August 26, 1952

Memorandum

To: Chief, Operations, Control and Statistical Division

From: Nonmetallic Minerals Division

Subject: DMEA-2558 (Asbestos)
Western Chemical Company's property
Gila County, Arizona

Re: A voluntary withdrawal of application.

The subject application is voluntarily withdrawn per letter dated August 14, 1952, from W. D. Cluff, President of the Company to Walter R. Storms, Chief, Arizona-New Mexico Branch, Mining Division, Region IV. A copy of this letter is attached as are the memoranda on the subject, one from W. R. Storm to W. H. King and the other from W. H. King to the Operating Committee; the memoranda are dated August 15 and August 19, 1952, respectively.

The application should, therefore, be withdrawn and any future action for this mine should require a new application.

The Docket DMEA-2558 is returned herewith.

Jasper T. Robertson
Nonmetallic Minerals Division

Attachments 4

JTRobertson:gad

Copy to: Admin. Reading File
Docket File
Mr. Norton, G-232 GSA Bldg.
Dr. Bowles, 3510
Mr. Houk

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

224 New Customhouse
Denver 2, Colorado

August 19, 1952

Memorandum:

To: Secretary to the Operating Committee

From: Executive Officer, Field Team, Region IV

Subject: DMEA Docket 2558, Western Chemical Co's.Asbestos Property, Gila County, Arizona

Enclosed are three copies of a letter from W. D. Cluff, President, Western Chemical Company, in which he states that he is no longer interested in Exploration Assistance.

The application has been placed in our inactive file.

W. H. King

Enclosures

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
AUG 25 1952

Mining Division
Date Rec'd.
AUG 15 1952
BUREAU OF MINES
Denver, Colorado

MINING DIVISION
REGION IV

August 15, 1952

Memorandum

To : W. H. King, Denver, Colorado

From : Chief, Arizona-New Mexico Branch, Mining Div., Region IV

Subject : DMEA Docket 2558, Western Chemical Co's. Asbestos Property, Gila County, Ariz.

Several days ago we wrote to Mr. W. D. Cluff, President of the Western Chemical Co., and asked him if he wished to withdraw his application for an exploration loan on the above property as Stewart and Shride understood that the company planned no further work on the claims.

Attached is a letter from Mr. Cluff, and although it is not signed, I assume that no further action is necessary in regard to Docket DMEA-2558. Therefore we are returning the brochure in order that it may be placed in the inactive files.

Walter R. Storms

CC: W. H. King (6)
J. F. Shride
DMEA-2558
EP

WRStorms:als

C O P Y

C O P Y

WESTERN CHEMICAL CO.
625 South 5th Street
P.O. Box 3726
Phoenix, Arizona

August 14, 1952

U. S. DEPT. OF THE INTERIOR
BUREAU OF MINES
Tucson, Arizona

Attention: W. R. Storms

Dear Mr. Storms:

I have your letter of August 13, 1952. Referring to its contents, you are right in assuming that we do not wish your department to go ahead with any field action on John-Manville properties, DMEA Docket 2558, and as requested, there is to be no further action taken on Western Fiber Ores application. I am sorry my previous letter was not entirely understandable. I am

Very truly yours,

WESTERN CHEMICAL COMPANY

W. D. Cluff
President

WDC:mdp

C O P Y

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WESTERN CHEMICAL CO.
625 South 5th Street
P.O. Box 3726
Phoenix, Arizona

August 14, 1952

U. S. DEPT. OF THE INTERIOR
BUREAU OF MINES
Tucson, Arizona

Attention: W. R. Storms

Dear Mr. Storms:

I have your letter of August 13, 1952. Referring to its contents, you are right in assuming that we do not wish your department to go ahead with any field action on John-Manville properties, DMEA Docket 2558, and as requested, there is to be no further action taken on Western Fiber Ores application. I am sorry my previous letter was not entirely understandable. I am

Very truly yours,

WESTERN CHEMICAL COMPANY

W. D. Cluff
President

WDC:mdp

C O P Y

July 8, 1952

Memorandum

To: Oliver Bowles, U. S. Bureau of Mines

From: J. T. Robertson, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2558 - Asbestos
Gila County, Arizona
Western Chemical Company

Attached is a copy of a letter from F. O. Herlihy requesting that this application be held in abeyance.

