DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. DMEA-2855

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.
One copy to USBM., USGS. & REGION III
This document has been recorded as

EXPLORATION ASSISTANCE

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

To: Code 700, Room 4640 Date 1/19/53

To: Oper Com Date 6-1-53

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

To: _____ Date _____

DO NOT DETACH

CONTROLLED DOCUMENT

MME Form 7
(10-58)

OFFICIAL FILE COPY

Date	Surname	Code
3/11/59	Knowles	700
3/13	Selfridge	120
		110
		100
		220
	DMEA-3882	225

Mr. Arthur E. Granger, Chief
Salt Lake Branch
Production Evaluation Division
Atomic Energy Commission
222 South West Temple, Room 210
Salt Lake City, Utah

MAR 13 1959

Re: PSL:BB:mkc

Dear Mr. Granger:

In accordance with your request of March 6, we are enclosing copies of the following property on-site examination reports:

DMEA-3882 Knowles Fisher Corporation, Radiant claims, Lemhi County, Idaho

DMEA-3974 Western Gold & Uranium, Inc., Silver Reef Mines, Washington County, Utah

DMEA-4291 Ralph E. Patton, et al., Foolproof claims, Custer County, Idaho

DMEA-4575 Idaho Nevada Uranium Corporation, Queen, et al., claims, Elko County, Nevada

We have requested our Reno, Nevada, office to forward a copy of the on-site examination report for Docket No. DMEA-4501, Kern Uranium Company, Little Sparkler and McTom claims, Kern County, California.

No DMEA reports are available because no on-site examinations were made of the following properties:

DMEA-2855 Allen R. Kleinkauf and Donald B. McGee, Minnie Lee and Fiend group of claims, San Bernardino County, California

DMEA-3759 Fall Creek Uranium Corporation, Inc., claims in Caribou Mountains, Bonneville County, Idaho.

FLKnouse/gla 3-11-59
cc to: Director's R. File
Operating Committee
FLKnouse
Regions I, II, and III, w/cc incoming letter

Sincerely yours,

(signed) FRANK E. JOHNSON

Acting Director

Enclosures

43683

UNITED STATES
ATOMIC ENERGY COMMISSION
SALT LAKE AREA OFFICE
222 SOUTH WEST TEMPLE, ROOM 210
SALT LAKE CITY, UTAH

IN REPLY REFER TO:
PSL:BB:mkc

March 6, 1959

OFFICIAL FILE COPY
O. M. E.
RECEIVED MAR 9 1959

DATE	INITIALS	CODE
3-9	C	220
"		110
		120
		700
	DMEA-2855	225

The Office of Minerals Exploration
Department of the Interior
Washington 25, D. C.

Dear Sirs:

This office would like to receive one copy each of the following DMEA reports pertaining to properties located within the area of responsibility delegated to the Salt Lake Branch, Production Evaluation Division:

DMEA-2855	D. B. McGee & A. R. Kleinkauf (Minnie Lee and Fiend Claims) San Bernardino County, California
DMEA-3759	Fall Creek Uranium Corp'n Inc., Bonneville County, Idaho
DMEA-3882	Knowles Fisher Corp'n, Lemhi County, Idaho
DMEA-3974	Western Gold & Uranium Inc. (Silver Reef Mines) Washington County, Utah
DMEA-4291	Foolproof Claims, Custer County, Idaho
DMEA-4501	Kern Uranium Company, Kern County, California
DMEA-4575	Idaho Nevada Uranium Corp'n (Queen Claims) Elko County, Nevada

Very truly yours,

Arthur E. Granger

Arthur E. Granger, Chief
Salt Lake Branch
Production Evaluation Division

FILE COPY
SURNAME:

Docket
F.I. Kuykendall
Ellis
Knouse
Hedges
Sethridge
Johnson

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.

JUN 2 1953

Messrs. Allen [illegible] Kleinkauf
and Ocala L. Nolan
2510 Fontanorth
Houston, Texas

Re: Docket No. [illegible]-2155 (Uranium)
[illegible] Mesa Group of
claims, [illegible] County,
[illegible]

Gentlemen:

This is with reference to your application for Government aid to explore the captioned property for uranium ore at an estimated cost of $13,200.00.

Exploration work approved by this agency must, in its judgment, show carbonate prospects yielding material of acceptable grade and in quantities that will improve the mineral supply position for National defense.

A careful study of your application and data available to this agency, and an examination of the property concerned, reveal that the possibility of disclosing minerals are remote. Your proposed exploration program is not related to be sufficiently encouraging to justify Government participation. Under these circumstances, we regret to advise that your application for exploration aid is denied.

If future work at your property reveals evidence which may materially alter this opinion, please be assured we will be glad to consider a new application.

Sincerely yours,

C. O. Mittendorf (for)
Acting Director

6-2-53

WIKnouse/db
5-29-53
cc to: Adm. Reading File
Docket
Messrs. H. L. Keiser, Rm. 3522
A.F. Butler, Jr. Rm. 2306 GSA
J.O. Hosted, Rm. 3210 GSA (2)
Ellis
Knouse
DMA Field Team, Region III (2)
Open Conn

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

May 28, 1953

SUMMARY OF PROPOSED PROJECT

Docket No. DMEA-2855
Applicant: Allen R. Kleinkauf and Donald B. McGee
Subject: Denial of application

Commodity: Uranium
Location of property: San Bernardino County, California Region III

Amount of application: $123,281.00
Date of application: January 13, 1953

Outline of project: Applicant owns four full size lode mining claims, Minnie Lee, Donald Fiend, Dorothy Fiend and Jose Fiend. Proposed exploration consists of scintillometer survey followed by core drilling twenty (20) four hundred (400) feet vertical holes from the surface.

Sample analyses that were taken from two prospect pits on the property contained .03% U_3O_8 and .07% U_3O_8.

A scintillometer traverse was made by A.E.C. of this area on May 4, 1953, and the results were so poor as to practically eliminate any thought of exploration. Quoted from A.E.C. report: "Secondary yellow staining (probably iron) on the faces of broken, sandy, thin bedded limestone (Miocene?) resembles closely the caliche deposits found near Erie and Arden, Nevada. These secondary yellow stains showed a very slight radioactivity--0.10 to 0.25 on the first scale of a Model 107 Professional Geiger counter. We recommend that the DMEA loan be denied."

A.E.C. field team report dated May 22, 1953, by Lloyd J. Conklin, Division Raw Materials, Salt Lake City.

Recommendations: Denial.

Commodity Members' comments:

USBM - Denial
USGS - Denial

Rare &Misc. Metals Engineer: F. L. Knouse

Denial letter prepared.

Ernest Wm. Ellis

Ernest Wm. Ellis

STANDARD FORM NO. 64

Office Memorandum • UNITED STATES GOVERNMENT

TO : E. Wm. Ellis, DMEA Member
Uranium Commodity Committee

DATE: May 27, 1953

FROM : Arthur P. Butler, Jr., USGS Member, Uranium Commodity Committee

SUBJECT: Supplementary information.
DMEA Docket 2855 (uranium) A. R. Kleinkauf and D. S. McGee, Houston, Tex. applicants, Minnie Lee and Fiend Group of Claims, Secs. 16, and 17, T. 9 N., R. 6 W., San Bernardino Co. Calif.

A memorandum to J. O. Hosted, Division of Raw Materials, Atomic Energy Commission, from L. J. Conklin, Acting Chief, Salt Lake Exploration Branch, DRM, AEC, dated May 22, 1953, concurring the property identified above has been made available to DMEA and Commodity Committee members. The memorandum gives results of examination of the property by geologists of the AEC. I have reviewed this supplementary information with H. D. Keiser, Bureau of Mines member of the committee.

The AEC geologists examined the property with a scintillometer and found no appreciable radioactivity. Secondary yellow mineral stain occurs on thin bedded sandy limestone, possibly caliche, of Miocine (?) age. Three samples collected from test pits contain 0.005 to 0.035 percent uranium. This sampling substantiates the absence of ore grade material indicated by the analyses of samples included in the application. Together with the results of the radioactivity survey the samples indicate that of ore grade material is not likely to be discovered by further exploration. The AEC geologists believe that exploration is not warranted.

Recommendation

In view of the results of the examination of this property by geologists of the AEC I recommend that the application be denied without the necessity of referring it to the DMEA Field Team.

Arthur P. Butler, Jr.

Arthur P. Butler, Jr.

Copy to: E. Wm. Ellis -2

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

May 27, 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

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

Subject: Atomic Energy Commission Memorandum Report (from Loyd J. Conklin to J. O. Hosted, dated May 22, 1953), DMEA Docket 2855, Allen B. Kleinkauf and Donald B. McGee, 2510 Wentworth St., Houston, Texas.

I have reviewed the subject report and discussed it with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

It is recommended that the subject report be accepted in lieu of a field team report on the application involved.

It is further recommended that the subject report be approved, and that the application for an exploration loan be denied.

H. D. Keiser

H. D. Keiser

J. O. Hosted, Division of Raw Materials
Washington, D. C.

May 22, 1953

Lloyd J. Conklin, Acting Chief, Salt Lake Exploration Branch, Division of Raw Materials, Salt Lake City, Utah

MINNIE LEE GROUP OF CLAIMS, SAN BERNARDINO, CALIFORNIA

SYMBOL: SLEB:LJC:ff

On May 4, 1953, H. E. Nelson and J. G. Henderson, of the Richfield Sub-office, Salt Lake Exploration Branch, visited the Fiend Claim, Minnie Lee Group of Claims, San Bernardino County, California, in company with Mr. D. B. McGee, Mr. A. R. Kleinkauf, and Mr. L. C. Kleinkauf. This examination was made at the request of Mr. A. R. Kleinkauf, 2510 Wentworth, Houston, Texas.

Two small prospect pits on the Fiend Claim east of U. S. Highway 395, some 9.2 miles south of the intersection of U. S. Highway 466, and U. S. Highway 395, were examined. (See accompanying map.)

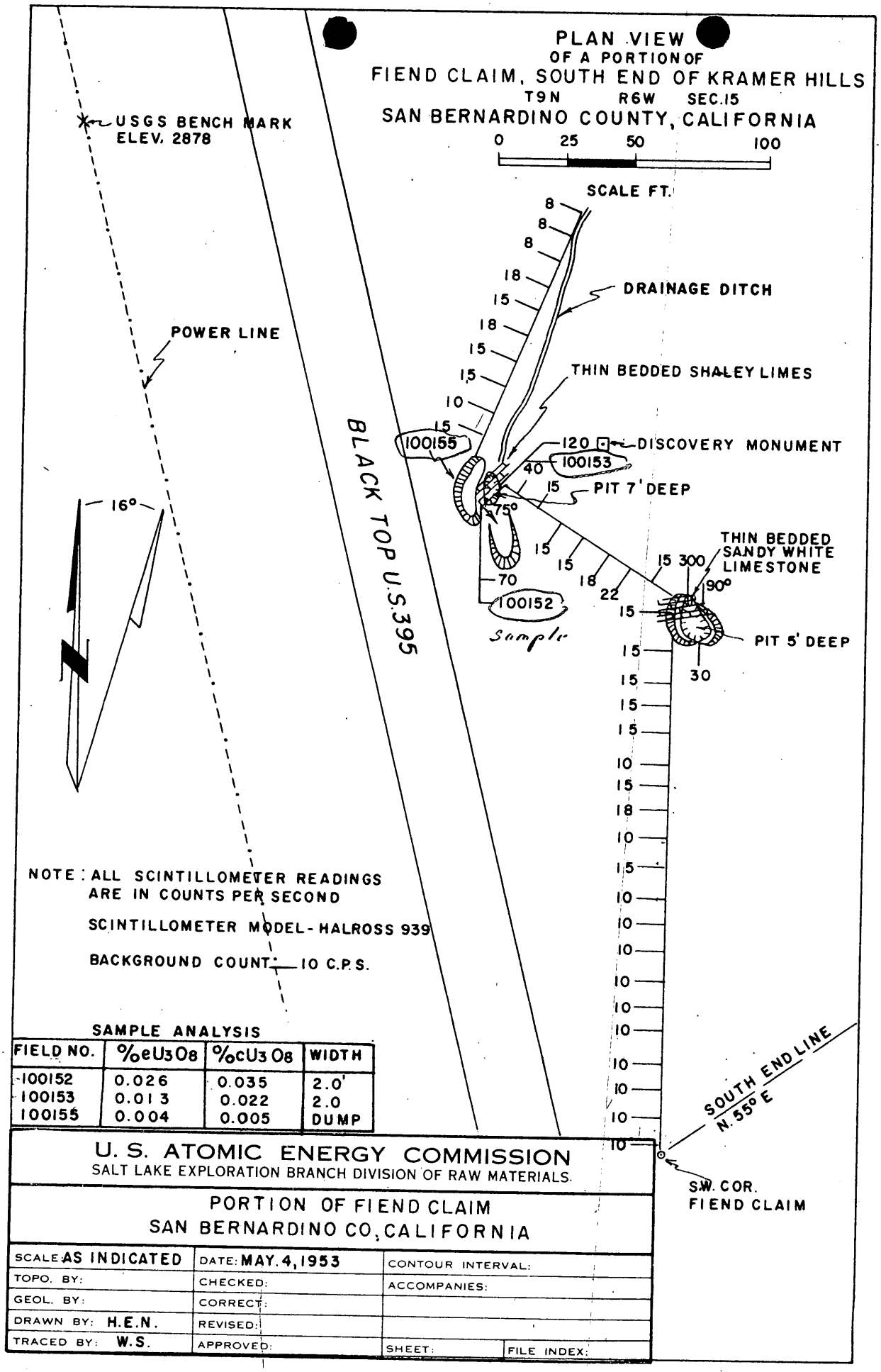
This office has no published geologic literature on the area, and does not have, and no one has seen, DMEA Docket No. 2855 for exploration in this area. Through conversation with Mr. A. R. Kleinkauf, it is understood that 20 diamond drill holes with an average of 400 feet per hole for a total of 8,000 feet have been planned. The costs were a minimum of $84,000 and a maximum of $120,000 for this exploration program.

A Halross No. 939 scintillometer traverse was made in this area, and the results were so poor as to practically eliminate any thought of exploration. Overburden was slight, and random walking over the area tracing the best anomaly found in the prospect pit eastward gave no indication of any radioactivity beyond normal background. Secondary yellow staining (probably iron) on the faces of the broken, sandy, thin bedded limestone (Miocene?) resembles closely the caliche deposits found near Erie and Arden, Nevada. These secondary yellow stains showed a very slight radioactivity--0.10 to 0.25 on the first scale of a Model 107 Professional Geiger counter.

We recommend that the DMEA loan be denied.

67270

cc: T. E. Gillingham w/map
H. E. Nelson, Richfield



SAMPLE ANALYSIS

FIELD NO.	%eU3O8	%cU3O8	WIDTH
100152	0.026	0.035	2.0'
100153	0.013	0.022	2.0
100155	0.004	0.005	DUMP

U. S. ATOMIC ENERGY COMMISSION
SALT LAKE EXPLORATION BRANCH DIVISION OF RAW MATERIALS.

PORTION OF FIEND CLAIM
SAN BERNARDINO CO, CALIFORNIA

SCALE: AS INDICATED	DATE: MAY. 4, 1953	CONTOUR INTERVAL:	
TOPO. BY:	CHECKED:	ACCOMPANIES:	
GEOL. BY:	CORRECT:		
DRAWN BY: H.E.N.	REVISED:		
TRACED BY: W.S.	APPROVED:	SHEET:	FILE INDEX:

FILE COPY
SURNAME:

F.L. Knouse
Ellis

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

APR 21 1953

Mr. Allen R. Kleinkauf
2510 Wentworth
Houston, Texas

Re: Docket No. DMEA-2855 (Uranium)
Minnie Lee, Donald Fiend Group
of Claims
San Bernardino County, California

Dear Mr. Kleinkauf:

J.C. 4/21/53

This will acknowledge receipt of your letter dated April 11, 1953, in which you advise arrangements have been made with Mr. Harry Nelson, Chief of Richfield, Utah, Sub-Office of the Atomic Energy Commission, to make a geological reconnaissance of the captioned property; also that you plan to be present when the survey is made and that you will compile the additional information obtained and forward it to this office.

For your information, your letter of April 11, was shown to the A.E.C. representative here in Washington, and a copy of this letter will be sent to them.

When we receive the information referred to above we will be able to proceed with the processing of your application.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

FLKnouse/eef 4/17/53

cc to: Adm. Reading Files
Docket
Messrs. HDKeiser, Room 3522
APButler Jr., Room 2306 GSA
JOHosted, Room 3210 GSA (2)
Ellis
Knouse
DMEA Field Team, Region III (2)

FILE COPY
SURNAME:

F.L. Knouse
Ellis

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

APR 21 1953

Mr. Allen R. Kleinkauf
2510 Wentworth
Houston, Texas

Re: Docket No. DMEA-2855 (Uranium)
Minnie Lee, Donald Fiend Group
of Claims
San Bernardino County, California

Dear Mr. Kleinkauf:

J.C. 4/21/53

This is to acknowledge receipt of your letter dated April 11, 1953, in which you advise arrangements have been made with Mr. Harry Nelson, Chief of Richfield, Utah, Sub-office of the Atomic Energy Commission, to make a geological reconnaissance of the captioned property; also that you plan to be present when the survey is made and that you will compile the additional information obtained and forward it to this office.

For your information, your letter of April 11, was shown to the A.E.C. representative here in Washington, and a copy of this letter will be sent to them.

When we receive the information referred to above we will be able to proceed with the processing of your application.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

FLKnouse/eef 4/17/53

cc to: Adm. Reading Files
Docket
Messrs. HDKeiser, Room 3522
APButler Jr., Room 2306 GSA
JOHosted, Room 3210 GSA (2)
Ellis
Knouse
DMEA Field Team, Region III (2)

4/13/53 gle

2510 Wentworth
Houston, Texas
April 11, 1953

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Admin.
U. S. Department of Interior
Washington, 25, D.C.

RE: Docket No.DMEA-2855
(Uranium)
Minnie Lee Group of
Claims; San Bernardino,
California

Dear Mr. Ellis:

This is in reply to your letter of March 24, 1953.

We herewith enclose the required MF-203 Forms, although the amount of the loan has been omitted.

Mr. Harry Nelson, Chief of the Richfield, Utah, Sub-Office of the Atomic Energy Commission, has notified us that a field party from his office will meet us in Barstow, California on May 4, 1953 for a geological reconnaisance of these claims. We are writing a confirmation of this date to him at this time.

Compliance in any more detailed fashion with your request of Feb. 16, regarding further mapping and geology, is impossible at the present time since we have exhausted our field notes and other data. Copies of all the information we have is in your hands. However, it has always been our intent to augment these notes and to develop a carefully controlled gamma radiation plot of these claims. The expense involved is such that we have made such a survey part of the planned explorations as indicated in our application. Location of core holes was to be based on evidence accumulated by the radioactivity survey.

The interpretation given our proposal to provide the necessary equipment and skilled personnel for coring has placed Mr. McGee and myself in the position of finding it necessary to develop an alternate plan of approach. After discussion of the matter with Mr. W. T. Mack, he has withdrawn his offer of equipment and services and no longer wishes to participate under terms such as those you outline.

Therefore, our plan is to meet the AEC field party and work closely with them in a reconnaisance of the claims. While we are in the area we also plan to contact local core-drilling operators and obtain bids from them for the proposed 20 holes to a depth of 400 feet. Copies of these bids, along with whatever additional information we can compile either alone or in conjunction with the AEC engineers, will be forwarded to your agency. At that time we will amend our application in order to comply with your requirement that another means be provided for meeting our requisite share of costs.

Should you desire either agency representation or some sort of direct and first-hand report from the AEC, please contact Mr. Nelson, P. O. Box 58, Richfield Utah; Ref: RSO:HEN:mcg.

Yours very truly,

Allen R. Kleinkauf

Allen R. Kleinkauf
Donald B. McGee

FILE COPY
SURNAME:

UNITED STATES 140
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

MAR 24 1953

Mr. Allen R. Kleinkauf and
Mr. Donald B. McGee
2510 Wentworth
Houston, Texas

Re: Docket No. DMEA-2855 (Uranium)
Minnie Lee, Donald Fiend Group
of Claims
San Bernardino, California

Dear Sirs:

This acknowledges receipt of your letters dated March 3 and March 6, 1953.

As requested we are enclosing eight "Owner's Consent to Lien" forms. The original and ~~five~~ six copies should be executed and returned.

We shall endeavor to comply with your request that if a field examination is scheduled, the time of the examination by engineers of this Agency shall coincide with that of the examination to be made by engineers of the Atomic Energy Commission. However, whether or not a field examination is justified will be determined when we receive all of the information requested in our letter to you of February 16, 1953. The map you submitted in reply to this letter does not show, as requested, the geology or location of sample data and the work you propose to do.

In the last paragraph on the first page of your letter of March 3rd, with reference to Section 10 of Mineral Order-5 (MO-5), you say: "As we understand this paragraph, the Government acknowledges that the capital assets represented by the equipment we propose to provide is of greater value to the instrumentation of such a project than its depreciation values alone. Oil field use of such equipment is charged for at rates running from $15 to $17 per hour. * * * We should like to further inquire regarding the allowances which will be permitted for rentals in the event Mr. Mack *** is willing to accept daily rentals in exchange for his share in the proposed and potential profits, if any."

For your information, the above-mentioned order has been superseded by DMEA Order-1, dated March 7, 1952, a copy of which is enclosed. You will note that under Section 9 (a), there is included among the "Allowable Costs," "operating equipment to be rented or purchased, or which is owned and will be furnished by the operator." In the event that equipment is owned and furnished by the operator, such equipment is generally furnished on a monthly depreciation basis which, except in unusual circumstances, is ordinarily less than the monthly rental rate. In this regard, your application dated January 19, 1953, states: "Drilling rig represents operator's share of loan and is to be furnished as operator's equipment." It appears that this equipment is not owned by you but has been obtained from Mr. W. T. Mack (who is to manage the project but is not to be considered one of the operators) under an agreement for rental, the amount of which is based upon a percentage of prospective profits. In the case of rental equipment, the Government will not allow a speculative rental rate but only one which is normal for the area of operation, and any greater rental cost will have to be borne by the operator alone.

Your application also requests the allowance of a large percentage of the estimated costs of the project for supervision. If the Government should consent to an exploration contract with you, the Field Team will pass upon the various items of cost but probably not more than $600-$800 a month would be allowed as the salary of a core drilling supervisor, with a possible additional allowance of a few hundred dollars for special consulting work.

Sincerely yours,

J.C. 3/24/53

SIGNED

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

Enclosure

FLKnouse/EWEllis/AEKane/ema
cc: Mails & Files
Adm. Reading File
HDKeiser-3641
APButler-3206 GSA
JOHosted-3210 GSA
Mr. Ellis
Mr. Knouse
Field Team, Reg. III (2)
JLHofflund
AEKane
~~HCRubin~~
Chron.
Pending

3/23/53 gla

2510 Wentworth
Houston, Texas
March 12, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 13 1953

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Div.
Defense Minerals Explor. Admin.
U. S. Dept. of Interior
Washington 25, D. C.

RE: Docket 2855 (Uranium)
Minnie Lee Claims
San Bernardino County, Cal.

Dear Sir:

Mr. McGee was in Houston this past week-end and we discussed the findings of the Salt Lake City assay report on our sample of carnotite ore at some length. It is his opinion that this analysis is not at all representative, but that the wisest course of action would be to work closely with the AEC on their field trip and act on their recommendations. Other samples can be gathered at that time under supervision of their representatives, and then the analyses from these samples can be integrated into an area study of the deposits for further evaluation later in greater detail.

Since Mr. McGee is in and out of the city on a two-week notice, I have written to Mr. H. E. Nelson, Chief of the Richfield, Utah Sub-office of the Salt Lake Exploration Branch of AEC, and to Mr. Thurlow of the Salt Lake AEC office, requesting that we be given at least three weeks notice of the date of this field inspection so that we might be able to be present on the grounds at that time.

Both of these offices of the AEC have been informed of the loan application pending approval or other action before your agency at this time.

We shall be glad to do whatever we can to integrate these various efforts, in the event you wish your agency to be represented at the time of this inspection of the property. Should you desire to take action regarding this reconnaissance, please advise us accordingly.

Very truly yours,

A. R. Kleinkauf

A. R. Kleinkauf
D. B. McGee

3/10/53 gla

2510 Wentworth
Houston Texas
March 6, 1953

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Administration
U. S. Dept. of Interior
Washington, 25, D. C.

Re: Docket No. 2855
(Uranium)

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 9 1953

Dear Sir:

In extension of information pertaining to our pending application for an exploration loan to be used on the Minnie Lee Claims in San Bernardino County, California, I should like to bring to your attention the actions of the Atomic Energy Commission in this matter.

Mr. E. E. Thurlow, Chief of the Salt Lake City Exploration Branch of the AEC, has just notified us of the results of the sample analysis made by the Bureau of Mines for the AEC on a five pound sample from these claims. This report shows the uranium content to be very low, even less than the sample submitted to Grand Junction. The results are indicated as 0.02% U_3O_8.

In the accompanying letter, Mr. Thurlow states that a geologic reconnaissance team from the AEC sub-office in Richfield, Utah, will be in our area some time in the near future. "They would like to contact you and make evaluations of your property. They will inform you of their visit so that a time and place mutually agreeable may be arranged for a meeting."

A copy of Mr. Thurlow's letter was sent to H. E. Nelson, Chief, w/cy Chem. Lab. Report, Richfield Sub Office.

