DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMEA ~~DMA~~ Docket No. 2621

DO NOT DETACH THIS SLIP

Action on this document is recorded and controlled in Reports and Records Branch. Any movement of this document between divisions or offices of DMA or movement outside DMA must be reported to the Reports and Records Branch. Actions taken that affect status of the case must also be reported.

This document has been recorded as

EXPLORATION PROJECT

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip Copies to USBM, USGS. One copy was retained by Region IV.

To:	Code 700, Rm. 4640	Date	7-21-52
To:	Oper. Com.	Date	8-4-52
To:	Acting Adm.	Date	
To:	Mails & Files	Date	
To:	Ellis (Docket)	Date	
To:	Oper Com	Date	12-14-53
To:	Code 700	Date	12/15/53
To:		Date	
To:		Date	
To:		Date	
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DO NOT DETACH

CONTROLLED DOCUMENT

790

DOCKET
SURNAME

Ching
Ellis

FEB - 4 1954

Mr. Lisle Wilson
Box N
Ridgway, Colorado

Re: Docket No. DMEA-2621 (Uranium)
Lisle Wilson Claims
Hinsdale County, Colorado

Dear Mr. Wilson:

Reference is made to Mr. W. H. King's letters to you of September 3, 1952, March 20, April 24, and December 21, 1953, requesting proof of valid title to your group of claims.

We have been informed that you have not supplied the information requested, therefore, you are hereby advised that the captioned docket has been closed as of January 21, 1954, in accordance with Mr. King's letter of December 21, 1953.

Sincerely yours,

C. O. Mittendorf

Administrator

MChing:fec 2-4-54
cc to: Adm. Reading File
Docket
Messrs. HDKeiser, Rm. 3641
APButler, Rm. 3212
Mr. Ching
Mr. Ellis
DMEA Field Team, Reg. IV

WITHDRAWN

R.C.B. 2-4-54

2/3/54

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

224 New Customhouse
Denver 2, Colorado

January 27, 1954

Memorandum

To: C. O. Mittendorf, Administrator

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 2621, Lisle Wilson, Montrose, Colo.

We have received no reply from the applicant to our letters of April 24 and December 21, 1953.

We are, therefore, closing this docket.

Shall we notify
applicant??
C Robson

W. H. King

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB - 1 1954

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

224 New Customhouse
Denver 2, Colorado

January 27, 1954

Memorandum

To: C. O. Mittendorf, Administrator

From: Executive Officer, DMEA Field Team, Region IV

Subject: DMEA Docket No. 2621, Lisle Wilson, Montrose, Colo.

We have received no reply from the applicant to our letters of April 24 and December 21, 1953.

We are, therefore, closing this docket.

W. H. King

W. H. King

Department of the Interior
Defense Minerals Administration
RECEIVED
FEB - 1 1954

12/31/53 gla

RECEIVED
DEC 28 1953

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

224 New Customhouse
Denver 2, Colorado

December 21, 1953.

Memorandum

To: Chairman of the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-2621 (Uranium), Lisle Wilson claims, Montrose County, Colorado.

This responds to your letter of December 14, 1953 requesting the status of the subject application.

Mr. Duncan Harrison, who stated that he represented the applicant, called at this office on April 1 and April 27, 1953 and requested that we hold the application open because Mr. Wilson was making application for an A.E.C. lease.

Attached is a copy of our letter to the applicant.

W. H. King

Enclosure

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

Defense Minerals Administration
RECEIVED
DEC 28 1953

224 New Customhouse
Denver 2, Colorado

December 21, 1953.

Memorandum

To: Chairman of the Operating Committee

From: Executive Officer, DMEA Field Team, Region IV

Subject: Docket No. DMEA-2621 (Uranium), Lisle Wilson claims, Montrose County, Colorado.

This responds to your letter of December 14, 1953 requesting the status of the subject application.

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Attached is a copy of our letter to the applicant.

W. H. King

Enclosure

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 28 1953

224 New Customhouse
Denver 2, Colorado

December 21, 1953.

Mr. Lisle Wilson
Box N
Naturita, Colorado

Re: Docket No. DMEA-2621

Dear Mr. Wilson:

We have had no reply to our letter dated April 24, 1953 in which we requested that you submit proof of valid title on the Hard Rock, Berties Beauty, Alice Groups and Butch's Pride Mining Claims.

If we do not receive a reply to this letter before January 21, 1954 we will presume that you are no longer interested in this exploration project and we will close the docket.

Very truly yours,

W H King

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

HMC:cwm

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

FILE COPY
SURNAME:

Ching
Larrabee
Selfridge
Hedges
Wetherson

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

DEC 14 1953

Mr. . P. King
Executive Officer
DMEA Field Team, Region IV
22h New Customhouse Building
Denver 2, Colorado

For Docket No. DMEA-2621 (Uranium)
Lisle Wilson
Lisle Wilson claims
Montrose County, Colorado

Dear Mr. King:

A review of the captioned docket reveals that the application was referred to your office on August 5, 1952, for a field examination and that the Applicant has delayed submitting valid proof of title to the claims which would permit you to process the application.

We would appreciate being advised the present status of this application.

Sincerely yours,

George C. Selfridge (GCS)
Chairman, Operating Committee

APPROVED:

J. H. Hedges (JHH)
Member, Bureau of Mines

D. M. Larrabee (DML)
Member, Geological Survey

MChing/gla/db
12-14-53
cc to: Adm. Reading File
Operating Committee
Docket
Messrs: H. Kaiser, Rm. 3641
A. P. Butler, Jr., Rm. 3212, GSA
Ellis
Ching

12-14-53

4/23/53 gla

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

224 New Customhouse
Denver 2, Colorado

April 24, 1953

Department of the Interior
Defense Minerals Exploration
APR 27 1953

Mr. Lisle Wilson
Box N
Nakurita, Colorado

Re: Docket DMEA 2621

Dear Mr. Wilson:

This will acknowledge receipt of your letter dated April 20 stating that part of your claims are held by you under lease. Whether you own the claims or lease them is of no importance at this time.

What we want to determine is the validity of your mining locations. As we stated in our letter to you of September 3, 1952, the land covered in your application is also held under oil and gas leases. You did not submit the dates of location of your claims, and it is entirely possible that your mining locations were made on dates when the land was open for mineral entry and the locations in this case would be valid. The burden of proof of valid locations rests with you and you should send photostats of your location certificates to the Bureau of Land Management and ask them to advise you if the land was open to mineral entry on the dates of your locations.

If the Bureau of Land Management finds that the oil and gas leases were prior to your dates of location, you may still apply to the A.E.C. for a lease on this ground.

Will you please advise if you are still interested in your proposed exploration work, and if you are making an effort to clear the title to these claims?

Very truly yours,

W. H. King

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

HMC:es

cc: Docket
Mittendorf
Traver
Chron.
Koschmann (2)

3/24/53 gla

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

224 New Customhouse
De ver 2, Colorado

March 20, 1953

Mr. Lisle Wilson
Box N
Naturita, Colorado

Re: DMEA Docket 2621

Dear Mr. Wilson:

We have had no reply to our letter dated September 3, 1952, requesting that you submit proof of valid title to the Hard Rock, Bertie's Beauty, Alice Group, and Dutch's Pride mining claims in Montrose County, Colorado.

Will you please advise if you are no longer interested in exploration aid on these properties, or if you are making an effort to clear title to these claims.

Yours very truly,

W. H. King

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

HMC:ld

cc: Mittendorf ✓
Traver
Koschmann
Subject
Chron.

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

224 New Customhouse
Denver 2, Colorado

March 20, 1953

Mr. Lisle Wilson
Box N
Naturita, Colorado

Re: DMEA Docket 2621

Dear Mr. Wilson:

We have had no reply to our letter dated September 3, 1952, requesting that you submit proof of valid title to the Hard Rock, Bertie's Beauty, Alice Group, and Butch's Pride mining claims in Montrose County, Colorado.

