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Docket

RECEIVED
DEC - 5 1955

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

December 2, 1955

Memorandum

To: Chief, Iron & Ferroalloys Division-DMEA
Through: Acting Chief, Branch of Ferrous Metals & Ferroalloys HWS

From: Commodity Specialist-Chromium

Subject: Docket No. DMEA-3978-Chrome
Babcot, Anchor A and Alta Claims
San Benito County, California
$6,000-Herman Akers

Copy retained 400

The applicants plan for exploring the properties by moving overburden and following leads has little likelyhood of making an economical discovery. Therefore, I concur with the recommendation of the Field Team, that the applicantion should be denied.

Wilmer McInnis

Wilmer McInnis

Copy to: Mr. Geehan
Mr. Kiilsgaard, U.S.G.S.
Ferrous Metals
Mr. McInnis
Files
Docket No. DMEA-3978

400

DEC - 8 1955

Mr. Herman Akers
San Benito, California

Re: Docket No. DMEA 3978, Chrome
Bobcat, Anchor A, and Alta claims
San Benito County, California

Dear Mr. Akers:

Your application for aid for an exploration project and other data available to us in Washington concerning the above-referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of chrome mineralization on the Anchor and Bobcat claims, indicates to us that the probability of disclosing minable chrome ore reserves is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Administration program and for bringing this property to our attention.

Sincerely yours,

W. U. Hitterdorf

Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Comm.
T. Killsgaard, USGS
H. W. Davis, USBM
FT, Region 2

TLChapman/ls
12/7/55

Denied

IN REPLY REFER TO:

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

RECEIVED
DEC 12 1955

December 12, 1955

Re: DMEA 4037
Billy L. Rose and Ellis E. Rose
Rose Group
Sierra Co., Calif.
$7,380.00 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicants request assistance in doing work on a system of veins in a granite country rock which carries zirconium and lead. A quartz vein assays in molybdenum, copper, tungsten, and gold. Tungsten is the least of these.

The proposed work program consists of:--

5 core drill holes at 150 ft. = 750 feet
4 " " " at 100 " = 400 "
Tunnel 50 "
Access road 80 man hours

Total cost $7,380.00

The data supporting the application fail to define a target. Probably the scattered work is intended to prospect for a target rather than to explore a specific vein or zone. If the veins are as numerous as shown on the sketch map and the float is molybdenum-bearing, bulldozing might be effective in searching for veins if from the general appearance more work than the signs predict is warranted.

Referral to the Field Team for an office appraisal is recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-12/12/55
cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
R. Holliday, 3513

IN REPLY REFER TO:

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

RECEIVED
DEC 12 1955

400

December 12, 1955

Re: DMEA 4088
Helen Wisdom & Jack Mani
Bright Star Group
Inyo Co., Calif.
$15,090.00 - Tungsten

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

The applicants request aid in developing their mine by drifting 200 feet at a cost of $5,000, supervision $5,500.00, "Cat" rental $1,900.00, buildings, etc. $1,650.00, and rental of compressor and truck $1,040.00.

The shipment of about 50 tons at 3.7% WO_3 supports the assertion that the applicants have "pay dirt" to work on.

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-12/12/55

cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
E. Holliday, 3513

Docket

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

RECEIVED
DEC 12 1955

December 8, 1955

224 New Customhouse
Denver 2, Colorado

WSM

Mr. G. C. Ridland, Vice-President
Reynolds Tungsten Corporation
822 First National Bank Building
Denver 2, Colorado

Re: Docket DMEA 3807 (Tungsten),
Dexter mine, Boulder County,
Colorado

Dear Mr. Ridland:

Enclosed are the original and five copies of Form MF-203, Owner's Consent to Lien. Please have the owners sign and return all copies to this office, so that we may continue to process your application.

Very truly yours,

E. M. Harshman

E. M. Harshman
Acting Executive Officer, DMEA
Field Team, Region III

Enclosures

HMC:ab

cc: Shaw
Harshman
Docket 3807
Chron.
Sec. Op. Comm. (2)

400

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

RECEIVED
DEC 12 1955

December 8, 1955

224 New Customhouse
Denver 2, Colorado

Mr. G. C. Ridland, Vice-President
Reynolds Tungsten Corporation
822 First National Bank Building
Denver 2, Colorado

Re: Docket DMEA 3807 (Tungsten),
Boner mine, Boulder County,
Colorado

Dear Mr. Ridland:

Enclosed are the original and five copies of Form MF-203, Owner's Consent to Lien. Please have the owners sign and return all copies to this office, so that we may continue to process your application.

Very truly yours,

E. M. Harshman

E. M. Harshman
Acting Executive Officer, DMEA
Field Team, Region III

Enclosures

HMC:ab

cc: Shaw
Harshman
Docket 3807
Chron.
Sec. Op. Comm. (2)

IN REPLY REFER TO:

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

RECEIVED
DEC - 9 1955

December 8, 1955

Re: DMEA 3937
International Ore Corp.
Pine Mountain Mine
Maricopa Co., Arizona
$44,948.00 - Mercury

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicant requested aid in sinking a shaft and drifting to reopen and explore for ore in a mercury mine which is estimated to have produced 1,200 flasks of mercury from about 32,000 tons of ore. The average calculated recovery was 2.84 pounds per ton.

The examiners agree that the possibilities of the north ore body have not been determined and further exploration is justified, but the engineer and geologist do not agree on the amount of work warranted. Thus the engineer would confine the work to diamond drilling and the geologist would do the shaft sinking and drifting proposed by the applicant and diamond drilling in addition.

The estimated costs of the two different projects are:--

"Engineer"

Drilling	3 at 500' 1500' 4 at 100' 400'	1900' at $6.50/ft.	$12,350.00
Supervision			1,000.00
Materials and miscellaneous			400.00
		Total	$13,750.00

"Geologist" Applicant's proposed work plus diamond drilling.

Applicant's proposal.

Bulldozing	$ 448.00	
Headframe	3,200.00	
Hoist	3,000.00	$ 6,648.00
Sinking* 150' at $130.00/ft.	19,500.00	
2 stations	2,400.00	21,900.00
Drifting 400' at $33.00/ft.	13,200.00	
Timbering 400' at $8.00/ft.	3,200.00	16,400.00
		$44,948.00
Drilling 3 holes at 150' each 450' at $6.50/ft.	2,925.00	
3 holes at 500' each 1500' at $6.50/ft.	9,750.00	12,675.00
Total		$57,623.00

*The shaft sinking may be in progress.

The applicant and the examiners believe the shaft is necessary. The engineer considers it development, the geologist an adjunct of exploration with some exploratory value since it should go through the A vein.

A lack of adequate mine maps prevented preparation of complete plans and sections by the examiners and appraisal of the proposed program is rendered difficult. If only 1,200 flasks of mercury may be inferred the programs involving shaft sinking and drifting are disproportionate.

I concur with the engineer's recommendation. If more and better ore is found than the data supplied portend, the shaft and drifting might be justified.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-12/8/55
cc: Director's reading, 4212
Branch reading, 4212
NMA (3)
Docket file
M. M. Meyer, 3623

Docket

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
ROOM 1, POST OFFICE BLDG.
WASHINGTON 25, D.C.
KNOXVILLE 2, TENN.

RECEIVED
DEC - 7 1955

December 5, 1955

Mr. Paul J. Bertelson
Garth Road
Charlottesville, Virginia

Re: DMEA-3998 (Manganese)
Ramsey Mountain Prospect
Augusta County, Va.

Dear Mr. Bertelson:

About a month ago, our field examiners visited the Ramsey Mountain Prospect with you, for the purpose of evaluating your proposal for DMEA assistance.

Their report indicates that they discussed with you what was needed to properly evaluate the proposal, and that you agreed to do the following work:

1. Establish property boundaries on the ground.

2. Establish and map approximate geologic contacts (especially the Shady-Erwin contact).

3. Complete enough prospecting work to indicate the possibility of a manganese deposit on the property.

4. Spot on the map and also on the ground the positions of proposed holes, trenches, or test pits.

5. Furnish estimates of yardage to be moved in trenches and footage and kind of drilling to be done.

6. Obtain bids for drilling and rental rates for bulldozer and other equipment.

When this additional information is available, we will be glad to consider your amended application.