My partner, Mr. McGee, and I are very much interested in working with this field force in an evaluation of the geologic features of this deposit. In event this field trip is of value in any way to the DMEA, please instruct us accordingly. If at all possible, we should like to avoid the necessity of a duplication of inspection trips.

Please advise us regarding the arrangements to be made with the Atomic Energy Commission, should you desire we be accompanied by a representative of the DMEA.

Yours very truly,

A. R. Kleinkauf

A. R. Kleinkauf
D. B. McGee

M'Gee - Kleinkauf
Docket No 2855

CERTIFICATE OF ANALYSIS

KENNARD and DRAKE

4686 SANTA FE AVENUE . . LOS ANGELES 58, CALIFORNIA
LUCAS 5194

CHEMICAL & SPECTROGRAPHIC LABORATORIES

T. G. KENNARD, PH. D.
JOHN FRANCIS DRAKE

CONSULTING ENGINEERS - CHEMISTS
METALLURGISTS

TO D. B. McGee,
277 Bennett Ave.,
Long Beach, Cal.

DATE 5/18/51

SAMPLE RECEIVED 5/18/51

REPORT PHONED

LAB. #	SAMPLE
15927	Yellow Crust plus a little base material

General Spectrographic Examination

Large amount.....	Vanadium Uranium Calcium Magnesium Aluminum
Small amount..... X%	Potassium Iron Silicon
Very small amount..... 0.X%	Sodium Strontium Lead
Traces..... 0.0X% to 0.000X	Lithium Barium Copper Manganese Titanium

KENNARD AND DRAKE

J G Kennard

DEPARTMENT OF THE ARMY
Defense Logistics Agency
Defense Depot Ogden
Ogden, Utah 84407

3-5-53 jem

2510 Wentworth
Houston Texas
March 3, 1953

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division
Defense Minerals Exploration Admin.
U. S. Dept. of Interior
Washington 25, D. C.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 4 1953

Re: Docket No. DMEA- 2855
(Uranium)
Minnie Lee Claims
San Bernardino County,
California

Dear Sir:

This is reply to your letter of Feb. 16, 1953.

In paragraph (1) you requested additional documentation relating to the transfer of these claims to this partnership. All the documentation pertinent to the ownership of these claims was forwarded with the original application. However, in event it is necessary to delineate this in further detail on your "Form-203", please forward the required number of copies for execution. No enclosures were received with your letter.

A more detailed map of the property is being sent under separate cover, with a tentative plot of the recorded radioactivities measured on a Geiger Counter. Since this was only a rough field check that was made in an attempt to trace out the subsurface geology, it is not regarded as accurate or authoritative. The badly fractured structures in these formations interfered with the clear development of the subsurface conditions, so a more carefully controlled study is contemplated as part of the exploration project, using a scintillation counter.

In an effort to unify the Governmental efforts being expended on our behalf, we should like to inform you of the exchanges to date between ourselves and the Atomic Energy Commission. After an intial analysis of the ore had been made in Grand Junction, Colorado, application for a field examination by an AEC engineer was made. This was transferred to the Salt Lake City office, whereupon a Mr. Ernest E. Thurlow, Chief of the AEC in Salt Lake, requested a five pound ore sample from the claim. This was forwarded to him on January 30, 1953, at which time he was notified of the previous analysis and of our DMEA application and Docket Number. We are still awaiting his reply.

We are attempting to do whatever we can to arrange that any field examinations required by the two agencies be made concurrently, and/or simultaneously, if possible. We should like to eliminate the added expense of any more "preliminary, evaluative" trips to California from here, if at all possible.

After careful study of your interpretation of our application request, we have returned to the original regulations set out under MO-5, and respectfully request that some additional clarification be given Section 10 of this order. As we understand this paragraph, the Government acknowledges that the capital assets represented by the equipment we propose to provide is of greater value to the instrumentation of such a project than its depreciation values alone. Oil field use of such equipment is charged for at rates running from $15 to $17 per hour. For the application which we propose, we feel our ability to provide this equipment represents capital assets of value easily equivalent to the required ten percent of coring costs.

We should like to further inquire regarding the allowances which will be permitted for rentals in the event Mr. Mack, who is presently out of the city, is willing to accept daily rentals in exchange for his share in the proposed and potential profits, if any.

In regard to our narrative in the initial application, and its references to pegmatites, we did not intend to convey the impression that our primary interests were in the pegmatites. There is a band of carnotite parallel to the pegmatite dike, with a dip of about 72° from the vertical. We have hopes that this may develop into a hydrothermal vein, similar to the ones of Great Bear Lake in Canada, Shinkolobwe in the Belgian Congo, and Joachimstal in Czechoslovakia. The surface indications suggest such a possibility, in our opinion.

Yours very truly,

A. R. Kleinkauf

A. R. Kleinkauf

Donald B. McGee

Donald B. McGee

McGee - Kleinkauf Docket No 2855

CERTIFICATE OF ANALYSIS

KENNARD and DRAKE

4686 SANTA FE AVENUE . . LOS ANGELES 58, CALIFORNIA
LUCAS 5194

CHEMICAL & SPECTROGRAPHIC LABORATORIES

T. G. KENNARD, PH. D.
JOHN FRANCIS DRAKE

CONSULTING ENGINEERS - CHEMISTS
METALLURGISTS

TO D. B. McGee,
277 Bennett Ave.,
Long Beach, Cal.

DATE 5/18/51

SAMPLE RECEIVED 5/18/51

REPORT PHONED

LAB. #	SAMPLE
15927	Yellow Crust plus a little base material

General Spectrographic Examination

Large amount.....	Vanadium Uranium Calcium Magnesium Aluminum
Small amount..... X%	Potassium Iron Silicon
Very small amount..... 0.X%	Sodium Strontium Lead
Traces,..... 0.0X% to 0.000X	Lithium Barium Copper Manganese Titanium

KENNARD AND DRAKE

J. F. Kennard

DEPARTMENT OF THE INTERIOR
Defense Mineral Administration
Received
MAR 9 1953

McGee - Kleinkauf
Docket No 2855

CERTIFICATE OF ANALYSIS

KENNARD and DRAKE

4686 SANTA FE AVENUE . . LOS ANGELES 58, CALIFORNIA
LUCAS 5194

CHEMICAL & SPECTROGRAPHIC LABORATORIES

T. G. KENNARD, PH. D.
JOHN FRANCIS DRAKE

CONSULTING ENGINEERS - CHEMISTS
METALLURGISTS

TO D. B. McGee,
277 Bennett Ave.,
Long Beach, Cal.

DATE 5/18/51

SAMPLE RECEIVED 5/18/51

REPORT PHONED

LAB. #	SAMPLE
15927	Yellow Crust plus a little base material

General Spectrographic Examination

Large amount.....	Vanadium Uranium Calcium Magnesium Aluminum
Small amount..... X%	Potassium Iron Silicon
Very small amount..... 0.X%	Sodium Strontium Lead
Traces..... 0.0X% to 0.000X	Lithium Barium Copper Manganese Titanium

KENNARD AND DRAKE

T G Kennard

DEPARTMENT OF THE ARMY
Defense Logistics Agency
Defense Depot Ogden
MAR 3 1993

McGee-Kleinkauf
Docket No 2855

CERTIFICATE OF ANALYSIS

KENNARD and DRAKE

4686 SANTA FE AVENUE . . LOS ANGELES 58, CALIFORNIA
LUCAS 5194

CHEMICAL & SPECTROGRAPHIC LABORATORIES

T. G. KENNARD, PH. D.
JOHN FRANCIS DRAKE

CONSULTING ENGINEERS - CHEMISTS
METALLURGISTS

TO D. B. McGee,
277 Bennett Ave.,
Long Beach, Cal.

DATE 5/18/51

SAMPLE RECEIVED 5/18/51

REPORT PHONED

LAB. # SAMPLE

General Spectrographic Examination

15927 Yellow Crust plus a little base material

Large amount.....	Vanadium Uranium Calcium Magnesium Aluminum
Small amount..... X%	Potassium Iron Silicon
Very small amount..... 0.X%	Sodium Strontium Lead
Traces,..... 0.0X% to 0.000X	Lithium Barium Copper Manganese Titanium

KENNARD AND DRAKE

J G Kennard

DEPARTMENT OF THE ARMY
Defense Logistics Agency
Defense Depot
MAR 9 1993

DMEA - 2855

MEMO ROUTE SLIP

Form AEC-93 (Rev. May 14, 1947)

See me about this.	For concu[illegible]e.	For action.
Note and return.	For signature.	For information.

TO (Name and unit)	INITIALS / DATE	REMARKS
J. O. Hosted, Division of Raw Materials, Washington, D.C.		Attached is some of our correspondence with Mr. Kleinkauf in accordance with our recent telephone conversation regarding his application for a DMEA loan.
TO (Name and unit)	INITIALS / DATE	REMARKS
TO (Name and unit)	INITIALS / DATE	REMARKS
FROM (Name and unit)		REMARKS
Ernest E. Thurlow, Chief, Salt Lake Exploration Branch		
PHONE NO.	DATE 3/9/53	

USE OTHER SIDE FOR ADDITIONAL REMARKS

16—56667-1 U. S. GOVERNMENT PRINTING OFFICE

C
O
P
Y

SLEB:HCD:af

February 26, 1953

Mr. A. R. Kleinkauf
2510 Wentworth
Houston, Texas

Dear Mr. Kleinkauf:

Please refer to your letter and white clay sample received at our office on February 4, 1953. Enclosed is the Chemical Laboratory Report of this sample. This report shows the uranium content to be negligible and less than the 0.07% reported for the sample which you submitted to Grand Junction for analysis and mentioned in your letter of January 30, 1953.

A geologic reconnaissance team from our sub-office at Richfield, Utah, will be in your area some time in the near future. They would like to contact you and make evaluations of your property. They will inform you of their visit so that a time and place mutually agreeable may be arranged for a meeting.

Please do not hesitate to send us other samples which you feel might be of interest to the Atomic Energy Commission. We very much appreciate your interest in the field of radioactive raw materials.

Very truly yours,

Ernest E. Thurlow, Chief
Salt Lake Exploration Branch
Division of Raw Materials

Enclosures:
1. Chemical Laboratory Report

cc: H. E. Nelson, Chief, w/cy Chem. Lab. Report
Richfield Sub-Office

c
o
p
y

62786

JOH-9th

U. S. Atomic Energy Commission
New York Operations
RECEIVED
MAR 13 1953
Auth.

C
O
P
Y

2510 Wentworth
Houston, Texas
January 30, 1953

Mr. Ernest E. Thurlow, Chief
U. S. Atomic Energy Commission
P. O. Box 2196
Salt Lake City, Utah

Ref: SLEB:af

Dear Mr. Thurlow:

Reference is made to your letter of January 22, asking for a sample of ore from our California property. Said sample is being forwarded to your office as of this date under separate cover.

On July 29, 1952, a similar sample from this deposit was analysed in Grand Junction. The reference on that letter is "MI:JNW", and is addressed to D. B. McGee, 101 Avenue of Oaks, Houston. The sample number is given as CR-959, with .07% U_3O_8; .04% V_2O_5; and 40.2% $CaCO_3$. The letter states the mineral appears to be a sample of carnotite, and is signed by Charles A. Rasor, Geologist.

This sample being forwarded on this date is believed to be comparable, although it may be a little richer in uranium since it was taken as a grab sample in a six foot prospect hole. Like the previous samples we have had analysed, it comes from Sections 16 and 17, T. 9N., R. 6W., San Bernardino County, California.

We should like to inform you at this time that we have made application for a loan from Defense Minerals Exploration Administration for exploration and core-drilling this property. Acknowledgement of our application is dated January 19, 1953; Subject DMEA-2855 of the Rare and Miscellaneous Metals Division. This is mentioned at this writing so that coordination of Agencies might be developed in avoiding a possible duplication of effort for the examination in the field of this deposit.

In the hope of offering further help in regard to these ores, I should like to mention that we have had a general spectrographic examination made of this ore by Kennard and Drake, Chemical & Spectrographic Labs, 4686 Santa Fe Avenue, Los Angeles, California. This is dated 5/18/51, and the report is given in very general terms, as qualitative information. Vanadium, uranium, calcium, magnesium and aluminum are listed under "large amount." Potassium, Iron, Silicon are listed as "Small amount X%". Sodium, Strontium, and Lead are rated as "Very small amount 0.X%". Lithium, Barium, Copper, Manganese and Titanium are given as "Traces--0.0X% to 0.000X%"

If we can be of any further service, please let us know.

Yours very truly,
A. R. Kleinkauf
D. B. McGee

62786

C
O
P
Y

Examination Request and Statement of Facts

Date January 3rd, 1953

To: U. S. Atomic Energy Commission, Box 270, Grand Junction, Colorado, Attention: GJENY

From: Donald B. McGee and A. R. Kleinkauf

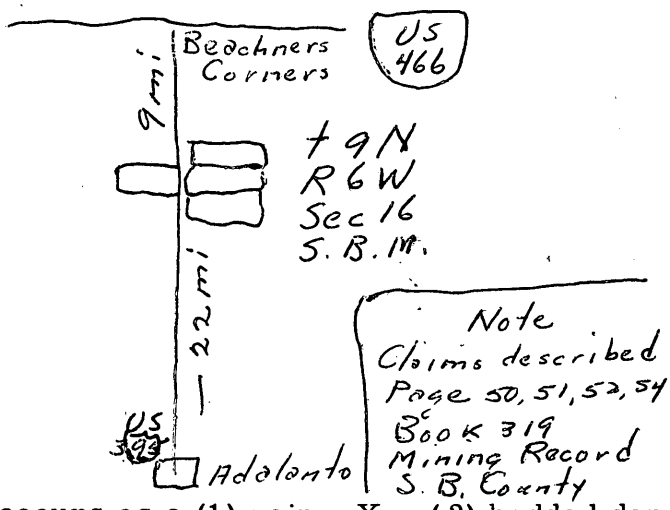
Name of Prospect or Claim: Donald Fiend, Dorothy Fiend, Jose Fiend, Minnie Lee

Location: California (State) San Bernardino (County).

Owner: Donald B. McGee Telephone: My-3680

Address: 101 Avenue of Oaks, Houston, Texas

Location Sketch Map



Please show:
1. Nearest town(s).
2. Highways with their route number.
3. Rivers or streams.
4. Road or trail to the claim.
5. Location of claim.
6. Distances in miles.
7. Elevation of claim.

(Use reverse side of the sheet if necessary.)

Mineral occurs as a (1) vein X ; (2) bedded deposit X . (Check one)

The number of individual showings of mineral is 5

The average dimensions of these mineral showings is approximately as follows:

Length	30	feet
Width	5	feet
Thickness	6	feet

As far as presently uncovered

Results of assays indicate an average value of .07 -% U_3O_8

History and Development:

Discovery was made by Donald B. McGee; Date May 4th, 1951

Development work since discovery is as follows: Trench along center view - 4 Prospect holes.

! Dynamite buried in Magazine on claim!

62786

FILE COPY
SURNAME:

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

FEB 16 1953

Mr. Allen P. Klinkenf and
Mr. Donald B. McGee
2510 Wentworth
Houston, Texas

Re: Docket No. DMA-2855 (Uranium)
Minnie Lee, Donald Fiend Group
of Claims
San Bernardino County, California

Dear Sirs:

This is with reference to the captioned application now being processed by this office for Government exploration aid.

In regard to the drill that you propose to furnish as the operator's part of the funds required to do the proposed work we offer the following comments. For such equipment units, if they are approved by the Government to do work, credit is allowed on a depreciation basis. In the case of this unit if the fair market value is $20,000.00 and it was employed full time, depreciation is allowed on a five (5) year life basis, or $333.33/month. As it is evident that this amount is insufficient for the operator's part of the total cost of the proposed work, a supplement to your application is required expressing your willingness to furnish your additional share of the required funds. In addition in order for us to continue processing your application, kindly supply the following:

(1) Furnish either the original and five copies of the enclosed form MY-203 "Owner's Consent to Lien" signed by the property owner, or an agreement which transfers the property to the applicant partnership.

(2) Your application shows six pits were sunk on the property to a maximum depth of ten feet. Please supply maps or sketches in plan and section showing pit location, any available geological description, sample data, and location of proposed work in relation to the mining claim lines, as justification for the work you propose.

From your narrative it is not clear if the uranium you found and propose to explore for occurs in a pegmatite. For your information we have no knowledge of any pegmatites that are being mined solely for uranium.

Upon receipt of the above information we will continue processing your application.

Sincerely yours,

SIGNED

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

E.W.
2-16-53

FLKnouse/jem
2/16/53
cc to: Adm. Reading File
Docket
HDReiser-3641
ARButler-3206
JCHosted-3210
Ellis Knouse
Field Team, Reg. III (2)

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

February 11, 1953

Memorandum

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 12 1953

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

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

Subject: DMEA Docket No. 2855, Allen D. Kleinkauf and Donald B. McGee, 2510 Wentworth St., Houston, Texas.

I have reviewed the application included in the subject docket and discussed it with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

The application would appear to be deficient as to geological evidence to support the exploration proposed. In summary, more sampling and the correlation of assay results with geologic structures would seem necessary before a decision could be reached as to whether exploration is warranted.

It is recommended that the application be returned to the applicant for additional evidence as indicated above.

Signed

H. D. Keiser

2/12/53 glo

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

February 11, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 12 1953

Memorandum

To: Ernest William Ellis, DMEA Member
Uranium Commodity Committee, Room 4640

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

Subject: DMEA Docket No. 2855, Allen B. Kleinkauf and Donald B. McGee, 2510 Wentworth St., Houston, Texas.

I have reviewed the application included in the subject docket and discussed it with Arthur P. Butler, Geological Survey Member, and Joseph O. Hosted, representative of the Atomic Energy Commission.

The application would appear to be deficient as to geological evidence to support the exploration proposed. In summary, more sampling and the correlation of assay results with geologic structures would seem necessary before a decision could be reached as to whether exploration is warranted.

It is recommended that the application be returned to the applicant for additional evidence as indicated above.

H. D. Keiser

H. D. Keiser

IN REPLY REFER TO:

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 10 1953

E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

January 29, 1953

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

Application DMEA Docket 2855 (Uranium) - A. R. Kleinkauf and D. B. McGee, Houston, Texas, Minnie Lee and Fiend Group of Claims, Sections 16 and 17, T. 9N, R. 6W., San Bernardino County, California.

Comments

Although ~~ores of uranium~~ minerals have previously been reported in this general area, no specific information pertaining to the applicant's property is available in the Washington files of the Geological Survey. The applicant proposes a very ambitious project of exploration by drilling in rocks of kinds not clearly specified in search for uranium ore bodies of unidentified shape and habit. Moreover, the application does not indicate what material is represented by the assays submitted nor how the location of the samples is related to the features that it is proposed to explore. The assays also do not indicate the presence of uranium ore of commercial grade.

At various places in the application, igneous and metamorphic rocks, limestone, and other sedimentary rocks are mentioned and it is implied that the uranium is associated with rocks of the last two kinds Elsewhere, however, and especially on the claim map, it is implied that most of the exploration will be in pegmatite. If the deposits are mainly in pegmatite, it is doubtful that they would be worth exploration for uranium as no domestic pegmatite is known which could be mined mainly for uranium, though a little uranium may possibly be recovered as a byproduct of mining for other minerals. The geologic type and setting of the deposits is thus so obscurely described that it is impossible even to estimate the geologic favorability for uranium.

Recommendations

In view of the obscurity with which the relative factors in this application are presented, I believe that the applicant should be informed that the grade of material represented by the assays submitted with the application is too low to be considered as a possible commerical source of uranium. If, however, he wishes to have the application

considered further he should submit the following: (1) A description of the type of materials and character of samples for which assays were submitted; (2) a clear statement of the kind of rocks and the general form of the uranium-bearing parts of the rocks that is proposed to explore; for example, will the exploration be wholly pegmatite, or wholly in some other rock, or, if in both, he should submit a sketch showing the relations of the various kinds of rock to be explored, and the inferred distribution of uranium; (3) he should submit analyses of samples indicating the uranium content of the rock over a minimum mining width, probably not less than 3 feet, especially if the exploration will be mainly in pegmatite because a sample taken over any smaller width in pegmatite would probably have little significance.

A. P. Butler, Jr.

Copy to: E. Wm. Ellis

STANDARD FORM NO. 64

2/11/53 gla

Office Memorandum • UNITED STATES GOVERNMENT

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

TO : E. Wm. Ellis, DMEA Member, Uranium Commodity Committee

RECEIVED FEB 10 1953

DATE: January 29, 1953

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

SUBJECT: Application DMEA Docket 2855 (Uranium) - A. R. Kleinkauf and D. B. McGee, Houston, Texas, Minnie Lee and Fiend Group of Claims, Sections 16 and 17, T. 9N, R. 6W., San Bernardino County, California.

Comments

Although ~~ores of uranium~~ minerals have previously been reported in this general area, no specific information pertaining to the applicant's property is available in the Washington files of the Geological Survey. The applicant proposes a very ambitious project of exploration by drilling in rocks of kinds not clearly specified in search for uranium ore bodies of unidentified shape and habit. Moreover, the application does not indicate what material is represented by the assays submitted nor how the location of the samples is related to the features that it is proposed to explore. The assays also do not indicate the presence of uranium ore of commercial grade.

At various places in the application, igneous and metamorphic rocks, limestone, and other sedimentary rocks are mentioned and it is implied that the uranium is associated with rocks of the last two kinds. Elsewhere, however, and especially on the claim map, it is implied that most of the exploration will be in pegmatite. If the deposits are mainly in pegmatite, it is doubtful that they would be worth exploration for uranium as no domestic pegmatite is known which could be mined mainly for uranium, though a little uranium may possibly be recovered as a byproduct of mining for other minerals. The geologic type and setting of the deposits is thus so obscurely described that it is impossible even to estimate the geologic favorability for uranium.

Recommendations

In view of the obscurity with which the relative factors in this application are presented, I believe that the applicant should be informed that the grade of material represented by the assays submitted with the application is too low to be considered as a possible commerical source of uranium. If, however, he wishes to have the application

considered further he should submit the following: (1) A description of the type of materials and character of samples for which assays were submitted; (2) a clear statement of the kind of rocks and the general form of the uranium-bearing parts of the rocks that is proposed to explore; for example, will the exploration be wholly pegmatite, or wholly in some other rock, or, if in both, he should submit a sketch showing the relations of the various kinds of rock to be explored and the inferred distribution of uranium; (3) he should submit analyses of samples indicating the uranium content of the rock over a minimum mining width, probably not less than 3 feet, especially if the exploration will be mainly in pegmatite because a sample taken over any smaller width in pegmatite would probably have little significance.

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

Copy to: W. Wm. Ellis

700 FILE COPY
SURNAME:

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

Hon. Lyndon B. Johnson
United States Senate
Washington, D. C.

JAN 22 1953

Re: Docket No. DME-2355 (Uranium)
Allen R. Kleinkauf and Donald B. McGee
San Bernardino County, California

My dear Senator Johnson:

Acknowledgement is made of your letter dated January 17, 1953, enclosing the letter of Mr. Allen R. Kleinkauf, 2510 Wentworth, Houston, Texas, and application with attachments, for exploration assistance in connection with the captioned project.

The application has been assigned the above docket number and referred to the Rare and Miscellaneous Metals Division of this Agency for further handling.

T.C. 1/22/53

With reference to your request for return of the enclosure, inasmuch as Mr. Kleinkauf's letter of January 13, 1953, is a part of the application, it has been retained in our docket file. Therefore, we are enclosing two copies of Mr. Kleinkauf's letter as well as our acknowledgement dated January 19, to complete your files.

Please be assured that the review of this material will proceed as expeditiously as possible.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

Enclosures

EWEllis/gla 1-22--53

cc to: Adm. Reading File
Docket
Messrs. HDKeiser-3641
APButler-3206 GSA
Mr. Ellis
Field Team, Region III (2)

1/19/53 [illegible]
Amea-2855

RICHARD B. RUSSELL, GA., CHAIRMAN
HARRY FLOOD BYRD, VA.
LYNDON B. JOHNSON, TEX.
ESTES KEFAUVER, TENN.
LESTER C. HUNT, WYO.
JOHN C. STENNIS, MISS.
RUSSELL B. LONG, LA.
STYLES BRIDGES, N.H.
LEVERETT SALTONSTALL, MASS.
WAYNE MORSE, OREG.
WILLIAM F. KNOWLAND, CALIF.
HARRY P. CAIN, WASH.
RALPH E. FLANDERS, VT.
WILLIAM H. DARDEN, CHIEF CLERK

United States Senate

COMMITTEE ON ARMED SERVICES

January 17, 1953

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN ~~20~~ 19 1953

Dear Sir:

I am enclosing a communication which I have received from one of my constituents. I will appreciate your giving serious consideration to this problem, based on its merits.

Please let me have as prompt a reply as possible, returning the enclosure, in order that I can inform the writer.

Sincerely,

Lyndon B. Johnson

Lyndon B. Johnson

U. S. Department of the Interior
Defense Minerals Administration
Washington 25, D. C.

January 19, 1953

Mr. Allen R. Kleinkauf
2510 Wentworth
Houston, Texas

Subject: DMEA-2855
Re: Exploration Assistance
Minnie Lee

My dear Mr. Kleinkauf:

The receipt of your application dated January 13, 1953 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-2855 and referred to the Rare and Miscellaneous Metals Division.