Signed

J. T. Robertson, Non-Metallic
Minerals Division, Defense
Minerals Exploration Administration

Attachment

JTRobertson:gad

Copy to: Docket File
Admin. Reading File
Mr. Houk

600

July 3, 1952

Memorandum

To: J. J. Norton, U. S. Geological Survey

From: J. T. Robertson, Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2558 - Asbestos
Gila County, Arizona
Western Chemical Company

Attached is a copy of a letter from F. G. Herlihy requesting that this application be held in abeyance.

Signed

J. T. Robertson
Non-Metallic Minerals Division
Defense Minerals Exploration
Administration

Attachment

JTRobertson:gad

Copy to: Docket File
Admin. Reading File
Mr. Houk

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

224 New Customhouse
Denver 2, Colorado

June 24, 1952

Memorandum

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

From: Executive Officer, Field Team, Region IV

Subject: Docket DMEA 2558, Western Chemical Company (Asbestos)

Enclosed is a copy of a letter from F. G. Herlihy requesting that this application be held in abeyance.

W. H. King

W. H. King

Enclosure

JFS:ld

cc: Docket, chron.
Koselmann

600

JUN 16 1952

Mr. W. H. King
Executive Officer, Region IV
Bureau of Mines
224 New Customhouse Building
Denver 2, Colorado

Subject: Docket No. DMEA-2558
Asbestos
Western Chemical Company
Gila County, Arizona

Dear Mr. King:

The supporting information submitted with the subject application is very inadequate and it will be necessary for the Field Team to review the case and send to this office their report and recommendations.

No specific program of work is submitted by the applicant, no geological information to justify the work is presented, and the equipment requirements listed in the application seem excessive. A review with the applicant and a field inspection of the mine appears to be desirable.

Enclosed please find for your information memoranda comments of the Commodity Specialist of the Geological Survey and the Bureau of Mines.

Sincerely yours,

(Signed) FRANK E. JOHNSON

Chairman, Operating Committee
Defense Minerals Exploration
Administration

Enclosures - 2

JTRobertson:mp 6/11/52
cc: Docket File
Operating Committee (2)
Adm. Reading File
Dr. Oliver Bowles, 3522
Mr. Norton, G-232, GSA Bldg.
Mr. Houk

Approved:

Charles N. Merrill
Member, Bureau of Mines

D. M. Lemmon
Member, Geological Survey

600

JUN 16 1952

Mr. William D. Cluff, President
Western Chemical Company
c/o Herlihy & Herlihy
412 West Sixth Street
Los Angeles 14, California

Subject: Docket No. DMEA-2558
Asbestos
Gila County, Arizona

Dear Mr. Cluff:

Your application is being referred to Mr. F. H. King, Executive Officer, Region IV, Bureau of Mines, 224 New Customhouse Building, Denver 2, Colorado, for further information.

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson:mp 6/11/52
cc: Docket File
Field Team, Region IV (2)
Operating Committee (2)
Mr. Norton, G-232, GSA Bldg.
Dr. Oliver Bowles, 3522
Mr. Houk

June 1[illegible], 19[illegible]

Memorandum

To: Chairman, Operating Committee, [illegible]

From: Non-Metallic Minerals Division, [illegible]

Subject: Docket No. [illegible]-2558 - Asbestos
Western Chemical Company
Gila County, Arizona
Recommendation to refer to Field Team

The applicant proposes to explore for asbestos in four unpatented lode claims, part of a larger group of 72 claims now owned by the applicant. The four claims, lying close to the southeast corner of the property have not been worked, but the mine as a whole has many workings, having employed up to 170 men in former operations by Johns-Manville Company.

The estimated cost of the present project is $3,360. However, the estimates are not detailed as to specific work or a definite planned program but in a very general way. The applicant, in explaining the program, simply states "exploratory drifts and tunnels will be made upon the four claims at points indicated by the geological formation and showings now upon the claims." The items of cost for equipment are extravagant and excessive and the necessity for much of it is not proven.

The application is entirely inadequate in the presentation of a specific program of work and no geology is shown to point up the best places to explore.

A Field Team report is recommended. The advice of memoranda from Geological Survey and Bureau of Mines, also suggest that the application be referred to the Field Team.

