis has staked a claim over an outcrop of white finely crystalline fluorspar, which he believes to be a replacement of dolomite.

None of these localities were visited.

Potentialities of Prospect

The abundance of fluorspar veins in the general vicinity of Challis, Idaho provides encouragement for further prospecting, because with fluorspar so common it would seem likely that somewhere in the region optimum conditions should have been present for a deposit of commercial grade and size to have been developed.

The Open Question vein, although not of commercial size as now exposed, may possibly be wider at depth, yet there is some suggestion that the limestone breccia bed in which the vein has been best developed where seen at the collar of the shaft may be the most favorable host rock of any within a few hundred feet of the surface. The vein is narrower where it crosses the silicified dolomite at the bottom of the shaft, although the change in dip may have had more effect than the host-rock type.

Robert E. Wallace

R. E. Wallace
Geologist

cc: USBM-Spokane
USBM-Albany
USGS (SRO)

M. E. Volin, Member, DMEA Field Team, Reg. II May 20, 1952

T. E. Howard, mining engineer, Bureau of Mines

Routine inspection, Open Question Fluorspar, Idm-E73, Docket No. 519X, (fluorspar) - Custer County, Idaho

The subject inspection was made April 24, 1952, with Holtermans, one of the partners.

Work was resumed after the winter shutdown on April 22, 1952, and the shaft had been advanced 5 feet to a total depth of 46 feet. Though no timber has been used, no sloughing occurred during the winter and no repair was necessary.

Orig. to files
cc: USGS
2 cys - Wash.
TEH

T. E. Howard

MW Hook
R 463-7

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

May 13, 1952

Memorandum

To: Mr. Stanley M. Walker, Chief Facilities Section
Mining Requirements Division, DMPA

From: Frank E. Johnson, Chairman, Operating Committee, DMEA

Subject: Status of Certain Exploration Applications and Projects Involving Access Road Applications.

With reference to your memorandum of May 2, 1952, the information requested is given below:

DMA-363, U. S. Oil & Development Corp., Galtis Bay Mine — Application denied November 6, 1951.

DMA-606, U. S. Oil & Development Corp., Henrietta Mine, Contract No. Idm-329. Project not in operation due to winter conditions. Expected to reopen next month.

DMA-1111, (AR-19) Treasure Mountain Gold Mining Co., Inc., Contract No. Idm-3135. Work has been stopped for the winter. Expected to reopen next month.

DMA-473 (AR-23) Bonita Mining & Development Co., Inc., Contract No. Idm-538. Terminated 10/31/51. No ore discovered.

DMA-991 (AR-13), Tungstar Corporation. Contract No. Idm-3149. Operations not started due to weather. Operator has requested transfer of project to Hanging Valley Mine. Advised this could not be done but would require new application for Hanging Valley Mine. Operator has not decided to do this or go ahead with the Tungstar Mine project.

DMA-519 (AR-27) A. R. Holtermann, Contract No. Idm-273. Presently sinking shaft. Has not reached main ore horizon.

DMA-621, General Teller Mines. Application denied 10/18/51.

DMA-2044 (AR-91) Harry E. Briggs (Red Cloud Mine), Contract Idm-3279. Work starting next month.

AR-89, Deer Creek Mining Co. Application for exploration assistance has not been filed. Copy of Field Team's report on Access Road application has been forwarded to you under separate cover.

DMA-1940 (AR-81), Ray Ainsley (Last Chance Mine). Application for exploration assistance withdrawn 2/20/52.

DMA-766 (AR-92), Long Canyon Mining Company. Will file new application.

Chairman, Operating Committee

FKJohnson:pa
5-12-52

cc: Admr. Reading Files
R&R
Mr. Moulds
Mr. Selfridge
Mr. Houk
Mr. Ellis
FKJohnson
Operating Committee

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

So. 157 Howard Street
Spokane 4, Washington

April 29, 1952

MEMORANDUM

To: Field Team, Region II

From: Elton A. Youngberg, Geologist, U. S. Geological Survey

Subject: Inspection of Holtermans Fluorspar, Challis, Custer County, Idaho.

The property was visited April 25, 1952.

The work in progress at the time of the examination consisted of sinking a shaft on a fluorspar vein on the Open Question claim. The shaft was at a depth of 46 feet.

The fluospar vein at the surface was 3-12 inches wide and dipped 70-80° to the east. As the vein was followed down the dip increased to vertical and reversed to 70-80° to the west at 46 feet. The vein pinched to 2-4 inches in the vertical portion and is 8-10 inches in width at the present bottom of the shaft. There is no indication that the vein will widen materially until it intersects the flat mineralized structure which is expected to be encountered at 70 feet.

Elton A. Youngberg

cc: USBM
DMEA ✓

Contracts + Audit

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

February 15, 1952

DMEA 519

Memorandum

To: Chairman, Operating Committee
Defense Minerals Exploration Administration

From: Field Team, Region II

Subject: Amendment No. 2 to Exploration Project Contract Idm-E73
John P. Holtermans and Chad Spar
P. O. Box 104
Hailey, Idaho

Enclosed are the original and two copies of the subject amendment.

Verne C. Fryklund, Jr.

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

Enclosures

cc: USBM-Spokane

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 19 1952

519

IDAHO

CUSTER COUNTY

February 1, 1952

J. P. Holtermans and Chad Spar, Idm-E73, Fluorspar

(Open Question)

50-50 of $7793.00

8 months

The exploration consists of sinking a 70 foot shaft and drifting 40 feet on a narrow fluorspar vein. The Junction of this vein with another flatter dipping vein will be tested by the program.

After 30 feet of shaft were sunk, the operation was recessed until spring. The vein in the shaft is too narrow and low-grade to be considered ore. The junction of the two veins where improvement in both grade and width is hoped for, has not been reached.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

So. 157 Howard Street
Spokane 4, Washington

January 18, 1952

Certifying Officer
DMEA Field Team, Region II
U. S. Bureau of Mines
Albany, Oregon

Re: Docket No. DMA 509 (fluorspar
Open Question Fluorspar Prospect
Holtermans and Spor, Partners
Custer County, Idaho
Contract No. Idm-E73

Dear Sir:

The subject contract has been terminated by mutual agreement before completion of the work. The requirement of a final report from the Operator on results of the work performed is hereby waived by the Executive Officer.

As all contract requirements have been met and as the Government has no equity in equipment, materials or supplies, it is requested that the Operator's final invoice be accepted for vouchering and payment.

Sincerely yours,

A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region II

cc: DMEA (2)
USBM (2)

400
FILE COPY
SURNAME:

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

OCT 31 1951

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA No. 519
Johan P. Holtermans and
Chad Spor, Partners.
Exploration Project Contract
Idm-873
Amended: October 16, 1951

Gentlemen:

Enclosed for recording in your office is the original of an amendment to the Exploration Project Contract between the Operator named in the above reference and the Government of the United States.