Kindly refer to DMEA-2855 in any future correspondence relating to your application.

Sincerely yours,

R. E. ADAMS

Robert E. Adams
Chief, Operations Control
and Statistics Division

25451

Form MF-103
(Revised June 1951)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.1.

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 10 1953

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. Lmea 2855
Metal or Mineral
Date Received 1-19-53
Amount $
Participation (Government %)

Allen R. Kleinkauf &
Donald B. McGee
2510 Wentworth
Houston Texas

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Name and address of applicant

Date January 13, 1953

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if 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 in questions 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.

(Name of company)

By Allen R Klenkenny
(Signature of authorized official)

(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

FORM MF-103

Allen F. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

APPLICATION FOR AID FOR AN EXPLORATION PROJECT; AS PER MO-5

1. (a). This property consists of four lode claims, each 600 feet wide and 1500 feet long. There is no existing mine or operation on this property.

(b). Copies of Location certificates, Proof of Labor, and all agreements regarding participation in potential profits from these claims, with proposed encumbrances and liens are enclosed with this application.

(c). The four claims to be explored and examined are in Sections 16 and 17, Township 9 North, Range 6 West, San Bernardino Meridian, San Bernardino County, California. Detailed location of each claim is set out on the "Notice of Location" sheets, photostatic copies of which are enclosed.

2. (a). Metals which we expect to find, either in quantity or in trace, include uranium, vanadium, silver, gold, potassium, iron, sodium, calcium, magnesium, aluminum, strontium, lead, and silicon. This is based on the results of a report made on one sample by spectrographic, semi-quantitative analysis. Of these metals, only the uranium and vanadium are expected to run in commercial amount, with perhaps some occasional quantities of gold and silver.

Minerals in this deposit are believed to be carnotite, uniferous opalite, and possibly uranite.

(b). The greater part of this Mohave Desert area is covered by alluvium, so extensive areas of the geologically significant formations are concealed. What little is known of the geologic conditions in this area indicates it is underlain largely by metamorphic and igneous rock. These occasionally appear as outcroppings, but for the most part they are separated by large intervening areas covered with continental sediments. This specific deposit of uranium bearing ores, mostly appearing on the surface as carnotite, is beleived to be of secondary, epigenetic, sedimentary, open-space classification.

While geological information on this area is regarded in the literature as incomplete and fragmentary, the volcanics in the immediate vicinity are generally beleived to be of Upper and Middle Miocene origin. There is some suggestion of Jurassic acid intrusives, which may be the source of the pegmatitic dikes that are so prominent in these specific claims.

The carnotitic ores displayed in the outcroppings are recognized as secondary depositions of radioactive mineralizatio

FORM MF-103

Allen H. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

2. (b) (con'd).

in limestones and other sedimentary rocks. However, when all the surface and exposed indications are carefully considered, it seems entirely possible that the radioactive elements deposited here (both in the highly fractured, greatly metamorphized calcite, and in the thickly scattered surface deposits of uraniferous opalite) have been derived by hydrothermal actions upon more or less deeply lying deposits of primary uranium minerals.

The basic objectives of the drilling and exploration program are thus, firstly to block out the economic boundaries of this carnotitic ore, and secondly, to explore and trace out the origins or sources of the original radioactivity, if at all possible.

Attempts to gain further and more detailed information about subsurface compositions have been rather unsuccessful in view of the paucity of such data. However, in searching thru the records of dry oil wells drilled in this region, one instance was noted where a well 8½ miles from these claims was abandoned at 700 feet in "non-marine" formations. Another well, 9½ miles distant, was abandoned at 2942 feet in igneous rock. A third, in Kern County and 21 miles away, was abandoned at 1340 feet in granite.

In view of the presence of porphyritic and quartz outcroppings in the area, it was decided that rather heavy drilling equipment would be required to efficiently explore this deposit. The machine proposed is capable of drilling a 4½" hole to a depth of 1500 feet thru hard rock.

Application has been with the Atomic Energy Commission in Grand Junction, Colorado for an engineering and field examination of this deposit. At this time no reply has been received, but any information on proposed action from this Commission will be promptly forwarded.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
RARE AND PRECIOUS METALS EXPERIMENT STATION
METALLURGICAL DIVISION
Hydrometallurgical and Ore-Dressing Branch
Box D, University Station
RENO, NEVADA

Region III

May 18, 1951

Mr. D. B. McGee
277 Bennett Avenue
Long Beach 3, California

My dear Mr. McGee:

Reference is made to your letter of May 15, 1951 transmitting a sample of radioactive material from San Bernardino County, California for examination.

The sample is principally calcite with some included pieces of an altered volcanic rock stained with limonite and hematite. The yellow radioactive mineral in your sample is carnotite. The radioactivity of the sample is equivalent to 0.03 percent uranium by Geiger counter assay.

Sincerely yours,

M. B. Zadra
Supervising Engineer

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

ADDRESS REPLY TO:

MANAGER,
COLORADO RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLORADO

July 29, 1952

AND REFER TO MI:JNW

Mr. D. B. McGee
101 Avenue of Oaks
Huston, Texas

Dear Mr. McGee:

We have received the following report on the sample which you recently brought in from Section 16, T. 9 N., R. 6 W., San Bernardino County, California:

Sample No.	U_3O_8	V_2O_5	$CaCO_3$
CR-959	0.07%	0.04%	40.2%

The uranium mineral appears to be carnotite.

If we can be of future service, please let us know.

Very truly yours,

Charles A. Rasor

Charles A. Rasor
Geologist

ALLISON J. GUNN

ASSAYER

543 EAST ANAHEIM STREET
NEAR ATLANTIC
TELEPHONE 627-91

LONG BEACH, CALIF.

DATE. May 8 1951

CERTIFICATE OF ASSAY

SAMPLES ASSAYED FOR Mr. D.B.McGee.

GAVE THE FOLLOWING RESULTS PER TON OF 2000 POUNDS.

NO.	MARKED	GOLD OZ. HDTS	GOLD VALUE AT $ 35 PER OZ.	SILVER OZ. HDTS	SILVER VALUE AT 90⅓¢ PER OZ.	NO.	METAL	PERCENT	POUNDS PER TON
1	----------	.005	.17½¢	.44	.40⅓¢				
2	----------	.01	.35¢	.16	.14⅓¢				

CHARGES $ Paid.

THANK YOU

ALLISON J. GUNN, ASSAYER

BY

Don't walk over your Fortune to save a few cents!

FORM MF- 103

Allen R. [illegible]inkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3. (a). Proposed work and costs:

Initially it is planned that a complete survey will be made of the area, setting out grid stations, taking elevations, and developing a plane table picture of the area. Then a careful grid pattern of the Gamma Ray Intensities at each of the positions will be taken using a portable scintillometer of a type like the Model 111 Portable Scintillation Counter developed and manufactured by "Engineers Syndicate, Ltd.," of Hollywood, Calif. Use of a scintillometer over and in preference to using a Geiger Counter is based on the need for gamma radiation counting without interference and confusion from beta ray sources. This instrument makes this possible, while its electronic Counter gives an accurate result with minimum delay over wide ranges of radioactivity.

Once a complete pattern of gamma ray intensities has been drawn out, it will possible to brace out the areas of maximum ore-values as indicated on the surface. A core drilling program will then be undertaken, initially obtaining one carefully drawn core which can be split into halves. One half will be sent to a recognized laboratory for analysis, while the other half will be used for developing controls to be used in setting up the scintillation counters. Since the rate of response of different ores and minerals is different within each ore as a category, it will be necessary to establish by means of chemical analysis of the ore just how much U_3O_8 is present. Once this scale has been developed, the counted scintillations or radiations can be used as a close approximation to ore values. Then it will be possible to measure the radiation in the ore body directly by use of long Probe Drill Hole Scintillation Counters, without need for further recourse to the laboratory, except for check.

While controls are being established and the first core being studied for geologic clues to ore veining, the drilling program can be proceeding at a much more rapid rate. By Using equipment similar to that used in drilling seismographic shot holes, it will be possible to cut a maximum footage per day without having to take more than an occasional core. When a hole has been drilled to sufficient depth, a Long Probe Drill Hole Scintillation Counter can be dropped down the hole and a gamma ray curve plotted immediately of the amounts of radiation being emitted from the formation, in situ. In event indications are obtained of the radioactivity still continuing at the bottom of the hole, it will be a simple matter to continue drilling to a maximum depth of 1500 feet with this equipment we are prepared to furnish.

As the drilling program outlines the ore bodies, plot maps will be drawn with contoured grid patterning of relative amounts of radiation at successive depths. By the time drilling is completed, it should be possible to block out the most valuable areas in the deposit and be well into the planning stage of the mine development.

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

FORM MF-103

3. (a). (con'td).

Since these pegmatites are recognized as being of very hard rock, plans have been drawn for exploration that include the use of a portable, gasoline driven drilling machine, having a hydraulic-pull-down mechanism that makes it possible to put the entire weight of the machine and its mounting base, in this case a 5-Ton truck, on the drill stem and bit. By addition of this much weight it is beleived that no difficulty will be experienced in cutting these holes.

In addition to the power and weight available, this machine is capable of cutting a hole of 4 or 5 inches in diameter. Since the outside diameters on the most accurate and reliable gamma radiation logging probes are 3-5/8", it was decided that holes from 4½ to 5" in diameter would prove most satisfactory. While hard rock diamond drilling is being done underground in many places using diamond bits that cut 1½" core, such a unit can be blocked into place and the bit forced into the rock. From the surface such a technique is not as easily carried out since the only drive on the bit in a downward direction must come from sheer weight of the equipment alone.

By using this equipment we also feel that we can drill holes faster and cheaper after the first core is taken by simply drilling holes without continuous coring. Gamma ray logs of the formation can then be run and will provide more accurate information than continuous coring would give.

(b). Therefore, we plan to drill a total of twenty holes to a depth of 400 feet and plot the gamma radiation from these as the program progresses. In event continued radiation is encountered at the bottom of these holes, they will be drilled on down with the same equipment to a maximum depth of 1500 feet. We estimate the first stage of this can be completed in three to four months and the complete program in ten months, should the primary source of radiation be detected and its exploitation appear warranted.

Work can be started within 45 days after approval and granting of the loan.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3/ (a). (Cont'd) Total Costs..... $123,281.00

(b). Time required to start project:
45 days after approval of loan.

Time required for completion of project.
Under the most favorable drilling conditions, and meeting the "DOE-3 priority, and delivery date of 120 days, with 50% deposit on order" requirement of the instrumentation manufacturer, we will require five months to drill 20 holes to 1500 feet, and make a comprehensive log of the radioactivity.

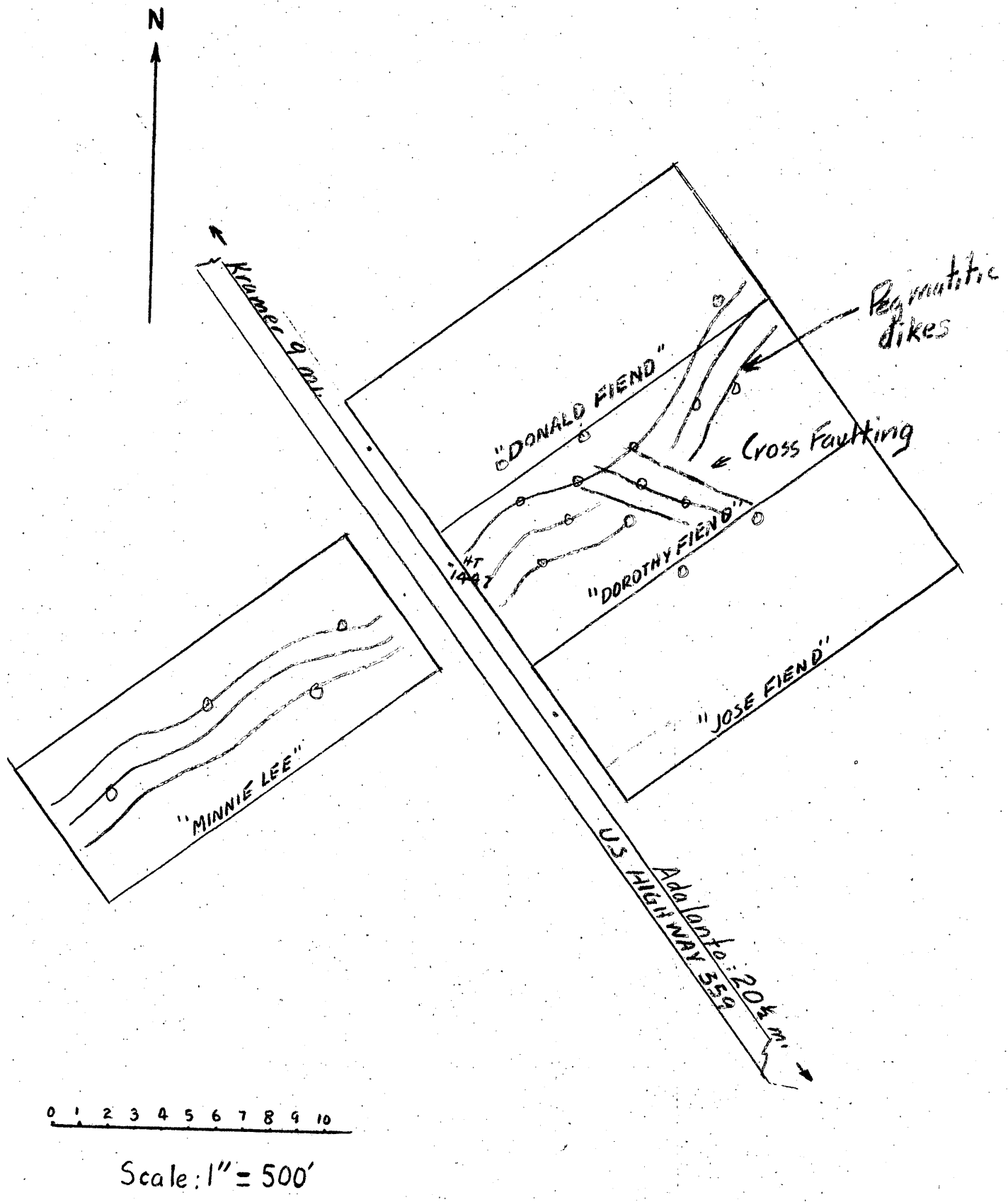
Since we expect to run into very hard formations, where drilling will be most difficult, we have set our completion date for ten months, maximum, after commencement of drilling.

Costs of drilling will vary with the formation and the time required will be reduced as softer formations are encountered. However, certain portions of the costs are fixed and must be met without regard to duration of drilling program. In view of this, it is estimated that the minimum cost of this project, with most favorable conditions and formations, will approximate $84,000.00.

FORM MF-103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

4.(a)



O: Proposed Exploration Holes

FORM MF- 103

Allen R. Kinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

5. There are no buildings or facilities of any kind on this property at present. The only installation of any sort was a specially constructed cache for dynamite and it will require no improvement.

FORM MF - 103

Allen R. Meinkauf
Donald B. McGee
Houston, Texas

6. The only building required for the exploration program will be a small warehouse for tool and equipment storage. Buildings of this type are sold knocked down and pre-cut. They can be assembled and erected by three men in six hours.

1- Building, 12x24x8 . $750.00

In addition a 35-ft Spartan House trailer, with its own light plant and air-conditioning, providing sleeping quarters for six, will be rented. This is discussed further under operating equipments (Question 7).

FORM MF 103

Allen R. Meinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

7. Operating Equipment.

(a). Rented. One 35-ft. Spartan House Trailer, with air-conditioning plant, its own light plant (gasoline powered), and to be equipped for field lab work.

Rental on this unit has been set at $150/ month by Mr. Mack, who presently owns it. Comparable equipment on the open rental market rents for four times this amount. It is offered here at this price as a means of keeping costs down and in order to make use of it. The trailer is about a year old, in first-class condition.

(b). Purchased. It will be necessary to purchase a 5000 gal. water truck. A tractor-trailer semi. is indicated for this work, and the estimated price for this equipment is $3300.00.

It will also be necessary to purchase drilling bits and diamond-faced bits. Hard-rock steel bits cost $108. each and it is estimated 10 will be required. Diamond bits costs $2200 each and two are the estimated requirements.

Instruments for determination of amounts of radiation will be heeded. The preliminary grid plot can be best done by using a portable Scintillation counter like the Model 111 put out by Engineers Syndicate Ltd., of Hollywood. This unit is priced at $495. For deep hole probe counting to be used in the evaluation of drill holes, the Model LP-9 Long Probe Drill Hole Scintillation Counter with syncronized Recorder and additional cable, at a total cost of $3461, will be used.

A field lab will be set up in the trailer, using an Ultraviolet lamp, sodium flouride, bunsen burner and platinum wire loops. This can be done for $50.

(c). Furnished equipment. We are prepared to furnish a Failing 44 Drilling Rig, with auxiliary pump, 1500 feet of drill stem, and valves, fittings, accessories, etc., as needed. This does not include expendable items normally consumed in the course of operation. Subject to the written approval of the Administrator of Defense Minerals Agency, this equipment is being put up as our part of the cost of the project. As a capital asset it is calculated to be worth $20,000, replacement value at present prices, and is being charged against Total Project Costs at the rate of $66/day. However, in event the project terminates at an early date, earlier than the ten months contemplated, this amount is to be interpreted as being fixed at $19,880, or our ten percent of Total Costs, which ever is least.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

8.

Labor required:

1- Driller : $1.75/hour and time and one-half for overtime, on a 12 hour/day basis, 26 days per month. or $637/ month; for 10 mos.: $ 6370.

3- Laborers, (Truck-driver, pump man, and drilling helper) ($1.25/ hr; 12 hrs./day; 26 days/mo; 1½ x for overtime).. $455. per mo. each or all three for $1365 per month, 10 mos. 13650.

Supervision:

W. T. Mack: Engineer in residence, geologist and Core Drilling Supervisor and Consultant..... $100/day; 26days/mo. 10 month basis..... 26000.

D. B. McGee: Uranium technical specialist and accountant... $750/mo. 10 month basis..... 7500.

A. R. Kleinkauf: Project supervisor and administrator $750/ month... 10 month basis..... 7500.

FORM MF 103

Allen R. Kleinhauf
Donald B. McGee
2510 Wentworth
Houston, Texas

9. Estimated costs of materials, etc.
Fixed expenses that must be incurred whether the program lasts either five or ten months:

Transportation of equipment to site and return (3 trucks, house trailer & accessories: 3 units at .40/mile: 3000 miles)	3600.
Instruments and Lab. Equip. (Portable and deep hole scintillometers, field lab. equip)	3661.
Survey (360 grid station & contour map) (Survey party at $100/day for 15 days)	1500.
Warehouse Building (20x24x8)	750.
Water truck (Semi with tank trailer)	3300.
* Drilling Rig with drill stem and accessories. (Failing 44 with 52 ft portable or collapsible boom, pumps, valves, accessories &1500 ft of drill stem.)	19800.

Operating Expenses: These costs can vary widely, depending on drilling conditions and circumstances.

Diamond Drill Bits (2 @ $2200 ea.)	4400.
Steel Hard Rock Bits (10 @ $108. ea/)	1080.
Drilling Mud (20 sacks / hole; 20 holes, $2 per sack.)	800.
Fuel, maintenance, oil, and upkeep costs on 3 trucks.. $50/day; 30 days/mo. (Since rental rates on a bulldozer required for 2 or 3 days work at the start of the project are not available for that area, these costs are assumed to not exceed $3000 and are included with this item.)	15000.
Transportation and other personal expenses incurred by supervisory personnel in connection with the project.. not to exceed $150/mo.	1500.
Laboratory analysis of cores by outside labs.	1500.
4½% added for misc., inflated prices above present quotations, and unforeseen difficulties.	5370.

* Drilling Rig represents Operator's share of loan and is to be furnished as Operator's equipment.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

10. (a). We are prepared to invest the capital assets represented by the Drilling Rig and its accessories. This is listed as worth $19,800.00 in the cost estimation sheet.

(b). The amount offered for loans to be used in exploration of uranium ores is listed in Section 9 of MO-5 as 90% of total costs. The remaining 10%, which amounts to $12,328 in this case, is to be met by our assets in equipment.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of California, County of San Bernardino, described as follows: 1/ Four lode claims, known as the "Donald Fiend," "Dorothy Fiend", "Jose Fiend", and "Minnie Lee" glaims; said claims all approximately 20½ miles from Adalanto, California and all facing along U. S. Highway #359, in close proximity to Highline Towers #1448, 1447 & 1446. Exact and detailed descriptions of monument locations are set out and further indexed as Claims Nos. 239, 240, 241 and 243, all being recorded in Book 319, pps. 50, 51, 52 and 54 of the Mining Records of San Bernardino County, California.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Donald B. McGee
Allen R. Kleinkauf

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 4 day of April, 1953.

Donald B. McGee [Seal]

Allen R Kleinkauf [Seal]

Margee Kay Notary [Seal]
Harris County

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of California, County of San Bernardino, described as follows: 1/ Four lode claims, known as the "Donald Fiend," "Dorothy Fiend", "Jose Fiend", and "Minnie Lee" claims, said claims all approximately 20½ miles from Adalanto, California and all facing along U. S. Highway #359, in close proximity to Highline Towers #1448, 1447 & 1446. Exact and detailed descriptions of monument locations are set out and further indexed as Claims Nos. 239, 240, 241 and 243, all being recorded in Book 319, pps. 50, 51, 52 and 54 of the Mining Records of San Bernardino County, California.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Donald B. McGee
Allen R. Kleinkauf

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 4 day of April, 195 3.

Donald B. McGee [Seal]
Allen R Kleinkauf [Seal]
Margee Kay Notary Harris County [Seal]

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of California, County of San Bernardino, described as follows: 1/ Four lode claims, known as the "Donald Fiend," "Dorothy Fiend", "Jose Fiend", and "Minnie Lee" claims, said claims all approximately 20½ miles from Adelanto, California and all facing along U. S. Highway #359, in close proximity to Highline Towers #1440, 1447 & 1446. Exact and detailed descriptions of monument locations are set out and further indexed as Claims Nos. 239, 240, 241 and 243, all being recorded in Book 319, pps. 50, 51, 52 and 54 of the Mining Records of San Bernardino County, California.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Donald B. McGee
Allen R. Kleinkauf

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 4 day of April, 195 3.

Donald B. McGee [Seal]

Allen R Kleinkauf [Seal]

Margee Kay Notary [Seal] Harris County

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of California, County of San Bernardino described as follows: 1/ Four lode claims, known as the "Donald Fiend," "Dorothy Fiend", "Jose Fiend", and "Minnie Lee" claims, said claims all approximately 20½ miles from Adelanto, California and all facing along U. S. Highway #395, in close proximity to Highline Towers #146, 147 & 146. Exact and detailed descriptions of concurrent locations are set out and further indexed as Claims Nos. 230, 229, 231 and 233, all being recorded in Book 312, pgs. 50, 51, 52 and 53 of the Mining Records of San Bernardino County, California.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ Donald B. McCoo
Allen K. Kleinkauf

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production 3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 4 day of April 195 3.

Donald B. McCoo [Seal]

Allen K Kleinkauf [Seal]

Margee Kay Notary [Seal] Riverside County

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of California, County of [illegible] described as

follows:1/ [illegible] claims, known as the "[illegible]," "[illegible]", "[illegible]", and "[illegible]" claims, said claims all approximately 20 miles from [illegible], California and all facing along U. S. Highway [illegible], in close proximity to [illegible] Square [illegible], [illegible] & [illegible]. Exact and detailed descriptions of current locations are set out [illegible] Exhibit [illegible] as Claims Nos. [illegible] and [illegible], all located in [illegible] County, [illegible], California.

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ [illegible]
[illegible]

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 4 day of April, 195 3.

Donald B. [illegible] [Seal]

Allen R Kleinhans [Seal]

Margee Day notary [Seal] Harris County

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

MF-203

OWNER'S CONSENT TO LIEN

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of _____, County of _____, described as follows:1/ _____

which is the subject of a proposed exploration project contract, hereinafter called the "contract", between the United States of America, hereinafter called the "Government", and

2/ _____

hereinafter called the "Operator"; and

WHEREAS, under certain provisions of said contract which are set forth on the reverse side hereof, the Government is entitled to a percentage royalty on production and to certain other rights and equities which do or may conflict with or be adverse to the interest of the undersigned in said property;

NOW THEREFORE, the undersigned, in consideration of said contract and as an inducement to the Government to enter into same, undertakes and agrees as follows:

1. The Government's equity in and right to dismantle, sever, take possession of, and remove and dispose of facilities, buildings, fixtures, equipment, or other items as provided in the contract, or any amendment thereof, shall prevail over and be prior and superior to any conflicting or adverse rights of the undersigned, and the Government is authorized to enter upon the land for such purposes.

2. To secure the payment to the Government of the percentage royalty on production3/ provided for under the terms of said exploration project contract, or any amendment thereof which does not increase the maximum amount of the Government's claim here stated or alter the provisions for repayment, there is hereby granted to the Government a lien upon the land herein described and upon any production of minerals therefrom, until the royalty claim is fully paid in the amount of the Government's contribution, not in excess of 4/$ _____, or ten years have elapsed from the date of the contract.

3. The undersigned shall commit no act nor assert any claim that may contravene or conflict with the lien, claim, or rights of the Government under the provisions of said contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the undersigned.

Dated this 4 day of April, 195 3.

