DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 3263

DO NOT DETACH THIS SLIP

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

This document has been recorded as

Exploration 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.

1 cy to USBM, USGS, reg. & applicant.

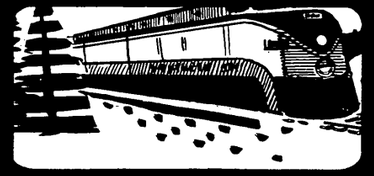
Routing Slip

To:	400	Date	2/23/54
To:	Oper Com	Date	3-3-54
To:	400	Date	3-4-54
To:	Oper Com	Date	5-21-54
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

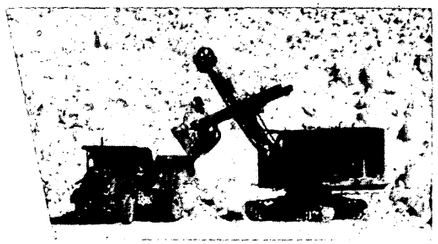
CONTROLLED DOCUMENT

CENTER

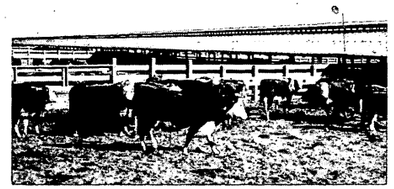


On the main line of transcontinental highway and rail travel, Lovelock is ideally situated half way between the Pacific Coast and the Intermountain area. Freight moves swiftly over the rails of Southern Pacific from the cattle loading chutes and ore bins, strategically located at Lovelock sidings. Fast service afforded by both truck and rail transportation is, in part, responsible for the successful marketing of perishable farm crops. Practically all major transcontinental truck lines ply U. S. Highways 40 and 95, filtering the business of the nation through this Nevada community. Greyhound and Burlington Bus Lines' major east-west schedules stop here day and night. A class 4 airport immediately south, along the highway adds greatly to travel facilities. Responsible, of course, for the ever growing tourist industry are U. S. highways 40 and 95. Transcontinental U. S. No. 40 carries a major load of coast-to-coast traffic, while U. S. 95 opens the vast travel lands of Canada and Mexico.

Mining, ranching, farming all play an important role in the economy of Pershing county, and in each instance modern machinery is utilized for production. Pit type mining of strategic metals and building materials is common, while mechanized equipment makes ranching a productive business. Even cattle feeding, which has lately grown to tremendous proportions, is conducted on a cafeteria feeding basis. Lovelock and Pershing county are typical of western progress in a land of real opportunity. For additional Information Write: PERSHING COUNTY CHAMBER OF COMMERCE, LOVELOCK, NEVADA.



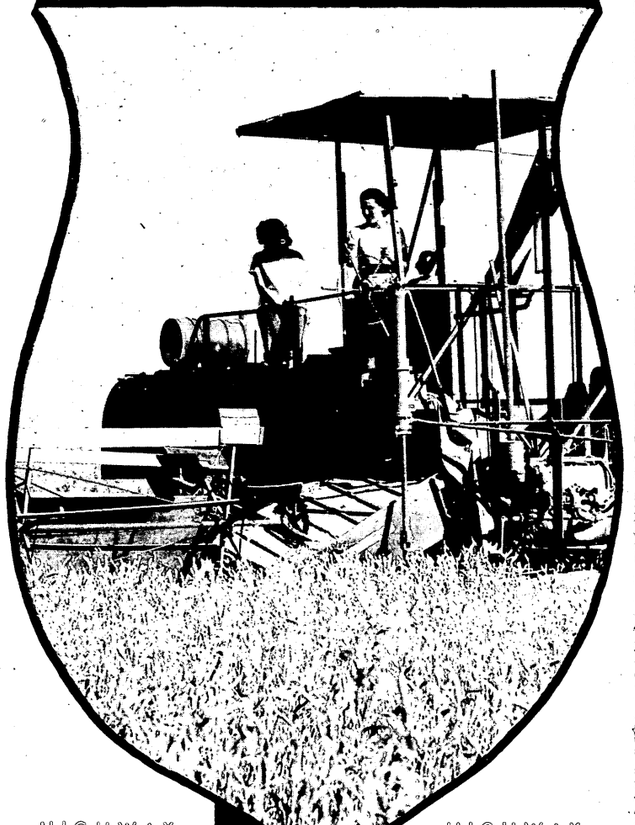
INDUSTRY



PERSHING COUNTY

NEVADA

U.S.



HIGHWAY 40

HIGHWAY 95

PERSHING COUNTY

NEVADA

U.S.

HIGHWAY 40

HIGHWAY 95

NEVADA OASIS

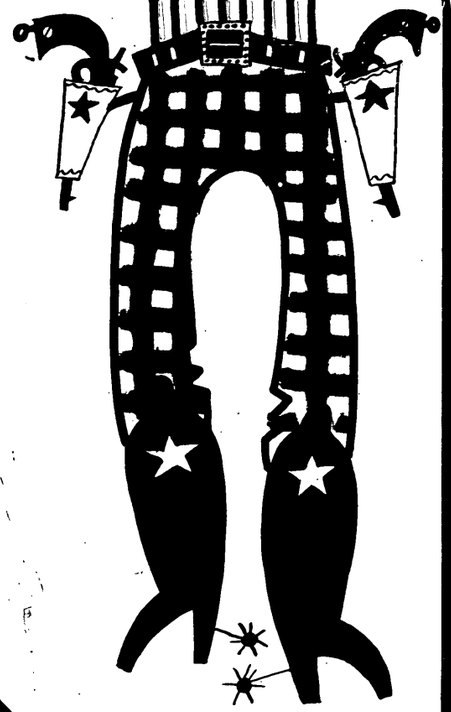
Footsore and weary from plodding two hundred miles down the Humboldt River, Forty-Niners paused in Lovelock Valley, then the Big Meadows, for a well earned rest.

Gaunt oxen and half starved horses gorged themselves on the luxuriant, belly-high grasses. The Pioneers themselves enjoyed the cool shade of Nevada's green oasis mending their gear and regaining strength for the next long desert trek. Those who tarried and eventually settled found more than gleaming gold! In the span of a century, this once wild desert oasis has become Nevada's Valley of the Nile. Forty thousand fertile acres, nurtured by the waters of the Humboldt harnessed behind the 185,000 acre feet storage facility of Rye Patch Dam, annually yield over $2,000,000 in alfalfa, wheat, barley, potatoes and onions.

The rugged Trinity Mountains, rising 4000 feet above the valley floor on the west and the lofty Humboldt range on the east, continue a steady yield of tungsten, gypsum, iron, mercury, gold, silver and antimony long after fabulous Mother Lode bonanzas have become history.

At mid-century, these mountains whisper of nickel, manganese, copper, arsenic, lead, perlite, kaolin, flourspar and pumice. In the green valley the whisper grows to a hum in livestock feeding, new crops and a bustling tourist industry.