Will you please advise if you are no longer interested in exploration aid on these properties, or if you are making an effort to clear title to these claims.

Yours very truly,

W. H. KING

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

HMC:ld

cc: Mittendorf
Traver
Koschmann
Subject
Chron.

9/15/52

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF THE SECRETARY
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 8 1952

224 New Customhouse
Denver 2, Colorado

September 3, 1952

Mr. Leo J. Coady
P. O. Box 1125
Grand Junction, Colorado

Re: Docket DMEA-2621
Uranium-Vanadium

Dear Mr. Coady:

This will acknowledge receipt of your letter dated August 29 stating the location of the claims of the applicant, Mr. Lisle Wilson.

A check of the records at the Bureau of Land Management indicates that Oil & Gas Leases cover all of Sec. 7 and Sec. 18 except the SW¼ of the SW¼ of Sec. 18. Mr. Wilson's application does not state the dates of location of his claims. The Oil & Gas Leases in these two sections were filed in 1948 and 1949. If the mining locations were prior to these dates, you may file a protest with the Land and Survey Office, Bureau of Land Management, 437 Post Office Building, Denver, Colorado. You should enclose your location certificate or photostats of these certificates. You must show the exact location of your claims with reference to section corners. Your protest should also state that an application has been made for a DMEA loan.

The Bureau of Land Management will then compare your location date with other dates of withdrawals on the public domain in that area. If your date of location is of prior date, they will so advise you, and your title will be valid.

We will hold your application until you submit proof of clear title to these claims.

Very truly yours,

W. H. King

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

HMC:oc
cc: Secretary to the Operating Comm. (2)
WMTrier
LisleWilson, Box N,
Naturita, Colorado
Subject
Chron.
Koschmann (2)

AUG 5 1952

Mr. W. [illegible]
Executive Officer, Region IV
Field Team
224 New [illegible] Building
Denver 2, Colorado

Re: Docket No. [illegible]-2021 (Uranium)
[illegible] Mesa
[illegible] Creek, [illegible] County,
[illegible] Branch [illegible] Ridge
Mining Claims
Montrose County, Colorado

Dear Mr. [illegible]:

The captioned application is referred to your office for a field examination.

[illegible] memorandum [illegible] Mr. [illegible], dated July 25, [illegible], and from Mr. [illegible] Miser dated July [illegible], 1952, outline important questions to be considered by the field team engineers.

In your office recommend either the program submitted by the applicant or an alternate program approved by the applicant, maps or sketches showing the proposed work in relation to the claim lines, with detailed costs of the recommended work as is outlined in Form [illegible] should accompany the report. These costs should be your recommendations based on prevailing rates for the area. The sketches should include any known geology and available sample data as justification for the project.

The description and cost of equipment required to do the work (classified as units to be purchased or rented) and also the fair market value and description of units to be furnished by the operator should accompany the report. If the work recommended is to be done on a unit cost basis by either the operator or a contractor it should be so indicated and a breakdown of the unit cost supplied.

Copies of this application were transmitted to this office with your memorandum dated July 25, [illegible]; therefore we assume the [illegible] was retained by your office.

Very truly yours,

(signed) FRANK E. JOHNSON

Chairman, Operations Committee

J. H. Hedges
Director, Bureau of Mines

J. M. Lemmon
Director, Geological Survey
Colorado

EKnouse/jem
8/1/52
cc to Adm. Reading
Docket
[illegible].D. Keiser-1347
[illegible].P. Butler-3206
Ellis Knouse
Opr. Com.
Field Team, Reg. [illegible]

FILE COPY
SURNAME:

700

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

AUG 5 1952

Mr. Lisle Wilson
Box N
Naturita, Colorado

Re: Docket No. DMEA-2621 (Uranium)
Hard Rock, Berties Beauty,
Alice Groups and Butch's Pride
Mining Claims
Montrose County, Colorado

Dear Mr. Wilson:

The application for assistance in exploring your property in Montrose County, Colorado, under the above captioned docket number, has been reviewed by the Rare and Miscellaneous Metals Division of the Defense Minerals Exploration Administration. Your application has been referred for a field examination to the Executive Officer of Region IV at the following address:

Mr. W. H. King
Executive Officer, Region IV
DMEA Field Team
224 New Customhouse Building
Denver 2, Colorado

The Regional Office will contact you at the earliest opportunity in regard to your project.

Sincerely yours,

C. O. Mittendorf (for) 8-5-52

Acting Administrator

FTKnouse/jem
8/1/52
cc to: Adm. Reading File
Docket
Messrs.H.KKeiser-1347
A.P.Butler-3206 GSA
Ellis Knouse
Field Team, Region IV

FILE COPY
SURNAME:

70

FLKnouse
Ellis

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

AUG 5 1952

Mr. W. [illegible] King
Executive Officer, Region IV
DMEA Field Team
224 New Custom House Building
Denver 2, Colorado

Re: Docket No. D[illegible]-2621 (Uranium)
Lisle Wilson
[illegible]ard Rock, [illegible]ertie Beauty,
Alice Groups and [illegible]tc'n Pride
Mining Claims
Montrose County, Colorado

Dear Mr. King:

The captioned application is referred to your office for a field examination.

Attached copies of memoranda from Mr. Arthur [illegible]. Butler, Jr. dated July 25, 1952, and from Mr. [illegible]. Keiser dated July [illegible]4, 1952, outline important questions to be considered by the field team engineers.

If your office recommends either the program submitted by the applicant or an alternate program approved by the applicant, maps or sketches showing the proposed work in relation to the claim lines, with detailed costs of the recommended work as is outlined in Form [illegible]-[illegible]3 should accompany the report. These costs should be your recommendations based on prevailing rates for the area. The sketches should include any known geology and available sample data as justification for the project.

The description and cost of equipment required to do the work (classified as units to be purchased or rented) and also the fair market value and description of units to be furnished by the operator should accompany the report. If the work recommended is to be done on a unit cost basis by either the operator or a contractor it should be so indicated and a breakdown of the unit cost supplied.

Only three copies of this application were transmitted to this office with your memorandum dated July 15, 1952, therefore we assume the fourth copy was retained by your office.

Sincerely yours,

(signed) FRANK E. JOHNSON
Chairman, Operating Committee

FLKnouse/jem
8/1/52

cc to: Adm.Reading
Docket
H.D.Keiser-1347
A.P.Butler-3206
Ellis Knouse
Opr. Com.
Field Team, Reg. IV

CONCURS: J. H. Hedges (JHB)
Member, Bureau of Mines

D. M. Lemmon (JHB)
Member, Geological Survey

Enclosures

7/30/52 gla

IN REPLY REFER TO:
G:TEPCO:APB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON 25, D. C.

July 25, 1952

Memorandum

To: Ernest Wm. Ellis, DMEA Member, Uranium Commodity Committee

From: A. P. Butler, Jr., USGS Member, Uranium Commodity Committee

Subject: Application DMEA Docket 2621 (uranium), Lisle Wilson, applicant, Naturita, Colorado, Hard Rock, Butch's Pride and Berties Beauty claims, Secs. 7 and 18, T. 46 N., R. 16 W., Montrose Co., Colorado

Information available in the Washington files of the Geological Survey is insufficient to permit a definitive appraisal of the application identified in the subject above. The claims, however, are outside of the belt of ground where geologic conditions are believed to be most favorable for finding good sized bodies of uranium and vanadium ore, and on ground where bodies of mineralized rock are likely to be sparse, small and costly to find. The amount of drilling proposed by the applicant appears excessive, unless results in the early stages of drilling reveal features of the rocks or presence of ore minerals indicative of favorable ground. Nevertheless, assuming that the data with respect to the reported drill hole on Berties Beauty No. 1 claim is valid I recommend referring the application to the Field Team for definitive determination of its merit.