Very truly yours,

copy retained in 400.

RAL/sm.
cc: Lynch
Millar, Pavlides
Files
Opr. Com.-2

Robert A. Laurence, Executive Officer
DMEA Field Team, Region V

400

DEC - 8 1955

400

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 3659 - Tungsten
Hongola and Clark
Obelisk Mine
Fresno County, California

Dear Mr. Ricker:

Enclosed are the original and five copies of a proposed contract for an exploration program by the above-referenced applicant, signed by the Administrator for the Government, together with Exhibit "A" (1 page), Annex I (1 page), and 3 maps.

If any part of the proposed contract does not have your approval or that of the applicant, and cannot be altered within your delegated authority, the original and all copies are to be returned to this office, together with the proposed changes for consideration.

Under Article 3, the starting date has been left blank and is to be filled in when the contract is signed by the operator.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

/s/ Robert W. Geehan
Member, Bureau of Mines

Thor H. Kiilsgaard
Member, Geological Survey

cc: Docket
FT, Reg. 2
Code 400
Adm. Reading File
Operating Committee
Thor Kiilsgaard, USGS
Robt. Holliday, USBM

~~TLEKAPMAK/IN~~ SPHolt/ls
9/15/55

December 7, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $6,000.00
Docket No. DMEA 3978-Chrome
Herman Akers
Bobcat, Anchor A, and Alta Claims
San Benito County, California

Denial of the subject application is recommended by this Division based on the following information:

(1) The applicant, Herman Akers, San Benito, California, requested exploration assistance in the amount of $6,000.00 for bulldozing.

(2) The applicant controls by right of location the following lode mining claims:

Name of Claim		Book No.	Page No.
Bobcat No. 1	Sec. 20, T. 18 S., R. 12 E.	207	474
Bobcat No. 2	Sec. 20, T. 18 S., R. 12 E.	207	472
Anchor A, No. 1	Sec. 20, T. 18 S., R. 12 E.	203	229
Anchor A, No. 2	Sec. 20, T. 18 S., R. 12 E.	203	227
Anchor A, No. 3	Sec. 20, T. 18 S., R. 12 E.	205	230
Anchor A, No. 4	Sec. 20, T. 18 S., R. 12 E.	205	228
Alta No. 2	Sec. 17, T. 18 S., R. 12 E.	212	160
Alta No. 3	Sec. 17, T. 18 S., R. 12 E.	212	162

All in New Idria Mining District, San Benito Co., Calif.

(3) The proposed program is to uncover possible chrome deposits by bulldozing trenches.

(4) Small areas show float containing chromite in nodules and bunches, which are apparently concentrated from scattered chromite in peridotite which has been extensively serpentinized and eroded. There is no definite target on the property and there is little possibility of finding a significant deposit.

(5) About 50 tons of ore have been produced from Float, averaging 50 percent Cr_2O_3.

(6) The Field Team concludes that there is little possibility of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Code 400
Oper. Committee
Adm. Reading File

TLChapman/ls

400

RECEIVED
DEC 5 1955

December 2, 1955

Memorandum

To: Chief, Iron & Ferroalloys Division-DMEA
Through: Acting Chief, Branch of
Ferrous Metals & Ferroalloys

From: Commodity Specialist-Chromium

Subject: Docket No. DMEA-3978-Chrome
Babcot, Anchor A and Alta Claims
San Benito County, California
$6,000-Herman Akers

The applicants plan for exploring the properties by moving overburden and following leads has little likelyhood of making an economical discovery. Therefore, I concur with the recommendation of the Field Team, that the applicantion should be denied.

Wilmer McInnis

WMcInnis/trs

Copy to: Mr. Geehan
Mr. Kiilsgaard, U.S.G.S.
Ferrous Metals
Mr. McInnis
Files
Docket No. DMEA-3978

Jerry

IN REPLY REFER TO:

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

400

November 28, 1955

Re: DMEA 3978
Herman Ahers
Bobcat, Amber A, and Alta
San Benito County, Calif.
Chromite

Copy retained 200

dmea 3978

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicant furnished no definite plan or estimate of cost for exploring his property.

The examiners learned that assistance was requested to enable the applicant to buy a bulldozer, costing about $6,600 for stripping purposes. In the course of the stripping pods and lenses of chromite residual in crumbly weathered serpentine might be found. If found the chromite would be practically ready for mining.

A general and not a specific target is provided, but experience indicates that the pods and lenses are small and scattered and in the opinion of the examiners, the cost of any type of surface or subsurface exploration is almost certain to exceed the value of the ore found.

I accept the opinion of the examiners and concur with the recommendation of the Field Team that the application should be denied.

N. E. Nelson

N. E. Nelson

NENelson:jah
0-11/28/55
cc: Director's reading file, 4212
Branch reading, 4212
DMEA (3) ✓
Docket file
C. Katlin, 3515

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NOV 30 1955

400

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

RECEIVED
NOV 22 1955

1605 Evans Avenue
Reno, Nevada

November 17, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D.C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3978 (Chromite)
Herman Akers
Bobcat and Anchor claims
San Benito County, California

Pursuant to your letter of September 26, 1955, relative to subject property, we are attaching four copies of a report by B. H. Sheahan, Bureau of Mines and H. K. Stager and D. B. Tatlock, Geological Survey in which it is recommended that the application for exploration aid be denied.

Roscoe Smith and I concur in the recommendations for reasons set forth in the report.

SRicker

Attach.

SRicker:gh
cc: R. M. Smith
File

Reviewed by
DMEA OPERATING COMMITTEE

(date)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

RECEIVED
NOV 22 1955

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3978 (Chrome)
Herman Akers
Bobcat, Anchor A, and Alta claims
San Benito County, California

by

B. H. Sheahan
Mining Engineer
U. S. Bureau of Mines

H. K. Stager and D. B. Tatlock
Geologists
U. S. Geological Survey

November 15, 1955

Reviewed by
DMEA OPERATING COMMITTEE

_____
(date)

RECEIVED
NOV 8 6 1955

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Proposed Exploration	7

ILLUSTRATIONS

Figure 1 . . . . . Location Map

Figure 2 . . . . . Sketch Map

RECEIVED
NOV 28 1955

INTRODUCTION

Mr. Herman Akers, San Benito, San Benito County, Calif., applied for Government assistance in a $6,000 program under the Defense Minerals Exploration Administration, docket DMEA-3978, to prospect for chromite at the Bobcat, Anchor A, and Alta claims, San Benito County, California. The applicant proposes to prospect the claims by trenching.

A field examination was requested by the Operating Committee, and was made by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, and H. K. Stager and D. B. Tatlock, geologists, U. S. Geological Survey, on October 19, 1955, accompanied by the applicant, Mr. Herman Akers, and his associate, Mr. E. Ead.

Inasmuch as the applicant's claims are widely scattered over a nearly homogeneous mass of serpentinized peridotite and the only mine workings consist of shallow bulldozer trenches, no attempt by the field examiners was made to map the property. Three samples of the chromite float were taken to check the grade and chrome-iron ratio of the ore as there were no exposures of ore-in-place.

CONCLUSIONS AND RECOMMENDATIONS

The Bobcat, Anchor A, and Alta claims contain small quantities of chromite float and erratically scattered nodules and disseminations of chromite in serpentine. The results of the examination indicate that the deposits are too small and widely scattered to be mined economically.

The applicant proposed to prospect for chromite float and lenses of chromite in serpentine by bulldozing shallow surface trenches in weathered serpentine. The applicant proposed to furnish his own labor and supplies and requested Government assistance in purchasing a bulldozer. The Government's share of the estimated cost of the $6,000 bulldozer would be $3,000.

There are no targets on the claims on which to base an exploration program and little probability of making a significant discovery by the proposed program.

It is recommended that Government assistance under the DMEA program be denied.

LOCATION, ACCESSIBILITY, AND LOCAL RESOURCES

The Bobcat claims are in Section 2, T. 18S., R. 11 E., M.D.B.&M., at an altitude of 3,800 feet in the Diablo Range, San Benito County. To reach the property a jeep or four wheel drive vehicle is needed. From Idria, California, follow the main Clear Creek dirt road 7.1 miles southwesterly, turn right near the Clear Creek Mercury mine and follow a very steep winding jeep trail 2.0 miles northerly to the Bobcat No. 1 and Bobcat No. 2 claims. The total distance from Idria is 9.1 miles.