WESTERN STYLE



LOVELOCK NATURAL

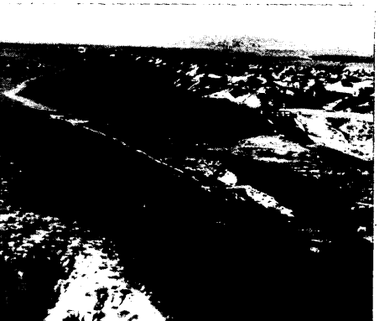
SAN FRANCISCO

STOPPING PLACE

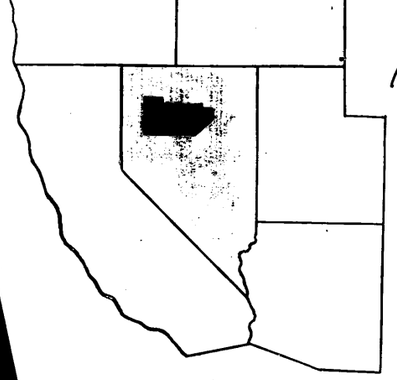
SALT LAKE CITY

LOVELOCK

NEVADA



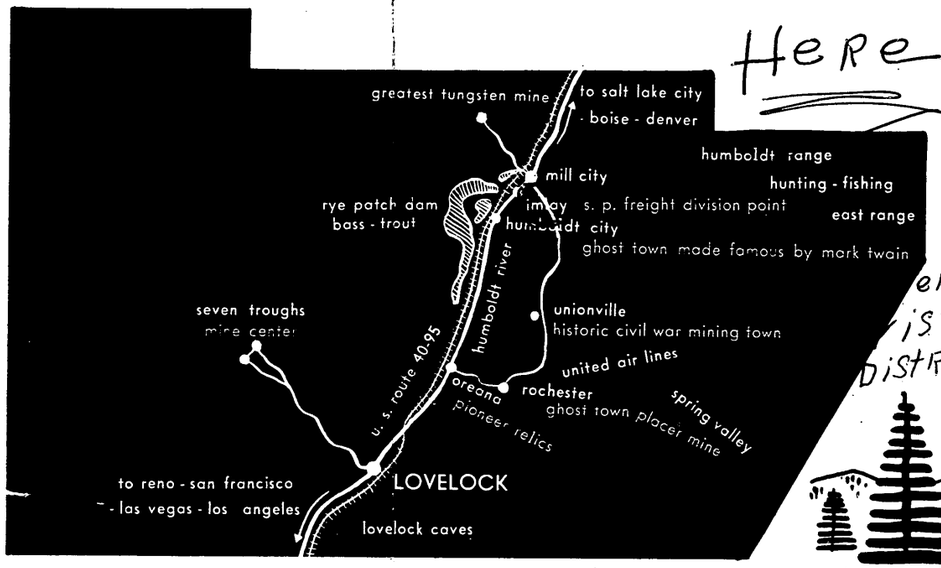
Precisely halfway in travel time between Salt Lake City and San Francisco, Lovelock, county seat of Pershing county, offers the best in tourist accommodations and recreation. Fifteen motels, four hotels, numerous cafes, garages and filling stations serve the thousands who travel U. S. Highways 40 and 95. Fine clubs, lounges and dance floors are popular with travellers as are Lovelock's municipal swimming pool and the fishing waters of Rye Patch dam.



MAP OF District.

PERSHING COUNTY NEVADA

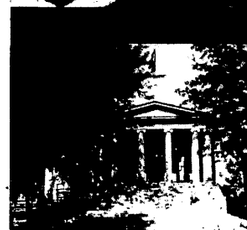
Here



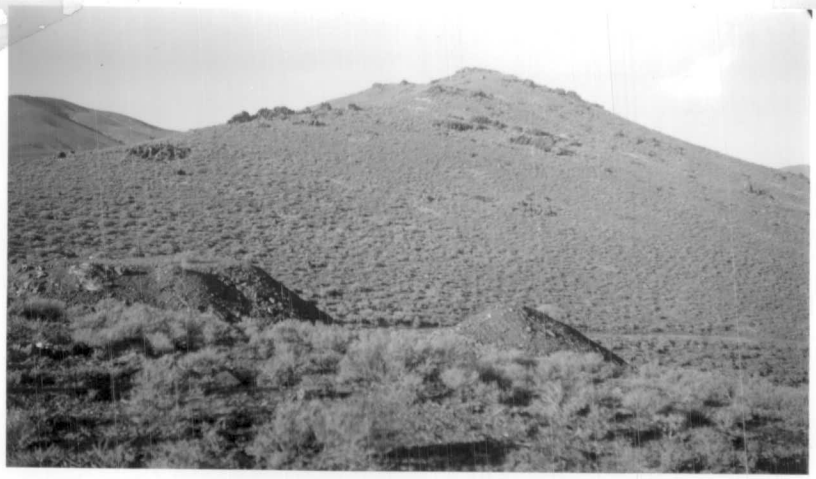
ent
ista
District.

Within the boundaries of Pershing county lies an area almost as large as the entire state of Rhode Island, but unlike its eastern counterpart, population is centered in Lovelock Valley. Here ranching and stock feeding compete with travel and transportation as major industries.

The wide back country continually produces strategic as well as precious minerals, thus making Lovelock a healthy trading center. Modern buildings set in wide expanses of green lawn and poplar and elm trees are, in themselves, an expression of the stability of this typical Nevada community. Good schools, fine churches and a hospital are as much a part of the community as are the stores and shops which generate its business activity.



PREPARED BY THE THOMAS C. WILSON ADVERTISING AGENCY
LITHOGRAPHED BY SILVER STATE PRESS



MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
RECEIVED
FEB 23 1954

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Pershing, described as follows:1/ 5 regulation mining claims consisting of 100 acres, held by location; in Buena Vista Mining District; on record at County Recorder's Office, Lovelock, Nevada; Book 15, Page 1; Book 15, Page 2; and Book 15, Page 6. File Nos. 40078, 40079, 40080, 40087.

situated in the Southeast 1/4 Section of Section 24; Township 30 N. Range 36 E.

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/ Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada, and William L. Sullivan, of Lovelock, Nev., and Baker, Oregon. And Lewis A. Williams, and Kathryn S. Williams, of 1610 Broadway, Burbank, California

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions

Dated this 15th day of Febuary, 1954.

Charles H. Chester [Seal] William L Sullivan

Mazie A. Chester [Seal]

L. A. Williams [Seal]

Kathryn S. Williams

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.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of 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) percent 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) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--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 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.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

Interior—Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
FEB 23 1954

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of ~~Nevada~~, County of ~~Pershing~~, described as follows: 1/ 5 regulation mining claims consisting of 100 acres, held by location; in Buena Vista Mining District, on record at the County Recorder's Office, Lovelock, Nevada: Book 15, Page 1; Book 15, Page 2; Book 15, Page 6. File Nos. 40078, 40079, 40080, 40087.
Situated in southeast 1/4 of Section 24; Township 30;N. Range 36 E.

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/ Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada, and William L. Sullivan, of Lovelock, Nev., and Baker, Oregon; and Lewis A. Williams, and Kathryn S. Williams, of 1610 Broadway, Burbank, California

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions _____

Dated this 15th day of February, 1954.

Charles H. Chester [Seal] William L. Sullivan
Mazie A. Chester [Seal]
L. A. Williams [Seal]
Kathryn S. Williams

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.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of 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) percent 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) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--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 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.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

Interior--Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

DEPARTMENT OF THE INTERIOR
Bureau of Mines Administration
RECEIVED
1 - 23 1954

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Pershing, described as follows:1/ 5 regulation mining claims, 100 acres, held by location. Buena Vista Mining District, on Record at County Recorders office, Lovelock, Nevada, Book 15, Page 1; Book 15, Page 2, Book 15, Page 6. Files Nos. 40078, 40079,40080,40087. Situated in south east 1/4 section of Section 24, Township 30 N. Range 36 E.