Sincerely yours,

(signed) FRANK E. JOHNSON (fw) 10/31

Acting Director
Production Expansion Division

Enclosure - 1

PBBlakemore/hmj
Typed: 10-30-51

cc to: Reports and Records
Adm. Reading File
PED
Docket
Mr. Blakemore

DEFENSE MINERALS
ADMINISTRATION
WASHINGTON, D. C.
OCT 29 10 35 AM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

DEPARTMENT OF THE INTERIOR
RECEIVED
OCT 29 1951
Defense Minerals Administration,
Production Expansion Division.

October 24, 1951

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Re: Open Question Fluorspar property
DMA Docket 519
Idm-E73

Dear Mr. Mittendorf:

Enclosed are the original and two copies of Amendment No. 1 which are to be attached to copies of the subject contract.

Very truly yours,

Thor H. Kiilsgaard

Thor H. Kiilsgaard
For: A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

AIR MAIL

Mr. A. E. Weissenborn
Executive Officer, Region II
DMA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-519Y, Fluorspar
Idm-E73, Montana
J. P. Halterman and Chad Spor
P.O. Box 104, Hailey, Idaho

Dear Mr. Weissenborn:

Enclosed are two copies of the subject exploration contract which have been signed by the Operator and for Government, one of which is for your files and the other to be mailed to the Operator.

The copy for the Field Finance Officer of Region II has been handed to the Chief, Finance Section for recording and mailing to the Field Office.

Sincerely yours,

P. G. Mittendorf

G. D. Mittendorf, Director
Production Expansion Division

Enclosures-2

PBBlakemore/jem
8-20-51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf-Olund
Barr
Blakemore
Field Team - Region II
Docket

FILE COPY
SURNAME:

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

Blakemore
Mittendorf

AUG 28 1951

G. E. C.

Contract Service Section
General Accounting Office
Washington 25, D. C.

Re: Docket DMA 519X
Exploration Project Contract
Idm-E73
J. P. Holtermans and Chad Spor
Hailey, Idaho

Gentlemen:

Enclosed for recording in your office is the original, signed copy of an Exploration Project Contract executed between the operator named in the above reference and the Government of the United States.

Sincerely yours,

BJ 8/28

C. O. Mittendorf (J.H.)

C. O. Mittendorf, Director
Production Expansion Division

Enclosure-1

PBBlakemore/bjs
8/20/51
cc to: Adm. Reading File
Reports & Records
MR. Mittendorf, Mr. Olund
Mr. Blakemore
Docket copy
Chron. copy

FILE COPY
SURNAME:

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

AIR MAIL

AUG 22 1951

Johan P. Helltermans and Chad Spor
P. O. Box 104
Hailey, Idaho

Re: Docket No. DMA-519X, Fluorspar
Idm-E73
Bayhorse District, Montana

Gentlemen:

In a few days you should receive your copy of the subject Exploration Contract which has been signed for Government.

This contract is your authority to proceed with the work specified therein.

Enclosed with your Quit Claim Deed are, 5 Monthly Report forms MF-104, which you must submit in quadruplicate, in accord with the instructions on the front page. These reports are vouchers from which Government makes payment to you for its share of the exploration expense. Additional forms may be obtained from the Spokane, DMA Field Office.

If further assistance is needed, communicate with Executive Officer, DMA Field Team, South 157 Howard Street, Spokane, Washington.

Sincerely yours,

C. O. Mittendorf BJ 8/22

C. O. Mittendorf, Director
Production Expansion Division

Enclosures

PBBlakemore/jem
8-20-51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf-Olund
Barr
Blakemore
Weissenborn, Region II
Contract Service Sec., GAO
Docket

400

FILE COPY
SURNAME:

Blakemore
Mittendorf

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

AIR MAIL

AUG 22 1951

A. E. C.

Mr. A. E. Weissenborn
Executive Officer, Region II
DMA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMA-519X, Fluorspar
Idm-E73, Montana
J. P. Haltermans and Chad Spor
P.O. Box 104, Hailey, Idaho

Dear Mr. Weissenborn:

Enclosed are two copies of the subject exploration contract which have been signed by the Operator and for Government, one of which is for your files and the other to be mailed to the Operator.

The copy for the Field Finance Officer of Region II has been handed to the Chief, Finance Section for recording and mailing to the Field Office.

Sincerely yours,

C. O. Mittendorf (J. W.) BJ 8/22

C. O. Mittendorf, Director
Production Expansion Division

Enclosures-2

PBBlakemore/jem
8-20-51

cc to: Adm. Reading File
Reports & Records
Messrs. Mittendorf-Olund
Barr
Blakemore
Field Team - Region II
Docket

FILE COPY
SURNAME:

Mittendorf (PEX)

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

C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration x 5371

1/20137 Salaries and Expenses
Defense Production Activities, Interior,
"100(400)"

August 17, 1951

Haltermans Johan P.

MR. A. E. WEISSENBORN
EXECUTIVE OFFICER
DMA FIELD TEAM, REGION II
SOUTH 157 HOWARD STREET
SPOKANE, WASHINGTON

EXPLORATION CONTRACT DMA 5129X, HALTERMANS-SPOR SIGNED TODAY.

C. O. Mittendorf

C. O. MITTENDORF, DIRECTOR
PRODUCTION EXPANSION DIVISION

PBBlakemore/meh
cc to: Reports and Records
Mr. Mittendorf, Olund
Mr. Blakemore
Docket

Have Mr Mitt Sign

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
1201 N. Division St.
Spokane 2, Wash.

August 15, 1951

VIA AIR MAIL
SPECIAL DELIVERY

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Re: Exploration contract
DMA 519X, Fluorspar,
Idm-E73

Dear Mr. Mittendorf:

Enclosed are six (6) copies of the subject contract which have been signed by the operators in the presence of a DMA staff member.

All copies are being returned for your signature which apparently was inadvertently omitted, inasmuch as your letter received here July 27 stated that the copies had been signed.

As the operators are ready to start work, commencement will be facilitated if you will wire A. E. Weissenborn as soon as the contract is signed and in force.

Sincerely yours,

Wire Weissenborn

M. E. Volin
Member, DMA Field Team
Region II

Enclosure

Mr. Peakemore

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 4, Washington

July 31, 1951

Mr. C. O. Mittendorf, Director
Production Expansion Division
Defense Minerals Administration
Washington 25, D. C.

Dear Mr. Mittendorf:

So far we have been unsuccessful in contacting Mr. Johan P. Holterman in order to have him sign the exploration contract for the open question fluorspar property, docket DMA-519X. We did contact his home in Salt Lake, but his family evidently speaks English with difficulty and we were unable to get much information as to his whereabouts. We are continuing to try, however, and will contact him just as soon as possible.

Sincerely yours,

A. E. Weissenborn xb

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

P.S. Holterman contacted by telephone on August 1, and arrangements were made to have him sign a contract during the forthcoming week. Mr. Tom Howard of the U. S. Bureau of Mines will take the contract to Hailey during a routine field trip where the signature will be obtained.