The Anchor A claims are in Section 20, T. 18S., R. 12 E., M.D.B.&M., at an altitude of 4,600 feet. To reach these claims

from Idria, California, follow the Clear Creek road 3.8 miles southwesterly, go straight ahead on a winding jeep road 8.2 miles to the James Mining Company mill in Section 21, turn right and follow a steep winding jeep road 4.7 miles to the property. The total distance from Idria is 16.7 miles.

The Alta No. 2 and Alta No. 3 claims are in the east half of Section 17, T. 18 S., R. 12 E., M.D.B.&M., at an altitude of 4,000 feet, and 3.9 miles by jeep trail northeast of the Anchor A No. 1 claim.

Access roads to the property are very poor and are usually closed during wet weather.

Idria, California is the nearest source of labor and supplies. Water is available along Clear Creek and San Benito Creek.

HISTORY AND PRODUCTION

There is no recorded production from the property. The claims were located by Mr. Herman Akers in 1954, and were leased to Mr. J. R. Holman, the operator of the James Mining Company mill. Open cut trenching was done at the property and about 50 tons of about 50 percent nodular chrome ore was produced from float on the claims.

The James Mining Company is operating a 30 ton per day chromite concentration plant in Section 21, near the Alta and Anchor A claims. Low grade chrome ore is mined from an open cut near the mill.

PROPERTY AND OWNERSHIP

All of the claims are unpatented and are owned by the applicant. The location certificates are reported to be recorded at Hollister, San Benito County, California.

Name of claim	Book	Page
Bobcat No. 1	207	474
" " 2	207	472
Anchor A No. 1	203	229
" " " 2	203	227
" " " 3	205	230
" " " 4	205	228
Alta No. 2	212	160
" " 3	212	162

The owner is a rancher and operator of a cattle ranch on Los Gatos Creek road, 30 miles northwest of Coalinga.

DEVELOPMENT

There are no surface facilities or improvements of any kind on the property. Several open cuts have been excavated on each of the claims. These cuts range from a few cubic yards in volume to more than 3,000 cubic yards. The serpentinized material is very easily excavated with a heavy bulldozer, and blasting to loosen the material is seldom necessary.

Mr. Herman Akers has prospected the area for chromite during the past few years.

GENERAL GEOLOGY

The Bobcat, Anchor A, and Alta claims are in the northwestern part of a large mass of peridotite in the Diablo Range of San Benito County. The geology and chromite deposits of the area have been studied by the Geological Survey and the results of this study have been published by the State Division of Mines.

- -

Walker, George W. and Griggs, Allan B., 1953, Geological Investigations of Chromite in California, Calif. Div. of Mines, Bull. 134, Part II, Ch. 2, pp 54-55 and Plate 3.

- -

The peridotite body is about 12 miles long and 4 miles wide and is extensively serpentinized and strongly sheared. It is bounded by the Franciscan formation of probable Cretaceous age and locally by the Panoche formation of Cretaceous age. Much of the body has been deeply weathered and erosion has removed large quantities of the soft crumbly serpentine. Pods and lenses of chromite contained in the serpentine are more resistant to weathering and have been concentrated by this erosion. It is these residual surface concentrations of chromite that have been mined in the claim area.

The chromite pods that constitute the target of the exploration are so small and erratically distributed that the cost of any type of surface or subsurface exploration is almost certain to exceed the value of the ore found.

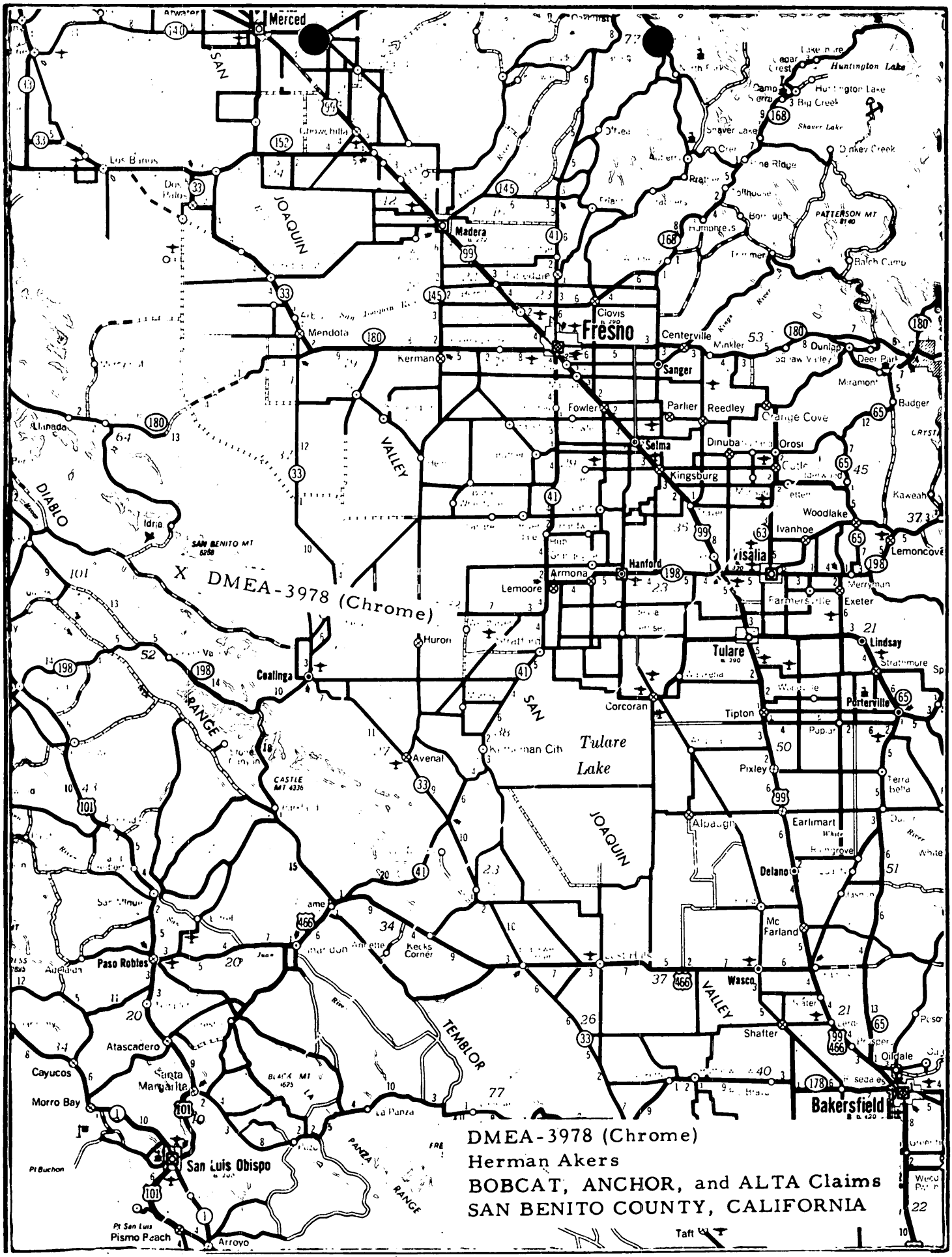
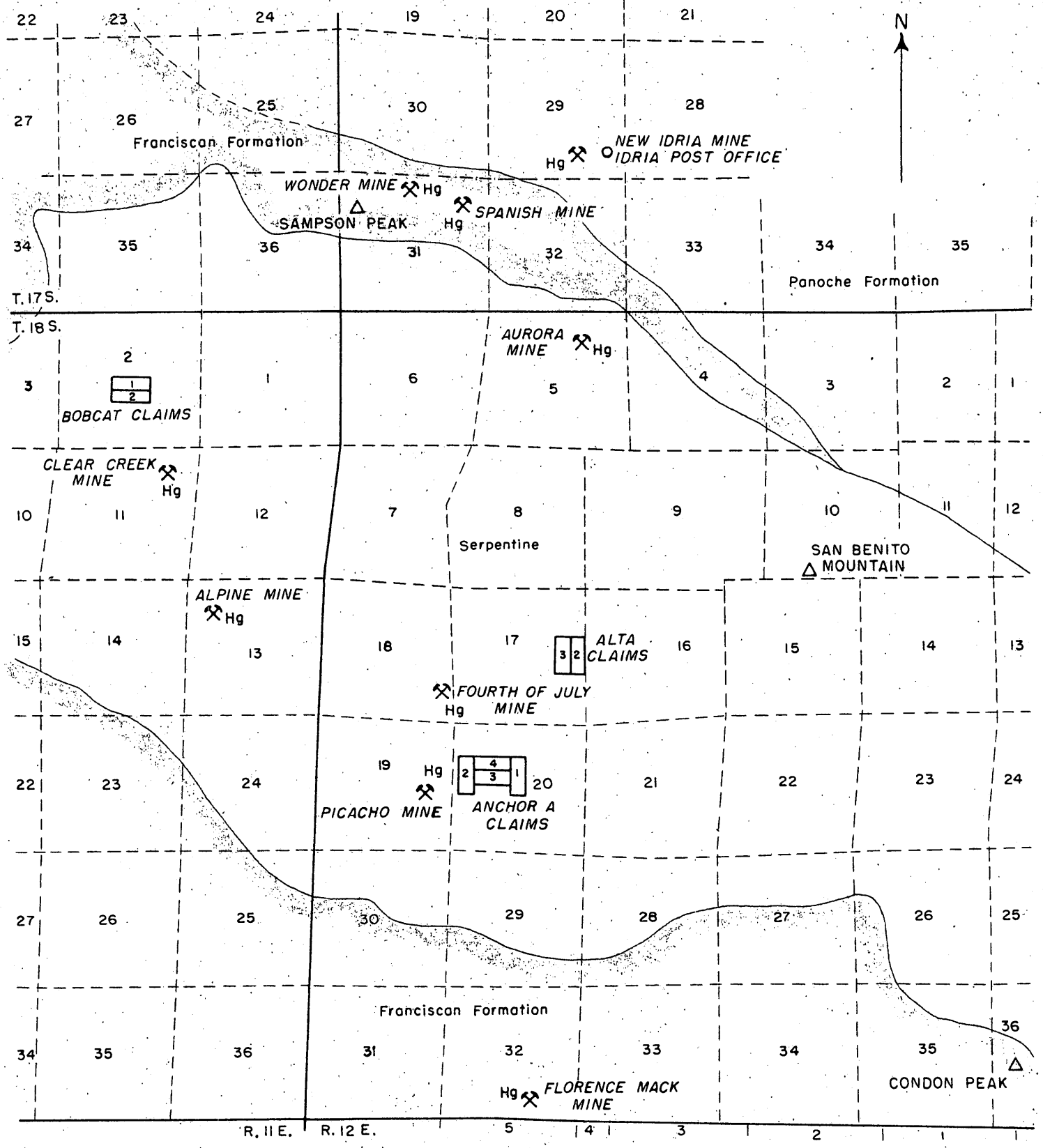