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/ Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada and William L. Sullivan, of Lovelock, Nev., and Baker Oregon. Lewis A. Williams, and Kathryn S. Williams, of 1610 Broadway, Burbank, California.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions

Dated this 15th day of February, 1954.

Charles H. Chester [Seal] William L Sullivan

Mazie A. Chester [Seal]

L. A. Williams [Seal]

Kathryn S. Williams

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.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of 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) percent 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) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--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 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.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

Interior--Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

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 Nevada, County of Pershing, described as

follows:1/ 5 regulation mining claims, 100 acres, held by location, Buena Vista Mining District, on Record County Recorder's Office, Lovelock, Nevada, Book 15, Page 1; Book 15, Page 2; Book 15, Page 6. File Nos. 40078, 40079, 40080, 40087. Situated in south east corner of Section 24, Township 30 N. Range 36 E.

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/ Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada, and William L. Sullivan, of Lovelock, Nev., and Baker, Oregon. And Lewis A. Williams, and Kathryn S. Williams of 1610 Broadway, Burbank, California.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions _____

Dated this 15th day of February, 1954.

Charles H Chester [Seal] William L Sullivan

Mazie A Chester [Seal]

L. A. Williams [Seal]

Kathryn S. Williams

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.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of 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) percent 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) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--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 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.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

Interior--Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

OWNER'S CONSENT TO LIEN

Recorded

WHEREAS, the undersigned, as owner, co-owner, lessor, or seller has an interest in certain property in the State of Nevada, County of Pershing, described as follows:1/ 5 regulation mining claims consisting of 100 acres, held by location, situated in Buena Vista Mining District, on Record at County Recorder's Office, Lovelock, Nevada; Book 15, Page 1; Book 15, Page 2; Book 15, Page 6. of Mining Records. File Nos. 40040078, 40079, 40080, 40087. Situated in South east corner of Section 24, Township 30 N. Range 36 E.

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/ Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada, and William L. Sullivan, of Lovelock, Nev., and Baker, Oregon; and Lewis A. Williams, and Kathryn S. Williams, of 1610 Broadway, Burbank, California.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions

Dated this 15th day of February, 1954.

Charles H. Chester [Seal] William L. Sullivan

Mazie A. Chester [Seal]

L. A. Williams [Seal]
Kathryn S. Williams

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.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of 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) percent 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) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--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 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.

d. Lien for Payment.--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.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

Interior--Duplicating Section, Washington, D. C. 47318

MF-203
(Revised July 1, 1953)

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 Nevada, County of Pershing, described as follows:1/ 5 regulation mining claims consisting of 100 acres, held by location; situated in Buena Vista Mining District, On Record at County Recorder's Office, Lovelock, Nevada; Book 15, Page 1; Book 15, Page 2; Book 15, Page 6; of Mining Records; File Nos. 40078, 40079, 40080, 40087; and situated in the South East corner of Section 24, Township 30 N; Range 36 E.

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/ Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada, and William L. Sullivan, of Lovelock, Nev., and Baker, Oregon; and Lewis A. Williams, and Kathryn S. Williams, of 1610 Broadway, Burbank, California.

hereinafter called the "Operator"; and

WHEREAS, under the provisions of said contract the Government is entitled to a percentage royalty on production (as set forth on the reverse side hereof) and to other rights and equities which do or may conflict with or be adverse to the rights of the undersigned:

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, there is hereby granted to the Government a lien upon the land above referred to and upon any production of minerals therefrom, until said royalty is fully paid or ten years have elapsed from the date of the contract, whichever occurs first.

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.

4. Changes and added provisions _____

Dated this 15th day of February, 1954.

Charles H. Chester [Seal] William L Sullivan

Mazie A. Chester [Seal]

L. A. Williams [Seal]
Kathryn S Williams

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.

Repayment by Operator.--a. Certification.--If at any time the Government considers that a discovery or 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 final report and final account, may so certify in writing to the Operator. Such certification shall describe broadly or indicate the nature of the discovery or development.

b. Percentage royalty.--The Operator, or his successor in interest, shall pay to the Government a royalty on all minerals mined or produced from the land described in Article 2,--(1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification of discovery or development, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first, unless the Government waives its right to a royalty; or (2) if the Government makes a certification of discovery or development, for a period of ten years (or other period fixed by the contract) from the date of the contract, or until the total net amount contributed by the Government, without interest, is fully repaid, whichever occurs first. Said royalty shall be a percentage of 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, as follows:

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

(b) One and one-half (1½) percent of any such net amounts, plus one-half (½) percent of 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) percent 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) percent; on a net amount of ten dollars ($10.00) per ton, three and one-half (3½) percent.)

c. Definitions.--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 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.

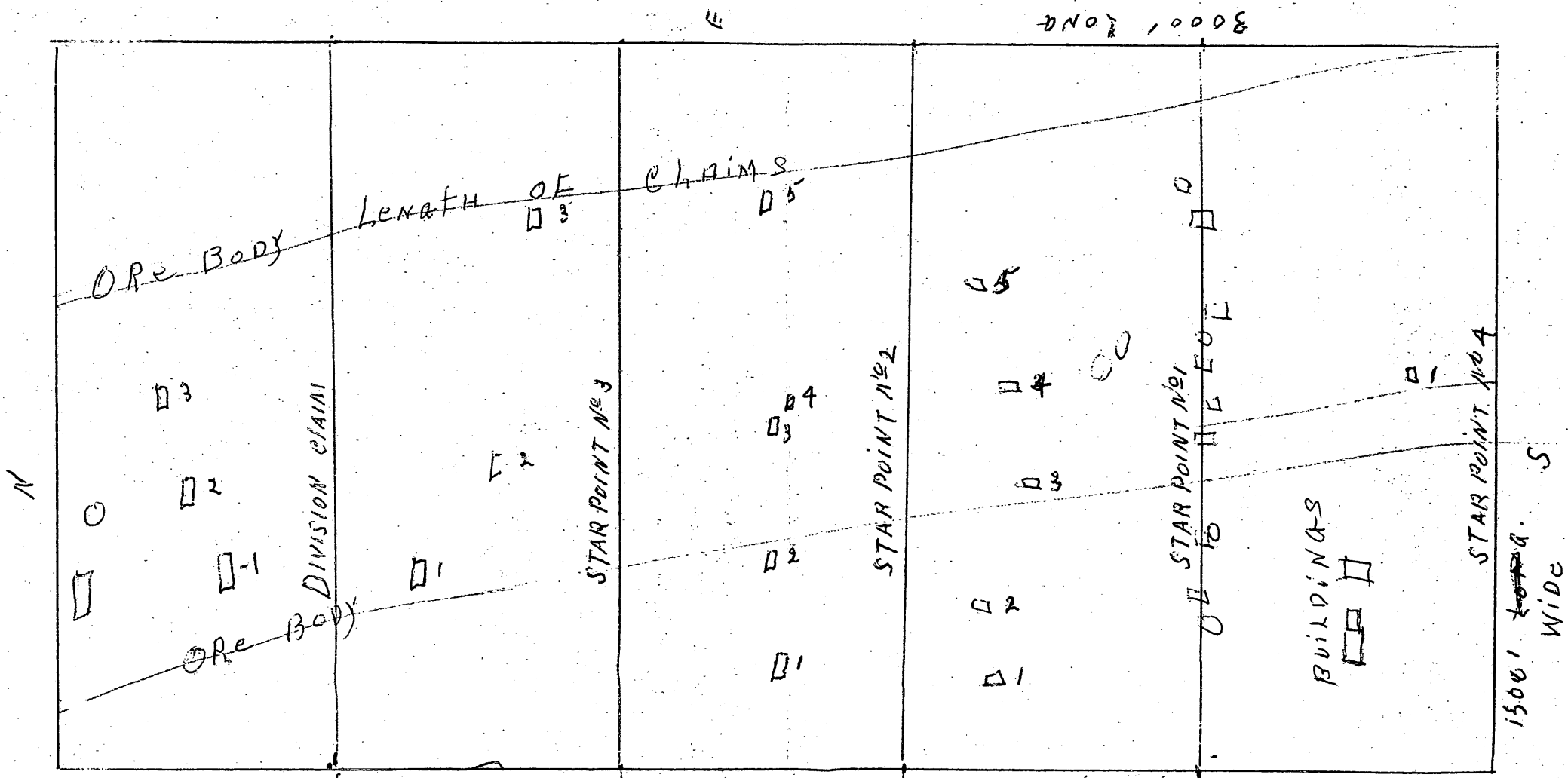
d. Lien for Payment.--To secure the payment of its percentage royalty, the Government shall have and is hereby granted a lien upon the land described in Article 2 and upon any production of minerals therefrom, until the royalty claim is extinguished by lapse of time or is fully paid.