A copy of proposed letter to the National Office Field Man is attached.

Jasper T. Robertson
Non-Metallic Minerals Division

Attachments

JTRobertson:mp
cc: Dr. Oliver Bowles, 3522
Mr. Norton, C-222, GSA Bldg.
Mr. Houk

June 10, 1952

Memorandum

To: Chairman, Operating Committee, DMEA

From: Non-Metallic Minerals Division, DMEA

Subject: Docket No. DMEA-2558 - Asbestos
Western Chemical Company
Gila County, Arizona
Recommendation to refer to Field Team

The applicant proposes to explore for asbestos in four unpatented lode claims, part of a larger group of 78 claims now owned by the applicant. The four claims, lying close to the Southeast Corner of the property have not been worked, but the mine as a whole has many workings, having employed up to 170 men in former operations by Johns-Manville Company.

The estimated cost of the present project is $63,369. However, the estimates are not detailed as to specific work or a definite planned program but in a very general way. The applicant, in explaining the program, simply states "exploratory drifts and tunnels will be made upon the four claims at points indicated by the geological formation and showings now upon the claims." The items of cost for equipment are extravagant and excessive and the necessity for much of it is not proven.

The application is entirely inadequate in the presentation of a specific program of work and no geology is shown to point up the best places to explore.

A Field Team report is requested. The attached memoranda from Geological Survey and Bureau of Mines, also suggest that the application be referred to the Field Team.

A copy of proposed letter to the Regional Office Field Team is attached.

Jasper T. Robertson
Non-Metallic Minerals Division

Attachments

JTRobertson:mp
cc: Dr. Oliver Bowles, 3522
Mr. Norton, G-232, GSA Bldg.
Mr. Houk
Docket File

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

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

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMEA-2558

Date received 6-2-52

JUN 2 1952

Western Chemical Company
c/o Herlihy & Herlihy
412 West Sixth Street
Los Angeles 14, California

Name and address of applicant

Date March 24, 1952

INSTRUCTIONS

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

GENERAL TECHNICAL DATA

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

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☐ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

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

   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*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.

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

Name and Address (a)	Official Title (If officer is also director indicate by "D") (b)	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year (c)	Estimated Net Worth Outside of Interest in Applicant (d)	Number of Shares Held in Applicant Corporation: Common (e)	Number of Shares Held in Applicant Corporation: Preferred (f)	Life Insurance Carried for Benefit of Applicant: Amount (g)	Life Insurance Carried for Benefit of Applicant: Net Cash Surrender Value After Loans (h)
		$	$				
William D. Cluff	President D	13,050.	50,000	3044	None	None	
W. Eldon Mitchell	Vice-Pres D	4,096.	3,500	1	None	None	
Gareld W. Johns	Secy-Treas D	10,850.	30,000	1522	None	None	
(The address of the above persons is: 625 South 5th Street, Phoenix, Arizona.)							
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

Item	Authorized (a)	Outstanding (b)	Par Value (c)	Number of Shares Outstanding (d)	Dividend Rate Last Paid* (e)
Common stock	50,000.00	$45,670.00	$ 10.00	4567	None
Preferred stock	$ None	$	$		

*Indicate period covered.

10. Production:

Item	Kind of Product (a)	1948 Total (b)	1949 Total (c)	1950 Total (d)	Present Average Monthly (e)
1. Quantity of product mined or quarried (Short, long, metric tons; barrels; pounds; etc.)	None				
2. Quantity of product processed (specify unit of measure and type of process)	None				
3. Quantity and grade of product sold or shipped (specify units of measure)	None				

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

12. Ore or Mineral Reserves:

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

1. (a) Chrysotile Asbestos Ore, unmilled

   (b) None to date.

2. Unpatented Asbestos mining claims located in the McMillan Mining District, Gila County, Arizona, being 4 in number and more particularly described as follows:

LODE NAME	DATE RECORDED	MINING LOC. NO.	BOOK NO.	PAGE NO.
Asbestin No. 43	July 5, 1921	57781	35	480
Asbestin No. 44	July 5, 1921	57782	35	481
Asbestin No. 51	May 8, 1929	96821	43	384
Asbestin No. 52	Sept. 26, 1929	99829	43	566

The foregoing claims are part of the property formerly owned by the Johns-Manville Products Corporation at Chrysotile, Arizona, now owned by the applicant.