Fig. 1 LOCATION MAP CALIFORNIA

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3978
(CHROMITE)



SKETCH MAP OF THE BOBCAT, ANCHOR A, AND ALTA CLAIMS
SAN BENITO COUNTY, CALIFORNIA

5,000 0 5,000 10,000 FEET

Figure 2

400

SEP 26 1955

Mr. Herman Akers

San Benito, California

Re: Docket No. DMEA-3978, Chrome
Bobcat and Anchor claims
San Benito County, California

Dear Mr. Akers:

The above-docketed application for exploration assistance for chrome ores has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

Any assistance that you can give the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
T. Kiilsgaard, USGS
H. W. Davis, USBM
FT, Region 2

TLChapman/ls
9/26/55

400

SEP 26 1955

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 3978 -Chrome
Herman Akers
Bobcat and Anchor claims
San Benito County, California

Dear Mr. Ricker:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Two copies each of relevant memoranda, one dated September 15, 1955, by Wilmer McInnis, Bureau of Mines, and the other dated September 20, 1955, by N. E. Nelson, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee

Enclosures

APPROVED:

/s/ Robert W. Geehan

Member, Bureau of Mines

N. E. Nelson

Member, Geological Survey

cc: Docket
Adm. Read. File
Oper. Comm.
Code 400
T. Kiilsgaard, USGS
H. W. Davis, USBM
FT, Reg. 2

TLChapman/ls
9/26/55

IN REPLY REFER TO:

400

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

September 20, 1955

Re: DMEA 1978
Herman Akers
Bobcat & Anchor Claims
San Benito Co., Calif.
Chromite

Copy retained 400

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

I have no information on the specific claims named in the application.

No work program is presented, but, from equipment asked for, stripping to find a vein is intended.

Perhaps such work could be contracted if, as stated, "there is lots of float and indications."

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

NENelson:iml
G-9/20/55
cc: Director's reading, 4212
Branch reading, 4212
DMEA (3)
Docket file
C. Katlin, 3515

402

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

RECEIVED
SEP 1 6 1955

September 15, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division, DMEA
Through Chief, Br. of Ferrous Metals and Ferroalloys

From: Commodity Specialist

Subject: DMEA Docket 3978 - Chrome
Herman Akers, San Benito, Calif.

This docket is so poorly prepared until it appears obvious that little would be accomplished by requesting additional information from the applicant. Therefore, I suggest that it be referred to the field team for examination.

W. McInnis

cc: Br. of Ferrous Metals & Ferroalloys
Chrome files- Mr. McInnis
F i l e s

ORE DEPOSITS

The chromite bodies are small irregular pods and lenses containing from a few pounds to several tons of ore each. The largest pod mined was on the Anchor A No. 1 claim and contained 11 tons of chromite with an average grade of 53 percent Cr_2O_3. Much of the ore found on the claims was in the form of small boulders and masses of chromite that had weathered out of the serpentine and concentrated on the surface and in the gravel of nearby streams.

Chromite is the only ore mineral present. The principal gangue mineral is serpentine although thin films of the bright green chrome garnet (uvarovite) and the pink chrome-bearing chlorite (kammererite) occur in fractures and coating the chromite nodules.

Twenty tons of chromite was produced from the Alta No. 2 claim and was concentrated from about 100 tons of landslide material that contained disseminated chromite-bearing float. The Anchor A claims yielded about 25 tons and the Bobcat No. 1 claim yielded about 3 tons of nodular ore.

SAMPLING

There was no ore in place on the property. Three samples were taken to show the type of material that had been mined.

Sample No.	Width	% Cr_2O_3	%Fe	% SiO_2	Remarks
S-401	9.0 ft.	2.25	7.40	41.62	Trench in chromite rich float. Alta No. 2 claim.
S-402	Grab	49.10	12.60	8.26	*From 500 lb. ore pile. Anchor A No. 1 claim.
S-403	2.0 ft.	7.05	6.0	26.70	Boulder in open cut. Bobcat No. 1 claim.

*Remnant of ore shipped which reportedly contained

12.23% Iron

2.66% Silica

35.22% Chrome

51.47% Cr_2O_3

ORE RESERVES

There are no measured or indicated reserves of chrome ore on the Alta, Anchor A, or Bobcat claims. Inferred reserves may total a few tons of ore in small pods of massive chromite and concentrations of disseminated chromite erratically distributed in the serpentine.

PROPOSED EXPLORATION

The applicant proposed to prospect the claims by bulldozing numerous shallow trenches in the easily excavated weathered serpentine. The applicant proposed to furnish the necessary labor and supplies and requested Government assistance in the purchase of a bulldozer. The estimated cost of a bulldozer suitable to perform the work is $6,000.

Past exploration has consisted of surface stripping and trenching by bulldozer. This work, involving the moving of many thousands of cubic yards of material, has yielded about 50 tons of chromite.

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP 14 1955

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

Not to be filled in by applicant

Docket No. DMEA 3978
Metal or Mineral Chrome
Date Received ~~9-2-55~~ 9/14/55
Estimated Cost Not given
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Herman Akers, San Benito, California

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Bobcat claims No.I&2,located in center of sec. 2,twp.I8,S.R.I2E.,Anchor A claims No.I,2,3,4, in the W½ofE½sec.20,twp.I8S.,R. I2E.,Alta No 2&3, in the E½,sec.I7,twp.I8,S.R.I2E. All claims are located in the New Idria Mining district of San Benito County.