e. Notice to Purchasers.--The Operator shall notify any purchaser of the production of the Government's royalty interest, and shall authorize and direct the purchaser to pay the royalty directly to the Government and to furnish the Government with copies of the settlement sheets; but failure or refusal by the purchaser to comply shall not relieve the Operator of liability to pay any royalty falling due.

f. No Obligation to Produce.--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.

Interior—Duplicating Section, Washington, D. C.

47318



No1 Tunnel 60'
No2 " 48'
No3 " 26'

No1 Tunnel 10'
No2 Cut 8'
No3 " 12'

No1 Tunnel 83'
No2 " 28'
No3 " 50
No4 incline 35'
No5 Tunnel 70'
Winze in No3 50'

No1 Tunnel 40'
No2 " 29'
No3 " 15'
No4 " 32'
No5 " 15

No1 Location Hole

400

FILE COPY
SURNAME:

Martin
Davis
Hedges
Stephens
Johnson

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

NOV 25 1953

Hon. George W. Malone
United States Senate
Washington 25, D. C.

My dear Senator Malone:

Your letter of November 12, 1953, transmitting a copy of a letter from Mrs. Ines Gilbert-Butler of Lovelock, Nevada, asked us whether it would be possible to have Government engineers investigate her property as she requests.

Enclosed is a copy of our letter of today referring Mrs. Gilbert-Butler to Mr. H. C. Miller, Executive Officer of our Field Team for Region III and also Regional Director for the U. S. Bureau of Mines. Mr. Miller will arrange a mutually agreeable time for an examination of the property as soon as we receive Mrs. Gilbert-Butler's application for exploration aid for cobalt.

The Mr. William New discussed in the above-mentioned correspondence is not, as you will note, an employee of the U. S. Bureau of Mines.

Sincerely yours,

O. O. Mittendorf

Administrator

Enclosure

cc: Docket
FT, Reg. 3
Code 400
Adm. Reading File
Phillip Guild, USGS
H. W. Davis, USBM

WSMartin/ls
11/24/53

Amen 3263

HHR 11-25-53

FILE COPY
SURNAME:

Martin
Davis
Thayer

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

Hon. George W. Malone
United States Senate
Washington 25, D. C.

My dear Senator Malone:

This will acknowledge receipt of your letter of November 12, 1953, with attached copy of a letter from Mrs. Inez Gilbert-Butler of Lovelock, Nevada, asking us whether it would be possible to have Government engineers investigate her property as she requests.

Enclosed is a copy of our letter of today referring Mrs. Gilbert-Butler to Mr. H. C. Miller, Executive Officer of our Field Team for Region III and also Regional Director for the U. S. Bureau of Mines. Inasmuch as it will be necessary to arrange a mutually agreeable time for an examination of the property, we suggested that she apply directly to Mr. Miller.

The Mr. William New discussed in the above-mentioned correspondence is not, as you will note, an employee of the U. S. Bureau of Mines.

Sincerely yours,

Administrator

Enclosure

CC: Docket
FT, Reg. 3
Code 400
Adm. Read. File
Phillip Guild, USGS
H. W. Davis, USBM

WSMartin/ls
11/18/53

Bill Martin

You should see this. Believe letter can be improved upon. I am not sure but what B of M might send out a man from Reno — even though we can not — You might touch base with Zinner — as he has been working rather closely with Sen Malone

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

Not used

Hon. George W. Malone
United States Senate
Washington 25, D. C.

My dear Senator Mansfield:

This will acknowledge receipt of your letter dated November 12, 1953, enclosing a letter received from Mrs. Inez Gilbert-Butler, in which she requests information as to the possibility of government engineers investigating property located in Pershing County, Lovelock, Nevada, for new sources of metals and minerals.

The Defense Minerals Exploration Administration can grant financial assistance for exploration projects which, as deemed necessary, includes an on-site examination by the DMEA Field Teams made up of engineers and geologists from the Bureau of Mines and Geological Survey. However, it is first requested that an application setting forth a firm program for exploration be submitted to this Agency.

Enclosed you will find a set of application forms, MF-103 (Revised), and the mineral order, "DMEA Order-1", as amended, which explains in detail the Defense Minerals Exploration Program.

If we can be of further assistance, please do not hesitate to call upon us.

Sincerely yours,

Administrator

Enclosures 2

R E Adams/mel
11-13-53

HUGH BUTLER, NEBR., CHAIRMAN
EUGENE D. MILLIKIN, COLO.
GUY CORDON, OREG.
GEORGE W. MALONE, NEV.
ARTHUR V. WATKINS, UTAH
HENRY C. DWORSHAK, IDAHO
THOMAS H. KUCHEL, CALIF.
FRANK A. BARRETT, WYO.
JAMES E. MURRAY, MONT.
CLINTON P. ANDERSON, N. MEX.
RUSSELL B. LONG, LA.
GEORGE A. SMATHERS, FLA.
EARLE C. CLEMENTS, KY.
HENRY M. JACKSON, WASH.
PRICE DANIEL, TEX.
KIRKLEY S. COULTER, CHIEF CLERK

Martin 5284

DMEA File

United States Senate

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1953

November 12, 1953

Mr. C. O. Mittendorf
Administrator of DMEA
Department of the Interior
Washington 25, D. C.

Dear Mr. Mittendorf:

Enclosed is a copy of a letter received from Mrs. Inez Gilbert-Butler.

It would be appreciated if you would let us know whether it would be possible to have government engineers investigate this property as requested by Mrs. Butler.

Your cooperation is very much appreciated in this matter.