Donald R. Duncan [Seal]

Allen R Klenkenf [Seal]

Margee Kay Notary [Seal] Harris County

1/ Either (a) insert the legal description of the land, or (b) strike out the words "as follows" and insert "in a lease [or contract, deed, or other document] dated _____, and recorded in book _____ page _____ official records of said county." If (b) is used, the book and page of recordation cannot be dispensed with. If the space provided is insufficient, use an Annex, and refer to the Annex in the space.

2/ Insert the name of the Operator as it will appear in the exploration project contract.

3/ Mining or production from the land is not required, and in the absence of production there is no obligation to repay the Government.

4/ Insert the maximum amount of the Government's contribution.

RELEVANT CONTRACT PROVISIONS

Repayment by Operator. (a) If, at any time, the Government considers that a discovery or a development from which production may be made has resulted from the exploration work, the Government, at any time not later than six months after the Operator has rendered the required final report and final account, may so certify in writing to the Operator. The certification shall describe broadly or indicate the nature of the discovery or development. In the event of such certification, any minerals mined or produced from the land described in Article 2 within 10 years from the date of this contract, including any mined or produced before the certification, shall be subject to a percentage royalty which the Operator or his successor in interest shall pay to the Government, upon the net smelter returns, the net concentrator returns, or other net amounts realized from the sale or other disposition of any such production, in whatever form disposed of, including ore, concentrates, or metal, until the total amount contributed by the Government, without interest, is fully repaid, or said 10 years have elapsed, whichever occurs first, as follows:

(1) One and one-half (1½) per cent of any such net amounts not in excess of eight dollars ($8.00) per ton.

(2) One and one-half (1½) per cent of any such net amounts, plus one-half (½) per cent such net amounts for each additional full fifty cents ($0.50) by which such net amounts exceed eight dollars ($8.00) per ton, but not in excess of five (5) per cent of such net amounts.

(For instance: the percentage royalty on a net amount of five dollars ($5.00) per ton, would be one and one-half (1½) per cent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) per cent.)

(b) As here used, "net smelter returns", "net concentrator returns", and "other net amounts realized from the sale or other disposition", mean gross revenue from sales; or if not sold, the market value, the market value of the material after it is mined in the form in which and the place where it is held. In the case of integrated operations in which the material is not disposed of as such, these terms mean what is or would be gross income from mining operations for percentage depletion purposes in income tax determination.

(c) To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

(d) This article is not to be construed as imposing any obligation on the Operator or the Operator's successor in interest to engage in any mining or production operations.

Title to and disposition of property. All facilities, buildings, fixtures, equipment, or other items costing more than $50.00 each, paid for or purchased with funds contributed jointly by the Operator and the Government, although title may be taken in the name of the Operator, shall belong to the Operator and the Government jointly, in proportion to their respective contributions, and upon the completion of the work or the termination of the contract shall be disposed of promptly by the Operator for the joint account of the Government and the Operator, either by return to the vendor, by sale to others, or purchase by the Operator at a price at least as high as could otherwise be obtained, as may appear to be for the best interest of the Government, unless the Government, in writing, waives its interest in any such item. If necessary to accomplish such disposition, the Operator shall dismantle, sever from the land, and remove any such item, the cost thereof to be for the joint account of the parties in proportion to their respective interests. If the Operator, within 90 days after the receipt of written notice from the Government, fails, neglects, or refuses to dispose of such property, the Government may itself enter upon the land, take possession of, and remove and dispose of any such property as above provided.

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. domestic 2855

Date received 1-19-53

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Name and address of applicant

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

Date Jan 13, 1953

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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

(Name of company)

By Allen R Klenkenf
(Signature of authorized official)

(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—63792-1

MF- 100

Allen R. Kleinkauf &
Donald B. McGee
2510 Wentworth
Houston, Texas

GENERAL TECHNICAL DATA SHEET

1. Materials produced:
   This question is not applicable; an exploration loan is being sought.

2. Names and types of workings:
   Four lode claims on which development and assessment work has been done to the extent of six holes or pits ten feet in maximum depth.

3. (a). The distance and direction to the nearest town:
   These claims are nine miles south of Shipp Junction, Calif. and 20½ miles north of Adalanto, California. There is a shipping point at Kramer Siding, on the Santa Fe Line, which is at Shipp Junction.

   (b). These claims are a new area, although there are signs of older workings for gold in diggings approximately half mile away. The names of these claims and the name of this older district is not known by the writer. However, the Randsburg mining district is approximately 25 miles north of these claims and is beleived to be a possible expension of the same geologic formations.

   (c). These claims are in Township 9 North, Range 6 West, Sections 16 and 17, San Bernardino Meridian.

   (d). The claims are in San Bernardino County, California.

4. This property is not now in operation, but the exploration program will be actively supervised by the owners, McGee and Kleinkauf.

5. These claims have never been in production, and will not be put into operation until they are comprehensively cored and ore reserves are proven. It is estimated the exploration program will require ten months to complete once drilling is started.

6. Experience of operators:

   (a). Applicants: Allen R. Kleinkauf ; 2 yrs. Mining Eng. @ Univ. of Arizona, B.S. degree from Univ. of Mich., 2½ yrs of Grad. School @ Univ. of Texas. 1 year underground experience as a miner at the Junction Shaft, Copper Queen District, Phelps Dodge Corporation in Bisbee, Ariz. 1 year as Ass't to Pres. of Mammoth Sulphur Company, Houston, Texas. (Job consisted of making field trips to evaluate mineral offerings. This specific coring proposition was <u>not</u> taken to the company for financing because we wish to retain control and title to it.)

FORM MF-100

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

6. (a) (Cont'd)
Applicants (and Owners)
Donald B. McGee ; General business experience: Ship Master (Oil Tankers) for ten years; Construction Business-- 6 mos.; 6 years of uranium prospecting all over the world, and two years of practical uranium prospecting at this specific site.

(b) Managers on the project:
W. T. Mack ; 14 years of self-employment as a petroleum engineer and geologist, also as an independent oil operator and driller. Mr. Mack will be incharge of the drilling and exploration program, on equipment he has owned for a number of years and with which he is thoroughly familiar. He has a small participating share in the profits of any subsequent successful development.

7. History:
(a) There has been no previous developmental or operative work on this property with the exception of location and assessment work.

(b) No information regarding the history of the gold workings in the vicinity is available to us at this time. They appear to have been abandoned for some time.

(c) Of the samples analysed to date, the one taken from the surface was found to contain .03% U_3O_8. Another sample was taken from a prospect hole approximately seven feet from the first and four feet below the surface. Analysis of this sample showed .07% U_3O_8, for an increased enrichening of over 100% in four feet. Further digging was not done at this time since the analysis reports were obtained after leaving the field. Digging into the pegmatitic dikes with pick and shovel is very unsatisfactory in view of the hardness of these formatinns. However, the indications of radioactivity and secondary deposition of radioactive materials in the form of carnotitic types of limestone enrichening on the overburden was taken as ample justification for a full scale exploratory and core-drilling program.

8. The applicant is not a Corporation, but a limited partnership in that Allen R. Kleinkauf and Donald B. McGee have agreed to divide all the net profits remaining after all other claimants have been satisfied. To date the only other participant in any benefits is W. T. Mack, who has been offered a 15% interest in the net profits for his core drilling equipment.

9. This question is not applicable.

10. This question is not applicable.

11. This question is not applicable.

FORM MF-100

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

12. Ore and Mineral Reserves:
(a). The deposit is made up of three pegmatitic dikes which appear to run in a northeasternly direction at a very sharp angle of dip. These dikes were exposed in the cut made for U. S. Highway 359 which passes thru the claims. Filing was made on the basis of these exposed ends, after confirmatory prospect and discovery work had been done.

(b). This section is not applicable at this time since no measure has been made of reserves. That is the purpose of the loan presently being requested.

(c). Same as (b) above.

13. Access Roads:
A paved U. S. Highway (#359) runs through the property. There are living facilities in Kramer and shipping points at Shipp Junction, respectively nine and one-half and ten miles away.

14. Water supplies:
There is a water table at 300 feet in Kramer. No evidence exists as to the depth or extent of this formation on the claims. However, water can be obtained for core-drilling at either Kramer (9½ miles) or Adalanto (20 miles). In event the rate of consumption is too great for either of these sources, the Mohave River is only 23 m iles from the claims.

15. No power will be required from commercial sources for the coring program. However, the Highline from Boulder Dam runs through the property alongside the highway, so ample power will be available for mining operations when required.

16. This question does not apply at present.

17. There is no equipment on the property at present. However, subject to approval of the transaction by the DMEA Administrator, we will have a "Failing 44" core-drilling machine, mounted on a 5-Ton International Truck, with pumps, valves, fittings, and accessories as required, along with 1500 feet of drill stem pipe. This is heavy enough equipment to drill thru any formation we might meet to a depth of 1500 feet. While such depths may not prove necessary, we are planning to trace the ore to its geologic base, if at all possible.

18. This property is in the Mohave Desert and therefore operations are expected to be initially difficult at certain times of the year. Therefore, every attempt is being made to develop the major portion of the exploratory work before the summer heat becomes too oppressive.

COPY COPY

STATE OF TEXAS :

COUNTY OF HARRIS : KNOW by these presents, THAT

Donald B. McGee, hereafter known as Party of the First Part, and Allen R. Kleinkauf, hereafter known as Party of the Second Part, do hereby agree to join together their cooperative efforts and endeavors for their mutual benefits in those matters which are expressly and solely limited to the promotion, development, and exploitation of certain uranium and other valuable minerals; and further, that Party of the First Part does release and assign a one-half (1/2) interest in all the profits and benefits accruing from the successful exploitation of these claims after all other claimants and shareholders have been paid; but, such payment of interest shall be made only in the event that the Party of the Second Part shall have been and is instrumental and able to effect whatever arrangements that prove necessary to effect a successful exploitation of these minerals.

Party of the First Part further agrees to carry the preliminary costs to the extent of his own personal expenses until such time as the core-drilling and examination program are financed, at which time a readjustment of this arrangement will be taken into consideration. Party of the First Part further warrants and agrees that Title to these properties is, to the best of his knowledge, as represented, and, further that any subsequent title disparities that are later proven to be existant at the time of this document shall be remedied solely at his expense, insofar as these mineral claims are involved.

Party of the Second Part agrees to assume the expense for any and all personal inspection either by himself or his representative that he deems necessary to satisfy himself that these claims warrant exploitation, and these inspections shall be in whatever detail he deems necessary.

Copies of all assay and engineering reports made in connection with these inspections, or any other, shall be furnished to Party of the First Part, or made accessible for his inspection.

Both Parties further agree that any additional or adjoining claims or grounds deemed desirable by later developments in the exploitation program will be located and staked in accordance with the terms of this agreement, to the equally shared benefit of both Parties.

Promotion and direction of the coring, exploration, examination, operation, and development shall be a joint endeavor of both parties. It is further agreed that neither Party shall make assignement of interest nor partition of shares in these deposits or claims without express agreement of the other Party. However, in the event that one Party is able to consummate an agreement of benefit toboth Parties, he shall be tentatively allowed to do so, so long as he follows the general policies of interest to both Parties. Subsequent ratification by the absent Party shall be the recommended policy wherever possible.

Be it hereby further understood and agreed by both parties that a fuller and more detailed agreement will be entered into at or before production begins, based on the fundamentals of this agreement.

This contract shall extend to and be binding upon the heirs, executors, administrators and assigns of the respective parties.

(SIGNED)
Donald B. McGee Party of First Part

(SIGNED)
Allen R. Kleinkauf- Party of Second Part

COPY COPY

The aforegoing agreement is hereby amended to the extent of setting out a date and delineating the legal descriptions of the properties in question.

The agreement was drawn up on the 15th day of November, 1952, and is to be regarded for all intents and purposes as effective and binding on that date.

The phrase "certain uranium and other valuable mineral", which appears in the first paragraph, is hereby expanded to give the following legal description of these properties, to wit:

> "Four lode claims, recorded on pages 50, 51, 52 and 54 of Book 319 of the Mining Records of San Bernardino County, California, described more fully as follows:
> 1) Lode claim "Donald Fiend", facing on U.S. Highway #359, approximately 20½ miles from Adalanto, Calif. The discovery monument being 210 feet from Highline Tower #1448, which bears 255° magnetic, approx., claim indexed 239, book 319, page 50, Mining Records, San Bernardino County, California.
> 2) Lode claim "Dorothy Fiend", facing U.S. #359, approx. 20½ miles from Adalanto Cal. Monument being approx. 150 ft. from Highline Tower #1447, which bears 300° approx., Claim indexed 240, Book 319, Page 51, Mining Records, San Bernardino, Co., Calif.
> 3) Lode Claim "Jose Fiend" facing U.S. #359, approx. 20½ miles from Adalanto, Cal. Monument approx 300 ft. from HT#1446, 270°mag., claim indexed 241, BK.319, Pg 52.
> 4) Lode claim "Minnie Lee", facing on U.S. Highway 359, approx 20½ miles from Adalanto, Calif. Monument being 200 feet from HT #1447 which bears 055° mag. approx. Claim indexed 243, Book 319, Page 54, Mining Records, San Bernardino County, California."

Signed this the 22 day of

December, 1952

(Signed) DONALD B. McGEE
Donald B. McGee

(Signed) ALLEN R. KLEINKAUF
Allen R. Kleinkauf

COPY COPY

AN AGREEMENT

This agreement, made and entered into, this the 3rd day of January, 1953, by and between Donald B. McGee and Allen R. Kleinkauf, hereaftere known as Parties of the First Part, and W. T. Mack, hereafter known as Party of the Second Part, all residents of the City of Houston, County of Harris, State of Texas, witnesseth as follows, to wit:

THAT said Parties of the First Part are in possession of and sole owners of certain claims of uranium and other valuable minerals located in the State of California, County of San Bernardino, more exactly described as follows:

> "Four lode claims, known as the "Donald Fiend," the "Dorothy Fiend", the"Jose Fiend", and the "Minnie Lee", all facing along U. S. Highway #359, approximately 20½ miles from Adalanto, California, and in close proximity to Highline Towers numbered 1446, 1447, and 1448, said claims being recorded on Pages 50, 51, 52 and 54 of Book 319 of the Mining Records of San Bernardino County, California."

AND, that said Parties of the first Part are desirous of having said claims examined, explored, and core-drilled, and do therefore extend and assign a one-tenth (1/10) undivided interest in all benefits, profits and remunerations of every kkind that result from the development of and exploitation of said claims and mineral rights, such assignment being thereby considered and acknowledged as sufficient consideration in and for certain items of drilling equipment which said Party of the Second Part does hereby represent to own in fee, and which are set out as follows, to wit:

> " One 'Failing' 44 drilling rig, mounted on a 5-ton International Truck, with miscellaneous accessories and fittings, as required in and for the operation of this drilling rig, including 1500' of 2-7/8" drill pipe, but exclusive of expendable items like special drill bits normally consumed in the process of drilling."

Said equipment is estimated to be worth approximately $20,000.00, replacement value at current prices, but be it hereby understood that said equipment be recognized as sufficient consideration only in the event that its assessed valuation in dollars as determined by an impartial assessment, be in excess of ten percent of the total costs of a complete and comprehensive exploration and core-drilling program, such costs to be determined in accordance with the regulations of the Defense Minerals Exploration Agency as pertain to exploratory projects of this nature.

It is further understood and hereby agreed that title to said drilling equipment shall return to Party of the Second Part at the conclusion of this drilling program, no matter what the outcome of this program may be; and also that such equipment shall remain in the possession and under the direct supervision of Party of the Second Part at all times, and that this agreement shall be the basis of a contract for the sale of such equipment only to the extent that such equipment shall be regarded as adequate and sufficient capital assets to effectuate the securing of a Governmental or other similar type of loan, said loan to make up the remaining coring costs in their entirety.

AND, further, said Party of the Second Part does hereby agree to operate and/or supervise the operation of these equipments in this coring program as proposed, with a just compensation commensurate to his skills and abilities in the event such compensation ia approved by the grantee of the remaining portion of the core-drilling loan. He further agrees to serve as technical adviser and consultant on any and all subsequent coring and exploratory work in connection with any later developments and expansions of this mineral property, assuming the responsibilities for organizing and setting up such explorations, s

such actions and advices to be offered in the capacity of recommendations from a profit-sharing engineer and geologist.

In the event Party of the Second Part is able to develop this coring program effectively and efficiently enough to satisify the demands of whatever sources of operational and developmental capital that may later be arranged as regards the quality and quantity of ore reserves, Parties of the First Part do hereby extend and grant to said Party of the Second Part a five percent (5%) undivided interest as a separate consideration over and above that heretofore set out, such consideration to be regarded as a bonus.

It is further agreed and understood by all Parties that failure to obtain a loan for any reason whatsoever from the Defense Minerals Exploration Agency or other source for the remaining costs of coring shall nullify and void completely and in every respect every and all parts of this agreement in its entirety.

Fullfillment and performace on this agreement is further understood by all participants to be contingent upon written approval of this action by the Administrator of the Defense Minerals Exploration Agency, in accordance with the requirements of this Agency's directives, and in the event the loan for the remaining portion of the coring costs be obtained through that Agency.

All participants do hereby agree that any and all mineral claims on nearby or adjoining lands, as filed by him or his agents or assigns through any arrangements whatever shall come under the same terms of participation as are herein existant, and further, Party of the Second Part does agree to use whatever skills and abilities he may have as an engineer and geologist to expand the aforementioned claims to what ever extent seems justified and warranted.

Be it hereby fully understood and agreed by the Parties herein concerned that a fuller and more detailed contract may be entered into at or before actual coring begins, based on the fundamentals of this agreement.

This contract shall be binding upon and extend to the heirs, executors, administrators and assigns of the respective Parties.

(Signed)

Donald B. McGee-Party of First Part

(Signed)

Allen R. Kleinkauf-Party of First P.

(Signed)

W. T. Mack- Partt of Second Part

BOOK 319 PAGE 50

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the DONALD FIEND Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 1951. This discovery is made and the original notice is posted this 4th day of MAY, 1951.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the EAST erly side is 300 feet; that the width on the WEST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at DISCOVERY MONUMENT AND EXTENDING 50 feet in a Southerly direction thence 300 feet to each side which is marked by rock monument, the end lines running 145° mag - 325° mag approx. thence 1600 feet along the sides in a direction of 55° mag - 235° mag. approx, Each of the Corners being marked by a stone monument and the Center of each line being marked by a similar stone monument.

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: Location on U.S. Highway #395 approx 20½ miles from Adelanto Calif; the Discovery monument being 210 feet approx from High Line tower #1448 which bears 255° mag approx from monument. Claim being in township 9N, Range 6W, SBM.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: [signature]

LOCATORS: Donald B. McGee
DONALD B. McGEE

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery Monument - Stone 20" high

End Line Sides	Stone monuments - Stones 30" high
Center of End Lines	Stone monument - Stones 30" high

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee
DONALD B. McGEE

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Sunk Shaft 12 feet long - 4 feet wide 10 feet deep. Dug Sidehill prospect holes.

Locators: Donald B. McGee
DONALD B. McGEE

239 INDEXED

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 1:36 P.M.

BOOK 319 PAGE 50
MINING RECORDS
San Bernardino County, Calif.
TED J. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATED COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the DOROTHY FIEND Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 1951. This discovery is made and the original notice is posted this 4th day of MAY, 1951.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the WEST erly side is 300 feet; that the width on the EAST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at DISCOVERY MONUMENT AND EXTENDING 50 feet IN A SOUTHERLY DIRECTION THENCE 300 ft TO EACH SIDE WHICH IS MARKED BY A ROCK MONUMENT THE END LINES RUNNING 145° MAG - 325° MAG. APPROX. THENCE 1500 FEET ALONG THE SIDES IN A DIRECTION OF 055° MAG - 235° MAG. APPROX, EACH OF THE CORNERS BEING MARKED BY A STONE MONUMENT AND THE CENTER OF EACH END LINE BEING MARKED BY A STONE MONUMENT.

4. This claim can be identified by its proximity to the following natural object, or permanent monument, to-wit: FACING ON U.S. HIGHWAY #395, APPROX 20 MILES FROM ADELANTO, CALIF, THE DISCOVERY MONUMENT BEING 150 FEET APPROX FROM ELECTRIC MINING TOWER #1447 WHICH BEARS 300° MAG. APPROX. THE CLAIM BEING IN TWSH. 9N, RANGE 6W, S.B.M.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: L. P. McGee

LOCATORS: Donald B. McGee

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: DISCOVERY MONUMENT: STONES, 36 in High

ENDS AND SIDES	STONES - 36" High
CENTER OF END LINES	STONES - 36" High.

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee

240 INDEXED

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows:

SUNK SHAFT 20 FT. LONG 4 FT WIDE AND 10 FT DEEP 40 feet from discovery monument. Dug 4 prospect Holes of various sizes

Locators: Donald B. McGee

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 12 M

BOOK 319 PAGE 51

MINING RECORDS
San Bernardino County, Calif
FRED R. CARPENTER, Recorder

Hazel Gabler Dep.

1.00

PHOTOSTATED COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:

1. The name of this claim is the JOSEFICWD Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 19 51. This discovery is made and the original notice is posted this 4th day of MAY, 19 51.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the EAST erly side is 300 feet; that the width on the WEST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at Discovery monument and extending SOUTHERLY Fifty feet to center of end line monument thence 300 feet on either side of this monument to a corner monument thence 1500 feet in a Northeasterly direction to a corner monument thence 300 feet on each side of the north corner monument to a center line monument

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: being on U.S. highway #395, approx. 20½ miles from Adelanto Calif. The Discovery monument being approx. 800 feet from high line tower #446 which (record) bears 270 mag approx. the claim being in township 7N, Range 6W, SBM

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: D. B. McGee

LOCATORS: Donald B. McGee (DONALD B. McGEE)

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code are designated and described as: Discovery monument stones 30" high

Center & End lines	Stone - 30" high
Sides	Stone - 30" high

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee (DONALD B. McGEE)

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Sunk discovery shaft 12 feet long 4 feet wide, 10 feet deep and etc. etc. Several prospect holes.

Locators: Donald B. McGee (DONALD B. McGEE)

241 INDEXED

RECORDED AT REQUEST OF LOCATOR - OWNER

1.00

MAY 31 1951 at 4:26 P.M.

BOOK 319 PAGE 52

MINING RECORDS
San Bernardino County, Calif.
FRED R. CARPENTER, Recorder
Hazel Gabler Dep.

PHOTOSTATED
COMPARED

This BLANK furnished FREE by San Bernardino County.
Return to Ted R. Carpenter, County Recorder, San Bernardino, California.

NOTE—1949 Legislature amended law regulating Recording Fees.

When computing fees figure $1.00 for the endorsement fee plus 10 cents for each claim, 10 cents for each locator, and 30 cents for a normal description.

PROOF OF LABOR

STATE OF CALIFORNIA,
COUNTY OF SAN BERNARDINO, } ss.

BEFORE ME, The subscriber, personally appeared DOROTHY MC GEE who, being duly sworn, says that at least four hundred (400.00) Dollars worth of labor and improvements were performed or made upon (I) Lode claim "Donald Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 210 feet from Highline Tower #1448 which bears 255° magnetic approx. claim indexed 239, book 319, page 50, Mining Records, San Bernardino, Co., Calif.

(2) Lode claim "Dorothy Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 150 feet from Highline Tower #1447 which bears 300° mag. approx. claim indexed 240, Book 319, Page 51, Mining Records, San Bernadino, Co., Calif.

***(3)

(4)Lode claim "Minnie Lee", facing on U. S. Highway #395, approx. 20½ miles from Adalanto, Calif. The discovery monument being 200 feet from Highline Tower #1447 which bears 055° magnetic approx. claim indexed 243, book 319, page 54, Mining Records, San Bernadino, Co., Calif.

***(3) Lode Claim "Jose Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 300 feet from Highline Tower #1446 which bears 270° magnetic approx. claim indexed 241, Book 319, Page 52, Mining Records, San Bernadino, Co., Calif.

situated in San Bernadino Mining District, San Bernardino County, State of California, during the period from July Ist, 1951 to July Ist, 1952. Such expenditure was made by or at the expense of Donald B. McGee owner of said claim, for the purpose of holding said claim.

Dorothy Mc Gee
Signature.

Subscribed and sworn to before me this 13th day of June, A. D., 1952

George A. Alvers
NOTARY PUBLIC Notary Public.
In and for the City and County of San Francisco, State of California
MY COMMISSION EXPIRES OCTOBER 1, 1952

180

4

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. dmma 2855
Metal or Mineral
Date Received 1-19-53
Amount $
Participation (Government %)

Allen R. Kleinkauf &
Donald B. McGee
2510 Wentworth
Houston Texas

Name and address of applicant

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Date January 13, 1953

If you have already filed MF-100, give date filed _____, type of assistance requested _____,

DMA Docket Number (if 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 in questions 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.

By Allen R Klenkeny

(Name of company) (Signature of authorized official)

(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

FORM MF-103

Alle[illegible]R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

APPLICATION FOR AID FOR AN EXPLORATION PROJECT; AS PER MO-5

1. (a). This property consists of four lode claims, each 600 feet wide and 1500 feet long. There is no existing mine or operation on this property.

(b). Copies of Location certificates, Proof of Labor, and all agreements regarding participation in potential profits from these claims, with proposed encumbrances and liens are enclosed with this application.

(c). The four claims to be explored and examined are in Sections 16 and 17, Township 9 North, Range 6 West, San Bernardino Meridian, San Bernardino County, California. Detailed location of each claim is set out on the "Notice of Location" sheets, photostatic copies of which are enclosed.