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

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

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

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice: Bobcat I&2 B.207 pg474,& B.207 pg.472., Anchor A #I,B.203 pg229.#2,B.203,pg.227,#3,B.205,pg.230,#4,B.205,pg.228.,Alta #2,B.2I2,pg.I60,#3,B.2I2,pg.162

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

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

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

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

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

16—66551-1

4. a Some overburden moved, some 30 ton high grade ore assaying 47%, in which I have half interest. All claims are accessable in jeep or pickup.
   b None
   c We wish to explore these claims as there are several leads showing, which should lead to a vein, as there is lots of float and indications all found in serpentine. Iron content is low, 2.57%.
   d Access roads are good, distance to shipping point 35miles, and distance to mill 3 miles.
   e The availability of manpower, materials, supplies, water and power are good with the exception of equipment, which is the purpose of this loan to purchase equipment so we can develpoe it ourselves.

5. d Three (3) years work in chrome, consisting of dozier work and prospecting, hauling and shipping.

6. a None — Cost should run $10.00 per day by doing the work myself
   b None
   c Operating supplies will consist of fuel, gas, grease about $I0.00 per. day.
   d Equipment to be purchased, One,(I) used reconditioned garunteed R.D.6 Buldozier, with cabel controlled unit, aprox. price $6,000.00.
   e None
   f None
   g None
   h None

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

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

(*c*) The work will start within 30 days and be completed within 24 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

(*b*) How do you propose to furnish your share of the costs? By furnishing fuel, gas, grease, all labor, and use of own jeep.

☐ Money ☒ Use of equipment owned by you ☒ Other Labor

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Sept 4, 1955

Herman Akers
(Applicant)

By

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

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

COPY

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

400

September 16, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division - DMEA
Through: Chief, Branch of Ferrous Metals & Ferroalloys

From: Commodity Specialist

Subject: Docket No. DMEA 3977 - Tungsten
Grayhill and Blue Rock claims
Application for Exploration Assistance $2,000

It is recommended that a field team examination be made.

Signed: Wilmer McInnis

Wilmer McInnis

400

DOCKET
Surname:
Chapman
Martin
Gehan
Killsgaard
Selfridge
Fjelsman

DEC - 8 1955

Mr. Herman Akers
San Benito, California

Re: Docket No. DMEA 3978, Chrome
Bobcat, Anchor A, and Alta claims
San Benito County, California

Dear Mr. Akers:

Your application for aid for an exploration project and other data available to us in Washington concerning the above-referenced property have been reviewed.

Projects approved by the Defense Minerals Exploration Administration must, in its judgment, show definite promise of yielding materials of acceptable grade in quantities that will significantly improve the mineral supply position for the National Defense Program.

Careful study of our information, although noting a small amount of chrome mineralization on the Anchor and Bobcat claims, indicates to us that the probability of disclosing minable chrome ore reserves is not sufficiently promising to justify Government participation. Under these circumstances, we regret to advise you that your application is denied.

We wish to thank you for your interest in the Defense Minerals Exploration Administration program and for bringing this property to our attention.

Sincerely yours,

C. U. Mittendorf
(Rey ESF)
Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Comm.
T. Killsgaard, USGS
H. W. Davis, USBM
FT, Region 2

TLChapman/ls
12/7/55

R.C.H.

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

December 7, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $6,000.00
Docket No. DMEA 3978-Chrome
Herman Akers
Bobcat, Anchor A, and Alta Claims
San Benito County, California

Denial of the subject application is recommended by this Division based on the following information:

(1) The applicant, Herman Akers, San Benito, California, requested exploration assistance in the amount of $6,000.00 for bulldozing.

(2) The applicant controls by right of location the following lode mining claims:

Name of Claim		Book No.	Page No.
Bobcat No. 1	Sec. 20, T. 18 S., R. 12 E.	207	474
Bobcat No. 2	Sec. 20, T. 18 S., R. 12 E.	207	472
Anchor A, No. 1	Sec. 20, T. 18 S., R. 12 E.	203	229
Anchor A, No. 2	Sec. 20, T. 18 S., R. 12 E.	203	227
Anchor A, No. 3	Sec. 20, T. 18 S., R. 12 E.	205	230
Anchor A, No. 4	Sec. 20, T. 18 S., R. 12 E.	205	228
Alta No. 2	Sec. 17, T. 18 S., R. 12 E.	212	160
Alta No. 3	Sec. 17, T. 18 S., R. 12 E.	212	162

All in New Idria Mining District, San Benito Co., Calif.

(3) The proposed program is to uncover possible chrome deposits by bulldozing trenches.

(4) Small areas show float containing chromite in nodules and bunches, which are apparently concentrated from scattered chromite in peridotite which has been extensively serpentinized and eroded. There is no definite target on the property and there is little possibility of finding a significant deposit.

(5) About 50 tons of ore have been produced from float, averaging 50 percent Cr_2O_3.

(6) The Field Team concludes that there is little possibility of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

W S Martin

W. S. Martin, Chief
Iron and Ferro-Alloys Division

DOCKET
Surname:
400 Chapman
Martin

December 7, 1955

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of request for exploration assistance in the amount of $6,000.00
Docket No. DMEA 3978-Chrome
Herman Akers
Bobcat, Anchor A, and Alta Claims
San Benito County, California

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Bobcat No. 2	Sec. 20, T. 18 S., R. 12 E.	207	472
Anchor A, No. 1	Sec. 20, T. 18 S., R. 12 E.	203	229
Anchor A, No. 2	Sec. 20, T. 18 S., R. 12 E.	203	227
Anchor A, No. 3	Sec. 20, T. 18 S., R. 12 E.	205	230
Anchor A, No. 4	Sec. 20, T. 18 S., R. 12 E.	205	228
Alta No. 2	Sec. 17, T. 18 S., R. 12 E.	212	160
Alta No. 3	Sec. 17, T. 18 S., R. 12 E.	212	162

All in New Idria Mining District, San Benito Co., Calif.

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(6) The Field Team concludes that there is little possibility of making a significant discovery and recommends denial. The Commodity Divisions of the Geological Survey and the Bureau of Mines concur in this recommendation.

W. S. Martin, Chief
Iron and Ferro-Alloys Division

cc: Docket
Code 400
Oper. Committee
Adm. Reading File

TLChapman/ls

Docket

December 2, 1955

Memorandum

To: Chief, Iron & Ferroalloys Division-DMEA
Through: Acting Chief, Branch of
Ferrous Metals & Ferroalloys

From: Commodity Specialist-Chromium

Subject: Docket No. DMEA-3973-Chrome
Sateet, Anchor A and Alta Claims
San Benito County, California
$6,000-Herman Akers

The applicants plan for exploring the properties by moving overburden and following leads has little likelyhood of making an economical discovery. Therefore, I concur with the recommendation of the Field Team, that the application should be denied.

Wilmer McInnis

WMcInnis/kra

Copy to: Mr. Meehan
Mr. Kiilsgaard, U.S.F.S.
Ferrous Metals
Mr. McInnis
Files
Docket No. DMEA-3978

Docket

IN REPLY REFER TO:

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

November 28, 1955

Re: DMEA 3978
Herman Akers
Bobcat, Anchor A, and Alta
San Benito County, Calif.
Chromite

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Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of Field Team report.

The applicant furnished no definite plan or estimate of cost for exploring his property.

The examiners learned that assistance was requested to enable the applicant to buy a bulldozer, costing about $6,600 for stripping purposes. In the course of the stripping pods and lenses of chromite residual in crumbly weathered serpentine might be found. If found the chromite would be practically ready for mining.

A general and not a specific target is provided, but experience indicates that the pods and lenses are small and scattered and in the opinion of the examiners, the cost of any type of surface or subsurface exploration is almost certain to exceed the value of the ore found.

I accept the opinion of the examiners and concur with the recommendation of the Field Team that the application should be denied.

N. E. Nelson

N. E. Nelson

RMEA

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

RECEIVED
NOV 3 0 1955

1605 Evans Avenue
Reno, Nevada

November 17, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building, Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Docket No. DMEA-3978 (Chromite)
Herman Akers
Bobcat and Anchor claims
San Benito County, California

Pursuant to your letter of September 26, 1955, relative to subject property, we are attaching four copies of a report by B. H. Sheahan, Bureau of Mines and H. K. Stager and D. B. Tatlock, Geological Survey in which it is recommended that the application for exploration aid be denied.