Sincerely yours,

George W. Malone

GEORGE W. MALONE

Lovelock, Nevada

DEPT. OF THE INTERIOR
Defense Minerals Administration
RECEIVED
NOV 12 1953

Mr. George W. Malone, Senator
House of the Senate
Washington, D. C.

Dear Molly:

I am back in Lovelock again, as this Pershing County is definitely the richest country in the West in its natural resources, non-metallic as well as the metallics. I have a lady Geologist partner who really knows her rocks, and we own a big Cobalt, copper, silver deposit that really looks like it would be a big producer.

The Cobalt averages run from appx. 2% to over 4%, and copper averages from 9.58% to 15/26%. Of course the Snelters are eager to get our copper ore, but most of them do not pay for the Coblat, which of course is of great importance to our country. As you know, every miner is very patriotic, and each one of us wishes to produce something that will be of great benefit to our Country. I wish to make the best of this Cobalt.

Why it is that we cannot get any help from the U. S. Bureau of Mines, or other Government Agencies in regards to the Rare Minerals of this State? We called upon Mr. Bill New, Engineer at the Bureau of Mines in Reno, he made an appointment with us, but did not show up on that date. We have asked for Cobalt, and other analyses and have been told that they "could not compete with the commercial assayers." It takes a lot of money out of the pockets of the small miners to get all these assays, especially when we need Spectrographic tests, and analysis on the Rare Minerals, and this money we should spend in the development of our properties.

We have this Cobalt, also Titanium ores, which we know to be of the greatest importance to our Country right now. And those deposits are very large. We would enjoy some help from the Government. Our Cobalt-copper deposit should be drilled. I can assure you that if an engineer was to inspect our property he would find it much in comparison to the Blackbird Cobalt Mine, operated by the Howe Sound Group, at Cobalt, Idaho. The Governoment drilled that deposit.

Please advise us, what ~~we~~ must we do to get some action here? I shall personally appreciate any advise that you can pass on to me.

Always, your friend,

/s/ Inez Gilbert-Butler

Inez Gilbert-Butler

[illegible] 1953

we were prepared to show him a very large Cobalt-copper deposit that we know may some day be of the greatest impostance to this State. We also should like to have him visit this big Rare minerals deposit where the Titanium is found.

Is there another Government Engineer which might be sent in to inspect these two deposits? Two Smelters have assayed the ores from the Cobalt-copper mine, and want our ore, but we want to be paid for the cobalt. We should like to know also, if there is still a Government bonus on Cobalt. Also, is it possible to get our Titanium ore reduced at the Henderson Plant near Las Vegas?

Any help or advise which you could give us on this/these questions would be greatly appreciated.

I am, greatfully yours,

/s/ Mrs. Charles Chester

320

Mails & Files

400

FILE COPY
SURNAME:

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

Hopkins
WSMartin
HL Johnson

NOV 9 1953

Hon. George W. Malone
United States Senate
Washington 25, D. C.

My dear Senator Malone:

This acknowledges receipt of your letter of November 3, 1953, with attached copy of a letter from Mrs. Charles Chester of Lovelock, Nevada, in which you ask us whether it would be possible to have Government engineers investigate Mrs. Chester's mineral deposit as she requests.

Enclosed is a copy of our letter of today to Mrs. Chester, explaining how to apply to the Government for assistance to explore for cobalt on her property, and outlining in a very general way our procedure for determining whether or not Government participation in the project is justified.

Ordinarily an application for Government assistance is first reviewed here in this office, in cooperation with the commodity specialists of the Bureau of Mines and the Geological Survey, and then, if our review indicates that the prospect seems to have merit, the application is referred to the DMEA Field Team with a request for a field examination to determine whether the proposed work program is appropriate.

Because of your expressed interest in the matter, we will advise you if an exploration application is received from Mrs. Chester and as to any subsequent disposition of such an application.

Sincerely yours,

Chas. M. Meadors (fw)

Administrator

Enclosure

JHopkins/WSMartin/ls 11/6/53

cc: Mails & Files
Adm. Read. File
Code 400
Field Team, Reg. 3

RCB 11-9-53

HUGH BUTLER, NEBR., CHAIRMAN
EUGENE D. MILLIKIN, COLO.
GUY CORDON, OREG.
GEORGE W. MALONE, NEV.
ARTHUR V. WATKINS, UTAH
HENRY C. DWORSHAK, IDAHO
THOMAS H. KUCHEL, CALIF.
FRANK A. BARRETT, WYO.
JAMES E. MURRAY, MONT.
CLINTON P. ANDERSON, N. MEX.
RUSSELL B. LONG, LA.
GEORGE A. SMATHERS, FLA.
EARLE C. CLEMENTS, KY.
HENRY M. JACKSON, WASH.
PRICE DANIEL, TEX.
KIRKLEY S. COULTER, CHIEF CLERK

Mails & Files

Department of the Interior
Defense Minerals Administration
RECEIVED
NOV 4 1953

United States Senate

COMMITTEE ON
INTERIOR AND INSULAR AFFAIRS

November 3, 1953

WSM

Mr. C. O. Mittendorf
Administrator of DMEA
Washington 25, D. C.

Dear Mr. Mittendorf:

Enclosed is copy of letter received today from Mrs. Charles Chester of Lovelock, Nevada.

See file

It would be appreciated if you would study this letter and let us know whether it would be possible to have government engineers investigate this property as requested by Mrs. Chester.

Thanking you for your cooperation in this matter, I am

Sincerely yours,

GEORGE W. MALONE

400 FILE COPY
SURNAME:

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

Hopkins
Martin
H. Johnson

NOV 9 1953

Mrs. Charles Chester
Pershing Hotel
Lovelock, Nevada

Dear Mrs. Chester:

Your letter of October 30, 1953, to Hon. George W. Malone, has been referred to the Defense Minerals Exploration Administration for appropriate action.

The United States Government through this Administration grants assistance to individuals for the exploration of strategic minerals on a participating basis as outlined in the attached mineral order, DMEA Order-1, and amendments.

In the case of cobalt, the Government grants assistance to a maximum of 75 percent of the estimated exploration costs on approved projects, the money to be repaid from income on future production.

If you are interested in participating in an exploration program, we suggest that you complete and return to us four copies of Form MF-103 and six copies of Form MF-203, both of which are enclosed.

An application for Government assistance is first reviewed by engineers in the Washington Office. If our review indicates that the prospect seems to have merit, the application is referred to the DMEA Field Team in the region where the property is located for a field examination.

The United States Government through the Emergency Procurement Service, General Services Administration, Washington 25, D. C., purchases cobalt in the open market for the National Stockpile. We know of no bonus that is being paid on these purchases.

With regard to having titanium ore reduced at the Henderson plant near Las Vegas, Nevada, we might suggest that you apply to the operators of that titanium reduction plant: Titanium Corporation of America, Henderson, Nevada.

Sincerely yours,

C. O. Mittendorf (for)

Administrator

cc: Mails & Files
Adm. Read File
Code 400
Field Team, Reg. 3

JHopkins/ls 11/6/53
Enclosures

Copy to: Hon. George W. Malone
United States Senate
Washington 25, D. C.

R.C.G. 11-9-53

C
O
P
Y

Pershing Hotel
Lovelock, Nevada
October 30, 1953

RECEIVED
1953

Senator George Malone
Washington, D. C.