I suggest (1) that the Field Team examiners consult with the staff of the Geological Survey's Plateau Project office and of the Grand Junction Exploration Branch, Atomic Energy Commission to obtain the benefit of their information and suggestions, and (2) that the examiners, subject to their own findings, consider the advisability of greatly reducing the amount of drilling in the initial phase of any exploration recommended. Arrangements should be made, if possible, to have a geologist of the Survey's project staff who is familiar with the local geology of this area accompany the Field Team in its examination of the property. Both the Survey and AEC Grand Junction offices also have considerable information about costs of drilling in the general area that the Field Team probably would find useful in appraising this application.

Arthur P. Butler, Jr.
Arthur P. Butler, Jr.

Enclosure-
DMEA 2621
Copy to: E. Wm. Ellis
Lowell Milbert

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. DMEA-2621
Metal or Mineral
Date Received 7-21-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: LISLE WILSON
BOX N
NATURITA
COLORADO PHONE 8R12, Nucla

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

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

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

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

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

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

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

(*e*) If you own the land, describe any liens or encumbrances on it

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

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

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

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

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

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

16—66551-1

JUL 21 1952

5. *The exploration project.*—(*a*) [redacted]e the mineral or minerals for which you wi[redacted] explore .....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated July 8, 1952

Lisle Wilson
(Applicant)

By OWNER OF CLAIMS

BOX N

NATURITA, COLORADO

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

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

- Answers to Questions - Form MP-103 -

Lisle Wilson
Box N
Naturita
Colorado
Phone 8R12, Nucla

(1).

a). Lisle Wilson
Box N
Naturita
Colorado

b). Not applicable.

c). Not applicable.

d). Not applicable.

(3).

a). All drill holes involved in the exploration project will be within the Hard Rock No. 2, Hard Rock No. 3, Dutchs Pride No. 1, Berties Beauty No. 1 and Berties Beauty No. 2 claims. However, the Alice No. 2, Alice No. 1 and Berties Beauty No. 3 claims to the Northeast will be benefitted by the drilling and are included. The depth of the mineralized sandstone bed below the surface on these last three claims is unknown and is too far from the rim to accurately project its position. Reference is made to the attached claim map and section marked Exhibit "A".

The legal description of the above claims is:

Hard Rock No. 2:

Location Certificate recorded in Book 296, Page 387 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence 1500 feet Northeast to Corner No. 2, thence 600 feet Southeast to Corner No. 3, thence 1500 feet Southwest to Corner No. 4, thence 600 feet Northwest to Corner No. 1, place of beginning. Corner No. 1 of Hard Rock No. 2 is identical with Corner No. 4 of the Hard Rock #1.

Hard Rock No. 3:

Location Certificate recorded in Book 296, Page 388 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence 1500 feet northeast to Corner No. 2, thence 600 feet southeast to Corner No. 3, thence 1500 feet southwest to Corner No. 4, thence 600 feet northwest to Corner No. 1, place of beginning. Corner No. 1 of the Hard Rock No. 3 is identical with Corner No. 4 of the Hard Rock No. 2.

Dutchs Pride No. 1:

Location Certificate recorded in Book 343, Page 91 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to the place of beginning, Corner No. 1.

Lisle Wilson
Box N
Naturita
Colorado

Bertie Beauty No. 1:

Location Certificate recorded in Book 343, Page 82 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to the starting point, Corner No. 1.

Bertie Beauty No. 2:

Location Certificate recorded in Book 343, Page 83 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4 thence 600 feet West to Corner No. 1, the starting point.

Alice No. 2:

Location Certificate recorded in Book 343, Page 80 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Butchs Pride No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to point of beginning. Corner No. 1

Alice #1:
Location Certificate recorded in Book 343, Page 79 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Bertie Beauty No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to point of beginning, Corner No. 1.

Bertie Beauty No. 3:

Location Certificate recorded in Book 343, Page 84 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Bertie Beauty No. 2, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, which coincides with Corner No. 3 of Bertie Beauty No. 2, thence West 600 feet to point of beginning.

b). The claims are not known by any mine name.

c). Applicant is the owner of the claims.

d). Not applicable.

e). There are no liens or encumbrances on the claims.

f). The book and page numbers for each recorded and unpatented claim noted with the legal description above.

Lisle Nilsen
Box N
Naturita
Colorado

(4).

a). Reference is made to the attached map marked Exhibit "A". The map shows the location of the eight claims involved in the exploration project, the rim outcrop of the mineralized bed, the only mine workings consisting of one 50 foot tunnel and two small areas in dotted outline on the Hard Rock No. 3 and the Bertles Beauty No. 1 claims which have been drilled. No other exploration work has been done on the claims. The map also shows the surface topography of the claims. The contour lines were taken from the U. S. Geological Survey Topographic Map "Uravan Quadrangle" and superimposed on the claim map. The map also shows a section developed on the line A-A' in approximately the East-West trend of the proposed drill holes. The formation dips 6 to 8 degrees to the northeast.

The claims have produced no ore. The tunnel at the rim on the Hard Rock No. 3 claim is accessible. Some mineralization was exposed at the rim at the point where the tunnel is located. Weak mineralization was encountered in two holes in the drilled area "A" as noted on the map. Most of the holes are open and can be probed.

2 holes in mineralized rock. Not many holes

In the area drilled on the Bertles Beauty No. 1, the outline of which is dotted on the map and noted as drilled area "B", one of the holes encountered 20 feet of mineralization at 215' to 235'. Five feet of this thickness assayed 0.35% U_3O_8 and 1.50% V_2O_5. The collars of these holes are sealed and can not be probed. Another hole drilled just south of this one is reported to have penetrated the same sandstone bed at 67 feet to 93 feet. While the depths at which the sandstone bed was encountered in the two holes are different, it does furnish some information as to the depth of the holes to be drilled.

b). There is no past production from the mine. There is no ore in sight and no ore reserves can be calculated at the present time. The mine is not in production.

c). The mineralized bed is in the Salt Wash member of the Morrison Formation approximately 75 feet above the Slick Rock. Ore showings at the rim contain the mineral carnotite and are quite similar to other carnotite deposits found on the Colorado Plateau. Likewise, carnotite was present in the core recovered from the hole mentioned above which assayed 0.35% U_3O_8 and 1.50% V_2O_5

About 1½ miles northwest of the property is located the Bitter Creek mines, a productive area belonging to VCA. In this area at a depth of 208 feet below the surface a dark ore of uranium and vanadium has been found containing better values in uranium and vanadium than the carnotite type of ores. This ore is locally known by the miners as blue ore.

It is the opinion of the writer, Leo J. Coady, Consulting Mining Engineer, Grand Junction, Colorado, who prepared this application, that at appreciable depths below the surface or where the overlying cap formations have recently been eroded the mineralization is darker in color with but little carnotite. The uranium is probably present in uranitite in minute particles.

The claims are just outside an area withdrawn by the U. S. Atomic Energy Commission. Producing mines, the Bitter Creek and the Vaughn, lie 1½ miles respectively, to the northwest. One drill hole encountered commercial uranium-vanadium ore at 235 feet below the surface on the Bertles Beauty No. 1 claim. See attached map marked Exhibit "A". Around the rim and at a few other places the terrain is rugged and is covered with Pinion pine and scrub cedar. The remainder of the surface area of the claims is a gently sloping mesa. A dozer rented on a part time basis will be

Lisle Wilson
Box N
Naturita
Colorado

needed to construct passable roads for moving the drills and to prepare drill hole sites.

There are no Geologic or Engineering reports on the property.