2. (a). Metals which we expect to find, either in quantity or in trace, include uranium, vanadium, silver, gold, potassium, iron, sodium, calcium, magnesium, aluminum, strontium, lead, and silicon. This is based on the results of a report made on one sample by spectrographic, semi-quantitative analysis. Of these metals, only the uranium and vanadium are expected to run in commercial amount, with perhaps some occasional quantities of gold and silver.

Minerals in this deposit are believed to be carnotite, uniferous opalite, and possibly uranite.

(b). The greater part of this Mohave Desert area is covered by alluvium, so extensive areas of the geologically significant formations are concealed. What little is known of the geologic conditions in this area indicates it is underlain largely by metamorphic and igneous rock. These occasionally appear as outcroppings, but for the most part they aree separated by large intervening areas covered with continental sediments. This specific deposit of uranium bearing ores, mostly appearing on the surface as carnotite, is beleived to be of secondary, epigenetic, sedimentary, open-space classification.

While geological information on this area is regarded in the literature as incomplete and fragmentary, the volcanics in the immediate vicinity are generally beleived to be of Upper and Middle Miocene origin. There is some suggestion of Jurassic acid intrusives, which may be the source of the pegmatitic dikes that are so prominent in these specific claims.

The carnotitic ores displayed in the outcroppings are recognized as secondary depositions of radioactive mineralizations

FORM RF-103

Allen E. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

2. (b) (con'd).

in limestones and other sedimentary rocks. However, when all the surface and exposed indications are carefully considered, it seems entirely possible that the radioactive elements deposited here (both in the highly fractured, greatly metamorphized calcite, and in the thickly scattered surface deposits of uraniferous opalite) have been derived by hydrothermal actions upon more or less deeply lying deposits of primary uranium minerals.

The basic objectives of the drilling and exploration program are thus, firstly to block out the economic boundaries of this carnotitic ore, and secondly, to explore and trace out the origins or sources of the original radioactivity, if at all possible.

Attempts to gain further and more detailed information about subsurface compositions have been rather unsuccessful in view of the paucity of such data. However, in searching thru the records of dry oil wells drilled in this region, one instance was noted where a well 8½ miles from these claims was abandoned at 700 feet in "non-marine" formations. Another well, 9½ miles distant, was abandoned at 2942 feet in igneous rock. A third, in Horn County and 21 miles away, was abandoned at 1340 feet in granite.

In view of the presence of porphyritic and quartz outcroppings in the area, it was decided that rather heavy drilling equipment would be required to efficiently explore this deposit. The machine proposed is capable of drilling a 4½" hole to a depth of 1500 feet thru hard rock.

Application has been with the Atomic Energy Commission in Grand Junction, Colorado for an engineering and field examination of this deposit. At this time no reply has been received, but any information on proposed action from this Commission will be promptly forwarded.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
RARE AND PRECIOUS METALS EXPERIMENT STATION
Hydrometallurgical and Ore-Dressing [illegible]
Box D, University Station

METALLURGICAL DIVISION

Region III

May 18, 1[illegible]

Mr. D. B. McGee
277 Bennett Avenue
Long Beach 3, California

My dear Mr. McGee:

Reference is made to your lett[illegible] transmitting a sample of radioactive ma[illegible] Bernardino County, California for exami[illegible]

The sample is principally calcite [illegible] cluded pieces of an altered volcanic rock [illegible] limonite and hematite. The yellow radioac[illegible] in your sample is carnotite. The radioacti[illegible] sample is equivalent to 0.03 percent uranium [illegible] counter assay.

Sincerely yours,

J. [illegible] Zadra
Supervising [illegible]

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

ADDRESS REPLY TO:

MANAGER,
COLORADO RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLORADO

AND REFER TO MI:JNW

July 29, 1952

Mr. D. B. McGee
101 Avenue of Oaks
Huston, Texas

Dear Mr. McGee:

We have received the following report on the sample which you recently brought in from Section 16, T. 9 N., R. 6 W., San Bernardino County, California:

Sample No.	U_3O_8	V_2O_5	$CaCO_3$
CR-959	0.07%	0.04%	40.2%

The uranium mineral appears to be carnotite.

If we can be of future service, please let us know.

Very truly yours,

Charles A. Rasor

Charles A. Rasor
Geologist

ALLISON J. GUNN

ASSAYER

543 EAST ANAHEIM STREET
NEAR ATLANTIC
TELEPHONE 627-91

LONG BEACH, CALIF.

DATE. May 8 1951

CERTIFICATE OF ASSAY

SAMPLES ASSAYED FOR Mr. D. B. McGee.

GAVE THE FOLLOWING RESULTS PER TON OF 2000 POUNDS.

NO.	MARKED	GOLD OZ. HDTS	GOLD VALUE AT $ 35 PER OZ.	SILVER OZ. HDTS	SILVER VALUE AT 90⅝¢ PER OZ.	NO.	METAL	PERCENT	POUNDS PER TON
1		.005	.17½¢	.44	.40½¢				
2		.01	.35¢	.16	.14½¢				

CHARGES $ Paid.

THANK YOU

ALLISON J. GUNN, ASSAYER

BY

Don't walk over your Fortune to save a few cents!

FORM MF- 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3. (a). Proposed work and costs:

Initially it is planned that a complete survey will be made of the area, setting out grid stations, taking elevations, and developing a plane table picture of the area. Then a careful grid pattern of the Gamma Ray Intensities at each of the positions will be taken using a portable scintillometer of a type like the Model 111 Portable Scintillation Counter developed and manufactured by "Engineers Syndicate, Ltd.," of Hollywood, Calif. Use of a scintillometer over and in preference to using a Geiger Counter is based on the need for gamma radiation counting without interference and confusion from beta ray sources. This instrument makes this possible, while its electronic Counter gives an accurate result with minimum delay over wide ranges of radioactivity.

Once a complete pattern of gamma ray intensities has been drawn out, it will possible to trace out the areas of maximum ore-values as indicated on the surface. A core drilling program will then be undertaken, initially obtaining one carefully drawn core which can be split into halves. One half will be sent to a recognized laboratory for analysis, while the other half will be used for developing controls to be used in setting up the scintillation counters. Since the rate of response of different ores and minerals is different within each ore as a category, it will be necessary to establish by means of chemical analysis of the ore just how much U_3O_8 is present. Once this scale has been developed, the counted scintillations or radiations can be used as a close approximation to ore values. Then it will be possible to measure the radiation in the ore body directly by use of long Probe Drill Hole Scintillation Counters, without need for further recourse to the laboratory, except for check.

While controls are being established and the first core being studied for geologic clues to ore veining, the drilling program can be proceedding at a much more rapid rate. By Using equipment similar to that used in drilling seismographic shot holes, it will be possible to cut a maximum footage per day without having to take more than an ocasional core. When a hole has been drilled to sufficient depth, a Long Probe Drill Hole Scintillation Counter can be dropped down the hole and a gamma ray curve plotted immediately of the amounts of radiation being emitted from the formation, in situ. In event indications are obtained of the radioactivity still continuing at the bottom of the hole, it will be a simple matter to continue drilling to a maximum depth of 1500 feet with this equipment we are prepared to furnish.

As the drilling program outlines the ore bodies, plot maps will be drawn with contoured grid patterning of relative amounts of radiation at successive depths. By the time drilling is completed, it should be possible to block out the most valuable areas in the deposit and be well into the planning stage of the mine development.

FORM MF-103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3. (a). (con'td).

Since these pegmatites are recognized as being of very hard rock, plans have been drawn for exploration that include the use of a portable, gasoline driven drilling machine, having a hydraulic-pull-down mechanism that makes it possible to put the entire weight of the machine and its mounting base, in this case a 5-Ton truck, on the drill stem and bit. By addition of this much weight it is beleived that no difficulty will be experienced in cutting these holes.

In addition to the power and weight available, this machine is capable of cutting a hole of 4 or 5 inches in diameter. Since the outside diameters on the most accurate and reliable gamma radiation logging probes are 3-5/8", it was decided that holes from 4½ to 5" in diameter would prove most satisfactory. While hard rock diamond drilling is being done underground in many places using diamond bits that cut 1½" core, such a unit can be blocked into place and the bit forced into the rock. From the surface such a technique is not as easily carried out since the only drive on the bit in a downward direction must come from sheer weight of the equipment alone.

By using this equipment we also feel that we can drill holes faster and cheaper after the first core is taken by simply drilling holes without continuous coring. Gamma ray logs of the formation can then be run and will provide more accurate information than continuous coring would give.

(b). Therefore, we plan to drill a total of twenty holes to a depth of 400 feet and plot the gamma radiation from these as the program progresses. In event continued radiation is encountered at the bottom of these holes, they will be drilled on down with the same equipment to a maximum depth of 1500 feet. We estimate the first stage of this can be completed in three to four months and the complete program in ten months, should the primary source of radiation be detected and its exploitation appear warranted.

Work can be started within 45 days after approval and granting of the loan.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3/ (a). (Cont'd) Total Costs..... $123,281.00

(b). Time required to start project:
45 days after approval of loan.

Time required for completion of project.
Under the most favorable drilling conditions, and meeting the "DOE-3 priority, and delivery date of 120 days, with 50% deposit on order" requirement of the instrumentation manufacturer, we will require five months to drill 20 holes to 1500 feet, and make a comprehensive log of the radioactivity.

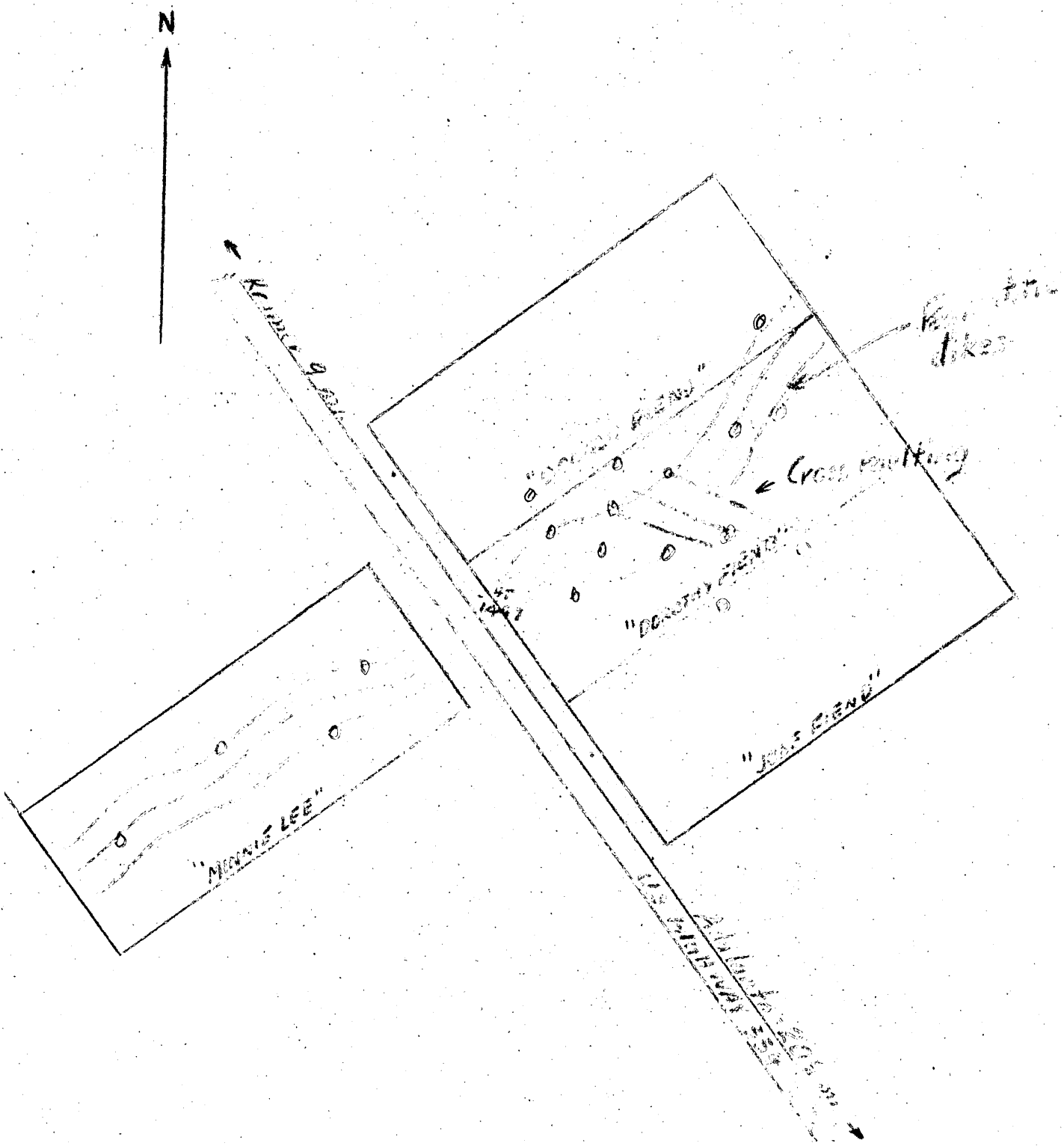
Since we expect to run into very hard formations, where drilling will be most difficult, we have set our completion date for ten months, maximum, after commencement of drilling.

Costs of drilling will vary with the formation and the time required will be reduced as softer formations are encountered. However, certain portions of the costs are fixed and must be met without regard to duration of drilling program. In view of this, it is estimated that the minimum cost of this project, with most favorable conditions and formations, will approximate $84,000.00.

FORM MF-103

Allen R. Kleinfeld
Donald E. McGee
2310 Wentworth
Houston, Texas

4 (a)



0 1 2 3 4 5 6 7 8 9 10

Scale: 1" = 500'

o; Proposed Exploration Holes

FORM MF- 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

5. There are no buildings or facilities of any kind on this property at present. The only installation of any sort was a specially constructed cache for dynamite and it will require no improvement.

FORM MF - 103

Allen R. Kleinkauf
Donald B. McGee
Houston, Texas

6. The only building required for the exploration program will be a small warehouse for tool and equipment storage. Buildings of this type are sold knocked down and pre-cut. They can be assembled and erected by three men in six hours.

1- Building, 12x24x8 . $750.00

In addition a 35-ft Spartan House trailer, with its own light plant and air-conditioning, providing sleeping quarters for six, will be rented. This is discussed further under operating equipments (Question 7).

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

7. Operating Equipment.

(a). Rented. One 35-ft. Spartan House Trailer, with air-conditioning plant, its own light plant (gasoline powered), and to be equipped for field lab work.

Rental on this unit has been set at $150/ month by Mr. Mack, who presentlyx owns it. Comparable equipment on the open rental market rents for four times this amount. It is offered here at this price as a means of keeping costs down and in order to make use of it. The trailer is about a year old, in first-class condition.

(b). Purchased. It will be necessary to purchase a 5000 gal. water truck. A tractor-trailer semi. is indicated for this work, and the estimated price for this equipment is $3300.00.

It will also be necessary to purchase drilling bits and diamond-faced bits. Hard-rock steel bits cost $108. each and it is estimated 10 will be required. Diamond bits costs $2200 each and two are the estimated requirements.

Instruments for determination of amounts of radiation will be heeded. The preliminary grid plot can be best done by using a portable Scintillation counter like the Model 111 put out by Engineers Syndicate Ltd., of Hollywood. This unit is pricdd at $495. For deep hole probe counting to be used in the evaluation of drill holes, the Model LP-9 Long Probe Drill Hole Scintillation Counter with syncronized Recorder and additional cable, at a total cost of $3661, will be used.

A field lab will be set up in the trailer, using an Ultraviolet lamp, sodium flouride, bunsen burner and platinum wire loops. This can be done for $50.

(c). Furnished equipment. We are prepared to furnish a Failing 44 Drilling Rig, with auxiliary pump, 1500 feet of drill stem, and valves, fittings, accessories, etc., as needed. This does not include expendable items normally consumed in the course of operation. Subject to the written approval of the Administrator of Defense Minerals Agency, this equipment is being put up as our part of the cost of the project. As a capital asset it is calculated to be worth $20,000, replacement value at present prices, and is being charged against Total Project Costs at the rate of $66/day. However, in event the project terminates at an early date, earlier than the ten months contemplated, this amount is to be interpreted as being fixed at $19,800, or our ten percent of Total Costs, which ever is least.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

8.

Labor required:

1- Driller : $1.75/hour and time and one-half for overtime, on a 12 hour/day basis, 26 days per month. or $637/ month; for 10 mos.: $ 6370.

3- Laborers, (Truck-driver, pump man, and drilling helper) ($1.25/ hr; 12 hrs./day; 26 days/mo; 1½ x for overtime).. $455. per mo. each or all three for $1365 per month, 10 mos. 13650.

Supervision:

W. T. Mack: Engineer in residence, geologist and Core Drilling Supervisor and Consultant..... $100/day; 26days/mo. 10 month basis..... 26000.

D. B. McGee: Uranium technical specialist and accountant... $750/mo. 10 month basis..... 7500.

A. R. Kleinkauf: Project supervisor and administrator $750/ month... 10 month basis..... 7500.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

9. Estimated costs of materials, etc.
Fixed expenses that must be incurred whether the program lasts either five or ten months:

Transportation of equipment to site and return (3 trucks, house trailer & accessories: 3 units at .4C/mile: 3000 miles)	3600.
Instruments and Lab. Equip. (Portable and deep hole scintillometers, field lab. equip)	3661.
Survey (360 grid station & contour map) (Survey party at $100/day for 15 days)	1500.
Warehouse Building (20x24x8)	750.
Water truck (Semi with tank trailer)	3300.
* Drilling Rig with drill stem and accessories. (Failing 44 with 52 ft portable or collapsible boom, pumps, valves, accessories &1500 ft of drill stem.)	19800.

Operating Expenses: Those costs can vary widely, depending on drilling conditions and circumstances.

Diamond Drill Bits (2 @ $2200 ea.)	4400.
Steel Hard Rock Bits (10 @ $108. ea.)	1080.
Drilling Mud (20 sacks / hole; 20 holes, $2 per sack.)	800.
Fuel, maintenance, oil, and upkeep costs on ¾ trucks.. $50/day; 30 days/mo. (Since rental rates on a bulldozer required for 2 or 3 days work at the start of the project are not available for that area, these costs are assumed to not exceed $3000 and are included with this item.)	15000.
Transportation and other personal expenses incurred by supervisory personnel in connection with the project.. not to exceed $150/mo.	1500.
Laboratory analysis of cores by outside labs.	1500.
4½% added for misc., inflated prices above present quotations, and unforeseen difficulties.	5370.

* Drilling Rig represents Operator's share of loan and is to be furnished as Operator's equipment.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

10. (a). We are prepared to invest the capital assets represented by the Drilling Rig and its accessories. This is listed as worth $19,800.00 in the cost estimation sheet.

(b). The amount offered for loans to be used in exploration of uranium ores is listed in Section 9 of MO-5 as 90% of total costs. The remaining 10%, which amounts to $12,328 in this case, is to be met by our assets in equipment.

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

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 2855

Date received 1-19-53

Allen R. Kleinkauf &
Donald B. McGee
2510 Wentworth
Houston, Texas

Name and address of applicant

Date Jan 13, 1953

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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

(Name of company)

By Allen R Klaukang
(Signature of authorized official)

(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—63792-1

FORM- MF- 100

Allen R. Kleinkauf &
Donald B. McGee
2510 Wentworth
Houston, Texas

GENERAL TECHNICAL DATA SHEET

1. Materials produced:
This question is not applicable; an exploration loan is being sought.

2. Names and types of workings:
Four lode claims on which development and assessment work has been done to the extent of six holes or pits ten feet in maximum depth.

3. (a). The distance and direction to the nearest town:
These claims are nine miles south of Shipp Junction, Calif. and 20½ miles north of Adalanto, California. There is a shipping point at Kramer Siding, on the Santa Fe Line, which is at Shipp Junction.

(b). These claims are a new area, although there are signs of older workings for gold in diggings approximately half mile away. The names of these claims and the name of this older district is not known by the writer. However, the Randsburg mining district is approximately 25 miles north of these claims and is beleived to be a possible expension of the same geologic formations.

(c). These claims are in Township 9 North, Range 6 West, Sections 16 and 17, San Bernardino Meridian.

(d). The claims are in San Bernardino County, California.

4. This property is not now in operation, but the exploration program will be actively supervised by the owners, McGee and Kleinkauf.

5. These claims have never been in production, and will not be put into operation until they are comprehensively cored and ore reservos are proven. It is estimated the exploration program will require ten months to complete once drilling is started.

6. Experience of operators:

(a). Applicants: Allen R. Kleinkauf ; 2 yrs. Mining Eng. @ Univ. of Arizona, B.S. degree from Univ. of Mich., 2½ yrs of Grad. School @ Univ. of Texas. 1 year underground experience as a miner at the Junction Shaft, Copper Queen District, Phelps Dodge Corporation in Bisbee, Ariz. 1 year as Ass't to Pres. of Mammoth Sulphur Company, Houston, Texas. (Job consisted of making field trips to evaluate mineral offerings. This specific coring proposition was <u>not</u> taken to the company for financing because we wish to retain control and title to it.)

FORM MF-100

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

6. (a) (Cont'd)
Applicants (and Owners)

Donald B. McGee ; General business experience: Ship Master (Oil Tankers) for ten years; Construction Business-- 6 mos.; 6 years of uranium prospecting all over the world, and two years of practical uranium prospecting at this specific site.

(b) Managers on the project:

W. T. Mack ; 14 years of self-employment as a petroleum engineer and geologist, also as an independent oil operator and driller. Mr. Mack will be incharge of the drilling and exploration program, on equipment he has owned for a number of years and with which he is thoroughly familiar. He has a small participating share in the profits of any subsequent successful development.

7. History:

(a) There has been no previous developmental or operative work on this property with the exception of location and assessment work.

(b) No information regarding the history of the gold workings in the vicinity is available to us at this time. They appear to have been abandoned for some time.

(c) Of the samples analysed to date, the one taken from the surface was found to contain .03% U_3O_8. Another sample was taken from a prospect hole approximately seven feet from the first and four feet below the surface. Analysis of this sample showed .07% U_3O_8, for an increased enrichening of over 100% in four feet. Further digging was not done at this time since the analysis reports were obtained after leaving the field. Digging into the pegmatitic dikes with pick and shovel is very unsatisfactory in view of the hardness of these formations. However, the indications of radioactivity and secondary deposition of radioactive materials in the form of carnotitic types of limestone enrichening on the overburden was taken as ample justification for a full scale exploratory and core-drilling program.

8. The applicant is not a Corporation, but a limited partnership in that Allen R. Kleinkauf and Donald B. McGee have agreed to divide all the net profits remaining after all other claimants have been satisfied. To date the only other participant in any benefits is W. T. Mack, who has been offered a 15% interest in the net profits for his core drilling equipment.

9. This question is not applicable.

10. This question is not applicable.

11. This question is not applicable.

Al[illegible]n R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

FONM IF-100

12. Ore and Mineral Reserves:
(a). The deposit is made up of three pegmatitic dikes which appear to run in a northeasternly direction at a very sharp angle of dip. These dikes were exposed in the cut made for U. S. Highway 359 which passes thru the claims. Filing was made on the basis of these exposed ends, after confirmatory prospect and discovery work had been done.

(b). This section is not applicable at this time since no measure has been made of reserves. That is the purpose of the loan presently being requested.

(c). Same as (b) above.

13. Access Roads:
A paved U. S. Highway (#359) runs through the property. There are living facilities in Kramer and shipping points at Shipp Junction, respectively nine and one-half and ten miles away.

14. Water supplies:
There is a water table at 300 feet in Kramer. No evidence exists as to the depth or extent of this formation on the claims. However, water can be obtained for core-drilling at either Kramer (9½ miles) or Adalanto (20 miles). In event the rate of consumption is too great for either of these sources, the Mohave River is only 23 m iles from the claims.

15. No power will be required from commercial sources for the coring program. However, the Highline from Boulder Dam runs through the property alongside the highway, so ample power will be available for mining operations when required.

16. This question does not apply at present.

17. There is no equipment on the property at present. However, subject to approval of the transaction by the DMEA Administrator, we will have a "Failing 44" core-drilling machine, mounted on a 5-Ton International Truck, with pumps, valves, fittings, and accessories as required, along with 1500 feet of drill stem pipe. This is heavy enough equipment to drill thru any formation we might meet to a depth of 1500 feet. While such depths may not prove necessary, we are planning to trace the ore to its geologic base, if at all possible.

18. This property is in the Mohave Desert and therefore operations are expected to be initially difficult at certain times of the year. Therefore, every attempt is being made to develop the major portion of the exploratory work before the summer heat becomes too oppressive.

COPY COPY

STATE OF TEXAS :

COUNTY OF HARRIS : KNOW by these presents, THAT

Donald B. McGee, hereafter known as Party of the First Part, and Allen R. Kleinkauf, hereafter known as Party of the Second Part, do hereby agree to join together their cooperative efforts and endeavors for their mutual benefits in those matters which are expressly and solely limited to the promotion, development, and exploitation of certain uranium and other valuable minerals; and further, that Party of the First Part does release and assign a one-half (1/2) interest in all the profits and benefits accruing from the successful exploitation of these claims after all other claimants and shareholders have been paid; but, such payment of interest shall be made only in the event that the Party of the Second Part shall have been and is instrumental and able to effect whatever arrangements that prove necessary to effect a successful exploitation of these minerals.