Dear Mr. Malone:

I should like to call your attention to a large deposit of Rare Minerals, containing Titanium, which we have near Jungo, not far from Lovelock. This deposit has a vast tonnage which could be mined with the 'open pit' methods, and would supply much of the very important, and much needed Titanium. It contains also several other minerals and elements required in the strategic industry of today.

I would like to quote from an analyses and spectrographid test made by the John Herman laboratory for your information:

Titanium, Strontium, Cobalt, Chromium, Gallium, Nickel, Silver, Vanadium, Copper, Manganese, Boron, Potassium, and others.

There are nineteen different metals and minerals combined in this ore, and there is over a million tons of this ore in sight at the present time. I have been trying to get some help on this from the University and the U. S. Bureau of mines, but apparently these agencies are not created for the purpose of helping the "little miner."

We have been told that they "could not help us -- as they were not allowed to compete with the assayers." We attempted to get an ahalysis on a high-grade Cobalt sample, without result.

I had an appointment set up with Mr. William New, at the Bureau of mines, and he promised to meet me here in Lovelock at the Pershing Hotel the following day, but he failed to show. I know that Mr. New is a very good engineer, and wise in these Rare minerals, and that he was instrumental in getting much help for the Blackbird Cobalt Mine near Cobalt, Idaho. He could be useful here. I am sorry that he did not arrive here because

400

Docket
Martin
Guild
Davis
Hedges
Selfridge
Jones

MAY 2 4 1954

Mr. Charles H. Chester
4th and Dartsmouth Streets
Lovelock, Nevada

Re: Docket No. DMEA 3263 - Cobalt-Copper
Star Point Cobalt Mine
Pershing County, Nevada

Dear Mr. Chester:

Your application for exploration assistance on the above-referenced project and other information available to us in Washington have been carefully 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 all our information, although noting a small amount of copper mineralization on your property, indicates to us that the probability of disclosing minable copper ore reserves by your proposed program is not sufficiently promising to justify Government participation. No cobalt minerals were identified and no trace of cobalt was found in our samples. We regret to advise you, under these circumstances, that your application for exploration assistance is denied.

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

Sincerely yours,

C. O. Mittendorf

Administrator

cc: DOCKET
CODE 400
FIELD TEAM, REG. III
OPER. COMM.
H. W. DAVIS, USBM
P. W. GUILD, USGS
ADM. READ. FILE

JHopkins/ls 5/18/54

File
Martin
Guild
Davis
Hedges
Selfridge
Hyman

MAY 24 1954

Hon. George W. Malone
United States Senate
Washington 25, D. C.

My dear Senator Malone:

On November 3 and 12, 1953, respectively, you sent us copies of letters addressed to you by Mrs. Charles Chester and Mrs. Inez Gilbert-Butler of Lovelock, Nevada, and in each instance you asked if it would be possible to have Government engineers investigate a prospect owned by a partnership including the two ladies named. The prospect is called the Star Point cobalt mine, Pershing County, Nevada (our Docket No. 3263 - Cobalt-Copper).

Under date of November 9, 1953, we wrote to you that because of your expressed interest in the matter you would be advised if Mrs. Chester requested exploration aid from us and as to any subsequent disposition of such an application. Mr. Chester's application of February 17, 1954, was referred on March 4, 1954, to our Executive Officer, Region III, for a field examination of the property, and the Field Team report was received here May 10, 1954.

Careful study of all our information shows that a small amount of copper mineralization can be found at the property, but no cobalt minerals were identified and no trace of cobalt was found in our samples. All our findings indicate that the probability of disclosing minable ore reserves by the proposed program is not sufficiently promising to justify Government participation, and we so notified Mr. Chester by letter today.

Sincerely yours,

E. O. Mitterdorf

Administrator

cc: DOCKET
CODE 400
ADM. READ. FILE
H. W. DAVIS, USBM
P. W. GUILD, USGS

FIELD TEAM, REGION III
OPER. COMM.

WSMartin/ls
5/18/54

DocKET

IN REPLY REFER TO:

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

May 20, 1954

Memorandum

Re: DMEA-3263
Star Point Mine, Pershing County, Nevada
$76,411
Cobalt-Copper

mrs. Chas Chester

WBM

To: Mr. W. S. Martin, DMEA

From: E. L. Newcomb, USGS

Subject: Concurrence with Field Team denial

The applicant proposes extensive crosscutting and drifting on his property to explore for cobalt and copper mineralization.

The field team has examined the Star Point claims and has recommended the application be denied copper or cobalt exploration assistance.

Several surface pits and short adits have been opened up on the property without disclosing any significant mineralization. Sparse amounts of secondary copper mineralization occur in association with narrow, non-persistent quartz veins and fracture zones. However, none of these ore exposures contain sufficient amounts of copper or cobalt to justify the proposed exploration work.

The nature of the copper deposits and the trace amounts of cobalt in the field team samples indicate that a significant ore discovery is unlikely to be found by the proposed underground exploration.

I concur with the field team's recommendation that the application be denied copper and/or cobalt DMEA assistance.

E. L. Newcomb

E. L. Newcomb
Geologist

400 wrote denial 5/18/54

Copy retained 403

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

May 18, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $76,411.00
Docket No. DMEA 3263 - Cobalt and Copper
Charles H. Chester, et al.
Star Point Cobalt Mine
Pershing County, Nevada

The denial of the subject application by this Division is based on the following information:

(1) The rocks in the area are quartzite and minor interbedded shales and metavolcanic rocks of Carboniferous age that have been gently folded and faulted.

(2) The rocks are cut by fractures and barren quartz veins that range in width from a few inches to 8 feet and in strike length from 10 to about 100 feet. One other quartz vein known as the "Copper" vein contains copper minerals. It ranges in width from 1 to 10 inches and extends down the dip for 11 feet and along the strike for 12 feet. It is inferred to extend about 30 feet along the strike. This is the most important mineral showing on the property.

(3) Other mineral showings are in fracture zones up to 1/8 inch wide that contain secondary copper minerals. The ore minerals are chrysocolla, azurite, malachite, and cuprite. No cobalt minerals were identified and samples contained no trace of cobalt.

(4) There are no ore reserves of any class on the Star Point property. Assay data of samples taken by the examiners are as follows:

Sample No.	Width Feet	% Cu	% Co	Oz. per ton Au.	Ag	Location
243	2.0	2.80	0.01*	0.005	Tr.	No. 1 adit
244	2.5	4.87	0.01*	0.005	Tr.	No. 1 adit
245	3.4	2.39	0.01*	0.005	Tr.	No. 1 adit
246	2.5	3.69	0.01*	0.005	0.10	Copper vein
247	Selected	5.25	0.01*	0.005	0.10	Copper vein dump
249	grab	3.30	0.01*	0.02	0.50	1½ ton stockpile
250	grab	1.63	0.01*	0.005	0.10	½ ton stockpile

* = less than

(5) Past production is reported to be one car lot that returned $10,000.00. This could not be verified.

(6) As the Copper vein is narrow and non-persistent and contains very little evidence of leaching, and as the secondary copper minerals are not found in minable concentrations, the Field Team concludes that there is little chance of discovering an ore body of significant size, and considers the likelihood of a commercial cobalt deposit is non-existent. The Field Team, therefore, recommends denial.

(7) The Commodity Divisions of the Bureau of Mines and Geological Survey concur in the denial.