It is the opinion of the writer that a drilling program as outlined above, if completed, will make new ore discoveries which will add materially to the uranium ore potential of the Colorado Plateau. Geologic structure and features are favorable.

d). The claims are located ½ mile off the Long Park road. The distance from the claims to the VCA processing plant at Naturita is 8 miles over a fair gravelled road. The claims are readily accessible. All necessary mining supplies can be obtained at Naturita or Uravan, Colorado. It is 22 miles from the claims to UVVA processing plant at Uravan, Colorado.

e). The labor supply is ample for all purposes. Necessary equipment can be had on a rental basis or can be purchased. Mining supplies are available. Water for drilling will have to be hauled from the river below Naturita, a distance of 8 miles.

(5).

a). Uranium-Vanadium minerals. (carnotite, pitchblende, etc.)

b). Reference is made to the attached map marked Exhibit "A" showing the location of the proposed drill holes. The contour map and section along the line A-A', show the expected depth of each hole necessary to reach the mineralized bed. It is proposed to core drill the area and Applicant is requesting aid to complete the exploration, pursuant to DMEA order 1, under the Defense Production Act of 1950.

Project:

43-	Core drill holes @ 230' -	9890 feet
24-	" " " @ 100' -	2400 "
10-	Random Holes to establish trend-	1200 "
	Total footage requested -	13490 feet

Applicant proposes to rent on a monthly basis the following equipment:

2- Core Drill Rigs (mounted)
1- Water truck with tank (drill water)
1- Cat Dozer (road construction and Drill sites). Part time basis.

Rental on above equipment to be a cost against the project.

Applicant will furnish one pickup truck at use allowance cost to the project.

c). Applicant will start the work within 30 days after an exploration contract is signed. Exploration work will be completed within 3½ months after exploration contract is signed.

Lisle Wilson
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Colorado

d). Mr. Lisle Wilson, the Applicant, will direct the drilling operation. Mr. Leo J. Coady, Consulting Mining Engineer, will probably act as Consultant. It has not yet been determined who will act as Superintendent and Engineer in the field. However, one person will take care of the duties of both.

Mr. Wilson's background of uranium mining experience on the Colorado Plateau covers the past thirty-five years. His first work was with the old Standard Chemical Company back in 1910. Acting in various capacities he served this Company for a period of ten years. During this time he gained experience in the mining and development of uranium properties and in the grading, sorting and processing of uranium ores.

Following his services with the Standard Chemical Company he was employed by the Radium Luminous Material Company. Over a period of two years he served this Company in various types of work, all pertinent to the uranium mining business.

Concluding his work with Radium Luminous Material Company, he next joined Vanadium Corporation of America. During his services with VCA over a period of four years, he acquired a back-ground of experience in the treatment and processing of uranium ores at the Naturita plant.

In addition to his activities in the uranium industry he has conducted a successful grocery business in Nucla and Naturita for the past fifteen years. He is a citizen of the United States; a taxpayer and with his family is now living at Naturita, Colorado.

(6).

a), b), c), d), e), f) and g):

Costs based on: Total footage 1340 feet; Advance 150 ft/dy. (2 core drills at 75' each). Time to complete drilling 90 days or 3½ months, (26 working days per month).

Equipment rental, Operating & Supply costs:

	PER MONTH	3½ MONTHS	
2- Core drills (mounted). Cost $8400. Rental @ $800/mo. -	$800	$2800	
Drill operating expenses (drill rods, core barrels, gas, oil, repairs etc. -	1625	5687	
Diamond drill bits, re-setting diamonds, bit repairs, etc. @ 40¢/ft. -	1560	5460	
1- Water truck and tank, Cost $2000, rental -	150	525	
Operating expenses, gas, oil, repairs, etc.	250	875	
1- D7 Cat Dozer, rental @ $100/dy - 40 dys. -		4000	
1- Pickup Truck (furnished by Operator, cost $1800. Use allowance @ 1/60/mo -	30	115	
Operating expenses, gas, oil & services @ 10¢/mi. 2000 mi/mo -	200	700	
100- Core boxes (2' x 5') @ $3 each -	-	300	
Cost of moving drills in and out -		1200	$21662

Direct Labor costs:

2- Drill Operators @ $20/dy. each -	$1040	$3640	
2- Drill Helpers @ $16/dy. each -	832	2912	
1- Truck Driver (water tank @ $15/dy.) -	390	1365	7917

Lisle Wilson
Box H
Naturita
Colorado

Indirect Labor costs:	PER MONTH	3½ MONTHS	
1- Superintendent & Engineer (combined) @ $800/mo. -	$ 800	$2800	
Consulting Services -	500	1750	
Accounting expenses (part time) -	300	1050	
Assaying expenses (part time) -	300	1050	
Payroll taxes (10%) -	-	1456	$8106

Total estimated cost of project - $37685

Total estimated cost per foot - $2.30

There are no buildings on the claims and none are required.

It is estimated by projection that the average depth of the 43 holes on Dutchs Pride No. 1, Bertiee Beauty No. 1 and Bertiee Beauty No. 2 will be 230 feet. See (5), b) page 4 above. Should the average depth of these holes prove greater than this, it is requested that a contingency fund of $3000 to defray the additional cost of drilling be allowed.

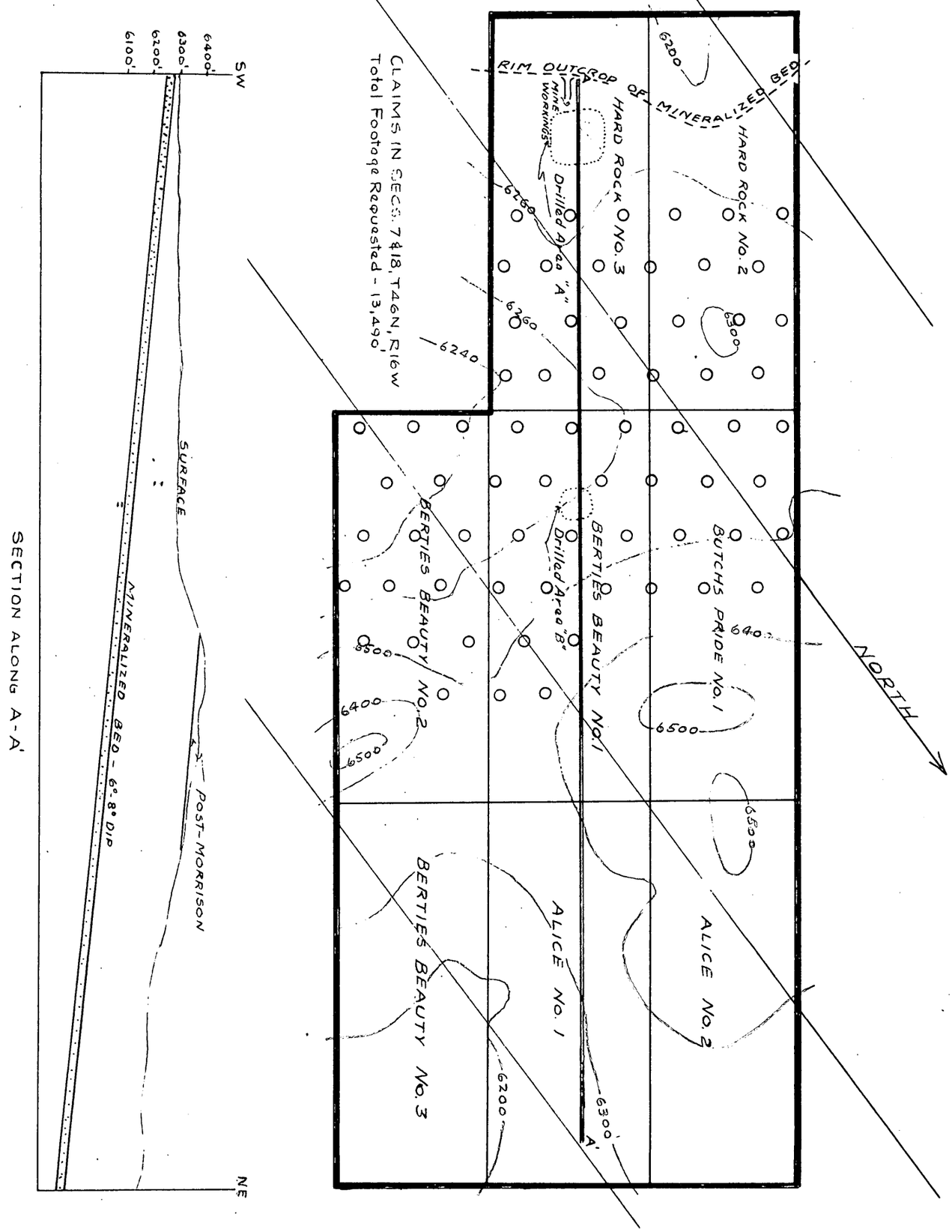
(7).