(a) (b) (c) (d) Only assessment and development work has been done upon the property to date.

No flooding problem exists, nor is likely to arise upon the property.

3. (a) Thirty-five miles northerly from Globe, Arizona. Shipping point Globe, Arizona.

   (b) McMillan Mining Districts.

   (c) Information not available.

   (d) Gila County, Arizona.

4. (a) Above described property is not now in operation, other than for assessment work.

   (b) As owner of said mining claims.

5. Number of years in production, none. It is estimated that production will start within seven months from and after contract is made under this application.

6. Mr. W. D. Cluff, President, has been engaged in the business of buying, selling and grading non-metallics for a period of fifteen years. For the last two years of this period he has also engaged in processing and fiberizing asbestos. The applicant intends to employ as mining foreman a man of ten years experience in mining asbestos and other non-metallic ores.

7. (a) (b) (c) Attached hereto and by reference made a part hereof is a copy of Arizona Bureau of Mines Bulletin No. 126, entitled "Asbestos Deposits of Arizona". Attention is directed to Pages 37 to 48, inclusive. Road conditions have materially improved and road distances have been shortened since this bulletin was written.

13. Approximately 3 miles of graded road which then connects with Highway 60, a paved highway into Globe, Arizona. Roads are excellent except the three miles mentioned, which will require reworking.

14. Ash Creek runs through the property and furnishes all the water required throughout the year.

15. Internal combustion engines will be used.

16. Eight miners and eight laborers will be employed.

17. A residence, a warehouse, a machine shop and a mill building is upon the patented portion of the property owned by the applicant. An electric light and power plant is available for lights and machine shop power.

18. In the event that the exploration project planned herein is successful, a unified plan will be undertaken for prompt and economical mining, cruding, accurate grading, processing and fiberizing the asbestos ores.

(*b*) If deposit is other than pla

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

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

TOTAL ORE OR MINERAL RESERVES

Ore or Mineral Reserve	Estimated Tons (a)	Metal or Mineral Content Per Ton (Grade) (b)	Gross Value Per Ton (c)	Recoverable Unit Value Per Ton (d)	Estimated Cost of Production Per Ton (e)
Measured (proved)	None				
Indicated (probable)	None				

(*c*) If placer: Inapplicable.

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

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

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

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

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

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

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

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

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

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

17. Equipment and Facilities:

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

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

CERTIFICATION

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

Western Chemical Company
(Name of company)

By William D. Bliss
(Signature of authorized official)

March 24, 1952
(Date)

President
(Title)

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

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

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

MF-103 Should Be Filed With General Technical Data Form MF-100

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

Not To Be Filled in by Applicant

Docket No. DMEA-2558
Metal or Mineral
Date Received 6-2-52
Amount $
Participation (Government %)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
JUN 2 1952
RECEIVED

Western Chemical Co., (a corp.)
c/o Herlihy & Herlihy
412 West Sixth Street
Los Angeles 14, California

Name and address of applicant

Date March 24, 1952

If you have already filed MF-100, give date filed Concurrently, type of assistance requested Aid under MO-5

DMA Docket Number (if available) None available.

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four copies each, of the signed application form, General Technical Data Form MF-100, and answers to questions as specified, to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive office thereof, with your name and address on each sheet of the application and all accompanying papers. If you have previously filed MF-100, it is not necessary to file it again. However, you should indicate in space provided above the type of assistance previously applied for (loans, procurement contracts, etc.) and DMA Docket Number, if available. *When a question is inapplicable it should be so stated in the form.* Additional sheets should be attached in answering any questions or in supplying additional information. IF YOU CANNOT ANSWER A QUESTION, SO STATE.

1. (*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*) If you are not the owner of the property, submit a copy of the lease, purchase option, or other agreements under which you are authorized to operate the property with each copy of your application.

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

   NOTE: (1) 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 (*c*) 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.

   (2) If applicant is not the owner of the property or if there are any liens or encumbrances against the property, copy of agreements of claimants, lienors, encumbrances, and lessors subordinating their interests in the property to the interest of the Government under the Exploration Project Contract will be required for attachment to the Contract.

2. (*a*) What metals or minerals do you expect to find?