Roscoe Smith and I concur in the recommendations for reasons set forth in the report.

SRicker

Attach.

Reviewed by
DMEA OPERATING COMMITTEE
11/25/55
(date)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION II

APPLICATION REPORT

DMEA-3978 (Chrome)
Herman Akers
Bobcat, Anchor A, and Alta claims
San Benito County, California

by

B. H. Sheahan
Mining Engineer
U. S. Bureau of Mines

H. K. Stager and D. B. Tatlock
Geologists
U. S. Geological Survey

November 15, 1955

Reviewed by
DMEA OPERATING COMMITTEE
11/25/55
(date)

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General Geology	5
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ILLUSTRATIONS

Figure 1 . . . . . Location Map

Figure 2 . . . . . Sketch Map

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INTRODUCTION

Mr. Herman Akers, San Benito, San Benito County, California, applied for Government assistance in a $6,000 program under the Defense Minerals Exploration Administration, docket DMEA-3978, to prospect for chromite at the Bobcat, Anchor A, and Alta claims, San Benito County, California. The applicant proposes to prospect the claims by trenching.

A field examination was requested by the Operating Committee, and was made by B. H. Sheahan, mining engineer, U. S. Bureau of Mines, and H. K. Stager and D. B. Tatlock, geologists, U. S. Geological Survey, on October 19, 1955, accompanied by the applicant, Mr. Herman Akers, and his associate, Mr. E. Ead.

Inasmuch as the applicant's claims are widely scattered over a nearly homogeneous mass of serpentinized peridotite and the only mine workings consist of shallow bulldozer trenches, no attempt by the field examiners was made to map the property. Three samples of the chromite float were taken to check the grade and chrome-iron ratio of the ore as there were no exposures of ore-in-place.

CONCLUSIONS AND RECOMMENDATIONS

The Bobcat, Anchor A, and Alta claims contain small quantities of chromite float and erratically scattered nodules and disseminations of chromite in serpentine. The results of the examination indicate that the deposits are too small and widely scattered to be mined economically.

The applicant proposed to prospect for chromite float and lenses of chromite in serpentine by bulldozing shallow surface trenches in weathered serpentine. The applicant proposed to furnish his own labor and supplies and requested Government assistance in purchasing a bulldozer. The Government's share of the estimated cost of the $6,000 bulldozer would be $3,000.

There are no targets on the claims on which to base an exploration program and little probability of making a significant discovery by the proposed program.

It is recommended that Government assistance under the DMEA program be denied.

LOCATION, ACCESSIBILITY, AND LOCAL RESOURCES

The Bobcat claims are in Section 2, T. 18S., R. 11 E., M.D.B.&M., at an altitude of 3,800 feet in the Diablo Range, San Benito County. To reach the property a jeep or four wheel drive vehicle is needed. From Idria, California, follow the main Clear Creek dirt road 7.1 miles southwesterly, turn right near the Clear Creek Mercury mine and follow a very steep winding jeep trail 2.0 miles northerly to the Bobcat No. 1 and Bobcat No. 2 claims. The total distance from Idria is 9.1 miles.

The Anchor A claims are in Section 20, T. 18S., R. 12 E., M.D.B.&M., at an altitude of 4,600 feet. To reach these claims

from Idria, California, follow the Clear Creek road 3.8 miles southwesterly, go straight ahead on a winding jeep road 8.2 miles to the James Mining Company mill in Section 21, turn right and follow a steep winding jeep road 4.7 miles to the property. The total distance from Idria is 16.7 miles.

The Alta No. 2 and Alta No. 3 claims are in the east half of Section 17, T. 18 S., R. 12 E., M.D.B.&M., at an altitude of 4,000 feet, and 3.9 miles by jeep trail northeast of the Anchor A No. 1 claim.

Access roads to the property are very poor and are usually closed during wet weather.

Idria, California is the nearest source of labor and supplies. Water is available along Clear Creek and San Benito Creek.

HISTORY AND PRODUCTION

There is no recorded production from the property. The claims were located by Mr. Herman Akers in 1954, and were leased to Mr. J. R. Holman, the operator of the James Mining Company mill. Open cut trenching was done at the property and about 50 tons of about 50 percent nodular chrome ore was produced from float on the claims.

The James Mining Company is operating a 30 ton per day chromite concentration plant in Section 21, near the Alta and Anchor A claims. Low grade chrome ore is mined from an open cut near the mill.

PROPERTY AND OWNERSHIP

All of the claims are unpatented and are owned by the applicant. The location certificates are reported to be recorded at Hollister, San Benito County, California.

Name of claim	Book	Page
Bobcat No. 1	207	474
" " 2	207	472
Anchor A No. 1	203	229
" " " 2	203	227
" " " 3	205	230
" " " 4	205	228
Alta No. 2	212	160
" " 3	212	162

The owner is a rancher and operator of a cattle ranch on Los Gatos Creek road, 30 miles northwest of Coalinga.

DEVELOPMENT

There are no surface facilities or improvements of any kind on the property. Several open cuts have been excavated on each of the claims. These cuts range from a few cubic yards in volume to more than 3,000 cubic yards. The serpentinized material is very easily excavated with a heavy bulldozer, and blasting to loosen the material is seldom necessary.

Mr. Herman Akers has prospected the area for chromite during the past few years.

GENERAL GEOLOGY

The Bobcat, Anchor A, and Alta claims are in the northwestern part of a large mass of peridotite in the Diablo Range of San Benito County. The geology and chromite deposits of the area have been studied by the Geological Survey and the results of this study have been published by the State Division of Mines.

Walker, George W. and Griggs, Allan B., 1953, Geological Investigations of Chromite in California, Calif. Div. of Mines, Bull. 134, Part II, Ch. 2, pp 54-55 and Plate 3.

The peridotite body is about 12 miles long and 4 miles wide and is extensively serpentinized and strongly sheared. It is bounded by the Franciscan formation of probable Cretaceous age and locally by the Panoche formation of Cretaceous age. Much of the body has been deeply weathered and erosion has removed large quantities of the soft crumbly serpentine. Pods and lenses of chromite contained in the serpentine are more resistant to weathering and have been concentrated by this erosion. It is these residual surface concentrations of chromite that have been mined in the claim area.

Sample No.	Width	% Cr_2O_3	%Fe	% SiO_2	Remarks
S-401	9.0 ft.	2.25	7.40	41.62	Trench in chromite rich float. Alta No. 2 claim.
S-402	Grab	49.10	12.60	8.26	*From 500 lb. ore pile. Anchor A No. 1 claim.
S-403	2.0 ft.	7.05	6.0	26.70	Boulder in open cut. Bobcat No. 1 claim.

*Remnant of ore shipped which reportedly contained

12.23% Iron

2.66% Silica

35.22% Chrome

51.47% Cr_2O_3

ORE RESERVES

There are no measured or indicated reserves of chrome ore on the Alta, Anchor A, or Bobcat claims. Inferred reserves may total a few tons of ore in small pods of massive chromite and concentrations of disseminated chromite erratically distributed in the serpentine.

PROPOSED EXPLORATION

The applicant proposed to prospect the claims by bulldozing numerous shallow trenches in the easily excavated weathered serpentine. The applicant proposed to furnish the necessary labor and supplies and requested Government assistance in the purchase of a bulldozer. The estimated cost of a bulldozer suitable to perform the work is $6,000.

Past exploration has consisted of surface stripping and trenching by bulldozer. This work, involving the moving of many thousands of cubic yards of material, has yielded about 50 tons of chromite.

The chromite pods that constitute the target of the exploration are so small and erratically distributed that the cost of any type of surface or subsurface exploration is almost certain to exceed the value of the ore found.