FILE COPY
SURNAME: Mittendorf

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

JUL 27 1951

Mr. A. E. Weissenborn
Executive Officer
Region II
South 157 Howard Street
Spokane, Washington

Re: Docket DMA 519-X Fluorspar
Idm-E73
Johan P. Holtermans and
Chad Spor

Dear Mr. Weissenborn:

Please find herewith six (6) copies of contract for subject exploration project. We have signed the contract for the Government and the contract bears register serial number Idm-E73 and effective date of July 23, 1951.

The contract is to be signed by the Operators in the presence of yourself or member of the DMA staff without any changes to its contents. If any provisions are unsatisfactory to the operator, the contract must be returned to this office for re-execution.

After signing the contract, one copy is to be given to the contractor and one copy retained for your office. The remaining copies including the original are to be sent to this office as soon as possible.

A copy of the contract required by the Regional Finance Office will be forwarded directly by the Washington Finance Section, together with accounting instructions.

Sincerely yours,

C. O. Mittendorf

C.O. Mittendorf, Director
Production Expansion Division

Enclosures-6

APPROVED:

Tom Lyon
Chairman, Coordinating Committee

Member, Bureau of Mines

Olaf N. Rove
Member, Geological Survey

PBBlakemore/jem
cc to: Adm. Reading File
Mr. Mittendorf - Olund
Mr. Noon
Mr. Barr
Mr. Norton
Mr. Blakemore
Field II (2)
Reports & Records

FILE COPY
SURNAME:

Guthrie

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

July 19, 1951

Memorandum

To: C. O. Mittendorf

From: J. L. Hofflund

Subject: Johan P. Holtermans and Chad Spor exploration contract -- Docket No. DMA-519X

The captioned contract is approved as to form and legality subject to:

1. The insertion of "none" in paragraph 2(a) if there are no encumbrances on the property.

2. Proper execution of the contract by both prospective operators.

The contract should be dated at the time it is signed by the Government.

Your file is returned herewith.

J. L. Hofflund

J. L. Hofflund
General Counsel

Attachment

RRGuthrie/ema

Copy to: L. F. Strobel
R. R. Guthrie
J. L. Hofflund
Chron.
Files

DMA 519

156

FILE COPY
SURNAME:

Blakemore
Mittendorf

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

July 13, 1951

Memorandum

TO: Mr. Hofflund
General Counsel

FROM: C. O. Mittendorf
Director

SUBJECT: Request for legal opinion.
Docket No. DMA 519-X, Fluorspar
Open Question Claim
Custer County, Idaho
Operator: Johan P. Holtermans & Chad Spor, Partners
Box 104, Hailey, Idaho

Transmitted herewith the original and five copies of subject contract for your consideration.

Attachments - 6

PBBlakemore/meh
cc to: Hofflund
Mittendorf, Olund
Blakemore
FILES
Chron. Copy

DMA 519

858

FILE COPY
SURNAME:

Blakemore

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

July 12, 1951

Memorandum

TO: C. O. Mittendorf, Director

FROM: P. B. Blakemore

SUBJECT: Recommendation for Exploration Contract
Docket DMA 519-X, Fluorspar
Johan P. Moltermans and Chad Spor, Partners
P. O. Box 104, Hailey, Idaho

Amount Approved:	$7,793.00
Government Participation 50%	$3,896.50

Property:

One claim, recorded as the "Open Question" located 5.4 miles west of Challis, Idaho in T13N., R18E., Boise, Meridian in the Bayhorse Mining District, Custer, Idaho.

Discussion:

The DMA Field Team examined and reported favorably on this property. There is no evidence of previous mining or production.

The project consists of bulldozing the surface outcrops to determine the most favorable location for a small shaft; followed by sinking 70 feet and drifting 40 feet from the bottom of the shaft to the indicated intersection of two veins of fluorspar.

The estimates of cost are below the average.

All operating equipment is to be rented.

Operator believed to be competent to handle the proposed work, and financially responsible for his share of the expense.

Recommended - Approval

P. B. Blakemore

PBBlakemore/meh
cc to: Strobel
Mittendorf, Olund
Blakemore
FILES
Chron. Copy

DMA 519

B

D.M.A. 519X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 2 8 1951
LANDON F. STROBEL
Executive Secretary

519

Darby Id.

Dear Sir

Herewith some information I got from Salt Lake City.

The "Iron Gulch" mining claim is recorded 9 minutes past 9 o'clock a.m. the fourth day of May A.D. 1951 in book 13 of quick mining claims at page 510. in the state of Idaho County of Custer at request of J. P. Hallerman.

Yours truly.

L. P. Holtermans.

L. P. Holtermans.

Postbox 164 Haily.
Idaho.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 2 5 1951
LANDON F. STROBEL
Executive Secretary

Will you please because my last letter?

P. O. Box 104
Hailey, Idaho
June 27, 1951

Mr. James A. Barr, Sr.
Chief Industrial Minerals Branch
U. S. Department of the Interior
Defense Minerals Administration
Washington 25, D. C.

Re: DMA-519X

Dear Mr. Barr:

Pursuant to the instructions contained in your letter of June 22, 1951, I am forwarding herewith original quitclaim deed from prior locators who might possibly claim an interest in my claim. You will note the recording data is endorsed on the back of this instrument above the signature of John Boyd, Custer County Recorder.

It is my understanding that clear title to the Open Question Mining Claim is now established of record in the name of J. P. Holtermans.

Will you please advise if there be further information needed by your office? Thank you.

Very truly yours,

J. P. Holtermans

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 2 1951
LANDON F. STROBEL
Executive Secretary

FILE COPY
SURNAME:

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

Mr. Barr

June 22, 1951

Memorandum

To: Mr. James A. Barr, Sr.

From: Mr. A. B. Parsons

Subject: Docket DMA-519X
Johan F. Holtermann and Chad Spor

The prospective available supply of Fluorspar is far short of meeting defense requirements. Consequently, it is highly desirable that exploration for new domestic deposits be stimulated by any reasonable Government assistance to private interests. Any exploration project that holds promise of finding significant new reserves, merits consideration by the Defense Minerals Administration.

A. B. Parsons
Assistant Director
Supply Division

KWASKNY:mp

cc: Mr. Strobel
Mr. Parsons
Mr. Barr
Mr. Norton
Mr. Mittendorf
DMA Files

FILE COPY
SURNAME:

Barr

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

June 22, 1951

AIR MAIL

Mr. Johan P. Holtermans
P. O. Box 104
Hailey, Idaho

Subject: DMA-519X

Dear Mr. Holtermans:

Replying to your letter of June 14, it is necessary that we be furnished additional information regarding Open Question Mining Claim to enable final processing of subject application.

We understand that your location of mining claim dated May 4, 1951 recorded on page 510, Book 13, Custer County Recorder's Office, Challis, Idaho, superseded on earlier location of the same mining claim by other locator. In order to establish clear title to the claim, it would appear advisable that you secure a Quit Claim Deed from the prior locator to eliminate the possibility of future conflict of interest.