W S Martin

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

Docket
Martin
Guild
Davis

May 18, 1954

MEMORANDUM

To: Administrator, DMEA

From: Iron and Ferro-Alloys Division, DMEA

Subject: Denial of exploration project in the amount of $76,411.00
Docket No. DMEA 3263 - Cobalt and Copper
Charles H. Chester, et al.
Star Point Cobalt Mine
Pershing County, Nevada

The denial of the subject application by this Division is based on the following information:

(1) The rocks in the area are quartzite and minor interbedded shales and metavolcanic rocks of Carboniferous age that have been gently folded and faulted.

(2) The rocks are cut by fractures and barren quartz veins that range in width from a few inches to 8 feet and in strike length from 10 to about 100 feet. One other quartz vein known as the "Copper" vein contains copper minerals. It ranges in width from 1 to 10 inches and extends down the dip for 11 feet and along the strike for 12 feet. It is inferred to extend about 30 feet along the strike. This is the most important mineral showing on the property.

(3) Other mineral showings are in fracture zones up to 1/8 inch wide that contain secondary copper minerals. The ore minerals are chrysocolla, azurite, malachite, and cuprite. No cobalt minerals were identified and samples contained no trace of cobalt.

(4) There are no ore reserves of any class on the Star Point property. Assay data of samples taken by the examiners are as follows:

Sample No.	Width Feet	% Cu	% Co	Oz. per ton Au.	Ag	Location
243	2.0	2.80	0.01*	0.005	Tr.	No. 1 adit
244	2.5	4.87	0.01*	0.005	Tr.	No. 1 adit
245	3.4	2.39	0.01*	0.005	Tr.	No. 1 adit
246	2.5	3.69	0.01*	0.005	0.10	Copper vein
247	Selected	5.25	0.01*	0.005	0.10	Copper vein dump
249	grab	3.30	0.01*	0.02	0.50	1½ ton stockpile
250	grab	1.63	0.01*	0.005	0.10	½ ton stockpile

* = less than

(5) Past production is reported to be one car lot that returned $10,000.00. This could not be verified.

(6) As the Copper vein is narrow and non-persistent and contains very little evidence of leaching, and as the secondary copper minerals are not found in minable concentrations, the Field Team concludes that there is little chance of discovering an ore body of significant size, and considers the likelihood of a commercial cobalt deposit is non-existent. The Field Team, therefore, recommends denial.

(7) The Commodity Divisions of the Bureau of Mines and Geological Survey concur in the denial.

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

CC: DOCKET
ADM. READ. FILE
CODE 400
OPER. COMM.

JHopkins/ls
5/18/54

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

MAY 1954

1012 Flood Building
870 Market Street
San Francisco 2, Calif.

May 5, 1954

WSM

Memorandum

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

From: Executive Officer, DMEA Field Team, Region III

Subject: Docket No. DMEA-3263 (Cobalt-Copper)
Star Point Cobalt Mine
Pershing County, Nevada

Reference is made to your letter dated March 4, 1954, requesting a field examination of the subject property.

Attached are four copies of a report entitled "DMEA-3263, Star Point Cobalt Mine, Pershing County, Nevada, Cobalt-Copper," by George H. Holmes, Jr., and Henry W. Jones, Mining Engineers, U. S. Bureau of Mines, and Roscoe M. Smith, Geologist, U. S. Geological Survey, dated April 29, 1954.

According to the examining engineers and geologist, the principal ore body at the Star Point cobalt-copper mine is a copper-bearing quartz vein called the "Copper" vein, which strikes north and dips 50° west, and is exposed in a surface cut 11 feet deep. The vein ranges in width from 1 to 10 inches and has been followed along the strike for about 12 feet and down the dip 11 feet. It could not be traced along the surface but it is inferred to extend about 30 feet along the strike. Other ore bodies - found in the No. 1 adit - are fracture zones as much as 5 feet wide in the sedimentary rocks. The fractures contain secondary copper minerals in seams up to 1/8 inch wide. Mineralized fractures occur in all attitudes, but are commonly parallel with the bedding or parallel with strong fracture zones. Where fractures are closely spaced the rock may contain copper in commercial amounts. Several of the numerous prospect pits also reveal fractured rock containing a little copper stain along the fractures.

Thru OC
5-14-54

The ore minerals are chrysocolla, azurite, malachite, and cuprite. They occur principally in fractures in the quartz, but also occur in fractures in the underlying quartzite and shales. No cobalt minerals were identified.

As the Copper vein is narrow and non-persistent and contains very little evidence of leaching, and as the secondary copper minerals are not found in minable concentrations, the field team representatives conclude that there is little chance of discovering an ore body of significant size. They consider that the likelihood of a commercial cobalt deposit is non-existent. It is recommended, therefore, that the application be denied.

H. C. Miller
Executive Officer
DMEA Field Team, Region III

Attachment

Copy to: Roscoe Smith, USGS
A. C. Johnson, Reno

UNITED STATES
DEPARTMENT OF THE INTERIOR
DOUGLAS McKAY, SECRETARY

DEFENSE MINERALS EXPLORATION ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION III

5/29/54

DMEA-3263, Star Point Cobalt Mine

Pershing County, Nevada

Cobalt-Copper

George H. Holmes, Jr., Mining Engineer
Henry W. Jones, Mining Engineer
U. S. Bureau of Mines

Roscoe M. Smith, Geologist
U. S. Geological Survey

April 29, 1954

EXAMINATION REPORT

Docket No.: DMEA-3263 (Cobalt-Copper)

Name and address of applicant: Charles H. Chester, et al
4th & Cornell Streets
Lovelock, Nevada

Name and location of mine: Star Point Cobalt Mine
Pershing County, Nevada

SUMMARY, CONCLUSIONS AND RECOMMENDATIONS

Mr. Charles H. Chester and partners, Lovelock, Nevada, applied on Feb. 15, 1954, to the Defense Minerals Exploration Administration for assistance in a $76,411 program to explore for extensions of cobalt and copper bearing ore bodies on the Star Point claims, about 48 miles northeast of Lovelock, Pershing County, Nev.

A field examination was made on April 6 and 7 by G. H. Holmes, Jr. and H. W. Jones, mining engineers of the U.S. Bureau of Mines and R. M. Smith, geologist of the U.S. Geological Survey.

The applicants proposed to explore the property by extensive diamond drilling and to purchase mine machinery and equipment for subsequent development work. The proposal was later changed to explore for the downward extension of the principal ore body by crosscutting and drifting.

As the copper vein is narrow and non-persistent and contains very little evidence of leaching, and as the secondary copper minerals are not

found in minable concentrations, the field team representatives conclude that there is little chance of discovering an ore body of significant size. They consider that the likelihood of a commercial cobalt deposit is non-existent. It is recommended, therefore, that the application be denied.

TIME SPENT ON PROPERTY

The Star Point cobalt-copper mine was examined on April 6 and 7, 1954 by George H. Holmes, Jr. and Henry W. Jones, U.S. Bureau of Mines and Roscoe M. Smith, U.S. Geological Survey, accompanied by Charles H. Chester and William L. Sullivan, operating partners.

NAME AND LOCATION OF PROPERTY

The five claims comprising the Star Point group are in sec. 24 and 25, T. 30 N., R. 36 E., M.D.B.&M., Pershing County, Nev.