   (*b*) Furnish statement of the geologic features of your property, giving type of ore deposit and reasons for expecting to find commercial ore bodies. Illustrate with maps or sketches. If you have a geologic or engineering report, or assay maps showing width and grade, please send them with application, stating whether or not you wish to have them returned.

The information requested [illegible] estions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail, as this information will be attached to and incorporated as part of the Exploration Project Contract, if such contract is entered into with you by the Government.

ANSWER EACH QUESTION ON SEPARATE SHEETS OF PAPER AND SUBMIT A COPY OF EACH ANSWER FOR EACH COPY OF YOUR APPLICATION.

3. (*a*) Describe fully the proposed work and give the total cost of the project.

   (*b*) State the time required to start the project and to complete it.

4. Submit a map or sketch of the property involved showing a plan (and cross section, if needed) of the present mine workings and the *location of the proposed exploration work* as related to geologic features, such as contacts, veins, ore-bearing beds, etc.

5. Furnish an itemized list 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.

6. Furnish a detailed list of additional facilities, buildings, and fixtures to be purchased, installed, or erected by you, with the estimated cost of each item.

7. Furnish a detailed list of operating equipment, separated into items to be—

   (*a*) Rented

   (*b*) Purchased

   (*c*) Furnished by you

   with the rental, purchase price, or depreciation of each item, as the case may be, to be charged as a cost of the project.

8. Furnish an itemized schedule of labor, by numbers and classes (miners, muckers, etc.) and of supervisors by numbers and positions, with the maximum wages or salaries to be paid to each.

9. Furnish a detailed list with estimated cost of each item for materials, supplies, engineering, assaying, accounting, power, water, utilities, and any other items not provided for above.

10. (*a*) How much are you prepared to invest in the proposed project?

    (*b*) Is this amount sufficient to pay your part of the cost of the project, in accordance with the regulations on Government participation (Sec. 9 of MO–5)?

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

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.

WESTERN CHEMICAL COMPANY (a corp.) By William D. Bluff
(Name of company) (Signature of authorized official)

March 24, 1952 President
(Date) (Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—64067-2

I.

(a) The property owned and held by the applicant consists of the following mining claims located in the McMillan Mining District in the County of Gila, State of Arizona, and consists of 22 patented mining claims known as Asbestin Numbers 1, 2, 3, 5, 6, 7, 9, 10, 11, 12, 16, 17, 18, 19, 20, 25, 26, and 30; and Rim Rock Numbers 3, 4, and 5; and Rocky Point Number 1; together with 42 unpatented mining claims described as Asbestin Numbers 4, 8, 13, 15, 23, 24, 27, 28, 29, 31, 32, 33, 34, 35, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 51, 52, 53 and 54; Rim Rock Number 8; Rocky Point Numbers 2, 3, 4 and 5; Victory Numbers 1, 3, and 4; Depression Numbers 1, 2, 3, 4, 5 and 6.

(c) The area upon which the exploration is to be conducted is contained in those 4 certain unpatented lode mining claims situated in the McMillan Mining District, Gila County, State of Arizona, the names of which, the dates of recordation, and the book and page of records of mines in the office of the County Recorder of said Gila County, Arizona, are as follows:

LODE NAME	DATE RECORDED	MINING LOC. #	BOOK NO.	PAGE NO.
Asbestin #43	July 5, 1921	57781	35	480
Asbestin #44	July 5, 1921	57782	35	481
Asbestin #51	May 8, 1929	96821	43	384
Asbestin #52	Sept. 26, 1929	99829	43	566

II.

(a) Chrysotile Asbestos Ore, unmilled.

(b) In response to this question, reference is made to the Arizona Bureau of Mines Bulletin Number 126, entitled "Asbestos Deposits of Arizona", copies of which are attached to Form MF-100, and said bulletin is made a part hereof as though fully set out herein. Attention is particularly directed to Pages 37 to 48 inclusive, of said bulletin. The applicant proposes to make a road into the various claims from the existing graded road, and to improve the present grading road to the point where it joins with paved Highway Number 60. With laterals, approximately one to one and one-quarter miles of road will be made, and the graded road will be relocated and regraded at two points. Since very little rainfall is anticipated, road servicing on the new road will not be required or necessary during the exploration phase of the work. Thereafter, applicant proposes to use three one hundred sixty foot compressors and one two hundred ten cubic foot compressors, eight air drilling machines and other necessary equipment, and to employ eight miners. Exploratory tunnels and drifts will be made upon the four claims at points indicated by the geological formation and showings now upon the claims. It is not anticipated that core drilling will be undertaken, unless later developments indicate the advisability thereof. The exploratory work will be spread over the four claims herein insofar as it is possible and advisable to do so.

