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

224 New Customhouse
Denver 2, Colorado

July 3, 1952

Memorandum

To: Secretary to the Operating Committee
Defense Minerals Exploration Administration

From: Executive Officer, Field Team, Region IV

Subject: C. H. Smith, Anna C. Tungsten Mine, DMEA 2158

We have just received a letter from C. H. Smith stating that he has lost his lease on the Anna C. Tungsten Mine and requesting that his application be cancelled.

We have placed the docket in our inactive file.

W. H. King

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUL 7 - 1952

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JFS:ld

cc: Docket, chron.
Kaschmann
Traver

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
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Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

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

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

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

OCT 15 9 08 AM '51

DO NOT FILL IN THIS BLOCK

Docket No. dma 2158

Date received 10-15-51

Participation

C.H. Smith
2000 Marine
Boulder, Colo

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application October 6, 1951

Estimated cost $24,208.58

Mineral or metal Tungsten

Percentage of Government participation 75%

Location of mine Grand Island Mining District. Boulder Co., Colorado in T.4., Sec. 11, S.R. 73 West.

Date of filing MF-100 May 4, 1951

DMA Docket Number, if available

Serial M.S. 2538
Anna C. Mine, Colo.

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.

NWT Company (Name of company) By C. H. Smith (Signature of authorized official)

Oct. 6, 1957 (Date) Manager (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

C.E. Smith
2000 Marine
Boulder, Colo.

October 6, 1951.

1. A partnership.

2. Loren D. Overley
   1911 So. Williams St.
   Denver, Colo.

3. Not a corporation. No officers or directors.

4. Applicant has done general mining off and on for past 25 years.

5. Applicant is a lessee of the property.

6. Not owner of the property.

7. Copy of lease attached and is in good standing.

8. The only asset is the machinery on the property, or being used by the property. No liabilities, no profit and loss for there has been no production.

9. Applicant and partner will furnish their time plus depreciation of equipment for their part, 25%, of the project which would amount to $6343.30, over a 10 month period.

10A. The only property involved is the Anna C.

10B. The Anna C. Tungsten Mine U.S. Pat. 18374, situated in the Grand Island Mining district in T4., Sec. 11., S.R. 73W, in Boulder County, Colorado.

11. This property is not known by any other name.

12. The mine is one mile northwest of Nederland on a dirt road. There is both a reduction mill and market at Nederland. The nearest railroad is Rollinsville, a distance of six miles south, five miles of which is paved. It is about 18 miles from Boulder, 15 miles of this road paved. There is also a market and shipping point at Boulder.

13. There is a surplus of water in the mine sufficient to run a small mill. This is from a water course in the mine. The power used is a 32 h.p. on the belt Twin City gasoline driven air compressor, a Buick car motor and a smaller compressor. A Nash light 6 car motor on the hoist. The cost to operate the three motors is about $1.35 per hour.

14. A shaft house, 16' x 28', head frame with sheeve wheel, dump for bucket, track layed on dump, ore car, hoist powered with Nash motor, Curtis 6 x 6 compressor powered with Buick motor. Two ore buckets, bucket dollie, two receivers (another to move on to property), 500 ft. 2 inch air line, a 10 x 10 Leyner compressor powered with 32 belt horse power Twin City stationary motor, 250 ft. 2½ inch fire hose, 1 R25 Ingersoll Rand sump pump, 150 ft. air hose, one Worthington duplex pump, two Thor 70 drifters, two water tanks, water hose, oilers and hoses, one Ingersoll jack hammer, Ingersoll stoper column and arm and shell, hand tools, steel and bits.

15. Ore could be shipped by truck to mill to be concentrated either at Nederland, 1 mile, or Sugarloaf, 8 miles.

16A. This mine is approximately 155 ft. deep. The first, or 50 ft. level has been worked out and is caved in. The second level is about 115 feet deep and has a drift 45 feet north from the shaft practically stoped out. (This level is partially blocked with cave-ins and we are at present cleaning this out and re-timbering.) There is ore showing both in the stope and breast of this level. There is also a cross cut going east of this drift about 30 feet in length. There is another level

about 40 feet below. We have not been able to get into this on account of the water. We understand there is 60 feet of drifting on this level with ore showing. Low price of ore, no market and lack of finance has been the main reasons this property has been idle and not operated.

16B. This property joins the Quay mine on the west, which has been a big producer and produced its best ore with depth. The Illinois, about 1000 feet southeast of the Anna C. was a big producer for the Firth Sterling Co. The Bettic, a big producer during First World war, about 2000 feet east of Anna C. The Conger, operated by Vanadium Corp. of America, operated during both world wars, about 3000 ft. north east.

16C. These reports or records are unavailable because the mine has been operated by leasers most of the time.

17A. The mine is not in production at present.

(1) No production.
(2) No production.
(3) No production.

18A. The ore is tungsten of a very good grade and is in an incline vein with a northeast southwest trend.

18B. No maps and assay data available, but will draw a crude side cut view of workings and proposed work.

18C. Cannot give an estimate of ore reserves as I have no idea of ore reserves until they are developed.

19. This property has produced good ore from 25 ft. down from surface and from 115 ft. level to within 25 ft. of surface. It has been worked out e cept for a small block on the 115 ft. level, and I understand this was left when the market closed on tungsten.

20. The mineral in this mine is tungsten and lays in a fissure vein that turns into ore shoots of unknown depths. The veins very seldom run barren for more than a few feet at a time.

21. We propose to sink the shaft another 100 feet in depth and drive a cross cut 35 to 100 feet long to try and pick up another vein east of the present vein and nearly paralleling it.

22. Am unable to answer this question as no maps or other data available.

23A. One mucker, chuck tender @ $12.00 per day--$2400.00 for 10 months.

One machine man, mucker @ $15.00 per day--$3000 for 10 months.

23B. Manager will operate hoist and compressor @ $15.00 per day--$3000.00 for 10 months.

23C. Replace old skids in shaft and install new skids for 100 feet of new lift.--$161.28.

23D. Build a stone and mortar powder house, $75.00. Erect a gasoline and oil storage house. (sheet iron)--$150.00

23E. New automatic electric pump.

23F. No rental equipment.

23G. 1/60 of $3500.00 in equipment. $58.33 per month for 10 months, $583.30.

23H. 75 gal compressor oil for 10 months--$67.50, 150 gal. cylinder oil for 10 months, $121.50, 13,000 gal. gasoline for 10 months, $2925.00. Note. Powder, caps, fuse, timber and timbering are figured with shaft sinking @ $40.00 per foot or $4000.00 for 100 foot lift, also with drifting 125 ft. 50 feet on the 155 ft. level, and 75 ft. on the new level at $25.00 per foot, $3125.00

23I. To connect to electric power, wiring, switches, transformers and cable, approx. $1000.00

24. We intend to finish this work in 10 months to a year.