a). Applicant is prepared to furnish his share of the above estimated cost of the project.

Applicant's share 10% of $37685 - $3768.50

b). Applicant is prepared and if requested, will deposit his share ($3768.50) of the cost of the project in any bank designated by Defense Minerals Exploration Administration.

EXHIBIT "A"



CLAIM MAP AND SECTION SHOWING
LOCATION OF PROPOSED EXPLORATION DRILL HOLES
LISLE WILSON CLAIMS
SOUTH LONG PARK AREA, COLORADO

SCALE 1" = 500' 6-28-52 L. J. COADY

EXHIBIT "A"

7/29/52 gla

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
WASHINGTON 25, D. C.

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
JUL 28 1952

July 24, 1952

Memorandum

To: Ernest William Ellis, DMEA Member, Uranium Commodity Committee

From: H. D. Keiser, Bureau of Mines Member, Uranium Commodity Committee

Subject: DMEA docket 2621, Lisle Wilson, Box N, Naturita, Colo.

I have reviewed the application included in the subject docket and discussed it with Arthur P. Butler, Geological Survey Member, who I understand has discussed it with Richard P. Fischer, formerly Project Geologist, of the Geological Survey, on the Colorado Plateau.

It is recommended that the application be referred to the field team for investigation and report, with the suggestion that the team consult Mr. Lowell Hilpert, Geological Survey, and Mr. Ernest Gordon, Atomic Energy Commission, Grand Junction, Colo.

It is further recommended that the field team be asked to report specifically as to whether all the drilling covered by the application is advisable initially, and whether the estimated cost of $2.80 per foot for core drilling, specified in the application, is a realistic estimate.

H D Keiser
H. D. Keiser

Attachments

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. DMEA-2621
Metal or Mineral
Date Received 7-21-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Lisle Wilson
Box N
Naturita
Colorado Phone 8R12 Nucla

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

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

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

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

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

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

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

(*e*) If you own the land, describe any liens or encumbrances on it

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

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

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

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

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

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

16—66551-1

JUL 21 1952

5. *The exploration project.*—(*a*) [redacted]e the mineral or minerals for which you wis[redacted] explore .....

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated JULY 8, 195 2

Lick Wilson
(Applicant)

By OWNER OF CLAIMS

BOX N

NATURITA, COLORADO

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

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

- Answers to Questions - Form MP-103 -

Lisle Wilson
Box N
Naturita
Colorado
Phone 8R12, Nucla

(1).

a). Lisle Wilson
Box N
Naturita
Colorado

b). Not applicable.

c). Not applicable.

d). Not applicable.

(3).

a). All drill holes involved in the exploration project will be within the Hard Rock No. 2, Hard Rock No. 3, Butchs Pride No. 1, Berties Beauty No. 1 and Berties Beauty No. 2 claims. However, the Alice No. 2, Alice No. 1 and Berties Beauty No. 3 claims to the Northeast will be benefitted by the drilling and are included. The depth of the mineralized sandstone bed below the surface on these last three claims is unknown and is too far from the rim to accurately project its position. Reference is made to the attached claim map and section marked Exhibit "A".

The legal description of the above claims is:

Hard Rock No. 2:

Location Certificate recorded in Book 296, Page 387 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence 1500 feet Northeast to Corner No. 2, thence 600 feet Southeast to Corner No. 3, thence 1500 feet Southwest to Corner No. 4, thence 600 feet Northwest to Corner No. 1, place of beginning. Corner No. 1 of Hard Rock No. 2 is identical with Corner No. 4 of the Hard Rock #1.

Hard Rock No. 3:

Location Certificate recorded in Book 296, Page 388 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence 1500 feet northeast to Corner No. 2, thence 600 feet southeast to Corner No. 3, thence 1500 feet southwest to Corner No. 4, thence 600 feet northwest to Corner No. 1, place of beginning. Corner No. 1 of the Hard Rock No. 3 is identical with Corner No. 4 of the Hard Rock No. 2.

Butchs Pride No. 1:

Location Certificate recorded in Book 343, Page 91 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to the place of beginning, Corner No. 1.

Lisle Wilson
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Berties Beauty No. 1:

Location Certificate recorded in Book 343, Page 82 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to the starting point, Corner No. 1,

Berties Beauty No. 2:

Location Certificate recorded in Book 343, Page 83 of the records of Montrose County, Colorado.

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Location Certificate recorded in Book 343, Page 80 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Butahs Pride No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to point of beginning. Corner No. 1

Alice #1:
Location Certificate recorded in Book 343, Page 79 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Berties Beauty No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to point of beginning, Corner No. 1.

Berties Beauty No. 3:

Location Certificate recorded in Book 343, Page 84 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Berties Beauty No. 2, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, which coincides with Corner No. 3 of Berties Beauty No. 2, thence West 600 feet to point of beginning.

b). The claims are not known by any mine name.

c). Applicant is the owner of the claims.

d). Not applicable.

e). There are no liens or encumbrances on the claims.

f). The book and page numbers for each recorded and unpatented claim noted with the legal description above.

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(4).

a). Reference is made to the attached map marked Exhibit "A". The map shows the location of the eight claims involved in the exploration project, the rim outcrop of the mineralized bed, the only mine workings consisting of one 50 foot tunnel and two small areas in dotted outline on the Hard Rock No. 3 and the Berties Beauty No. 1 claims which have been drilled. No other exploration work has been done on the claims. The map also shows the surface topography of the claims. The contour lines were taken from the U. S. Geological Survey Topographic Map "Uravan Quadrangle" and superimposed on the claim map. The map also shows a section developed on the line A-A' in approximately the East-West trend of the proposed drill holes. The formation dips 6 to 8 degrees to the northeast.

The claims have produced no ore. The tunnel at the rim on the Hard Rock No. 3 claim is accessible. Some mineralization was exposed at the rim at the point where the tunnel is located. Weak mineralization was encountered in two holes in the drilled area "A" as noted on the map. Most of the holes are open and can be probed.

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b). There is no past production from the mine. There is no ore in sight and no ore reserves can be calculated at the present time. The mine is not in production.

c). The mineralized bed is in the Salt Wash member of the Morrison Formation approximately 75 feet above the Slick Rock. Ore showings at the rim contain the mineral carnotite and are quite similar to other carnotite deposits found on the Colorado Plateau. Likewise, carnotite was present in the core recovered from the hole mentioned above which assayed 0.35% U_3O_8 and 1.50% V_2O_5

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It is the opinion of the writer, Leo J. Coady, Consulting Mining Engineer, Grand Junction, Colorado, who prepared this application, that at appreciable depths below the surface or where the overlying cap formations have recently been eroded the mineralization is darker in color with but little carnotite. The uranium is probably present in uranitite in minute particles.