The total cost of the project, based upon present known costs of equipment and labor is the sum of Sixty-three thousand three hundred sixty-nine and 32/100 dollars ($63,369.32).

(b) Upon the application being approved and funds being made available, work can be commenced forthwith. The project will require six months to complete.

IV.

A photostatic copy of a map showing the relation of the property herein involved to known production is herewith attached, and by reference made a part hereof.

V.

There are no existing facilities, buildings, installations nor fixtures upon the four claims mentioned herein. However, located upon the patented properties owned by the applicant, there is a residence, a warehouse, and a machine shop, all of which will be available for use in the exploration work.

VI.

(a)	The applicant proposes to purchase three trailer houses for living quarters for the crew. The cost of these trailer houses will be $600.00 each, for the total sum of	$ 1,800.00
(b)	Three ore bins will be constructed at a cost of $400.00 each for a total sum of	1,200.00
	Total Cost of Item VI:	$ 3,000.00

VII.

(a)	Rented.	
	1. Road building equipment, fully maintained and driven, 30 days at $80.00 per day	$ 2,400.00
	2. One dump truck, fully maintained and driven, 150 days at $24.00 per day	3,600.00
	3. Three 160 cubic feet compressor units, at $15.00 a day each for 150 days	6,750.00
	4. One 210 cubic foot compressor at $17.00 a day for 150 days	2,550.00
(b)	Purchased.	
	1. Eight air drilling machines at $400.00 each	3,200.00
	2. Drill Steel for 150 days	800.00
	3. Air hose and pipe for drills	500.00
	4. Miscellaneous small tools and items	500.00
	5. Powder, caps and fuse for 150 days	3,000.00
	6. Gas, diesel and oil for 150 days	3,740.00

	7. Mine timber	$ 1,000.00
	8. Four hand-operated mine cars and 1,000 foot of track	1,400.00
(c)	None.	
	Total operating equipment, Item VII	$29,440.00

VIII.

(a)	Eight laborers at $50.00 per week, for eight weeks	3,200.00
(b)	Eight miners at $1.75 per hour each, 8 hours per day for 150 days	16,800.00
(c)	Superintendent, $500.00 per month for six months	3,000.00
(d)	Foreman, $400.00 per month for six months	2,400.00
	Total labor and supervision, Item VIII	$25,400.00

IX.

(a)	Accounting, timekeeping and bookkeeping, $400.00 per month for six months	$ 2,400.00
(b)	Workman's Compensation, Underground Mines and supervision at $10.25 per $100.00 of payroll	2,430.90
	Laborers at $6.61 per $100.00 of payroll	211.52
(c)	Public Liability and property damage insurance	105.90
(d)	Social Security at .015	381.00
(e)	Water is available in sufficient quantities at no cost.	
	Total miscellaneous Item IX	$5,529.32
	TOTAL COST OF PROJECT ----------	$ 63,369.32

X.