Party of the First Part further agrees to carry the preliminary costs to the extent of his own personal expenses until such time as the core-drilling and examination program are financed, at which time a readjustment of this arrangement will be taken into consideration. Party of the First Part further warrants and agrees that Title to these properties is, to the best of his knowledge, as represented, and, further that any subsequent title disparities that are later proven to be existant at the time of this document shall be remedied solely at his expense, insofar as these mineral claims are involved.

Party of the Second Part agrees to assume the expense for any and all personal inspection either by himself or his representative that he deems necessary to satisfy himself that these claims warrant exploitation, and these inspections shall be in whatever detail he deems necessary.

Copies of all assay and engineering reports made in connection with these inspections, or any other, shall be furnished to Party of the First Part, or made accessible for his inspection.

Both Parties further agree that any additional or adjoining claims or grounds deemed desirable by later developments in the exploitation program will be located and staked in accordance with the terms of this agreement, to the equally shared benefit of both Parties.

Promotion and direction of the coring, exploration, examination, operation, and development shall be a joint endeavor of both parties. It is further agreed that neither Party shall make assignment of interest nor partition of shares in these deposits or claims without express agreement of the other Party. However, in the event that one Party is able to consummate an agreement of benefit toboth Parties, he shall be tentatively allowed to do so, so long as he follows the general policies of interest to both Parties. Subsequent ratification by the absent Party shall be the recommended policy wherever possible.

Be it hereby further understood and agreed by both parties that a fuller and more detailed agreement will be entered into at or before production begins, based on the fundamentals of this agreement.

This contract shall extend to and be binding upon the heirs, executors, administrators and assigns of the respective parties.

(SIGNED)
Donald B. McGee Party of First Part

(SIGNED)
Allen R. Kleinkauf- Party of Second Part

COPY COPY

The aforegoing agreement is hereby amended to the extent of setting out a date and delineating the legal descriptions of the properties in question.

The agreement was drawn up on the 15th day of November, 1952, and is to be regarded for all intents and purposes as effective and binding on that date.

The phrase "certain uranium and other valuable mineral", which appears in the first paragraph, is hereby expanded to give the following legal description of these properties, to wit:

> "Four lode claims, recorded on pages 50, 51, 52 and 54 of Book 319 of the Mining Records of San Bernardino County, California, described more fully as follows:
> 1) Lode claim "Donald Fiend", facing on U.S. Highway #359, approximately 20½ miles from Adalanto, Calif. The discovery monument being 210 feet from Highline Tower #1448, which bears 255° magnetic, approx., claim indexed 239, book 319, page 50, Mining Records, San Bernardino County, California.
> 2) Lode claim "Dorothy Fiend", facing U.S. #359, approx. 20½ miles from Adalanto Cal. Monument being approx. 150 ft. from Highline Tower #1447, which bears 300° approx., Claim indexed 240, Book 319, Page 51, Mining Records, San Bernardino, Co., Calif.
> 3) Lode Claim "Jose Fiend" facing U.S. #359, approx. 20½ miles from Adalanto, Cal. Monument approx 300 ft. from HT#1446, 270°mag., claim indexed 241, BK.319, Pg 52.
> 4) Lode claim "Minnie Lee", facing on U.S. Highway 359, approx 20½ miles from Adalanto, Calif. Monument being 200 feet from HT #1447 which bears 055° mag. approx. Claim indexed 243, Book 319, Page 54, Mining Records, San Bernardino County, California."

Signed this the 22 day of

December, 1952

(Signed) DONALD B. McGEE
Donald B. McGee

(Signed) ALLEN R. KLEINKAUF
Allen R. Kleinkauf

COPY COPY

AN AGREEMENT

This agreement, made and entered into, this the 3rd day of January, 1953, by and between Donald B. McGee and Allen R. Kleinkauf, hereaftore known as Parties of the First Part, and W. T. Mack, hereafter known as Party of the Second Part, all residents of the City of Houston, County of Harris, State of Texas, witnesseth as follows, to wit:

THAT said Parties of the First Part are in possession of and sole owners of certain claims of uranium and other valuable minerals located in the State of California, County of San Bernardino, more exactly described as follows:

> "Four lode claims, known as the "Donald Fiend," the "Dorothy Fiend", the"Jose Fiend", and the "Minnie Lee", all facing along U. S. Highway #359, approximately 20½ miles from Adalanto, California, and in close proximity to Highline Towers numbered 1446, 1447, and 1448, said claims being recorded on Pages 50, 51, 52 and 54 of Book 319 of the Mining Records of San Bernardino County, California."

AND, that said Parties of the first Part are desirous of having said claims examined, explored, and core-drilled, and do thereforo extend and assign a one-tenth (1/10) undivided interest in all benefits, profits and remunerations of every kkind that result from the development of and exploitation of said claims and mineral rights, sush assignment being thereby considered and acknowledged as sufficient consideration in and for certain items of drilling equipment which said Party of the Second Part does hereby represent to own in fee, and which are set out as follows, to wit:

> " One 'Failing' 44 drilling rig, mounted on a 5-ton International Truck, with miscellaneous accessories and fittings, as required in and for the operation of this drilling rig, including 1500' of 2-7/8" drill pipe, but exclusive of expendable items like special drill bits normally consumed in the process of drilling."

Said equipment is estimated to be worth approximately $20,000.00, replacement value at current prices, but be it hereby understood that said equipment be recognized as sufficient consideration only in the event that its assessed valuation in dollars as determined by an impartial assessment, be in excess of ten percent of the total costs of a complete and comprehensive exploration and core-drilling program, such costs to be determined in accordance with the regulations of the Defense Minerals Exploration Agency as pertain to exploratory projects of this nature.

It is further understood and hereby agreed that title to said drilling equipment shall return to Party of the Second Part at the conclusion of this drilling program, no matter what the outcome of this program may be; and also that such equipment shall remain in the possession and under the direct supervision of Party of the Second Part at all times, and that this agreement shall be the basis of a contract for the sale of such equipment only to the extent that such equipment shall be regarded as adequate and sufficient capital assets to effectuate the securing of a Governmental or other similar type of loan, said loan to make up the remaining coring costs in their entirety.

AND, further, said Party of the Second Part does hereby agree to operate and/or supervise the operation of these equipments in this coring program as proposed, with a just compensation commensurate to his skills and abilities in the event such compensation is approved by the grantee of the remaining portion of the core-drilling loan. He further agrees to serve as technical adviser and consultant on any and all subsequent coring and exploratory work in connection with any later developments and expansions of this mineral property, assumming the responsibilities for organizing and setting up such explorations, s

such actions and advices to be offered in the capacity of recommendations from a profit-sharing engineer and geologist.

In the event Party of the Second Part is able to develop this coring program effectively and efficiently enough to satisify the demands of whatever sources of operational and developmental capital that may later be arranged as regards the quality and quantity of ore reserves, Parties of the First Part do hereby extend and grant to said Party of the Second Part a five percent (5%) undivided interest as a separate consideration over and above that heretofore set out, such consideration to be regarded as a bonus.

It is further agreed and understood by all Parties that failure to obtain a loan for any reason whatsoever from the Defense Minerals Exploration Agency or other source for the remaining costs of coring shall nullify and void completely and in every respect every and all parts of this agreement in its entirety.

Fullfillment and performace on this agreement is further understood by all participants to be contingent upon written approval of this action by the Administrator of the Defense Minerals Exploration Agency, in accordance with the requirements of this Agency's directives, and in the event the loan for the remaining portion of the coring costs be obtained through that Agency.

All participants do hereby agree that any and all mineral claims on nearby or adjoining lands, as filed by him or his agents or assigns through any arrangements whatever shall come under the same terms of participation as are herein existant, and further, Party of the Second Part does agree to use whatever skills and abilities he may have as an engineer and geologist to expand the aforementioned claims to what ever extent seems justified and warranted.

Be it hereby fully understood and agreed by the Parties herein concerned that a fuller and more detailed contract may be entered into at or before actual coring begins, based on the fundamentals of this agreement.

This contract shall be binding upon and extend to the heirs, executors, administrators and assigns of the respective Parties.

(Signed)
Donald B. McGee-Party of First Part

(Signed)
Allen R. Kleinkauf-Party of First P.

(Signed)
W. T. Mack- Partt of Second Part

BOOK 319 PAGE 50

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the DONALD FIEND Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 1951. This discovery is made and the original notice is posted this 4th day of MAY, 1951.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the EAST erly side is 300 feet; that the width on the WEST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHWEST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at DISCOVERY MONUMENT AND EXTENDING 50 feet in a Southerly direction thence 300 feet to each side which is marked by a rock monument, the end lines running 145° mag - 325° mag. approx. thence 1600 feet along the lines in a direction of 55° mag - 235° mag. approx. Each of the corners being marked by a stone monument and the center of each line being marked by a similar stone monument.

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: joining on U.S. Highway #395 approx. 20½ miles from Adelanto Calif; the Discovery monument being 210 feet approx. from High Line tower #1448 which bears 255° mag approx. from monument. Claim being in township 9N, Range 6W, S.B.B.M.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: B. P. McGee

LOCATORS: Donald B. McGee
(DONALD B. McGEE)

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery Monument - Stone 30" high

End Line & Side	Stone monuments - Stones 30" high
Center of End Lines	Stone monument - Stones 30" high

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee
(DONALD B. McGEE)

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Junk Shaft 12 feet long - 4 feet wide 10 feet deep. Many surface prospect holes.

Locators: Donald B. McGee
(DONALD B. McGEE)

239 INDEXED

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 1:36 P.M.

BOOK 319 PAGE 50
MINING RECORDS
San Bernardino County, Calif.
ED R. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATIC COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the DOROTHY FIEND Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 19 51. This discovery is made and the original notice is posted this 4th day of MAY, 19 51.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the WEST erly side is 300 feet; that the width on the EAST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at DISCOVERY MONUMENT AND EXTENDING 50 feet IN A SOUTHERLY DIRECTION THENCE 300 FT TO EACH SIDE WHICH IS MARKED BY A ROCK MONUMENT THE END LINES RUNNING 145° MAG - 325° MAG. APPROX. THENCE 1500 FEET ALONG THE SIDES IN A DIRECTION OF 055° MAG - 235° MAG. APPROX, EACH OF THE CORNERS BEING MARKED BY A STONE MONUMENT AND THE CENTER OF EACH END LINE BEING MARKED BY A STONE MONUMENT.

4. This claim can be identified by its proximity to the following natural object, or permanent monument, to-wit: FACING ON U.S. HIGHWAY #395, APPROX 200 MILES FROM ADELANTO, CALIF, THE DISCOVERY MONUMENT BEING 150 FEET APPROX FROM ELECTRIC LINE TOWER #1447 WHICH BEARS 300° MAG. APPROX. THE CLAIM BEING IN TWSH. 9N, RANGE 6W, S.B.M.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: L. P. McGee

LOCATORS: Donald B. McGee

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: DISCOVERY MONUMENT: STONES, 36 in high

ENDS AND SIDES	STONES - 36" High
CENTER OF ENDLINE	STONES - 36" HIGH.

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee

240 INDEXED

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows:

SUNK SHAFT 20 FT. LONG 4 FT WIDE AND 10 FT DEEP 40 feet from discovery monument. Dug 4 prospect Holes of various Depths

Locators: Donald B. McGee

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 2:26 P.M.

1.00 BOOK 319 PAGE 51

MINING RECORDS San Bernardino County, Calif. TED R. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATED COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:

1. The name of this claim is the Josefiend Lode Mining Claim. Said claim is situated in the San Bernardino Mining District, County of San Bernardino, State of California. Located this 4th day of May, 19 51. This discovery is made and the original notice is posted this 4th day of May, 19 51.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is North erly 1450 feet; South erly 50 feet; that the total length does not exceed 1500 feet. That the width on the East erly side is 300 feet; that the width on the West erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a Northeast erly and Southwest erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at Discovery monument and extending Southerly 50 feet to center of end line monument thence 300 feet on either side of this monument to a corner monument thence 1500 feet in a Northeasterly direction to a corner monument thence 300 from each of the north corner monuments to a center line monument

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: Lying on U.S. highway #395, approx 20½ miles from Adelanto Calif. the Discovery monument being approx 800 feet from high line tower #446 which (round) 270 mag approx the claim being in township 9N, Range 6W, SBM

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES D. B. McGee

LOCATORS Donald B. McGee (DONALD B. McGEE)

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery monument stone 30" high, Center & End lines — Stone - 30" high; Sides — Stone - 30" high

(Please Sign and also Print or Type Signatures)

Locators Donald B. McGee (DONALD B. McGEE)

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Sunk discovery shaft 12 feet long 4 feet wide, 10 feet deep and also dug several prospect holes.

Locators Donald B. McGee (DONALD B. McGEE)

211 INDEXED

RECORDED AT REQUEST OF LOCATOR - OWNER

1.00

MAY 31 1951 M 1:26 P.M.

BOOK 319 PAGE 52 MINING RECORDS San Bernardino County, Calif. FRED R. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATED COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:

1. The name of this claim is the Minnie Lee Lode Mining Claim. Said claim is situated in the San Bernardino Mining District, County of San Bernardino, State of California. Located this 26 day of May, 1951. This discovery is made and the original notice is posted this 26 day of May, 1951.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is North erly 50 feet; South erly 1450 feet; that the total length does not exceed 1500 feet. That the width on the East erly side is 300 feet; that the width on the West erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a Northeast erly and Southwest erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at Discovery monument and extending 50 feet in a direction of 055° mag; thence from that point 300 feet to either side in a direction of 145° mag — 325° mag; thence for 1500 feet in a direction of 235° mag on either side; thence in a direction of 055° mag for 300 feet from each side line to form the southern end.

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: Going on U.S. highway 395° approx 20½ miles from Adelanto, Calif; the discovery monument being 700 feet from Electric hi Line tower # 1447 which bears 055 mag approx. The Claim being in township 9N, Range 6W.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: D. R. McGee

LOCATORS: Donald B. McGee [DONALD B. McGEE]

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery monument - Stones 36" high

Ends, Corners & Center of Ends | Stones - 36 inches high.

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee [DONALD B. McGEE]

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Surface discovery shaft 14 feet long, 7 feet wide, 10 feet deep. Many several prospect holes.

Locators: Donald B. McGee [DONALD B. McGEE]

INDEXED

243

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 1:51 PM

BOOK 319 PAGE 54

MINING RECORDS
San Bernardino County, Calif
TED R. CARPENTER, Recorder
Hazel Gabler Deputy

PHOTOSTATED
COMPARED

This BLANK furnished FREE by San Bernardino County.
Return to Ted R. Carpenter, County Recorder, San Bernardino, California.

NOTE—1949 Legislature amended law regulating Recording Fees.

When computing fees figure $1.00 for the endorsement fee plus 10 cents for each claim, 10 cents for each locator, and 30 cents for a normal description.

PROOF OF LABOR

STATE OF CALIFORNIA,
COUNTY OF SAN BERNARDINO, } ss.

BEFORE ME, The subscriber, personally appeared DOROTHY MC GEE who, being duly sworn, says that at least four hundred (400.00) Dollars worth of labor and improvements were performed or made upon (I) Lode claim "Donald Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 210 feet from Highline Tower #1448 which bears 255° magnetic approx. claim indexed 239, book 319, page 50, Mining Records, San Bernardino, Co., Calif.

(2) Lode claim "Dorothy Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 150 feet from Highline Tower #1447 which bears 300° mag. approx. claim indexed 240, Book 319, Page 51, Mining Records, San Bernadino, Co., Calif.

*** (3)

(4)Lode claim "Minnie Lee", facing on U. S. Highway #395, approx. 20½ miles from Adalanto, Calif. The discovery monument being 200 feet from Highline Tower #1447 which bears 055° magnetic approx. claim indexed 243, book 319, page 54, Mining Records, San Bernadino, Co., Calif.

***(3) Lode Claim "Jose Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 300 feet from Highline Tower #1446 which bears 270° magnetic approx. claim indexed 241, Book 319, Page 52, Mining Records, San Bernadino, Co., Calif.

situated in San Bernadino Mining District, San Bernardino County, State of California, during the period from July Ist, 1951 to July Ist, 1952. Such expenditure was made by or at the expense of Donald B. McGee owner of said claim, for the purpose of holding said claim

Dorothy Mc Gee
Signature.

Subscribed and sworn to before me this 13th day of June, A. D., 1952

George T. Ahern
NOTARY PUBLIC Notary Public.
In and for the City and County of San Francisco, State of California
MY COMMISSION EXPIRES OCTOBER 1, 1952

180
4

dmeu 2855

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

January 13, 1953

James Boyd
Administrator
Defense Minerals Administration
Department of the Interior
Washington 25, D. C.

Dear Sir:

In accordance with the requirements of Defense Minerals Order MO-5, Section 10, and as a means to presenting the complete detailing on a proposed transaction, we are enclosing our request for your written approval of this transaction with our completed loan application forms.

We propose to offer an interest in the ultimate profits from development of certain uranium claims, if any profits are developed, in exchange for certain core sampling and drilling equipment. The equipment in question is a "Failing '44'" Drilling Rig, with a 52-ft. collapsible boom, mounted on a 5-ton truck. In addition, all the valves, fittings, pumps and accessories required in normal operation are included, along with 1500 feet of drill stem pipe. This equipment, with its hydraulic pull-down mechanism, is capable of drilling a 1500 foot hole through the hard rock which we expect to encounter.

The estimated replacement value of this equipment is $20,000.00, which we propose to offer as our share of the core drilling costs.

In addition to use of the equipment, we are fortunate in obtaining the services of Mr. Mack in connection with its operation. Mr. Mack is a graduate petroleum engineer and geologist, with considerable experience in drilling. He has been self-employed for the past fourteen years in oil well drilling, and is offering some of his personal equipment like his specially equipped house-trailer at rental prices much lower than those on the open market.

In all sincerety we ask your careful consideration of this proposal, and in event the proposed transfer meets with your approval, we would appreciate your passing that approval on through the necessary channels requisite to the continued processing of our loan application.

Yours very truly,

Allen R. Kleinkauf

Allen R. Kleinkauf

MF-103
(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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Not To Be Filled in by Applicant

Docket No. DMA 2855
Metal or Mineral
Date Received 1-19-53
Amount $
Participation (Government %)

Allen R. Kleinkauf,&
Donald B. McGee
2510 Wentworth
Houston, Texas

Name and address of applicant

Date January 13, 1953

If you have already filed MF-100, give date filed _____, type of assistance requested Loan,

DMA Docket Number (if 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 in questions 3, 4, 5, 6, 7, 8, and 9 below should be answered specifically and in detail. 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.

By Allen R Klemkemp

(Name of company) (Signature of authorized official)

(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

FORM MF-103

Al[illegible]n R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

APPLICATION FOR AID FOR AN EXPLORATION PROJECT; AS PER MO-5

1. (a). This property consists of four lode claims, each 600 feet wide and 1500 feet long. There is no existing mine or operation on this property.

(b). Copies of Location certificates, Proof of Labor, and all agreements regarding participation in potential profits from these claims, with proposed encumbrances and liens are enclosed with this application.

(c). The four claims to be explored and examined are in Sections 16 and 17, Township 9 North, Range 6 West, San Bernardino Meridian, San Bernardino County, California. Detailed location of each claim is set out on the "Notice of Location" sheets, photostatic copies of which are enclosed.

2. (a). Metals which we expect to find, either in quantity or in trace, include uranium, vanadium, silver, gold, potassium, iron, sodium, calcium, magnesium, aluminum, strontium, lead, and silicon. This is based on the results of a report made on one sample by spectrographic, semi-quantitative analysis. Of these metals, only the uranium and vanadium are expected to run in commercial amount, with perhaps some ocaasional quantities of gold and silver.

Minerals in this deposit are beliaved to be carnotite, uniferous opalite, and possibly uranite.

(b). The greater part of this Mohave Desert area is covered by alluvium, so extensive areas of the geologically significant formations are concealed. What little is known of the geologic conditions in this area indicates it is underlain largely by metamorphic and igneous rock. These occasionally appear as outcroppings, but for the most part they areo separated by large intervening areas covered with continental sediments. This specific deposit of uranium bearing ores, mostly appearing on the surface as carnotite, is beleived to be of secondary, epigenetic, sedimentary, open-space classification.

While geological information on this area is regarded in the literature as incomplete and fragmentary, the volcanics in the immediate vicinity are generally beleived to be of Upper and Middle Miocene origin. There is some suggestion of Jurassic acid intrusives, which may be the source of the pegmatitic dikes that are so prominent in these specific claims.

The carnotitic ores displayed in the outcroppings are recognized as secondary depositions of radioactive mineralizations

FORM MF-103

Al[illegible]n R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

2. (b) (con'd).

in limestones and other sedimentary rocks. However, when all the surface and exposed indications are carefully considered, it seems entirely possible that the radioactive elements deposited here (both in the highly fractured, greatly metamorphized calcite, and in the thickly scattered surface deposits of uraniferous opalite) have been derived by hydrothermal actions upon more or less deeply lying deposits of primary uranium minerals.

The basic objectives of the drilling and exploration program are thus, firstly to block out the economic boundaries of this carnotitic ore, and secondly, to explore and trace out the origins or sources of the original radioactivity, if at all possible.

Attempts to gain further and more detailed information about subsurface compositions have been rather unsuccessful in view of the paucity of such data. However, in searching thru the records of dry oil wells drilled in this region, one instance was noted where a well 8½ miles from these claims was abandoned at 700 feet in "non-marine" formations. Another well, 9½ miles distant, was abandoned at 2942 feet in igneous rock. A third, in Kern County and 21 miles away, was abandoned at 1340 feet in granite.

In view of the presence of porphyritic and quartz outcroppings in the area, it was decided that rather heavy drilling equipment would be required to efficiently explore this deposit. The machine proposed is capable of drilling a 4½" hole to a depth of 1500 feet thru hard rock.

Application has been with the Atomic Energy Commission in Grand Junction, Colorado for an engineering and field examination of this deposit. At this time no reply has been received, but any information on proposed action from this Commission will be promptly forwarded.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
RARE AND PRECIOUS METALS EXPERIMENT STATION
METALLURGICAL DIVISION
Hydrometallurgical and Ore-Dressing Branch
Box D, University Station
RENO, NEVADA

Region III

May 18, 1951

Mr. D. B. McGee
277 Bennett Avenue
Long Beach 3, California

My dear Mr. McGee:

Reference is made to your letter of May 15, 1951 transmitting a sample of radioactive material from San Bernardino County, California for examination.

The sample is principally calcite with some included pieces of an altered volcanic rock stained with limonite and hematite. The yellow radioactive mineral in your sample is carnotite. The radioactivity of the sample is equivalent to 0.03 percent uranium by Geiger counter assay.

Sincerely yours,

J. B. Zadra
Supervising Engineer

UNITED STATES
ATOMIC ENERGY COMMISSION
GRAND JUNCTION, COLORADO

ADDRESS REPLY TO:

MANAGER,
COLORADO RAW MATERIALS OPERATIONS
U. S. ATOMIC ENERGY COMMISSION
P. O. BOX 270
GRAND JUNCTION, COLORADO

July 29, 1952

AND REFER TO MI:JNW

Mr. D. B. McGee
101 Avenue of Oaks
Huston, Texas

Dear Mr. McGee:

We have received the following report on the sample which you recently brought in from Section 16, T. 9 N., R. 6 W., San Bernardino County, California:

Sample No.	U_3O_8	V_2O_5	$CaCO_3$
CR-959	0.07%	0.04%	40.2%

The uranium mineral appears to be carnotite.

If we can be of future service, please let us know.

Very truly yours,

Charles A. Rasor

Charles A. Rasor
Geologist

ALLISON J. GUNN

ASSAYER

543 EAST ANAHEIM STREET
NEAR ATLANTIC
TELEPHONE 627-91

LONG BEACH, CALIF.

DATE. May 8 19 51

CERTIFICATE OF ASSAY

SAMPLES ASSAYED FOR Mr. D.B.McGee.

GAVE THE FOLLOWING RESULTS PER TON OF 2000 POUNDS.

NO.	MARKED	GOLD OZ. HDTS	GOLD VALUE AT $ 35 PER OZ.	SILVER OZ. HDTS	SILVER VALUE AT 90½¢ PER OZ.	NO.	METAL	PERCENT	POUNDS PER TON
1	----------	.005	.17½¢	.44	.40½¢				
2	----------	.01	.35¢	.16	.14½¢				

Don't walk over your Fortune to save a few cents!

CHARGES $ Paid.

THANK YOU

ALLISON J. GUNN, ASSAYER

BY

FORM MF- 103

Allen . Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3. (a). Proposed work and costs:

Initially it is planned that a complete survey will be made of the area, setting out grid stations, taking elevations, and developing a plane table picture of the area. Then a careful grid pattern of the Gamma Ray Intensities at each of the positions will be taken using a portable scintillometer of a type like the Model 111 Portable Scintillation Counter developed and manufactured by "Engineers Syndicate, Ltd.," of Hollywood, Calif. Use of a scintillometer over and in preference to using a Geiger Counter is based on the need for gamma radiation counting without interference and confusion from beta ray sources. This instrument makes this possible, while its electronic Counter gives an accurate result with minimum delay over wide ranges of radioactivity.