The claims are just outside an area withdrawn by the U. S. Atomic Energy Commission. Producing mines, the Bitter Creek and the Vaughn, lie 1½ miles respectively, to the northwest. One drill hole encountered commercial uranium-vanadium ore at 235 feet below the surface on the Berties Beauty No. 1 claim. See attached map marked Exhibit "A". Around the rim and at a few other places the terrain is rugged and is covered with Pinion pine and scrub cedar. The remainder of the surface area of the claims is a gently sloping mesa. A dozer rented on a part time basis will be

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Colorado

needed to construct passable roads for moving the drills and to prepare drill hole sites.

There are no Geologic or Engineering reports on the property.

It is the opinion of the writer that a drilling program as outlined above, if completed, will make new ore discoveries which will add materially to the uranium ore potential of the Colorado Plateau. Geologic structure and features are favorable.

d). The claims are located ½ mile off the Long Park road. The distance from the claims to the VCA processing plant at Naturita is 8 miles over a fair gravelled road. The claims are readily accessible. All necessary mining supplies can be obtained at Naturita or Uravan, Colorado. It is 22 miles from the claims to USVA processing plant at Uravan, Colorado.

e). The labor supply is ample for all purposes. Necessary equipment can be had on a rental basis or can be purchased. Mining supplies are available. Water for drilling will have to be hauled from the river below Naturita, a distance of 8 miles.

(5).

a). Uranium-Vanadium minerals. (carnotite, pitchblende, etc.)

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Box N
Naturita
Colorado

d). Mr. Lisle Wilson, the Applicant, will direct the drilling operation. Mr. Leo J. Coady, Consulting Mining Engineer, will probably act as Consultant. It has not yet been determined who will act as Superintendent and Engineer in the field. However, one person will take care of the duties of both.

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(6),

a), b), c), d), e), f) and g):

Costs based on: Total footage 13490 feet; Advance 150 ft/dy. (2 core drills at 75' each). Time to complete drilling 90 days or 3½ months, (26 working days per month).

Equipment rental, Operating & Supply costs:

	PER MONTH	3½ MONTHS	
2- Core drills (mounted). Cost $8400. Rental @ $800/mo. -	$800	$2800	
Drill operating expenses (drill rods, core barrels, gas, oil, repairs etc. -	1625	5687	
Diamond drill bits, re-setting diamonds, bit repairs, etc. @ 40¢/ft. -	1560	5460	
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Operating expenses, gas, oil, repairs, etc.	250	875	
1- D7 Cat Dozer, rental @ $100/dy - 40 dys. -		4000	
1- Pickup Truck (furnished by Operator, cost $1800. Use allowance @ 1/60/mo -	30	115	
Operating expenses, gas, oil & services @ 10¢/mi. 2000 mi/mo -	200	700	
100- Core boxes (2' X 5') @ $3 each -	-	300	
Cost of moving drills in and out -		1200	$21662

Direct Labor costs:

2- Drill Operators @ $20/dy. each -	$1040	$3640	
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Lisle Wilson
Box N
Naturita
Colorado

Indirect Labor costs:	PER MONTH	3½ MONTHS	
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Payroll taxes (10%) -	-	1456	$8106
Total estimated cost of project -			$37685
Total estimated cost per foot -			$2.80

There are no buildings on the claims and none are required.

It is estimated by projection that the average depth of the 43 holes on Butahs Pride No. 1, Bertie's Beauty No. 1 and Bertie's Beauty No. 2 will be 230 feet. See (5), b) page 4 above. Should the average depth of these holes prove greater than this, it is requested that a contingency fund of $3000 to defray the additional cost of drilling be allowed.

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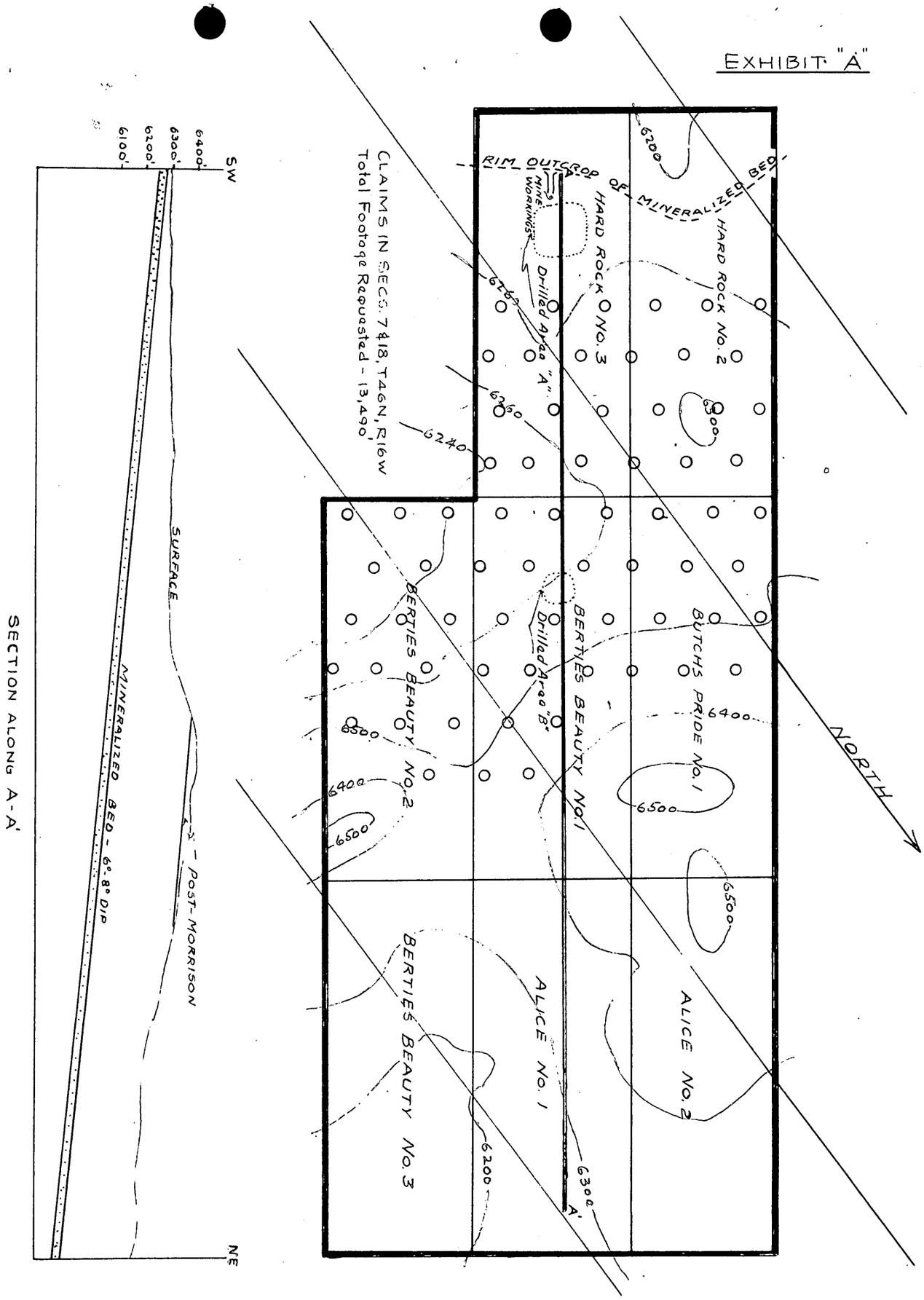
Applicant's share 10% of $37685 - $3768.50

b). Applicant is prepared and if requested, will deposit his share ($3768.50) of the cost of the project in any bank designated by Defense Minerals Exploration Administration.