It is suggested that you discuss this matter with Mr. Boyd, County Recorder at Challis and advise us as promptly as possible of the exact standing of your interest in the Open Question Claim. If you can secure a proper Quit Claim Deed of prior interest, please forward a copy.

Sincerely yours,

James Barr

MS

James A. Barr, Sr., Chief
Industrial Minerals Branch

RW:dak

cc: Mr. Strobel
Mr. Barr
Files

Original letter of location filed with notice of location.

FILE COPY
SURNAME:

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

June 18, 1951

Mr. Johan P. Holtermans
337 First Avenue
Salt Lake City, Utah

Subject: DMA-519X
Re: Exploration Loan -
Open Question

My dear Mr. Holtermans:

Receipt is acknowledged of your application and attachments of April 30, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-519X and referred to Mr. James A. Barr, Chief, Industrial Minerals Branch on May 22, 1951.

In any future correspondence relating to your application, kindly refer to DMA-519X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

L. F. Strobel:jc
cc: Strobel
File
Barr
Lyon

FILE COPY
SURNAME:

Barr

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

June 4, 1951

Mr. Johan F. Holtermann
337 1st Avenue
Salt Lake City, Utah

Subject: IMA-519I

Dear Mr. Holtermann:

Your application for aid on an exploration project on fluorspar property in Custer County, Idaho, which replaces your original application for a development loan on the same property, has been forwarded to us by the Defense Minerals Administration Field Team, Region II.

Additional information as follows will be necessary to enable us to consider your new proposal.

Please clarify the ownership situation on the mining claim. It would be advisable to supply a copy of the new location certificate with recording data, that is, office, book and page of recording.

Data obtained by the field examination indicates that a suitable exploration program might be accomplished for a considerably lesser figure than the $11,499.40 set out in the application. Some preliminary trenching by bulldozer might be advisable and perhaps would establish a more desirable shaft location than that proposed. Could this not be contracted for, say, around $200? Could it not be possible to accomplish this together with the proposed 70' of shaft and 50' of drifting for not to exceed $6,000? We are unable to find substantiation of the necessity for the item of $2,065 for transport in view of available freighting cost figures.

It is suggested that revised schedule of requirements and costs be submitted not to exceed $8,000. It should be borne in mind that Exploration Project programs must be limited to work necessary to the delineation and sampling of ore deposits, and should not extend into development and blocking out ore.

Sincerely yours,

SIGNED

James A. Barr, Sr., Chief
Industrial Minerals Branch

RWASKEY:mp

cc: Mr. Lynn
Mr. Strobel
IMA Files

Mr. Barr
Field Team, Reg. II -2 copies

DEFENSE MINERALS ADMINISTRATION

97022

PRODUCTION EXPANSION DIVISION

EXPLORATION LOANS

Name of Company and Address: Johann P Holtermann and Chas L Jordan, Partners

Name of Mine and Location Opens Question Claims, Custer County, Idaho

Docket No. D.M.A. 519 X Date received by P.E.D. July 9, 1951

Metals or Minerals involved Tungsten

Amount of Total Project: $7793.00

Government participation, percent and amount $3896.50

Number of subprojects in total application

Type of Exploration	Feet	Cost per foot	Total cost
Preparatory & Rehabilitation			450.00
Equipment			1,215.00
Shaft sinking & winzes			
Drifts and crosscuts			
Raises			
Diamond or churn drilling			
Other			

Comments on Contract

Date sent to Applicant for signature

Date returned to P.E.D.

Date sent to Legal July 13, 1951

Date signed by Administrator July 25, 1951

Additional remarks:

Interior—Duplicating Section, Washington, D. C.

Signed Clelemore

6/5/51

Defense Minerals Administration

Review of Application for Exploration Assistance

Docket No. 519-X

Commodity Fluorspar

Total Amount 11,459 lo

Govt. Participation 50%

1. Name and Address of Applicant Johan P. Holtermans & Chad Spor
P.O. Box 104, Hailey, Idaho

2. Location of Property 6 miles west of Challis, Custer Co., Idaho T13N R18E

3. Mineral or metal Fluorspar Is it listed in Section 9 of MO-5? YES

If not, application will be rejected.

4. Geologic probability of discovery—based on data in application (question #16, 17, 18, 20 and 22)*

Mines or Survey reports, etc., do you rate chances:

a) ✓ Good See Field Team Report, Attached

b) Poor

c) None

d) Don't know—needs field examination

e) Is there an alternative and favorable project?
(If so, attach an explanation)

5. Is the applicant's right to the property clearly stated? Yes, owner
(question 5, 6, 7)*

6. If applicant is a lessee, is a copy of the lease attached? —

Does the lease have sufficient time to run to cover a future productive period? —

*question numbers are those of MF-103

519-A

7. Are subordination agreements necessary? NO

   a) MF-201? _____

   b) MF-202 _____

8. From the data presented, does the proposed project appear feasible from the point of view of:

   a) Available manpower yes

   b) Equipment and supplies yes
      (Question 14 plus general knowledge of availability)*

   c) Accessibility (question 12)* yes

   d) Water (question 13)* yes

   e) Power (question 13)* yes

   Is a field check needed on any of these points? Already Accomplished

9. Does the experience of the applicant appear to be adequate to assure that he can properly conduct the proposed project? (question 4)* yes

   Is a field check needed on this point? Already Accomplished

10. Exhibit A. (questions 21 and 22)*

   a) Is the project adequately described? yes

      If not, are there sufficient data given so that you can describe the project? _____ If so, attach a draft.

   b) Is there an adequate map or sketch of the proposed work? NO, NOT Needed

   c) Is the proposed work "exploration" under the definition of Section 8, MO-5? yes

      If not, what part of it is? _____

519-7

Is this part a worthwhile exploration project? _____

d) Are the cost estimates detailed? Yes

Can they be summarized, as on page 2 of Procedural Instruction 5-A, from the available data? Yes If so, attach a draft.

e) Are the cost estimates reasonable? Yes

f) Should more information be requested from applicant? NO

g) Is a field examination necessary to complete Exhibit A? NO

11. Exhibit B (question 23-d)*

a) Is it applicable? Yes

b) If so, are sufficient data furnished? Yes If so, attach a draft.

c) Is a field check needed? NO

12. Exhibit C (question 23-e, f and g)*

a) Is it applicable? Yes

b) Sufficient data? Yes If so, attach a draft.

c) Are rents and charges reasonable? Yes

d) Is a field check needed? NO

13. Exhibit D (question 23-a, b)*

a) Are there sufficient data? Yes

b) Is the schedule adequate for the work proposed? Yes

c) Is the schedule excessive for the work proposed? NO

d) Are the proposed wages and salaries reasonable? Yes

e) Is a field check needed? NO

519-7

14. Exhibit E (question 23-c)*

a) Is it applicable? Yes

b) Sufficient data? Yes

c) Reasonable? Yes

d) Field check needed? NO

15. In your judgment, can the proposed work be done in the proposed time? Yes

(All exploration must be completed within two years)

16. If field examination is not needed, attach your recommendation.

17. If field examination is needed, do you have any special instructions for the field team not indicated by your answers to the foregoing question?