Once a complete pattern of gamma ray intensities has been drawn out, it will possible to trace out the areas of maximum ore-values as indicated on the surface. A core drilling program will then be undertaken, initially obtaining one carefully drawn core which can be split into halves. One half will be sent to a recognized laboratory for analysis, while the other half will be used for developing controls to be used in setting up the scintillation counters. Since the rate of response of different ores and minerals is different within each ore as a category, it will be necessary to establish by means of chemical analysis of the ore just how much U_3O_8 is present. Once this scale has been developed, the counted scintillations or radiations can be used as a close approximation to ore values. Then it will be possible to measure the radiation in the ore body directly by use of long Probe Drill Hole Scintillation Counters, without need for further recourse to the laboratory, except for check.

While controls are being established and the first core being studied for geologic clues to ore veining, the drilling program can be proceeding at a much more rapid rate. By using equipment similar to that used in drilling seismographic shot holes, it will be possible to cut a maximum footage per day without having to take more than an occasional core. When a hole has been drilled to sufficient depth, a Long Probe Drill Hole Scintillation Counter can be dropped down the hole and a gamma ray curve plotted immediately of the amounts of radiation being emitted from the formation, in situ. In event indications are obtained of the radioactivity still continuing at the bottom of the hole, it will be a simple matter to continue drilling to a maximum depth of 1500 feet with this equipment we are prepared to furnish.

As the drilling program outlines the ore bodies, plot maps will be drawn with contoured grid patterning of relative amounts of radiation at successive depths. By the time drilling is completed, it should be possible to block out the most valuable areas in the deposit and be well into the planning stage of the mine development.

FORM MF-103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3. (a). (con'td).

Since these pegmatites are recognized as being of very hard rock, plans have been drawn for exploration that include the use of a portable, gasoline driven drilling machine, having a hydraulic-pull-down mechanism that makes it possible to put the entire weight of the machine and its mounting base, in this case a 5-Ton truck, on the drill stem and bit. By addition of this much weight it is beleived that no difficulty will be experienced in cutting these holes.

In addition to the power and weight available, this machine is capable of cutting a hole of 4 or 5 inches in diameter. Since the outside diameters on the most accurate and reliable gamma radiation logging probes are 3-5/8", it was decided that holes from 4½ to 5" in diameter would prove most satisfactory. While hard rock diamond drilling is being done underground in many places using diamond bits that cut 1½" core, such a unit can be blocked into place and the bit forced into the rock. From the surface such a technique is not as easily carried out since the only drive on the bit in a downward direction must come from sheer weight of the equipment alone.

By using this equipment we also feel that we can drill holes faster and cheaper after the first core is taken by simply drilling holes without continuous coring. Gamma ray logs of the formation can then be run and will provide more accurate information than continuous coring would give.

(b). Therefore, we plan to drill a total of twenty holes to a depth of 400 feet and plot the gamma radiation from these as the program progresses. In event continued radiation is encountered at the bottom of these holes, they will be drilled on down with the same equipment to a maximum depth of 1500 feet. We estimate the first stage of this can be completed in three to four months and the complete program in ten months, should the primary source of radiation be detected and its exploitation appear warranted.

Work can be started within 45 days after approval and granting of the loan.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

3/ (a). (Cont'd) Total Costs..... $123,281.00

(b). Time required to start project:
45 days after approval of loan.

Time required for completion of project.
Under the most favorable drilling conditions, and meeting the "DOE-3 priority, and delivery date of 120 days, with 50% deposit on order" requirement of the instrumentation manufacturer, we will require five months to drill 20 holes to 1500 feet, and make a comprehensive log of the radioactivity.

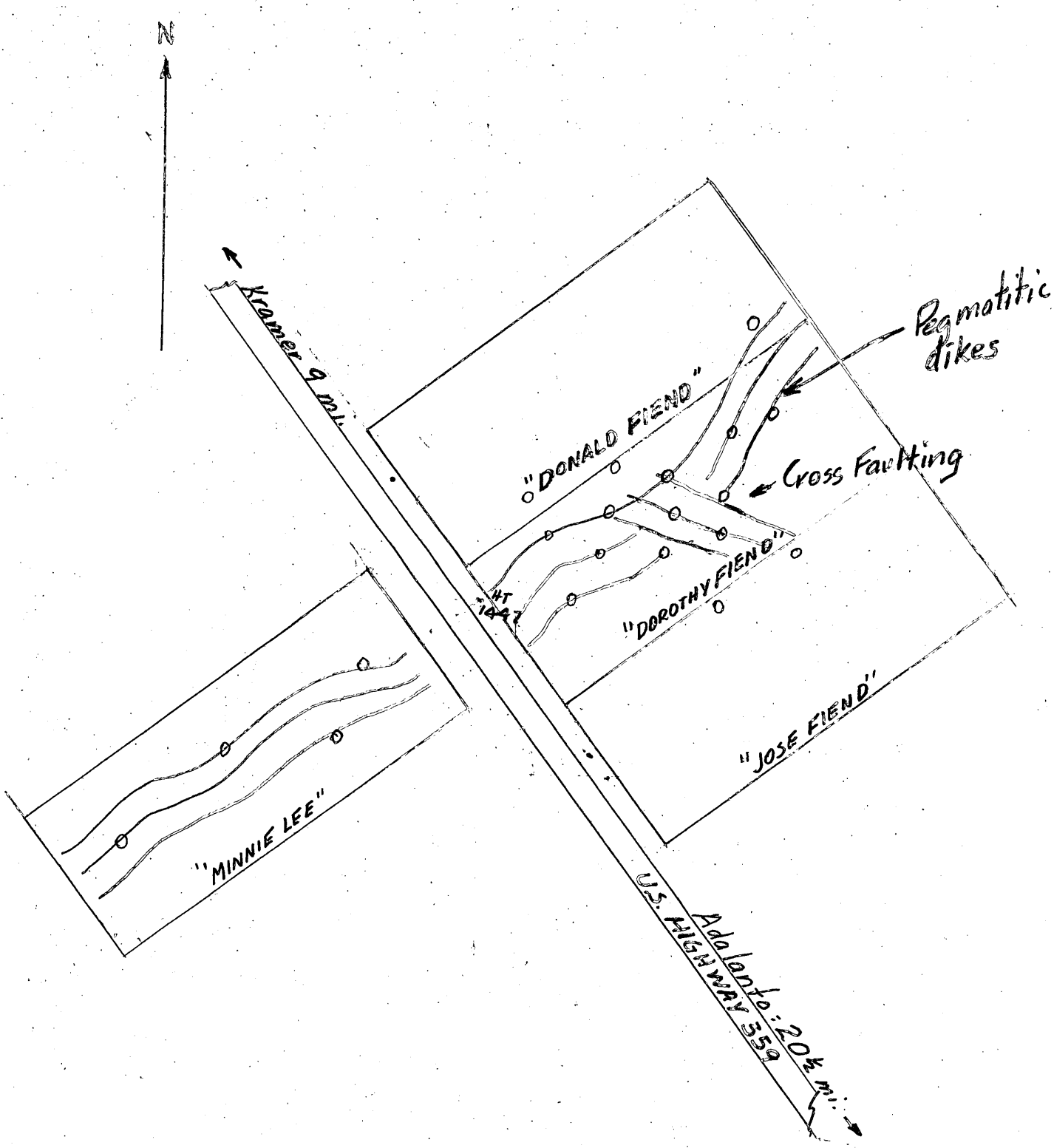
Since we expect to run into very hard formations, where drilling will be most difficult, we have set our completion date for ten months, maximum, after commencement of drilling.

Costs of drilling will vary with the formation and the time required will be reduced as softer formations are encountered. However, certain portions of the costs are fixed and must be met without regard to duration of drilling program. In view of this, it is estimated that the minimum cost of this project, with most favorable conditions and formations, will approximate $84,000.00.

FORM MF-103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

4.(a)



0 1 2 3 4 5 6 7 8 9 10

Scale: 1" = 500'

o: Proposed Exploration Holes

FORM MF- 103

Allen [illegible]. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

5. There are no buildings or facilities of any kind on this property at present. The only installation of any sort was a specially constructed cache for dynamite and it will require no improvement.

FORM MF - 103

All[illegible] R. Kleinkauf
Donald B. McGee
Houston, Texas

6. The only building required for the exploration program will be a small warehouse for tool and equipment storage. Buildings of this type are sold knocked down and pre-cut. They can be assembled and erected by three men in six hours.

   1- Building, 12x24x8 . $750.00

   In addition a 35-ft Spartan House trailer, with its own light plant and air-conditioning, providing sleeping quarters for six, will be rented. This is discussed further under operating equipments (Question 7).

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

7. Operating Equipment.

(a). Rented. One 35-ft. Spartan House Trailer, with air-conditioning plant, its own light plant (gasoline powered), and to be equipped for field lab work.

Rental on this unit has been set at $150/ month by Mr. Mack, who presently owns it. Comparable equipment on the open rental market rents for four times this amount. It is offered here at this price as a means of keeping costs down and in order to make use of it. The trailer is about a year old, in first-class condition.

(b). Purchased. It will be necessary to purchase a 5000 gal. water truck. A tractor-trailer semi. is indicated for this work, and the estimated price for this equipment is $3300.00.

It will also be necessary to purchase drilling bits and diamond-faced bits. Hard-rock steel bits cost $108. each and it is estimated 10 will be required. Diamond bits costs $2200 each and two are the estimated requirements.

Instruments for determination of amounts of radiation will be heeded. The preliminary grid plot can be best done by using a portable Scintillation counter like the Model 111 put out by Engineers Syndicate Ltd., of Hollywood. This unit is priced at $495. For deep hole probe counting to be used in the evaluation of drill holes, the Model LP-9 Long Probe Drill Hole Scintillation Counter with syncronized Recorder and additional cable, at a total cost of $3661, will be used.

A field lab will be set up in the trailer, using an Ultraviolet lamp, sodium flouride, bunsen burner and platinum wire loops. This can be done for $50.

(c). Furnished equipment. We are prepared to furnish a Failing 44 Drilling Rig, with auxiliary pump, 1500 feet of drill stem, and valves, fittings, accessories, etc., as needed. This does not include expendable items normally consumed in the course of operation. Subject to the written approval of the Administrator of Defense Minerals Agency, this equipment is being put up as our part of the cost of the project. As a capital asset it is calculated to be worth $20,000, replacement value at present prices, and is being charged against Total Project Costs at the rate of $66/day. However, in event the project terminates at an early date, earlier than the ten months contemplated, this amount is to be interpreted as being fixed at $19,800, or our ten percent of Total Costs, which ever is least.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

8.

Labor required:

1- Driller : $1.75/hour and time and one-half for overtime, on a 12 hour/day basis, 26 days per month. or $637/ month; for 10 mos.: $ 6370.

3- Laborers, (Truck-driver, pump man, and drilling helper) ($1.25/ hr; 12 hrs./day; 26 days/mo; 1½ x for overtime).. $455. per mo. each or all three for $1365 per month. 10 mos. 13650.

Supervision:

W. T. Mack: Engineer in residence, geologist and Core Drilling Supervisor and Consultant..... $100/day; 26days/mo. 10 month basis..... 26000.

D. B. McGee: Uranium technical specialist and accountant... $750/mo. 10 month basis..... 7500.

A. R. Kleinkauf: Project supervisor and administrator $750/ month... 10 month basis..... 7500.

FORM MF 103

Allen R. Kleinhauf
Donald B. McGee
2510 Wentworth
Houston, Texas

9. Estimated costs of materials, etc.
Fixed expenses that must be incurred whether the program lasts either five or ten months:

Transportation of equipment to site and return (3 trucks, house trailer & accessories: 3 units at $.40/mile: 3000 miles)	3600.
Instruments and Lab. Equip. (Portable and deep hole scintillometers, field lab. equip)	3661.
Survey (360 grid station & contour map) (Survey party at $100/day for 15 days)	1500.
Warehouse Building (20x24x8)	750.
Water truck (Semi with tank trailer)	3300.
* Drilling Rig with drill stem and accessories. (Failing 44 with 52 ft portable or collapsible boom, pumps, valves, accessories &1500 ft of drill stem.)	19800.

Operating Expenses: These costs can vary widely, depending on drilling conditions and circumstances.

Diamond Drill Bits (2 @ $2200 ea.)	4400.
Steel Hard Rock Bits (10 @ $108. ea.)	1080.
Drilling Mud (20 sacks / hole; 20 holes, $2 per sack.)	800.
Fuel, maintenance, oil, and upkeep costs on 3 trucks.. $50/day; 30 days/mo. (Since rental rates on a bulldozer required for 2 or 3 days work at the start of the project are not available for that area, these costs are assumed to not exceed $3000 and are included with this item.)	15000.
Transportation and other personal expenses incurred by supervisory personnel in connection with the project.. not to exceed $150/mo.	1500.
Laboratory analysis of cores by outside labs.	1500.
4½% added for misc., inflated prices above present quotations, and unforeseen difficulties.	5370.

* Drilling Rig represents Operator's share of loan and is to be furnished as Operator's equipment.

FORM MF 103

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

10. (a). We are prepared to invest the capital assets represented by the Drilling Rig and its accessories. This is listed as worth $19,800.00 in the cost estimation sheet.

(b). The amount offered for loans to be used in exploration of uranium ores is listed in Section 9 of MO-5 as 90% of total costs. The remaining 10%, which amounts to $12,328 in this case, is to be met by our assets in equipment.

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. dmm 2855

Date received 1-19-53

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1953

Name and address of applicant

Date Jan 13, 1953

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		Life Insurance Carried for Benefit of Applicant	
				Common (e)	Preferred (f)	Amount (g)	Net Cash Surrender Value After Loans (h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

By Allen R Kleinkauf

(Name of company) (Signature of authorized official)

(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—63792-1

FORM- MF- 100

Allen R. Kleinkauf &
Donald B. McGee
2510 Wentworth
Houston, Texas

GENERAL TECHNICAL DATA SHEET

1. Materials produced:
This question is not applicable; an exploration loan is being sought.

2. Names and types of workings:
Four lode claims on which development and assessment work has been done to the extent of six holes or pits ten feet in maximum depth.

3. (a). The distance and direction to the nearest town:
These claims are nine miles south of Shipp Junction, Calif. and 20½ miles north of Adalanto, California. There is a shipping point at Kramer Siding, on the Santa Fe Line, which is at Shipp Junction.

(b). These claims are a new area, although there are signs of older workings for gold in diggings approximately half mile away. The names of these claims andd the name of this older district is not known by the writer. However, the Randsburg mining district is approximately 25 miles north of these claims and is beleived to be a possible expension of the same geologic formations.

(c). These claims are in Township 9 North, Range 6 West, Sections 16 and 17, San Bernardino Meridian.

(d). The claims are in San Bernardino County, California.

4. This property is not now in operation, but the exploration program will be actively supervised by the owners, McGee and Kleinkauf.

5. These claims have never been in production, and will not be put into operation until they are comprehensively cored and ore reserves are proven. It is estimated the exploration program will require ten months to complete once drilling is started.

6. Experience of operators:

(a). Applicants: Allen R. Kleinkauf ; 2 yrs. Mining Eng. @ Univ. of Arizona, B.S. degree from Univ. of Mich., 2½ yrs of Grad. School @ Univ. of Texas. 1 year underground experience as a miner at the Junction Shaft, Copper Queen District, Phelps Dodge Corporation in Bisbee, Ariz. 1 year as Ass't to Pres. of Mammoth Sulphur Company, Houston, Texas. (Job consisted of making field trips to evaluate mineral offerings. This specific coring proposition was <u>not</u> taken to the company for financing because we wish to retain control and title to it.)

FORM MF-100

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

6. (a) (Cont'd)
Applicants (and Owners)
Donald B. McGee ; General business experience: Ship Master (Oil Tankers) for ten years; Construction Business-- 6 mos.; 6 years of uranium prospecting all over the world, and two years of practical uranium prospecting at this specific site.

(b) Managers on the project:
W. T. Mack ; 14 years of self-employment as a petroleum engineer and geologist, also as an independent oil operator and driller. Mr. Mack will be incharge of the drilling and exploration program, on equipment he has owned for a number of years and with which he is thoroughly familiar. He has a small participating share in the profits of any subsequent successful development.

7. History:
(a) There has been no previous developmental or operative work on this property with the exception of location and assessment work.

(b) No information regarding the history of the gold workings in the vicinity is available to us at this time. They appear to have been abandoned for some time.

(c) Of the samples analysed to date, the one taken from the surface was found to contain .03% U_3O_8. Another sample was taken from a prospect hole approximately seven feet from the first and four feet below the surface. Analysis of this sample showed .07% U_3O_8, for an increased enrichening of over 100% in four feet. Further digging was not done at this time since the analysis reports were obtained after leaving the field. Digging into the pegmatitic dikes with pick and shovel is very unsatisfactory in view of the hardness of these formations. However, the indications of radioactivity and secondary deposition of radioactive materials in the form of carnotitic types of limestone enrichening on the overburden was taken as ample justification for a full scale exploratory and core-drilling program.

8. The applicant is not a Corporation, but a limited partnership in that Allen R. Kleinkauf and Donald B. McGee have agreed to divide all the net profits remaining after all other claimants have been satisfied. To date the only other participant in any benefits is W. T. Mack, who has been offered a 15% interest in the net profits for his core drilling equipment.

9. This question is not applicable.

10. This question is not applicable.

11. This question is not applicable.

Allen R. Kleinkauf
Donald B. McGee
2510 Wentworth
Houston, Texas

FORM MF-100

12. Ore and Mineral Reserves:
(a). The deposit is made up of three pegmatitic dikes which appear to run in a northeasternly direction at a very sharp angle of dip. These dikes were exposed in the cut made for U. S. Highway 359 which passes thru the claims. Filing was made on the basis of these exposed ends, after confirmatory prospect and discovery work had been done.

(b). This section is not applicable at this time since no measure has been made of reserves. That is the purpose of the loan presently being requested.

(c). Same as (b) above.

13. Access Roads:
A paved U. S. Highway (#359) runs through the property. There are living facilities in Kramer and shipping points at Shipp Junction, respectively nine and one-half and ten miles away.

14. Water supplies:
There is a water table at 300 feet in Kramer. No evidence exists as to the depth or extent of this formation on the claims. However, water can be obtained for core-drilling at either Kramer (9½ miles) or Adalanto (20 miles). In event the rate of consumption is too great for either of these sources, the Mohave River is only 23 m iles from the claims.

15. No power will be required from commercial sources for the coring program. However, the Highline from Boulder Dam runs through the property alongside the highway, so ample power will be available for mining operations when required.

16. This question does not apply at present.

17. There is no equipment on the property at present. However, subject to approval of the transaction by the DMEA Administrator, we will have a "Failing 44" core-drilling machine, mounted on a 5-Ton International Truck, with pumps, valves, fittings, and accessories as required, along with 1500 feet of drill stem pipe. This is heavy enough equipment to drill thru any formation we might meet to a depth of 1500 feet. While such depths may not prove necessary, we are planning to trace the ore to its geologic base, if at all possible.

18. This property is in the Mohave Desert and therefore operations are expected to be initially difficult at certain times of the year. Therefore, every attempt is being made to develop the major portion of the exploratory work before the summer heat becomes too oppressive.

COPY COPY

STATE OF TEXAS :

COUNTY OF HARRIS : KNOW by these presents, THAT

Donald B. McGee, hereafter known as Party of the First Part, and Allen R. Kleinkauf, hereafter known as Party of the Second Part, do hereby agree to join together their cooperative efforts and endeavors for their mutual benefits in those matters which are expressly and solely limited to the promotion, development, and exploitation of certain uranium and other valuable minerals; and further, that Party of the First Part does release and assign a one-half (1/2) interest in all the profits and benefits accruing from the successful exploitation of these claims after all other claimants and shareholders have been paid; but, such payment of interest shall be made only in the event that the Party of the Second Part shall have been and is instrumental and able to effect whatever arrangements that prove necessary to effect a successful exploitation of these minerals.

Party of the First Part further agrees to carry the preliminary costs to the extent of his own personal expenses until such time as the core-drilling and examination program are financed, at which time a readjustment of this arrangement will be taken into consideration. Party of the First Part further warrants and agrees that Title to these properties is, to the best of his knowledge, as represented, and, further that any subsequent title disparities that are later proven to be existant at the time of this document shall be remedied solely at his expense, insofar as these mineral claims are involved.

Party of the Second Part agrees to assume the expense for any and all personal inspection either by himself or his representative that he deems necessary to satisfy himself that these claims warrant exploitation, and these inspections shall be in whatever detail he deems necessary.

Copies of all assay and engineering reports made in connection with these inspections, or any other, shall be furnished to Party of the First Part, or made accessible for his inspection.

Both Parties further agree that any additional or adjoining claims or grounds deemed desirable by later developments in the exploitation program will be located and staked in accordance with the terms of this agreement, to the equally shared benefit of both Parties.

Promotion and direction of the coring, exploration, examination, operation, and development shall be a joint endeavor of both parties. It is further agreed that neither Party shall make assignement of interest nor partition of shares in these deposits or claims without express agreement of the other Party. However, in the event that one Party is able to consummate an agreement of benefit toboth Parties, he shall be tentatively allowed to do so, so long as he follows the general policies of interest to both Parties. Subsequent ratification by the absent Party shall be the recommended policy wherever possible.

Be it hereby further understood and agreed by both parties that a fuller and more detailed agreement will be entered into at or before production begins, based on the fundamentals of this agreement.

This contract shall extend to and be binding upon the heirs, executors, administrators and assigns of the respective parties.

(SIGNED)
Donald B. McGee Party of First Part

(SIGNED)
Allen R. Kleinkauf- Party of Second Part

COPY COPY

The aforegoing agreement is hereby amended to the extent of setting out a date and delineating the legal descriptions of the properties in question.

The agreement was drawn up on the 15th day of November, 1952, and is to be regarded for all intents and purposes as effective and binding on that date.

The phrase "certain uranium and other valuable mineral", which appears in the first paragraph, is hereby expanded to give the following legal description of these properties, to wit:

> "Four lode claims, recorded on pages 50, 51, 52 and 54 of Book 319 of the Mining Records of San Bernardino County, California, described more fully as follows:
> 1) Lode claim "Donald Fiend", facing on U.S. Highway #359, approximately 20½ miles from Adalanto, Calif. The discovery monument being 210 feet from Highline Tower #1448, which bears 255° magnetic, approx., claim indexed 239, book 319, page 50, Mining Records, San Bernardino County, California.
> 2) Lode claim "Dorothy Fiend", facing U.S. #359, approx. 20½ miles from Adalanto Cal. Monument being approx. 150 ft. from Highline Tower #1447, which bears 300° approx., Claim indexed 240, Book 319, Page 51, Mining Records, San Bernardino, Co., Calif.
> 3) Lode Claim "Jose Fiend" facing U.S. #359, approx. 20½ miles from Adalanto, Cal. Monument approx 300 ft. from HT#1446, 270°mag., claim indexed 241, BK.319, Pg 52.
> 4) Lode claim "Minnie Lee", facing on U.S. Highway 359, approx 20½ miles from Adalanto, Calif. Monument being 200 feet from HT #1447 which bears 055° mag. approx. Claim indexed 243, Book 319, Page 54, Mining Records, San Bernardino County, California."

Signed this the 22 day of

December, 1952

(Signed) DONALD B. McGEE
Donald B. McGee

(Signed) ALLEN R. KLEINKAUF
Allen R. Kleinkauf

COPY COPY

AN AGREEMENT

This agreement, made and entered into, this the 3rd day of January, 1953, by and between Donald B. McGee and Allen R. Kleinkauf, hereaftere known as Parties of the First Part, and W. T. Mack, hereafter known as Party of the Second Part, all residents of the City of Houston, County of Harris, State of Texas, witnesseth as follows, to wit:

THAT said Parties of the First Part are in possession of and sole owners of certain claims of uranium and other valuable minerals located in the State of California, County of San Bernardino, more exactly described as follows:

> "Four lode claims, known as the "Donald Fiend," the "Dorothy Fiend", the"Jose Fiend", and the "Minnie Lee", all facing along U. S. Highway #359, approximately 20½ miles from Adalanto, California, and in close proximity to Highline Towers numbered 1446, 1447, and 1448, said claims being recorded on Pages 50, 51, 52 and 54 of Book 319 of the Mining Records of San Bernardino County, California."

AND, that said Parties of the first Part are desirous of having said claims examined, explored, and core-drilled, and do therefore extend and assign a one-tenth (1/10) undivided interest in all benefits, profits and remunerations of every kkind that result from the development of and exploitation of said claims and mineral rights, such assignment being thereby considered and acknowledged as sufficient consideration in and for certain items of drilling equipment which said Party of the Second Part does hereby represent to own in fee, and which are set out as follows, to wit:

> " One 'Failing' 44 drilling rig, mounted on a 5-ton International Truck, with miscellaneous accessories and fittings, as required in and for the operation of this drilling rig, including 1500' of 2-7/8" drill pipe, but exclusive of expendable items like special drill bits normally consumed in the process of drilling."

Said equipment is estimated to be worth approximately $20,000.00, replacement value at current prices, but be it hereby understood that said equipment be recognized as sufficient consideration only in the event that its assessed valuation in dollars as determined by an impartial assessment, be in excess of ten percent of the total costs of a complete and comprehensive exploration and core-drilling program, such costs to be determined in accordance with the regulations of the Defense Minerals Exploration Agency as pertain to exploratory projects of this nature.

It is further understood and hereby agreed that title to said drilling equipment shall return to Party of the Second Part at the conclusion of this drilling program, no matter what the outcome of this program may be; and also that such equipment shall remain in the possession and under the direct supervision of Party of the Second Part at all times, and that this agreement shall be the basis of a contract for the sale of such equipment only to the extent that such equipment shall be regarded as adequate and sufficient capital assets to effectuate the securing of a Governmental or other similar type of loan, said loan to make up the remaining coring costs in their entirety.