EXHIBIT "A"



CLAIM MAP AND SECTION SHOWING
LOCATION OF PROPOSED EXPLORATION DRILL HOLES
LISLE WILSON CLAIMS
SOUTH LONG PARK AREA, COLORADO

SCALE 1" = 500' 6-28-52 L. J. COADY

EXHIBIT "A"

SD

July 21, 1952

Memorandum

To: Executive Officer, DMEA Field Team, Region IV

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There are listed below the assigned Docket Numbers to applications recently submitted from Region IV.

DMEA-2613 - Ace Building and Roofing Supplies

DMEA-2621 - Lisle Wilson

ROBERT E. ADAMS

Chief, Operation's Control
and Statistics Division

cc: Mails & Files

EXPLORATION

Subject: DMEA-2621
Re: Exploration Loan
Hard Rock Nos. 1, 2, and 3 Claims, etc.
July,21, 1952

Mr. Lisle Wilson
Box N
Naturita, Colorado

My dear Mr. Wilson:

This will acknowledge receipt of your application dated July 8, 1952, for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMEA-2621 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2621 in any future correspondence relating to your application.

Sincerely yours,

ROBERT E. ADAMS

Robert E. Adams
Chief, Operation's Control and Statistics Divisions

7862

DMEA-2621

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

224 New Customhouse
Denver 2, Colorado

July 15, 1952

Memorandum

To: Secretary to the Operating Committee, Defense Minerals Exploration Administration

From: Field Team, Region IV

Subject: (Uranium) Application of Lisle Wilson, Box N, Naturita, Colorado

Enclosed are three copies of subject application for exploration aid in an amount exceeding our delegated authority.

W. H. King
W. H. King

Donald R. Macharen
for
A. H. Koschmann

Enclosures

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

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W. H. King
W. H. King

Donald R. MacLaren
for
A. H. Koschmann

Enclosures

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. DMEA-2621
Metal or Mineral
Date Received 7-21-52
Estimated Cost
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Lisle Wilson
Box N
Naturita
Colorado Phone 8R12, Nucla

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

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

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

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

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

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise

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

(*e*) If you own the land, describe any liens or encumbrances on it

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

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

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

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

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

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

16—66551-1

JUL 21 1952

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

☐ Money ☐ Use of equipment owned by you ☐ Other

Explain in detail on acompanying paper.

CERTIFICATION

The undersigned, whether as an individual, corporate officer, partner, or otherwise, both in his own behalf and acting for the applicant, certifies that the information set forth in this form and accompanying papers is correct and complete, to the best of his knowledge and belief.

Dated JULY 8, 1952

Lisle Wilson
(Applicant)

By OWNER OF CLAIMS

BOX N

NATURITA, COLORADO

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

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

- Answers to Questions - Form MF-103 -

Lisle Wilson
Box N
Naturita
Colorado
Phone 8R12, Nucla

(1).

a). Lisle Wilson
Box N
Naturita
Colorado

b). Not applicable.

c). Not applicable.

d). Not applicable.

(3).

a). All drill holes involved in the exploration project will be within the Hard Rock No. 2, Hard Rock No. 3, Butchs Pride No. 1, Berties Beauty No. 1 and Berties Beauty No. 2 claims. However, the Alice No. 2, Alice No. 1 and Berties Beauty No. 3 claims to the Northeast will be benefitted by the drilling and are included. The depth of the mineralized sandstone bed below the surface on these last three claims is unknown and is too far from the rim to accurately project its position. Reference is made to the attached claim map and section marked Exhibit "A".

The legal description of the above claims is:

Hard Rock No. 2:

Location Certificate recorded in Book 296, Page 387 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence 1500 feet Northeast to Corner No. 2, thence 600 feet Southeast to Corner No. 3, thence 1500 feet Southwest to Corner No. 4, thence 600 feet Northwest to Corner No. 1, place of beginning. Corner No. 1 of Hard Rock No. 2 is identical with Corner No. 4 of the Hard Rock #1.

Hard Rock No. 3:

Location Certificate recorded in Book 296, Page 388 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence 1500 feet northeast to Corner No. 2, thence 600 feet southeast to Corner No. 3, thence 1500 feet southwest to Corner No. 4, thence 600 feet northwest to Corner No. 1, place of beginning. Corner No. 1 of the Hard Rock No. 3 is identical with Corner No. 4 of the Hard Rock No. 2.

Butchs Pride No. 1:

Location Certificate recorded in Book 343, Page 91 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to the place of beginning, Corner No. 1.

Lisle Wilson
Box N
Naturita
Colorado

Berties Beauty No. 1:

Location Certificate recorded in Book 343, Page 82 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to the starting point, Corner No. 1.

Berties Beauty No. 2:

Location Certificate recorded in Book 343, Page 83 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4 thence 600 feet West to Corner No. 1, the starting point.

Alice No. 2:

Location Certificate recorded in Book 343, Page 80 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Butchs Pride No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to point of beginning. Corner No. 1

Alice #1:
Location Certificate recorded in Book 343, Page 79 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Berties Beauty No. 1, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, thence West 600 feet to point of beginning, Corner No. 1.

Berties Beauty No. 3:

Location Certificate recorded in Book 343, Page 84 of the records of Montrose County, Colorado.

Beginning at Corner No. 1, which coincides with Corner No. 2 of Berties Beauty No. 2, thence North 1500 feet to Corner No. 2, thence East 600 feet to Corner No. 3, thence South 1500 feet to Corner No. 4, which coincides with Corner No. 3 of Berties Beauty No. 2, thence West 600 feet to point of beginning.

b). The claims are not known by any mine name.

c). Applicant is the owner of the claims.

d). Not applicable.

e). There are no liens or encumbrances on the claims.

f). The book and page numbers for each recorded and unpatented claim noted with the legal description above.

Lisle Wilson
Box N
Naturita
Colorado

(4).

a). Reference is made to the attached map marked Exhibit "A". The map shows the location of the eight claims involved in the exploration project, the rim outcrop of the mineralized bed, the only mine workings consisting of one 50 foot tunnel and two small areas in dotted outline on the Hard Rock No. 3 and the Berties Beauty No. 1 claims which have been drilled. No other exploration work has been done on the claims. The map also shows the surface topography of the claims. The contour lines were taken from the U. S. Geological Survey Topographic Map "Urayan Quadrangle" and superimposed on the claim map. The map also shows a section developed on the line A-A' in approximately the East-West trend of the proposed drill holes. The formation dips 6 to 8 degrees to the northeast.

The claims have produced no ore. The tunnel at the rim on the Hard Rock No. 3 claim is accessible. Some mineralization was exposed at the rim at the point where the tunnel is located. Weak mineralization was encountered in two holes in the drilled area "A" as noted on the map. Most of the holes are open and can be probed.

In the area drilled on the Berties Beauty No. 1, the outline of which is dotted on the map and noted as drilled area "B", one of the holes encountered 20 feet of mineralization at 215' to 235'. Five feet of this thickness assayed 0.35% U3O8 and 1.50% V2O5. The collars of these holes are caved and can not be probed. Another hole drilled just south of this one is reported to have penetrated the same sandstone bed at 67 feet to 93 feet. While the depths at which the sandstone bed was encountered in the two holes are different, it does furnish some information as to the depth of the holes to be drilled.

b). There is no past production from the mine. There is no ore in sight and no ore reserves can be calculated at the present time. The mine is not in production.

c). The mineralized bed is in the Salt Wash member of the Morrison Formation approximately 75 feet above the Slick Rock. Ore showings at the rim contain the mineral carnotite and are quite similar to other carnotite deposits found on the Colorado Plateau. Likewise, carnotite was present in the core recovered from the hole mentioned above which assayed 0.35% U3O8 and 1.50% V2O5

About 1½ miles northwest of the property is located the Bitter Creek mines, a productive area belonging to VCA. In this area at a depth of 200 feet below the surface a dark ore of uranium and vanadium has been found containing better values in uranium and vanadium than the carnotite type of ores. This ore is locally known by the miners as blue ore.