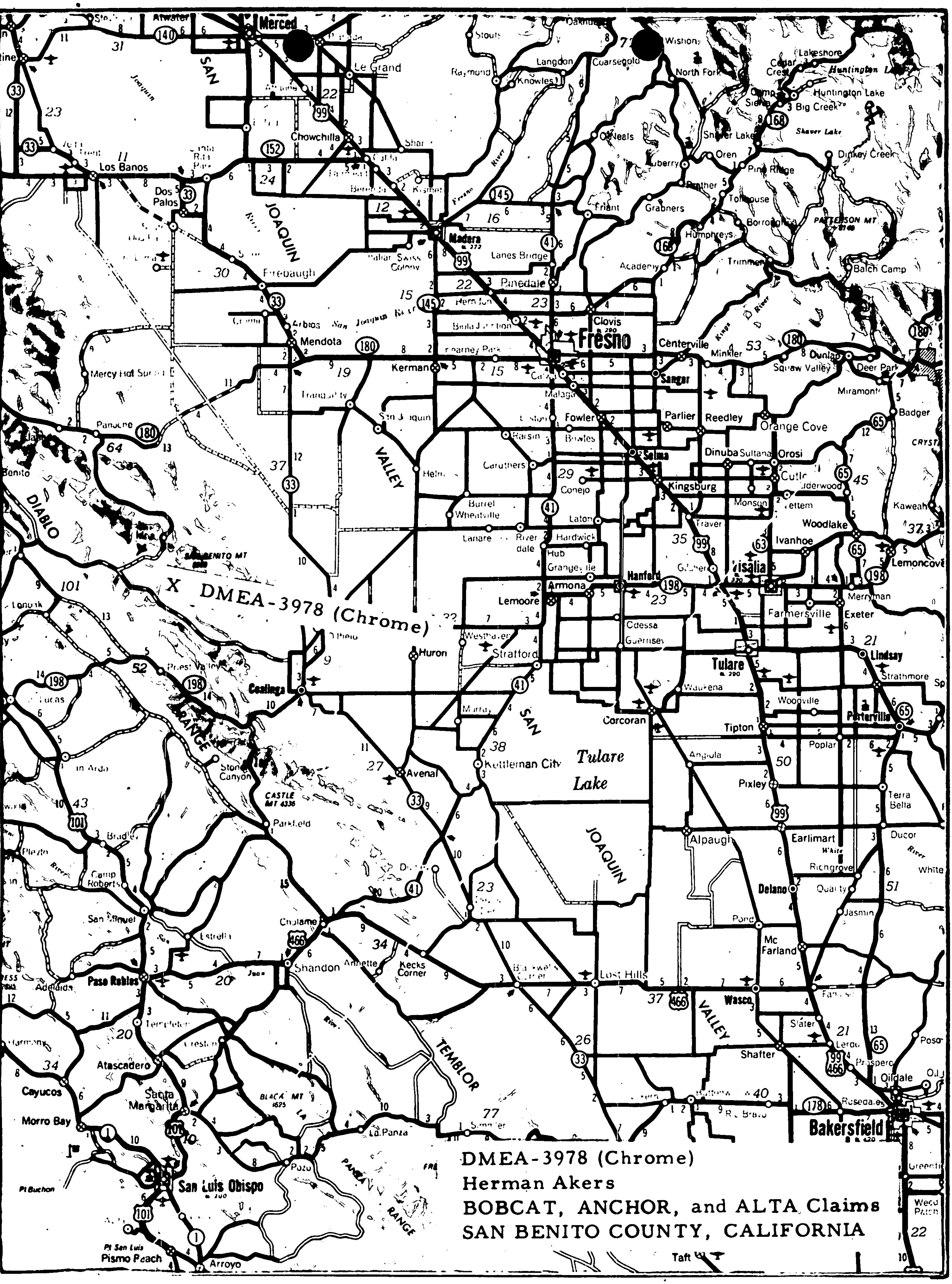
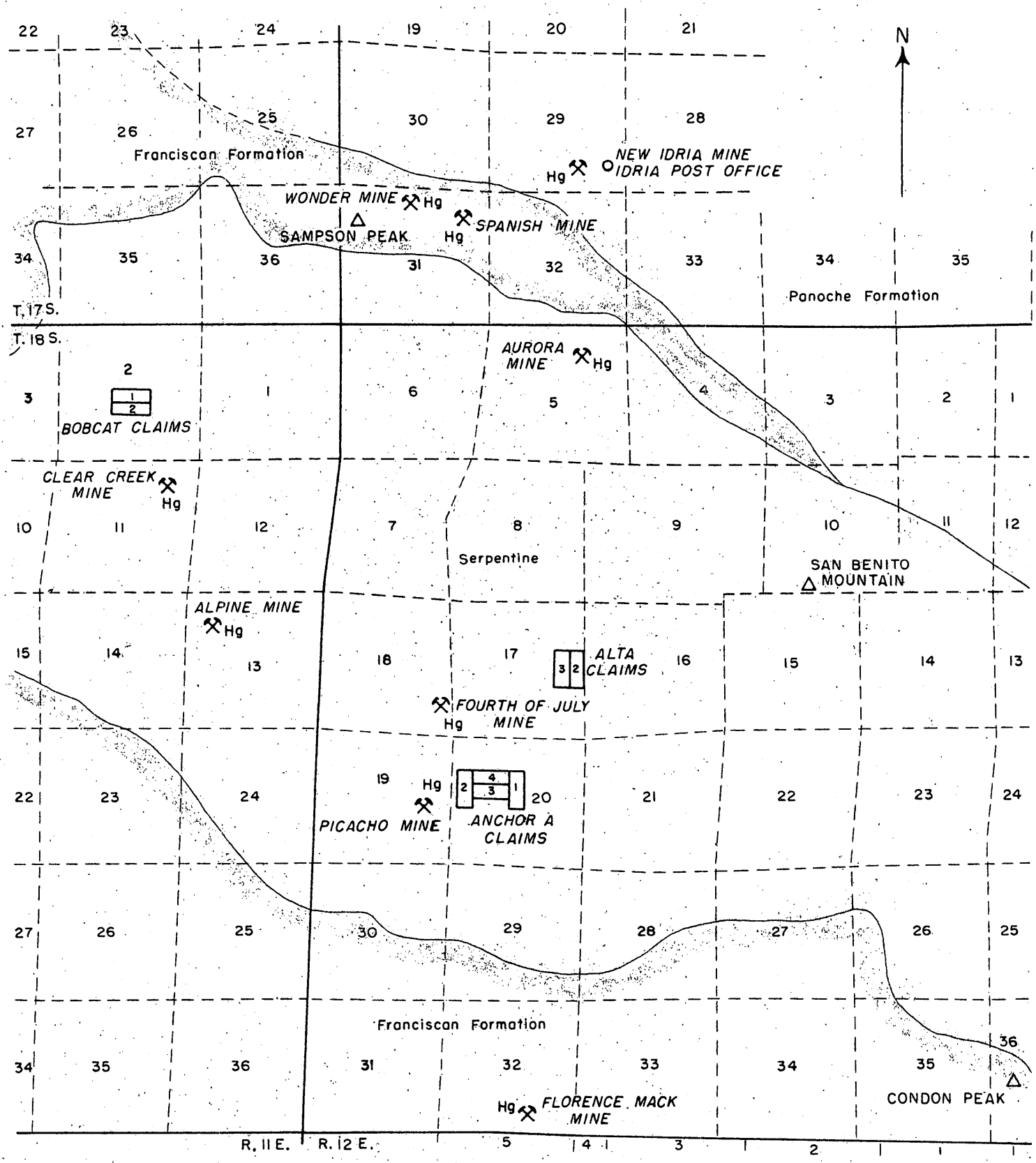


Fig. 1 LOCATION MAP CALIFORNIA

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA 3978
(CHROMITE)



SKETCH MAP OF THE BOBCAT, ANCHOR A, AND ALTA CLAIMS
SAN BENITO COUNTY, CALIFORNIA

5,000 0 5,000 10,000 FEET

Figure 2

400

DOCKET
Surname
Chapman
Martin
Selfridge
[illegible]

SEP 26 1955

Mr. Spangler Ricker, Executive Officer
DMEA Field Team, Region II
1605 Evans Avenue
Reno, Nevada

Re: Docket No. DMEA 3978 -Chrome
Herman Akers
Bobcat and Anchor claims
San Benito County, California

Dear Mr. Ricker:

The above-docketed application for exploration assistance is being referred to your office for a field examination of the property.