AND, further, said Party of the Second Part does hereby agree to operate and/or supervise the operation of these equipments in this coring program as proposed, with a just compensation commensurate to his skills and abilities in the event such compensation ia approved by the grantee of the remaining portion of the core-drilling loan. He further agrees to serve as technical adviser and consultant on any and all subsequent coring and exploratory work in connection with any later developments and expansions of this mineral property, assumming the responsibilities for organizing and setting up such explorations, s

such actions and advices to be offered in the capacity of recommendations from a profit-sharing engineer and geologist.

In the event Party of the Second Part is able to develop this coring program effectively and efficiently enough to satisify the demands of whatever sources of operational and devekopmental capital that may later be arranged as regards the quality and quantity of ore reserves, Parties of the First Part do hereby extend and grant to said Party of the Second Part a five percent (5%) undivided interest as a separate consideration over and above that heretofore set out, such consideration to be regarded as a bonus.

It is further agreed and understood by all Parties that failure to obtain a loan for any reason whatsoever from the Defense Minerals Exploration Agency or other source for the remaining costs of coring shall nullify and void completely and in every respect every and all parts of this agreement in its entirety.

Fullfillment and performace on this agreement is further understood by all participants to be contingent upon written approval of this action by the Administrator of the Defense Minerals Exploration Agency, in accordance with the requirements of this Agency's directives, and in the event the loan for the remaining portion of the coring costs be obtained through that Agency.

All participants do hereby agree that any and all mineral claims on nearby or adjoining lands, as filed by him or his agents or assigns through any arrangements whatever shall come under the same terms of participation as are herein existant, and further, Party of the Second Part does agree to use whatever skills and abilities he may have as an engineer and geologist to expand the aforementioned claims to what ever extent seems justified and warranted.

Be it hereby fully understood and agreed by the Parties herein concerned that a fuller and more detailed contract may be entered into at or before actual coring begins, based on the fundamentals of this agreement.

This contract shall be binding upon and extend to the heirs, executors, administrators and assigns of the respective Parties.

(Signed)
Donald B. McGee-Party of First Part

(Signed)
Allen R. Kleinkauf-Party of First P.

(Signed)
W. T. Mack- Partt of Second Part

DMEA-2855 Kleinkauf

Maps (Marked with docket No.) in roll in top drawer of right-hand file

DRAFT 3/9/53
FLKnouse/EWEllis/jem/gla

Mr. Allen R. Kleinkauf and
Mr. Donald B. McGee
2510 Wentworth
Houston, Texas

Re: Docket No. DMEA-2855 (Uranium)
Minnie Lee, Donald Fiend Group of Claims
San Bernardino County, California

Dear Sirs:

This acknowledges receipt of your letters dated March 3, ~~1953~~. and March 6, 1953.

As requested we are ~~forwarding Forms MF-203~~ enclosing eight "Owner's Consent to Lien" forms. The original and six copies ~~(eight forms are attached). We will require the original and six copies of the executed form~~ should be executed and returned.

We ~~note~~ shall endeavor to comply with your request that if a field examination is scheduled, ~~that~~ it be ~~done~~ made at the same time by the engineers of this Agency ~~and~~ so as to coincide with the examination to be made by the Atomic Energy Commission ~~and of this Agency~~. However, the justification for a field examination will be determined when we receive all the information requested in our letter to you of February 16, 1953. ~~is received.~~ We ~~understand~~ ~~that the Atomic Energy Commission has scheduled a preliminary examination within the next two months of various reported uranium occurrences near your property and, furthermore, that they have included your property in their itinerary. It is believed that a representative of the A.E.C. will contact you for a convenient time to visit your property. If a field examination is justified, we will try to schedule a joint examination as you requested.~~

In the last paragraph of your letter of March 3rd it is noted that you refer to Mineral Order 5 (MO-5) of Title 32-A--National Defense, Appendix. This has been ~~is now~~ superseded by DMEA Order-1, dated March 7, 1952, a copy of which

included among

is enclosed. In that order you will note that under Section 9(a) Allowable Costs there is "...operating equipment to be rented or purchased, or which is owned and will be furnished by the Operator;". As you can see, there is little difference in the wording, and certainly not in the meaning, in the more recent order. Therefore, the interpretation you make is not the same as understood or employed in writing DMEA contracts.

* The map you sent on respectfully reply to this letter does not show the geology, or location of sample data, and the work you propose to do.

If ~~a third party~~ an individual ~~of~~ a partner~~ship~~ ~~joins that~~ ~~partnership and~~ owns equipment separate from his partnership, and receives no remuneration in any form whatsoever from the partnership because of his equipment, the said equipment might be entered into a contract on a rental basis. However, the rental ~~basis~~ would be based entirely on the equivalent rental that similar type equipment could be obtained in the area. If so entered in the contract, the partnership would nevertheless have to contribute its full share of the cost including its share of rentals and all other costs, of the full amount of the contract. On the other hand, equipment supplied by the Operator would be treated on a depreciation basis, as outlined to you in our letter of February 16, 1953.

In our letter to you of February 16 we made no mention of the supervision costs you requested in the application of January 19, 1953. Should a contract result from your application it would not be possible to include the payment of such a large percentage of the total amount of the contract for supervision. In other words, on similar

jobs a core drilling supervisor would probably not be paid in excess of $600 to $800 a month. In addition, in certain cases, it might be possible to allow a few hundred dollars on the entire project for special consulting work.

If a field examination is requested by this office the various cost items making up the proposed contract, can be adjusted to our regulations by the Field Team at the time of making such examination.

Sincerely yours,

Ernest Wm. Ellis, Chief
Rare and Misc. Metals Division

Enclosure 1- DMEA Order 1
8 copies MF-203

Draft 3/11/53
FLKnouse/EWEllis/jem/gla

Mr. Allen R. Kleinkauf and
Mr. Donald B. McGee
2510 Wentworth
Houston, Texas

Re: Docket No. DMEA-2855 (Uranium)
Minnie Lee, Donald Fiend Group of Claims
San Bernardino County, California

Dear Sirs:

This acknowledges receipt of your letters dated March 3, and March 6, 1953.

As requested we are enclosing eight "Owner's Consent to Lien" forms. The original and five copies should be executed and returned.

We shall endeavor to comply with your request that if a field examination is scheduled, the time of the examination by engineers of this Agency shall coincide with that of the examination to be made by engineers of the Atomic Energy Commission. However, whether or not a field examination is justified will be determined when we receive all the information requested in our letter to you of February 16, 1953. The map you submitted in reply to this letter does not show as requested, the geology or location of sample data, and the work you propose to do.

In the last paragraph on the first page of your letter of March 3rd, you say: "It is noted that you refer to section 10 of Mineral Order 5 (MO-5) (A) National Defense, Appendix. This has been superseded by DMEA Order-1, dated March 7, 1952, a copy of which is enclosed. In that order you will note that under Section 9(a) there is included among the "Allowable Costs", "...operating equipment to be rented or purchased, or which is owned and will be furnished by the Operator;".

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the DONALD FIELD Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 1951. This discovery is made and the original notice is posted this 4th day of MAY, 1951.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the EAST erly side is 300 feet; that the width on the WEST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at DISCOVERY MONUMENT AND EXTENDING 50 feet in a Southerly direction thence 300 feet to each side which is marked by a rock monument, the end lines running 145° mag 325° mag approx. thence 1500 feet along the sides in a direction of 55° mag - 235° mag approx. Each of the corners being marked by a stone monument and the Center of each line being marked by a similar stone monument.

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: Foingon U.S. Highway #395 approx. 20½ miles from Adelanto Calif; the Discovery monument being 210 feet approx. from High Line tower #1448 which bears 255° mag approx. from monument. Claim being in township 9N, Range 6W, SBBM.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: B. R. McGee

LOCATORS: Donald B. McGee
(DONALD B. McGEE)

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery Monument - Stone 30" high

End Line & Sides	Stone monuments - Stones 30" high
Center of End Lines	Stone monument - Stones 30" high

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee
(DONALD B. McGEE)

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Junk shaft 12 feet long - 4 feet wide 10 feet deep. Very substantial prospect holes.

Locators: Donald B. McGee
(DONALD B. McGEE)

239 INDEXED

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 1:36 P.M.

BOOK 319 PAGE 50
MINING RECORDS
San Bernardino County, Calif.
TED R. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATIC COPY COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the DOROTHY FIEND Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 19 51. This discovery is made and the original notice is posted this 4th day of MAY, 19 51.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the WEST erly side is 300 feet; that the width on the EAST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at DISCOVERY MONUMENT AND EXTENDING 50 feet IN A SOUTHERLY DIRECTION THENCE 300 FT TO EACH SIDE WHICH IS MARKED BY A ROCK MONUMENT THE END LINES RUNNING 145° MAG - 325° MAG. APPROX. THENCE 1500 FEET ALONG THE SIDES IN A DIRECTION OF 055° MAG - 235° MAG. APPROX, EACH OF THE CORNERS BEING MARKED BY A STONE MONUMENT AND THE CENTER OF EACH END LINE BEING MARKED BY A STONE MONUMENT.

4. This claim can be identified by its proximity to the following natural object, or permanent monument, to-wit: FACING ON U.S. HIGHWAY #395, APPROX 20 MILES FROM ADELANTO, CALIF, THE DISCOVERY MONUMENT BEING 150 FEET APPROX FROM ELECTRIC HIGH-TOWER #1447 WHICH BEARS 300° MAG. APPROX. THE CLAIM BEING IN TWSH. 9N, RANGE 6W, S.B.M.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: L. P. McGee

LOCATORS: Donald B. McGee

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: DISCOVERY MONUMENT: STONES, 36 in High

ENDS AND SIDES	STONES - 36" High
CENTER OF END LINE	STONES - 36" HIGH.

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee

240 INDEXED

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows:

SUNK SHAFT 20 FT. LONG 4 FT WIDE AND 10 FT DEEP 40 feet from discovery monument. Dig 4 prospect Holes of various sizes

Locators: Donald B. McGee

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 1:00 P.M.

BOOK 319 PAGE 51

MINING RECORDS San Bernardino County, Calif

TED R. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATED COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:....

1. The name of this claim is the JOSE FIELD Lode Mining Claim. Said claim is situated in the SAN BERNARDINO Mining District, County of SAN BERNARDINO, State of California. Located this 4th day of MAY, 19 51. This discovery is made and the original notice is posted this 4th day of MAY, 19 51.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is NORTH erly 1450 feet; SOUTH erly 50 feet; that the total length does not exceed 1500 feet. That the width on the EAST erly side is 300 feet; that the width on the WEST erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a NORTHEAST erly and SOUTHWEST erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at Discovery monument and extending SOUTHERLY 50 feet to center of end line monument thence 300 feet on either side of this monument to a corner monument thence 1500 feet in a Northeasterly direction to a corner monument thence 300 feet from each of the north corner monuments to a center line monument

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: lying on U.S. highway #395, approx. 20½ ~~miles~~ miles from Barstow Calif. The Discovery monument being approx. 800 feet from highline to road #446 which leads off 70° mag approx. the claim being in township 9N, Range 6W, SBM

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

~~WITNESSES~~ LOCATORS

S. P. McGee — Donald B. McGee (DONALD B. McGEE)

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery monument stones 30" high

Center & End Lines	Stone - 30" high
Sides	Stone - 30" high

(Please Sign and also Print or Type Signatures)

Locators Donald B. McGee (DONALD B. McGEE)

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Sunk discovery shaft 12 feet long 4 feet wide, 10 feet deep and also dug several prospect holes.

Locators Donald B. McGee (DONALD B. McGEE)

241 INDEXED

RECORDED AT REQUEST OF LOCATOR - OWNER

100

MAY 31 1951 at 36 min. PM

BOOK 319 PAGE 52

MINING RECORDS
San Bernardino County, Calif.
TED R. CARPENTER, Recorder

Hazel Gabler Dep.

PHOTOSTATED
COMPARED

NOTICE OF LOCATION

LODE

PLEASE TYPE OR PRINT

TO WHOM IT MAY CONCERN: Please take notice that:

1. The name of this claim is the Minnie Lee Lode Mining Claim. Said claim is situated in the San Bernardino Mining District, County of San Bernardino, State of California. Located this 26 day of May, 1951. This discovery is made and the original notice is posted this 26 day of May, 1951.

2. The undersigned locators are citizens of the United States, or have declared their intention to become such, and have discovered mineral bearing rock in place thereon and do locate and claim same for mining purposes.

3. The number of linear feet in length along the course of the vein each way from the point of discovery whereon we have erected a monument is North erly 50 feet; South erly 1450 feet; that the total length does not exceed 1500 feet. That the width on the East erly side is 300 feet; that the width on the West erly side is 300 feet; that the total width does not exceed 600 feet, that the end lines are parallel; that the general course of the vein or lode as near as may be, is in a Northeast erly and Southwest erly direction; that the boundaries of this claim may be readily traced, and are defined as follows, to-wit:

COMMENCING at Discovery monument and extending 50 feet in a direction of 0.55° mag; Thence from that point 300 feet to either side in a direction of 145° mag — 325° mag; thence for 1500 feet in a direction of 235° mag on either side; thence in a direction of 0.55° mag for 300 feet from each side line to form the southern end.

4. This claim can be identified by its proximity to the following natural object or permanent monument, to-wit: being on U.S. highway 395° approx 20 miles from Adelanto, Calif; the discovery monument being 200 feet from Electric hi line tower # 1447 which bears 0.55 mag approx. The Claim being in township 9N, Range 6W.

5. All dips, variations, spurs, angles and all veins, ledges or deposits within the lines of this claim, together with all water and timber and any other rights appurtenant, allowed by the laws of this State or of the United States are hereby claimed.

WITNESSES: D. R. McGee

LOCATORS: Donald B. McGee
[DONALD B. McGEE]

STATEMENT OF THE MARKING OF THE BOUNDARIES AND OF PERFORMANCE OF DISCOVERY WORK

The markings of the boundaries of the aforesaid Claim as required by Sec. 2303 Public Resources Code, are designated and described as: Discovery monument - Stones 36" high

Ends, Corners & Centers of Ends | Stones - 36 inches high

(Please Sign and also Print or Type Signatures)

Locators: Donald B. McGee
[DONALD B. McGEE]

The locator has performed discovery work as required by Sec. 2304, Public Resources Code, as follows: Since discovery shaft 14 feet long, 7 feet wide, 10 feet deep. Also several prospect holes.

Locators: Donald B. McGee
[DONALD B. McGEE]

INDEXED

243

RECORDED AT REQUEST OF LOCATOR - OWNER

MAY 31 1951 at 1:51 P.M.

BOOK 319 PAGE 54

MINING RECORDS
San Bernardino County, Calif.
FRED R. CARPENTER, Recorder
Hazel Gabler Deputy

PHOTOSTATED
COMPARED

This BLANK furnished FREE by San Bernardino County.
Return to Ted R. Carpenter, County Recorder, San Bernardino, California.

NOTE—1949 Legislature amended law regulating Recording Fees.

When computing fees figure $1.00 for the endorsement fee plus 10 cents for each claim, 10 cents for each locator, and 30 cents for a normal description.

PROOF OF LABOR

STATE OF CALIFORNIA,
COUNTY OF SAN BERNARDINO, } ss.

BEFORE ME, The subscriber, personally appeared DOROTHY MC GEE who, being duly sworn, says that at least four hundred (400.00) Dollars worth of labor and improvements were performed or made upon (I) Lode claim "Donald Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 210 feet from Highline Tower #1448 which bears 255° magnetic approx. claim indexed 239, book 319, page 50, Mining Records, San Bernardino, Co., Calif.

(2) Lode claim "Dorothy Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 150 feet from Highline Tower #1447 which bears 300° mag. approx. claim indexed 240, Book 319, Page 51, Mining Records, San Bernadino, Co., Calif.

***(3)

(4)Lode claim "Minnie Lee", facing on U. S. Highway #395, approx. 20½ miles from Adalanto, Calif. The discovery monument being 200 feet from Highline Tower #1447 which bears 055° magnetic approx. claim indexed 243, book 319, page 54, Mining Records, San Bernadino, Co., Calif.

***(3) Lode Claim "Jose Fiend", facing on U. S. Highway #395, approx 20½ miles from Adalanto, Calif. The discovery monument being 300 feet from Highline Tower #1446 which bears 270° magnetic approx. claim indexed 241, Book 319, Page 52, Mining Records, San Bernadino, Co., Calif.

situated in San Bernadino Mining District, San Bernardino County, State of California, during the period from July Ist, 1951 to July Ist, 1952. Such expenditure was made by or at the expense of Donald B. McGee owner of said claim, for the purpose of holding said claim

Dorothy Mc Gee
Signature.

Subscribed and sworn to before me this 13th day of June, A. D., 1952

George H. Ahers
NOTARY PUBLIC Notary Public.
In and for the City and County of San Francisco, State of California
MY COMMISSION EXPIRES OCTOBER 1, 1952

180

4

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE June 15, 1953

REFERRED TO:
1. Mails & Files-Rm.4070
2.
3.
4.

DMEA-2855

FOR:

- ____ Action
- ____ Approval
- ____ Comment
- ____ Conference
- ____ Consideration
- X Filing
- ____ Instructions
- ____ Investigation
- ____ Initials
- ____ Mailing
- ____ Previous correspondence
- ____ Recommendation
- ____ Record of ____
- ____ Referring to ____
- ____ Reply for signature of ____
- ____ Rewriting
- ____ Signature
- ____ Suggestions
- ____ Your information

REMARKS: Please file this away. This application was denied by letter on May 28, 1953

Check (X) before the items needing attention.

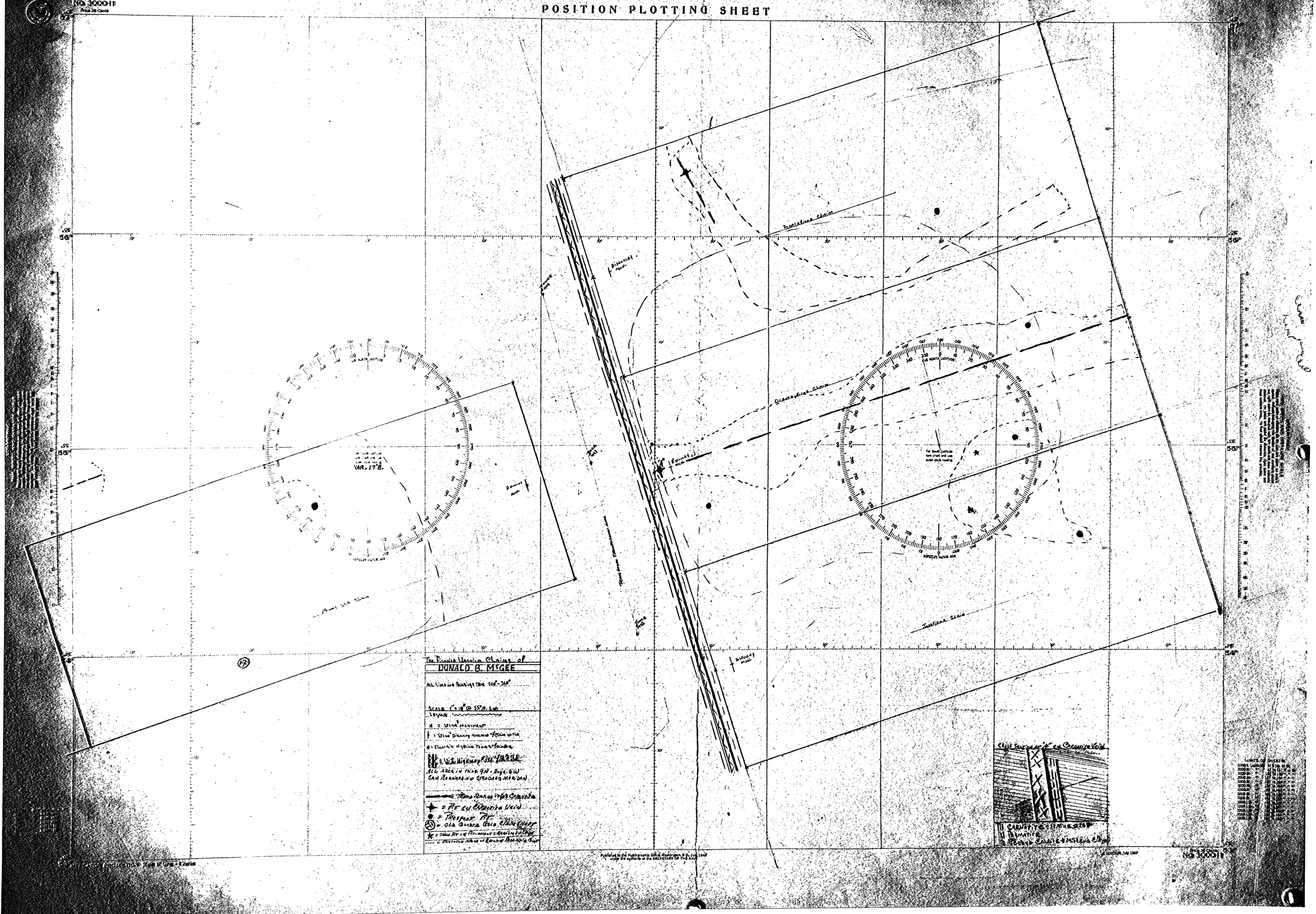
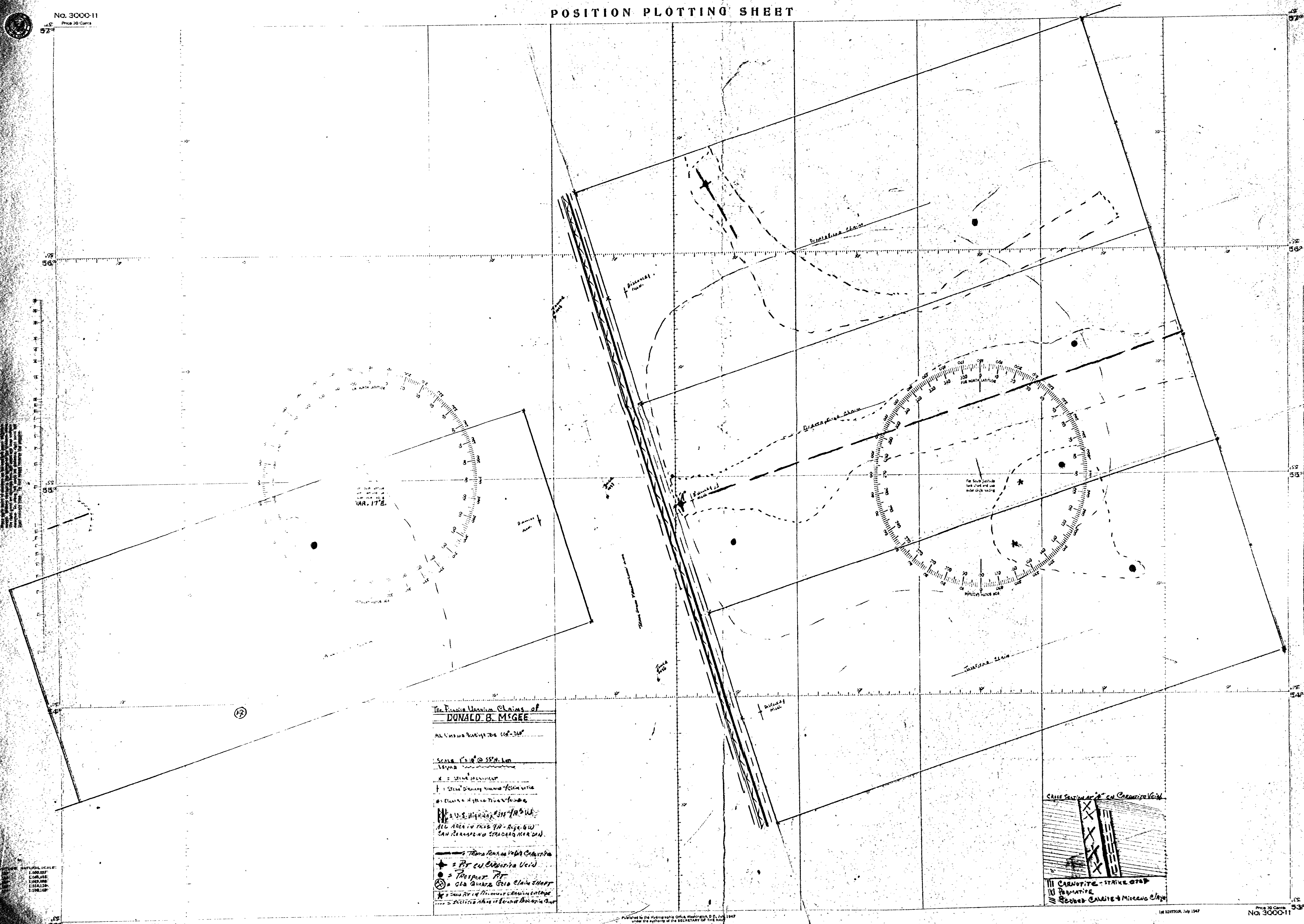
Ernest Wm.
db *Initials of sender.*

GPO 16—63815-1

McGee - Klinkert
Docket No 2855

No. 30001 B
Price 30 Cents

POSITION PLOTTING SHEET



McGee - Kleinkauf
Docket No. 2855