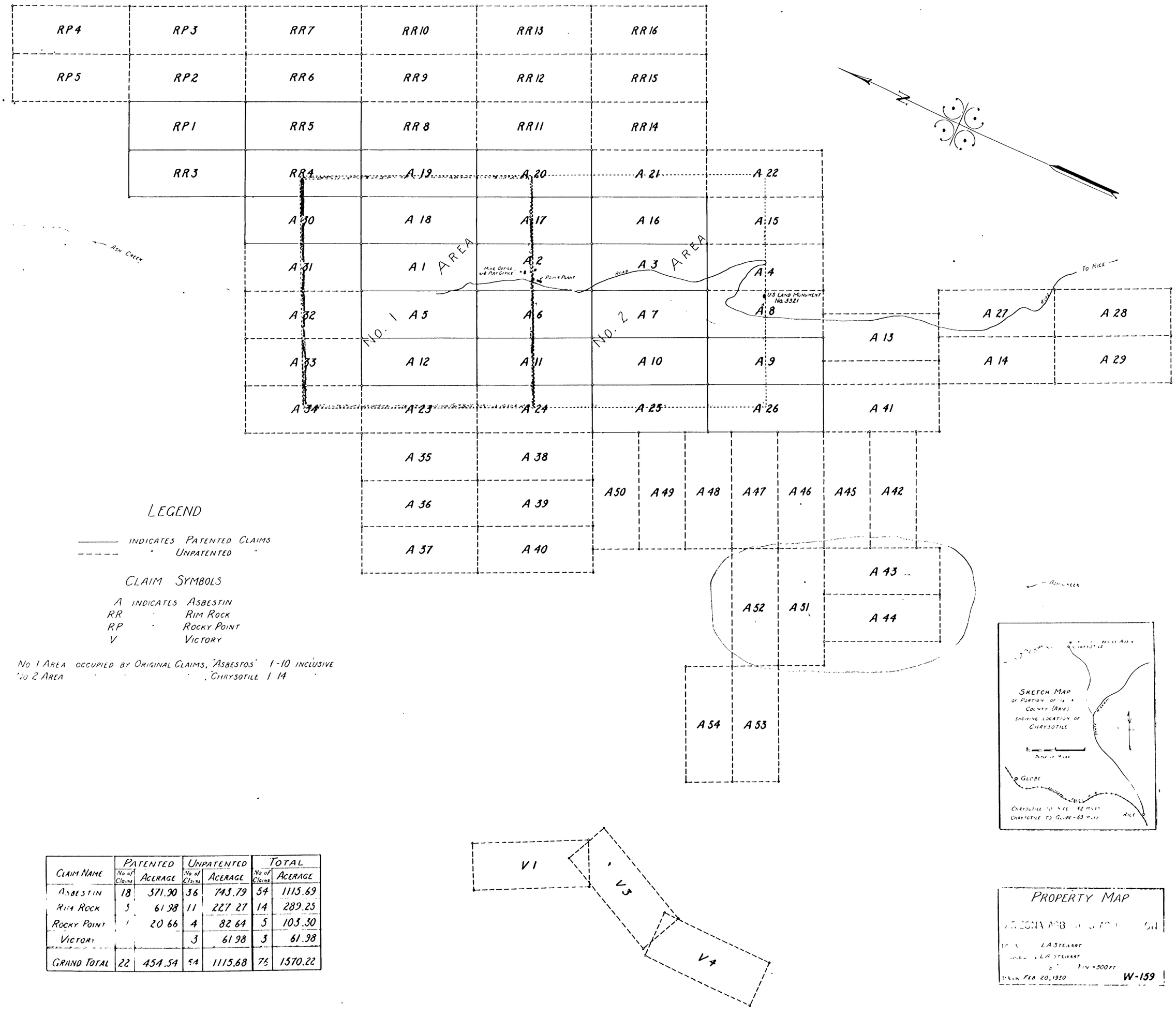
(a) Applicant is prepared to invest in the project the sum of Six Thousand Three Hundred Thirty-Six Dollars Ninty-Five Cents ($6,336.95).

(b) Said amount is sufficient to pay applicant's portion of the cost of said project.

XI.

An associated company owned by the stockholders of this applicant is now successfully engaged in the City of Los Angeles, California, in the commercial processing and fiberizing of asbestos crudes. The said associated company now plans to construct an asbestos cruding mill at Chrysotile, Arizona, for the purpose of cruding asbestos ores, if any

are produced as a result of the exploration project herein planned. Therefore, should asbestos ores in commercial quantities be found as a result of this exploration project, it will then be possible to produce, crude, process and fiberize the asbestos under a unified plan of operation, and within a limited geographical area, thus eliminating excessive freight hauls.



Claim Name	Patented		Unpatented		Total	
	No of Claims	Acerage	No of Claims	Acerage	No of Claims	Acerage
Asbestin	18	371.90	36	743.79	54	1115.69
Rim Rock	3	61.98	11	227.27	14	289.25
Rocky Point	1	20.66	4	82.64	5	103.30
Victory			3	61.98	3	61.98
Grand Total	22	454.54	54	1115.68	76	1570.22