Two copies each of relevant memoranda, one dated September 15, 1955, by Wilmer McInnis, Bureau of Mines, and the other dated September 20, 1955, by N. E. Nelson, Geological Survey, are enclosed for your information.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (2/B)

Enclosures

APPROVED:

/s/ Robert W. Geehan (2/B)
Member, Bureau of Mines

N. E. Nelson (2/B)
Member, Geological Survey

cc: Docket
Adm. Read. File
Oper. Comm.
Code 400
T. Kiilsgaard, USGS
H. W. Davis, USBM
FT, Reg. 2

TLChapman/ls
9/26/55

R.C.h.

400

DOCKET
Surname:
Chapman
Martin
Selfridge
Johnson

SEP 26 1955

Mr. Herman Akers

San Benito, California

Re: Docket No. DMEA-3978, Chrome
Bobcat and Anchor claims
San Benito County, California

Dear Mr. Akers:

The above-docketed application for exploration assistance for chrome ores has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. Spangler Ricker, Executive Officer, DMEA Field Team, Region II, 1605 Evans Avenue, Reno, Nevada, for a field examination of the property.

Any assistance that you can give the Field Team will be appreciated.

Sincerely yours,

C. O. Mittendorf

Administrator

cc: Docket
Code 400
Adm. Read. File
Oper. Committee
T. Killsgaard, USGS
H. W. Davis, USBM
FT, Region 2

TLChapman/ls
9/26/55

R.G.S.

Docket

IN REPLY REFER TO:

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

RECEIVED SEP 1 - 1955

September 20, 1955

Re: DMEA 3978
Herman Akers
Bobcat & Anchor Claims
San Benito Co., Calif.
Chromite

Copy retained 200

WSM

Memorandum

To: W. S. Martin, Defense Minerals Exploration Administration

From: N. E. Nelson, U. S. Geological Survey

Subject: Review of application.

I have no information on the specific claims named in the application.

No work program is presented, but, from equipment asked for, stripping to find a vein is intended.

Perhaps such work could be contracted if, as stated, "there is lots of float and indications."

Referral to the Field Team is indicated and so recommended.

N. E. Nelson

N. E. Nelson

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

RECEIVED
SEP 1 3 1955

September 15, 1955

Memorandum

To: Chief, Iron and Ferroalloys Division, DMEA
Through Chief, Br. of Ferrous Metals and Ferroalloys

From: Commodity Specialist

Subject: DMEA Docket 3978 - Chrome
Herman Akers, San Benito, Calif.

This docket is so poorly prepared until it appears obvious that little would be accomplished by requesting additional information from the applicant. Therefore, I suggest that it be referred to the field team for examination.

W. McInnis

Copy retained 400

W. McInnis

cc: Br. of Ferrous Metals & Ferroalloys
Chrome files-Mr. McInnis
F i l e s

September 15, 1955

Subject: DMEA 3978
Re: Exploration Assistance
Bobcat Claims

Mr. Herman Akers,
San Benito, California

Dear Mr. Akers:

The receipt of your application dated September 6, 1955 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA 3978 and referred to the Iron & Ferro Alloys Division.

Kindly identify all future correspondence relating to your application by this docket number.

Sincerely yours,

Robert E. Adams, Chief
Operations Control and
Statistics Division

60932

September 15, 1955

Memorandum

To: Executive Officer, DMEA Field Team, Region II.

From: Chief, Operation's Control and Statistics Division

Subject: Assignment of Docket Number

There is listed below the assigned docket number to an application recently received from Region II.

DMEA- 3978 Herman Akers

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

R In Ea

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

RECEIVED
SEP 14 1955

1605 Evans Avenue
Reno, Nevada

September 9, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Chrome)
Herman Akers
Bobcat Claims
San Benito County, California

Attached are three sets of MF-103, Application for Aid forms relative to above subject. The fourth set has been retained in our files.

S. Ricker

Attach.

ORE DEPOSITS

The chromite bodies are small irregular pods and lenses containing from a few pounds to several tons of ore each. The largest pod mined was on the Anchor A No. 1 claim and contained 11 tons of chromite with an average grade of 53 percent Cr_2O_3. Much of the ore found on the claims was in the form of small boulders and masses of chromite that had weathered out of the serpentine and concentrated on the surface and in the gravel of nearby streams.

Chromite is the only ore mineral present. The principal gangue mineral is serpentine although thin films of the bright green chrome garnet (uvarovite) and the pink chrome-bearing chlorite (kammererite) occur in fractures and coating the chromite nodules.

Twenty tons of chromite was produced from the Alta No. 2 claim and was concentrated from about 100 tons of landslide material that contained disseminated chromite-bearing float. The Anchor A claims yielded about 25 tons and the Bobcat No. 1 claim yielded about 3 tons of nodular ore.

SAMPLING

There was no ore in place on the property. Three samples were taken to show the type of material that had been mined.

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

RECEIVED
SEP 14 1955

1605 Evans Avenue
Reno, Nevada

September 9, 1955

Memorandum

To: Operating Committee, DMEA, Interior Building
Washington 25, D. C.

From: Executive Officer, DMEA Field Team, Region II

Subject: Loan Application (Chrome)
Herman Akers
Bobcat Claims
San Benito County, California

dmea 3978

Attached are three sets of MF-103, Application for Aid forms relative to above subject. The fourth set has been retained in our files.

S. Ricker

Attach.

SRicker:gh
cc: File

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

RECEIVED
SEP 14 1955

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

Not to be filled in by applicant

Docket No. DMEA 3978
Metal or Mineral Chrome
Date Received ~~9-8-55~~ 9-14-55
Estimated Cost not given
Participation (Government %)

INSTRUCTIONS

1. *Name of applicant.*—(*a*) State here your full legal name, in the form in which you will wish to contract, and your mailing address: Herman Akers, San Benito, California

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

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

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

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

3. *Applicant's property rights.*—(*a*) State the legal description of the land upon which you wish to explore, including all land which you possess or control that may be benefited by the exploration, and excluding any land or interest in land which is not to be included in the exploration project contract Bobcat claims No. I&2, located in center of sec.2, twp.I8,S.R.I2E. ,Anchor A claims No.I,2,3,4, in the W½ofE½ sec.20,twpI8S R.I2E., Alta No. 2&3, in the E½,sec.I7,twpI8,S.R.I2E. All claims are located in the New Idria Mining district, San BenitoCounty.

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

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

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

(*e*) If you own the land, describe any liens or encumbrances on it None

(*f*) If the land consists of unpatented claims, add to the description above, the book and page numbers for each recorded location notice. Bobcat I&2 B.207 pg.474, & 207 pg.472., Anchor A I, B.203 pg.229, #2,B.203,pg.227,#3,B.205,pg.230,#4,B.205,pg.228.,Alta #2,B.2I2,pg.I60,#3,B.2I2

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

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

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

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

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

16—66551-1

4. a Some over burden moved, some 30 ton high grade ore assaying 5I.47% , in which I have a half interest. All claims are accessable in j jeep or pickup.
   b None
   c We wish to explore these claims as there are several leads showing, which should lead to a vein, as there is lots of float and indications, all found in serpentine. Iron content is low, 2.57%.
   d Access roads are good, distance to shipping point 35miles, and distance to mill 3 miles.
   e The availability of manpower, materials, supplies, water and power are good with the exception of equipment, which is the purpose of this loan to purchase equipment so we can develope it our selves.

5. d Three (3) years work in chrome, consisting of dozier work and prospecting, hauling and shipping.

6. Cost would run about $I0.00 per. day by doing the work myself.
   a None
   b None
   c Operating supplies will consist of fuel, gas, grease, about $I0.00 per. day.
   d Equipment to be purchased, One (I) used reconditioned garunteed H.D.6 Buldozier, with cabel controlled unit, aprox. price $6,000.00.
   e None
   f None
   g None
   h None

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

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

(*c*) The work will start within 30 days and be completed within 24 months from the date of an exploration project contract.

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

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

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

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

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

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

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

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

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

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

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

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

(*b*) How do you propose to furnish your share of the costs? By furnishing fuel, gas and grease, and all labor, and use of jeep owned by me.

☐ Money ☒ Use of equipment owned by you ☒ Other Labor

Explain in detail on acompanying paper.

CERTIFICATION

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

Dated Sept 6, 1955

Herman Akers
(Applicant)

By

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

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