It is the opinion of the writer, Leo J. Coady, Consulting Mining Engineer, Grand Junction, Colorado, who prepared this application, that at appreciable depths below the surface or where the overlying cap formations have recently been eroded the mineralization is darker in color with but little carnotite. The uranium is probably present in uranitite in minute particles.

The claims are just outside an area withdrawn by the U. S. Atomic Energy Commission. Producing mines, the Bitter Creek and the Vaughn, lie 1½ miles respectively, to the northwest. One drill hole encountered commercial uranium-vanadium ore at 235 feet below the surface on the Berties Beauty No. 1 claim. See attached map marked Exhibit "A". Around the rim and at a few other places the terrain is rugged and is covered with Pinion pine and scrub cedar. The remainder of the surface area of the claims is a gently sloping mesa. A dozer rented on a part time basis will be

Lisle Wilson
Box N
Naturita
Colorado

needed to construct passable roads for moving the drills and to prepare drill hole sites.

There are no Geologic or Engineering reports on the property.

It is the opinion of the writer that a drilling program as outlined above, if completed, will make new ore discoveries which will add materially to the uranium ore potential of the Colorado Plateau. Geologic structure and features are favorable.

d). The claims are located ½ mile off the Long Park road. The distance from the claims to the VCA processing plant at Naturita is 8 miles over a fair gravelled road. The claims are readily accessible. All necessary mining supplies can be obtained at Naturita or Uravan, Colorado. It is 22 miles from the claims to USVA processing plant at Uravan, Colorado.

e). The labor supply is ample for all purposes. Necessary equipment can be had on a rental basis or can be purchased. Mining supplies are available. Water for drilling will have to be hauled from the river below Naturita, a distance of 8 miles.

(5).

a). Uranium-Vanadium minerals. (carnotite, pitchblende, etc.)

b). Reference is made to the attached map marked Exhibit "A" showing the location of the proposed drill holes. The contour map and section along the line A-A', show the expected depth of each hole necessary to reach the mineralized bed. It is proposed to core drill the area and Applicant is requesting aid to complete the exploration, pursuant to DMEA order 1, under the Defense Production Act of 1950.

Project:

43- Core drill holes @ 230' -	9890 feet
24- " " " @ 100' -	2400 "
10- Random Holes to establish trend-	1200 "
Total footage requested -	13490 feet

Applicant proposes to rent on a monthly basis the following equipment:

2- Core Drill Rigs (mounted)
1- Water truck with tank (drill water)
1- Cat Dozer (road construction and Drill sites). Part time basis.

Rental on above equipment to be a cost against the project.

Applicant will furnish one pickup truck at use allowance cost to the project.

c). Applicant will start the work within 30 days after an exploration contract is signed. Exploration work will be completed within 3½ months after exploration contract is signed.

Lisle Wilson
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Colorado

d). Mr. Lisle Wilson, the Applicant, will direct the drilling operation. Mr. Leo J. Coady, Consulting Mining Engineer, will probably act as Consultant. It has not yet been determined who will act as Superintendent and Engineer in the field. However, one person will take care of the duties of both.

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Naturita
Colorado

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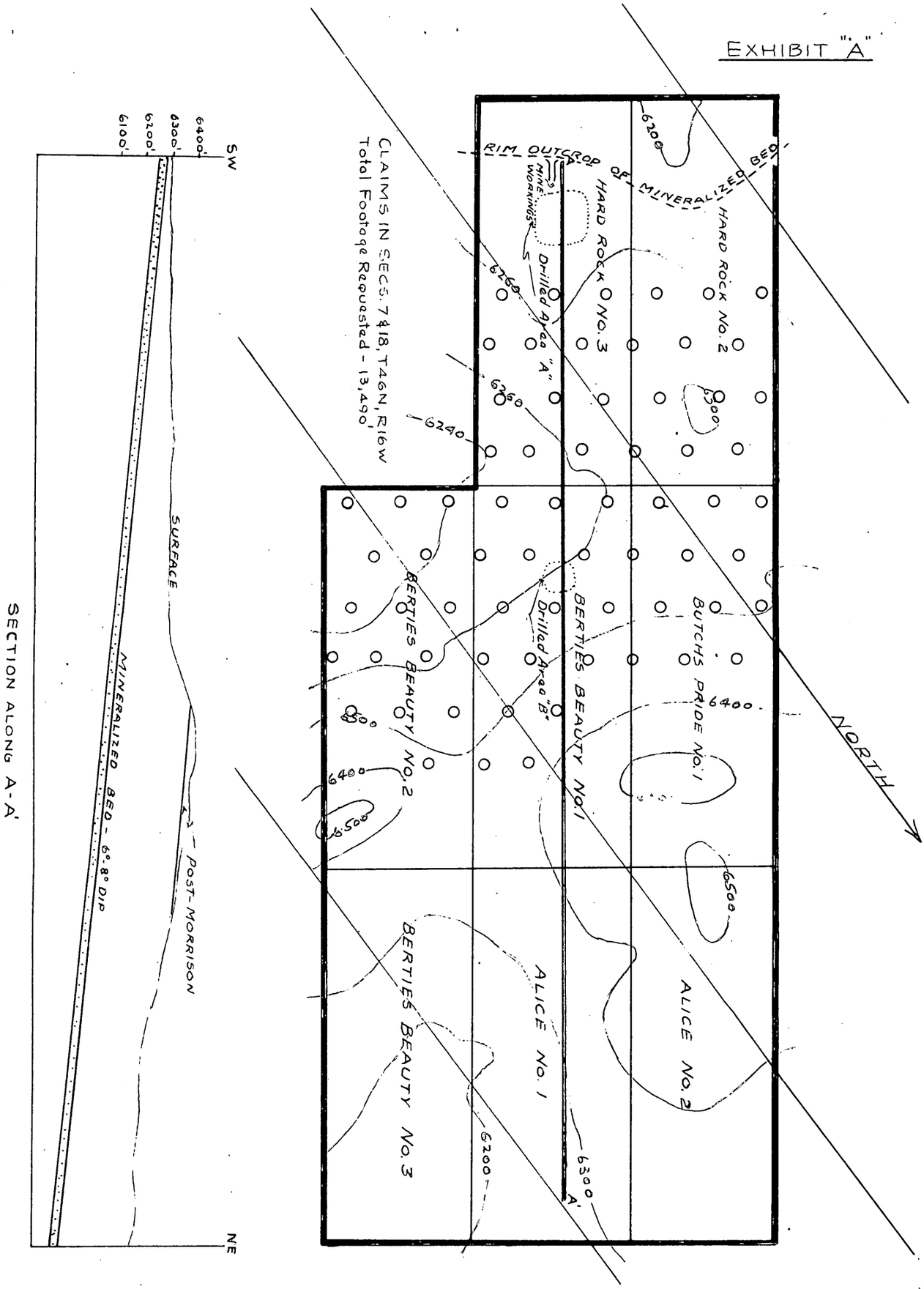

CLAIM MAP AND SECTION SHOWING
LOCATION OF PROPOSED EXPLORATION DRILL HOLES
LISLE WILSON CLAIMS
SOUTH LONG PARK AREA, COLORADO

SCALE 1" = 500' 6-28-52 L. J. COADY

EXHIBIT "A"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE $300
(PMGC)

SPOKANE
JUL 17
5 30 PM
1952
WASH.

2

Mr. Frank E. Johnson, Chairman

Operating Committee

Defense Minerals Exploration Administration

Department of the Interior

Washington 25, D. C.