Reviewed by: [illegible]

Date 5/22/51

97692

Memorandum

To: Director, Production Expansion Division
Defense Minerals Administration

From: Director, Supply Division
Defense Minerals Administration

Subject: Recommendation for Contract Approval

Name of Applicant: Johan P. Holtermans and Chad Spor
P. O. Box 104
Hailey, Idaho

DMA No. 519X

Commodity: Fluorspar

Amount Requested: $11,459.40

Amount Approved: $ 7,793.00

Government Participation: 50 % $ 3,896.50

Tom Lyon

Tom Lyon

Docket DMA-519X

RECOMMENDATION

1. That Exploration Aid Contract be granted applicant in the amount of $7,793.00, Government participation 50%, in accordance with attached Exhibits.

2. That as a provision of the contract it be stipulated that the shaft site be selected in mutual agreement with a representative of DMA Field Team.

1 orig 6 copies

Docket DMA-519X

EXHIBIT "A"

The exploration work will consist of sinking a shaft to a depth of approximately 70' and drifting on the vein approximately 40'. A minor amount of surface stripping by a bulldozer will be done to establish the most advantageous location for the shaft. About one half mile of access road will be constructed.

A representative of DMA Field Team will assist applicant in selecting the shaft site.

COST SUMMARY

Access Road by contract		$ 250.00
Preliminary stripping by contract		200.00
Equipment and facilities		1,275.00
Repairs to living quarters		50.00
Compressor rental - 6 months	@ $ 200.00	1,200.00
Rock drill rental - 6 months	@ 40.00	240.00
Air hoist rental - 6 months	@ 73.00	438.00
Mine car rental - 6 months	@ 26.00	156.00
Cabin rental - 6 months	@ 12 .00	72.00
70' shaft (labor, powder, etc.)	@ 32.80 (ft.)	2,296.00
40' Drifting (labor,powder,etc.)	@ 24.90	996.00
Pump rental - 6 months	@ 90.00	540.00
Transportation of equipment		80.00
Total project cost		$ 7,793.00

10 ozs Sep

Docket DMA-519X

E XHIBIT "B"

Headframe	$	150.00
Compressor shack		150.00
Ore bin		200.00
Culvert pipe - (for road)		5.00
Total	$	505.00

EXHIBIT "C"

A. Rental

Pump - 6 months	@	$ 90.00	540.00
Air hoist - 6 months	@	73.00	438.00
Total			978.00

B. Purchase

Hoist buckets, hoist rope, track and switch, forge, anvil, small tools, drill steel, etc.	560.00

C. Rented from operator

Portable air compressor - 6 months	@	$ 200.00	1,200.00
Rock drill - 6 months	@	40.00	240.00
Mine Car - 6 months	@	26.00	156.00
Total			1,596.00

EXHIBIT "D"

1	Miner	@	$1.75 per hour
1	Hoistman	@	1.50 per hour
2	Laborers	@	1.25 per hour

EXHIBIT "E"

Repairs to 2 cabins	50.00

Early June 14-'51.

Mr James A. Barr
Chief G.M.B.

LANDON F. STROBEL
Executive Secretary

JUN 1 1951

RECEIVED
Bureau of Indian Affairs Administration

DEPARTMENT OF THE INTERIOR

Dear Sir.

In reply to your letter of June 4. I give you the following information:

The open question claim is by me relocated about May 15, on the Custer County Courthouse in Challis Idaho.

The registered location papers are in Salt Lake now and I am not able to go there before July 1st, but you can take information by mail

Boyd, County Recorder from
Custer County, Challis Idaho.
The claim is for
100 lo on my name and I
did not take any partner
in.

Later on I took a
second claim (the open question
II) east of the open question
and said (also 100 lo on name)
is recorded 4 June 1951
30 minutes past 4 o'clock
book 13 of Quartz Mining claims
page 541 and signed by
John Boyd. Ex officio Recorder
Custer County, Idaho.

I'll bet you that does not
apply to this claim.

I agree to do the whole work (dropping 10' shaft and 40' drifting) for the amount of $1,450. But I should like to see some action now; that I changed my application, does not come from me.

All my papers about extension of cont are in Salt Lake mount and I am not able to make a new one without the old ones. If it is absolutely necessary, you can magl the extension and you have my O.K.

All you tell about development and blocking out

We are just coming from what is called Nome, Sir I last wrote.

Sir Charlie Jones

Mr Glenn Garvin, he has a bulldozer and did some clearing for others for $4 an hour. I think he is coming to make the contract for $10.

I hope to hear very soon something from you I remain.

Yours truly
Johan P Holtermans
J P Holtermans
Postbox 104
Harry Idaho.

June 4, 1951

Mr. Johan P. Holtermann
337 1st Avenue
Salt Lake City, Utah

Subject: DMA-519X

Dear Mr. Holtermann:

Your application for aid on an exploration project on fluorspar property in Custer County, Idaho, which replaces your original application for a development loan on the same property, has been forwarded to us by the Defense Minerals Administration Field Team, Region II.

Additional information as follows will be necessary to enable us to consider your new proposal.

Please clarify the ownership situation on the mining claim. It would be advisable to supply a copy of the new location certificate with recording data, that is, office, book and page of recording.

Data obtained by the field examination indicates that a suitable exploration program might be accomplished for a considerably lesser figure than the $11,459.40 set out in the application. Some preliminary trenching by bulldozer might be advisable and perhaps would establish a more desirable shaft location than that proposed. Could this not be contracted for, say, around $200? Would it not be possible to accomplish this together with the proposed 70' of shaft and 40' of drifting for not to exceed $8,000? We are unable to find substantiation of the necessity for the item of $2,065 for transport in view of available freighting cost figures.

It is suggested that revised schedule of requirements and costs be submitted not to exceed $8,000. It should be borne in mind that Exploration Project Programs must be limited to work necessary to the delineation and sampling of ore deposits, and should not extend into development and blocking out ore.

Sincerely yours,

James A. Barr, Sr., Chief
Industrial Minerals Branch

RWASKEY:mp

cc: Mr. Lyon
Mr. Strobel
Mr. Barr
Field Team, Reg. II -2copies

DMA Files

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington

May 14, 1951

Mr. L. F. Strobel
Executive Secretary
Defense Minerals Administration
Department of Interior
Washington 25, D. C.

Dear Mr. Strobel:

Enclosed herewith is a memo from the Field Team, Region II, referring to the Open Question fluorspar property, docket DMA-519. Also attached is a Form MF-103 submitted by the applicant for an exploration contract. Will you please transmit these to the Supply Division. The original docket is returned herewith.

Sincerely yours,

A. E. Weissenborn

A. E. Weissenborn
Executive Officer, DMA
Field Team, Region II

Enclosures

cc: U.S. Bur. Mines
Spokane, Wash.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 2 1 1951
LANDON F. STROBEL
Executive Secretary

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane 8, Washington

May 14, 1951

Memorandum

To: Mr. Tom Lyon, Director of Supply Division, Defense Minerals Administration.

From: Field Team, Region II

Subject: Docket DMA-519, Johan P. Holtermans' application for loan of $5,000 to finance the operation of fluorspar property in Custer County, Idaho.

In accordance with a request from the Director of the Supply Division, the Open Question fluorspar property near Challis, Custer County, Idaho, was examined by A. B. Campbell of the U. S. Geological Survey and T. E. Howard of the U. S. Bureau of Mines. Four copies of their report are attached.

On the basis of this report it is concluded that, inasmuch as no ore reserves have been developed on the property, neither a purchase contract nor a direct loan can be considered at this time. However, it is believed that the property has some promise and it has been suggested to the applicant that an application for an exploration contract be filed. This has been done and four copies of this application are enclosed. The applicant proposes to sink a shaft, and do a small amount of drifting and crosscutting from the bottom. The examining team also recommended some preliminary surface trenching which we believe would be highly advantageous, though perhaps not essential. The applicant has not made any provision for this in his application. We note also that the applicant made provision for an ore bin. Presumably if he sinks a shaft and drifts on the vein, he will extract some ore during the exploration and will need a place to store it. We are not sure, however, that an ore bin is a chargeable item. No

on - site Exam Rpt.

The examining team checked the records in the County Court House at Challis and found that Mr. Holtermans' claim had never been recorded. This was pointed out to him in a letter which is enclosed. Mr. Holtermans stated that he has now recorded this claim. It should be noted that this has been recorded in Mr. Holtermans' own name and not in that of his partners.

The field team believes that on the basis of the attached report that the property has some merit as a potential, though small, producer of fluorspar and that a limited amount of exploration would be justified.

The original docket is returned herewith.

By Field Team, Region II

A. E. Weissenborn

A. E. Weissenborn, Exec. Officer
(U. S. Geological Survey)

M. E. Volin

M. E. Volin, Associate Officer
(U. S. Bureau of Mines)

Enclosures

cc: M.E. Volin, U.S.B.M.
S.M. Shelton, U.S.B.M.

C
O
P
Y

Challis 5-4-51

Dear Mr. Howard:

Immediately after I got your letter I went to Challis and relocated the claim on my name alone. The court clerk filled the form out so it has to be O.K. now. If you want to come in touch with me write to Challis, General Delivery.

Yours truly,

/s/ J. Holtermans

C
O
P
Y

1207 N. Division
Spokane, Wash.

May 1, 1951

Mr. Johan P. Holtermans
337 First Avenue
Salt Lake City, Utah

Dear Mr. Holtermans:

A check of the records in the county courthouse in Challis, Idaho, made after you left me last Thursday, revealed that there is doubt as to the validity of your location of the "Open Question" mining claim and that it may be subject to relocation.

You are referred to the pamphlet, "Mining Laws of the State of Idaho," published July 1945, paragraphs 46-601, 46-602, 46-603, 46-604, 46-605 and 46-606.

It would be to your advantage to clearly establish your rights in the property as quickly as possible.

Sincerely yours,

Thomas E. Howard
Mining Engineer

DMA EXAMINING TEAM REPORT

OPEN QUESTION FLUORSPAR PROPERTY, DOCKET NO. 519

By A. B. Campbell, U.S.G.S. and
T. E. Howard, U.S.B.M.

RECOMMENDATIONS

No ore reserves have been developed on the property; therefore, a purchase contract cannot be considered at this time.

In the opinion of the Examining Team, the geologic probability of discovering a commercial ore body, the character of the ground which indicates that a low-cost mining method could be applied, and the easy accessibility of the property are factors which make a small-scale exploration program feasible.

However, as the ownership of the property is questionable and the validity of the claim has not been fully established, it is recommended that no loan of any type be granted at this time.

If the property rights can be cleared up, it is recommended that an exploration program not to exceed $10,000.00 be approved.

APPLICANT

The applicant is a partnership of Mr. Johan P. Holtermans, 337 First Avenue, Salt Lake City, Utah, and Mr. Chad Spor of Delta, Utah.

LOCATION OF DEPOSIT

The property consists of one claim, the "Open Question", located 5.4 miles west of Challis, Idaho, in T. 13 N., R. 18 E., Boise Meridian, in the Bayhorse mining district, Custer County, Idaho. It was located June 17, 1950 by Mr. Holtermans and by Mrs. Joyce Vivian Denny, 114 "F" Street, Salt Lake City, Utah.

OWNERSHIP

At the time of the examination, made April 26, 1951, Mr. Holtermans told the examining team that Mrs. Denny had a 25 percent interest in the claim and that he held the remaining 75 percent. Subsequent to the examination he filed an application for aid for an exploration project on Form MF-103, in which he named Mr. Spor as having a 25 percent interest and himself as holding the remainder. No mention was made in this application of Mrs. Denny's interest. Also a check made of the claim location records in the court house of Custer County revealed that the property may be subject to relocation. The applicant has been advised to take the necessary steps to assure the validity of his claim.

HISTORY AND PAST PRODUCTION

The property has never been worked commercially.

DESCRIPTION OF PROPOSAL

Mr. Holtermans' original application, made on Form NSRB-146, was for a $5,000.00 loan with which to buy the necessary equipment to commence mining operations. The examining team advised him that the lack of measurable ore reserves made the property ineligible for a Purchase Contract and explained to him the Strategic and Critical Mineral Exploration Program with reference to fluorspar.

The applicant's new proposal, made on Form MF-103, is to conduct an exploration project costing $11,459.40, half the cost to be borne by an Exploration Loan, with its object to find and explore a possible vein intersection, a description of which is embodied in the section of this report titled "Geologic Setting". He proposes to sink 70 feet of 5- by 6-foot shaft on the vein to find the intersection. He then proposes 40 feet of drifting and crosscutting on or below the vein.

TECHNICAL FEASIBILITY

Geologic Setting

The geology of the region has been completely described by C. P. Ross.[1/] The fluorspar veins that were the subject of this investigation outcrop in the Bayhorse dolomite of Cambrian age. Three fluorspar veins were seen on the claim; two fissure veins, and one mineralized zone of several small bedding-plane veins.

1/ Ross, C. P., Geology and ore deposits of the Bayhorse region, Custer County, Idaho: U. S. Geol. Survey Bull. 877, 1937.

The main vein on which a discovery pit has been dug is a fissure-filling vein of high-grade fluorspar from 2 to 8 inches in width and traceable in outcrop for 100 feet along the strike. Locally the vein swells to a width of 15 inches. The trend of the vein is N. 13° E., dipping 80° SE. A parallel fissure-filling vein trending N. 15° E., dipping 75° NW, occurs 240 feet due west of the discovery pit. This vein varies in width from 3 to 9 inches and, although poorly exposed, can be traced with difficulty by float and intermittent outcrops for approximately 400 feet along the strike. The third vein lies 220 feet east of the main vein and appears in outcrop as a mineralized zone up to 4 feet thick in the dolomite. The mineralization occurs in several irregular bedding-plane veins striking N. 15° E. and dipping 15° NW. In places the veins thicken to as much as 8 inches of milling grade ore with pods of shipping grade ore. This zone can be seen intermittently for a distance of approximately 200 feet. The grade and thickness of the ore in the bedding-plane veins vary rapidly along the strike. The intersection of this mineralized zone with the main vein would occur at a depth of about 57 feet down the dip of the main vein from the discovery pit. A fairly well-developed joint system trending E.-W., dipping 60° N., may also control the mineralization to a minor degree.

MINE WORKINGS

The only work accomplished on the property to date has been a 2- to 3-foot discovery pit on the main vein and the superficial removal of debris from approximately 50 feet of the vein.

RESERVES

Due to the limited amount of work which has been done on the property, it is impossible to quote an ore reserve estimate.

MINING METHODS - COSTS

As there has been no production from the property, a mining method has not been determined. However, the steep dip of the vein and the character of the wall rock, as observed in the outcrop, indicate that very little timber would be required and that the ore could probably be mined either by open stoping or a system of shrinkage stoping. There is no timber on the property, but a good supply is available near Challis.

MILLING METHODS - COSTS

The applicant does not intend to mill the ore. He stated that an analysis of a hand-sorted sample from the outcrop showed that it contains 0.4 percent SiO_2, 93.3 percent CaF_2, 2.7 percent $CaCO_3$, and 3.8 percent iron and alumina. A sample of hand-sorted ore was sent by the examining team to the Bureau of Mines analytical laboratory in Albany, Oreg. Results will be forwarded.

RATE OF PRODUCTION

Present

The property is not producing at present.

Anticipated

Mr. Holtermans stated that upon the successful completion of the exploration program he will produce from 40 to 80 tons of fluorspar per week.

TIME SCHEDULE TO ATTAIN OBJECTIVES

The applicant believes that 6 months will be sufficient time to complete the proposed program.

MARKETING FACILITIES

Mr. Holtermans stated at the time of the examination that the Geneva Steel Corporation has offered to buy his ore for $22.50 per ton, f.o.b. Mackay, Idaho, which is approximately 55 miles south of Challis or 60 miles from the property. In his later application he states that his partner, Mr. Spor, has other markets, but he does not name them specifically.

EQUIPMENT AND FACILITIES

Installed

There is no equipment on the property at present. However, Mr. Holtermans states in his Exploration Loan application that his partner, Mr. Spor, has the necessary equipment as follows:

1 - Air compressor
1 - Rock drill (sinker)
1 - Hoisting sheave
1 - Mine car
Air hose and pipe

The applicant intends to apply the rental on these items as a cost of the project.

No housing facilities are available on the property, but the applicant stated that cabins located near the property will be adequate with a small amount of repair, and he intends to rent them.

Required

Headframe	$150.00
Sinking buckets	50.00
120' hoist rope	24.00
100' track and switch	121.00
Drill steel and bits	110.00
Bit sharpener	30.00
Forge	25.00
Anvil	15.00
Culvert pipe	5.00
Water tank	20.00
Water hose	15.00
Compressor shack	150.00
Ore bin	200.00
Total	$915.00

LABOR SUPPLY

Availability

The labor supply in Challis is limited at present. However, the applicant should have little difficulty recruiting the small force he intends to employ.

Current Wage Scale

The current wage scale for miners in this district is approximately $12.00 per 8-hour shift.

POWER

No power of any kind is immediately available on the property.

TRANSPORTATION

Mackay, Idaho, the nearest railhead, is 55 miles south of Challis and 60 miles from the property. The applicant states that ore can be hauled from the property to Challis for $4.50 per ton. However, a check of haulage rates charged by the local transportation company revealed that the cost will approach $5.25 per ton.

Supplies can be trucked from Idaho Falls, Idaho, or from Pocatello, Idaho, both approximately 170 miles from Challis, at an average cost of $1.10 per hundred pounds.

Explosives and small tools can be purchased locally.

The property is easily accessible from Challis by 5.4 miles of graveled Forest Service road. Approximately one-half mile of access road will have to be constructed. In the opinion of the Examining Team, the applicant's estimated cost of $500.00 for this road is excessive. A more reasonable figure would be $250.00.

ADEQUACY OF REQUESTED FUNDS

In the opinion of the Examining Team, the funds requested are more than adequate to carry out the proposed program as shown by the following estimated costs:

Item	Cost
Access road (by contract)	$250.00
New equipment and facilities	915.00
Repair of living quarters	50.00
Equipping living quarters	210.00
Small tools	150.00
Portable compressor rental 6 mo. @ $200.00 per mo.	1,200.00
Rock drill rental 6 mo. @ $40.00 per mo.	240.00
Hoist (compressed air) rental 6 mo. @ $73.00 per mo.	438.00
Mine car rental 6 mo. @ $26.00 per mo.	156.00
Cabin rental 6 mo. @ $12.00 per mo.	72.00
70 feet shaft @ $32.80 per foot	2,296.00
40 feet drift and crosscut @ $24.90 per foot	996.00
Transportation of equipment	80.00
Pump rental, 6 mo. @ $90.00 per mo.	540.00
Total	$7,593.00

COMPETENCE OF APPLICANT

Mr. Holtermans claims that he is a graduate civil engineer, educated in Holland. He states he has been in the United States for 3 years and has applied for U. S. citizenship. His mining experience is limited to the past 3 years during which he has worked as a miner, surveyor and assayer in the mining districts near Hailey and Challis in Idaho.

Mr. Holtermans appears to be a very determined and energetic man and is probably capable of carrying out a simple exploration program such as is outlined in his application.

As Mr. Spor was not a partner at the time of the examination and is not known to the Examining Team, they can give no estimate of his competence.

DISCUSSION OF PROPOSAL AND SUGGESTED ALTERNATIVES

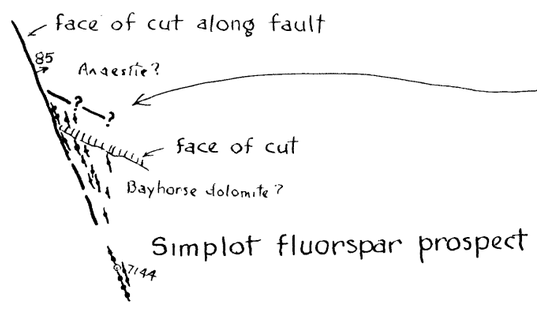
In the opinion of the Examining Team, the geologic probability of discovering a commercial ore body is great enough to warrant exploration work on the scale proposed.

It is recommended, however, that before shaft sinking is commenced, the vein be further explored on the surface by bulldozer trenching in order to determine if a more economic site for a shaft can be located. The topography is such that removal of a small amount of overburden north of the discovery pit should uncover the vein at an elevation that would shorten somewhat the necessary length of shaft. The dozing cost should not exceed $200.00 and could be contracted.

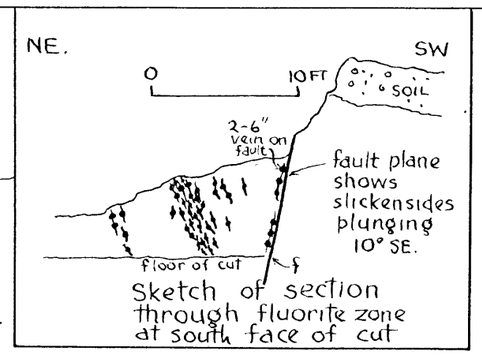
The work schedule proposed does not appear logical. However, they should have no difficulty progressing at the rate of 20 to 25 feet per month, so the 6 months time schedule should be adequate.

U. S. Department of the Interior
Geological Survey

DMA Docket-519 Idm-E73



Simplot fluorspar prospect



Sketch of section through fluorite zone at south face of cut

northwest corner post

EXPLANATION

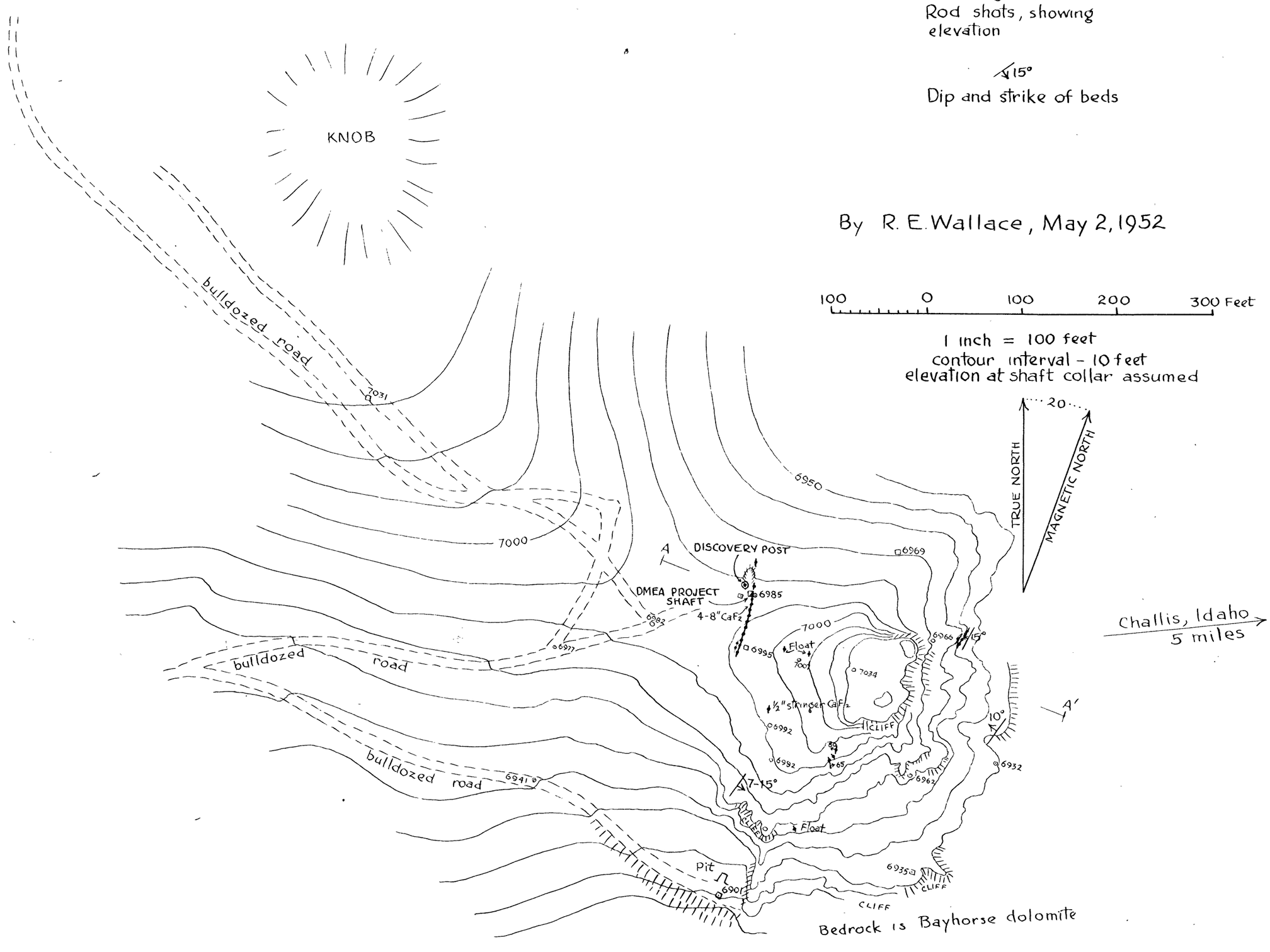
Fluorite veins

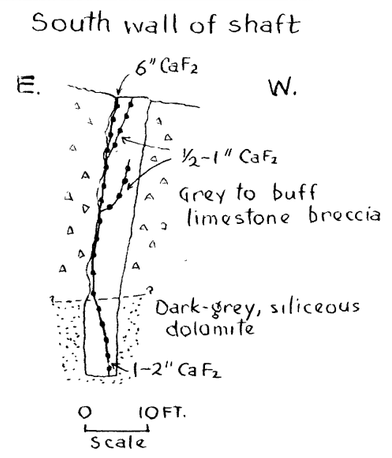
6995
Plane table set-up showing elevation

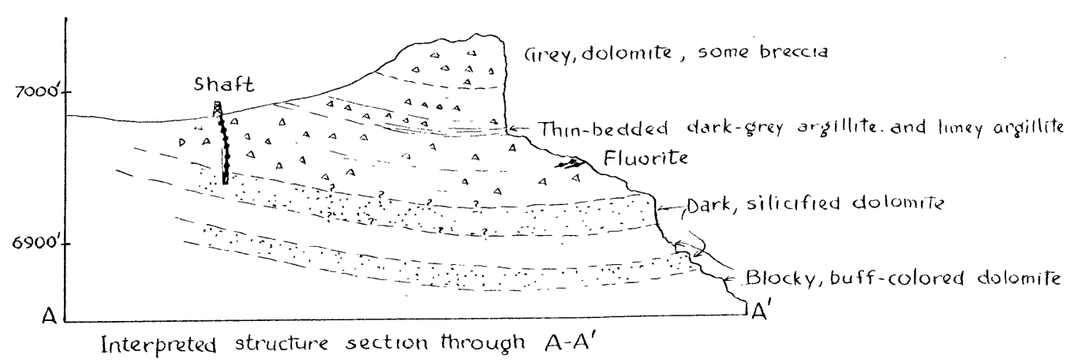
6901
Rod shots, showing elevation

15°
Dip and strike of beds

By R. E. Wallace, May 2, 1952







Interpreted structure section through A-A'

southwest corner post

Map is by plane table as shown, remainder by sketch

OPEN QUESTION FLUORSPAR PROSPECT
CUSTER COUNTY, IDAHO