The property is about 47.5 miles by road northeast of Lovelock, Nevada, the nearest source of labor and supplies (fig. 1). To reach the property, travel 14.3 miles northeast from Lovelock on U.S. Highway 40, turn right and proceed 22.4 miles over graded State Highway 50, turn right and travel 1.8 miles east on the Kyle Hot Springs road. At this point a rough, ungraded desert road branches off to the left and continues 10.8 miles to the property.

ACCESSIBILITY

Nevada State Highway 50 which extends from U.S. Highway 40 at Oreana eastward through Limerick Canyon and northward through Buena Vista valley to Mill City, also on U.S. 40, is a graded dirt road and open

to travel during most of the year. Heavy snows during winter months block the road occasionally. The Kyle Hot Springs road is maintained by the county and is in fair condition, but the 10.8 mile stretch of ungraded desert road to the property is rough and travel is slow. It is impassable during wet weather.

COMPETENCY OF APPLICANT

Mr. Charles H. Chester stated that he has spent many years as a miner in various camps throughout the west; Mr. Sullivan is a rancher and has no knowledge of mining. Their operating ability and financial responsibility is questionable. Mrs. Mazie A. Chester claims many years experience as a geologist; Lewis A. Williams and Kathryn S. Williams are Mrs. Chester's son and daughter-in-law and evidently have contributed financially to the operation.

APPLICANT'S PROPERTY RIGHTS

The five unpatented mining claims, Star Point No. 1, Star Point No. 2, Star Point No. 3, Star Point No. 4 and Division, were acquired by the partnership by relocation during October 1953 and are owned by them.

DESCRIPTION OF PROPERTY

The property is located along the foothills on the west slope of the East Range of mountains at an elevation of about 4900 feet. The climate is semi-arid with hot, dry summers and moderately cold winters. Vegetation is sparse comprising the usual desert plants and shrubs. No water or transmitted electric power is available and there is no mine machinery

or equipment on the property. Housing facilities comprise one old prospector's shack.

Mine workings consist of 20 or more shallow cuts, trenches, and pits (fig. 2) and three adits, one having 80 feet, one 75 feet, and one 175 feet of underground workings (fig. 3). The applicant reported that the exploratory work was done during the past 25 years by Mr. Claudius Masera, and that in conducting the work, Mr. Masera was guided largely by the advice of angels. The work was terminated by his death in 1951 in the Nevada State Insane Asylum.

Since acquiring the property, the applicants have enlarged one of the surface pits by blasting three hand-drilled holes and removing part of the muck.

Figures 2 and 3 show sample locations. Assays data are as follows:

Sample No.	Width, Feet	%, Cu	%, Co	Oz. Au/T	Oz. Ag/T	Location
243	2.0	2.80	*0.01	0.005	Trace	No. 1 adit
244	2.5	4.87	*0.01	0.005	Trace	No. 1 adit
245	3.4	2.39	*0.01	0.005	Trace	No. 1 adit
246	2.5	3.69	*0.01	0.005	0.10	Copper vein
247	Selected hi-grade	5.25	*0.01	0.005	0.10	Copper vein dump
249	grab	3.30	*0.01	0.02	0.50	1-1/2 ton stockpile
250	grab	1.63	*0.01	0.005	0.10	1/2-ton stockpile

*less than.

The mine workings were checked with a Geiger counter for possible radioactivity but none was noted. Samples were checked with an ultra-violet lamp for possible scheelite mineralization but none was indicated.

An analysis of samples 243 and 247 indicated less than 0.01 percent nickel; no radioactivity; and no gallium.

GEOLOGY

The rocks in the area are quartzite and minor interbedded shales and metavolcanic rocks of the Leach formation[1/] of Carboniferous age (fig. 1). The sedimentary rocks strike NE and dip gently NW. They are gently folded and the shale layers are in places highly contorted and faulted. Faults are commonly parallel with bedding. The rocks are cut by fractures which occur in all attitudes, and by quartz veins that strike north and dip steeply east. These veins are barren and are frozen to the wall rock: They range in width from a few inches to 8 feet and in strike length from 10 to about 100 feet. One other quartz vein strikes north and dips 50° W. It contains copper minerals and its contact with the wall rock is marked by 1/4 inch of gouge.

ORE DEPOSITS

The principal ore body at the Star Point cobalt-copper mine is a copper-bearing quartz vein called the "Copper" vein (fig. 2) which strikes north and dips 50° W, and is exposed in a surface cut 11 feet deep. The vein ranges in width from 1 to 10 inches and has been followed along the strike for about 12 feet and down the dip 11 feet. It could not be traced along the surface but it is inferred to extend about 30 feet along the strike.

Other ore bodies--found in the No. 1 adit--are fracture zones as

---

1/ Muller, S. W., Ferguson, H. G., and Roberts, R. J., 1951, Geology of the Mt. Tobin quadrangle, Nevada: U. S. Geological Survey Geologic Quadrangle Maps of the U.S.

much as 5 feet wide in the sedimentary rocks. The fractures contain secondary copper minerals in seams up to 1/8 inch wide. Mineralized fractures occur in all attitudes, but are commonly parallel with the bedding or parallel with strong fracture zones. Where fractures are closely spaced the rock may contain copper in commercial amounts.

Several of the numerous prospect pits also reveal fractured rock containing a little copper stain along the fractures.

The ore minerals are chrysocolla, azurite, malachite and cuprite. They occur principally in fractures in the quartz, but also occur in fractures in the underlying quartzite and shales. No cobalt minerals were identified, and samples submitted to the Nevada state mineralogist contained no trace of cobalt.

The grade of the ore bodies is not known but a sample of selected high-grade material from the Copper vein assayed 5.25 percent copper and less than 0.01 percent cobalt. The best ore from the No. 1 adit was mined from the bottom of the winze. Three samples were cut from the material, the best of which assayed 4.84 percent copper and less than 0.01 percent cobalt. Total production is reported to be one car of ore which yielded $10,000. One car may have been produced but it is considered unlikely that the grade was high enough to yield $10,000.

As no gossan material or leached boxwork was seen on the property, the source of the secondary copper minerals is not known, but it is inferred

that they were derived from primary copper minerals in the Copper vein because (1) the vein contains a few pyrite crystals, (2) it contains the highest concentration of secondary minerals, and (3) all the remaining secondary minerals occur below--in the footwall--of this vein. A one inch quartz stringer exposed in the winze in No. 1 adit (fig. 3) contains very little copper stain in fractures, but is not considered to be the source of the underlying ore minerals. If this inference is correct the copper in the No. 1 adit may have been leached from the overlying part of the Copper vein (now eroded) and carried by surface waters along fracture zones to its present site.

ORE RESERVES

There are no ore reserves of any class on the Star Point property. Stockpiles containing a total of 2 tons of ore have been hand-sorted from the existing dumps by the present owners. These stockpiles were sampled and assays are as follows:

1-1/2 tons - 3.30 percent copper

1/2 ton - 1.63 percent copper

PAST OPERATION

Mr. Chester stated that the property was formerly owned by Claudius Masera who prospected and explored it during a 25 year period. A check with the Mineral Industry Division of the Bureau of Mines, San Francisco, California gave the following information:

"There are two records of shipments by Claudio Masera on file.

"One in 1929 was from the Congo claim which he described as 14 miles east of Unionville, in Pershing County. A shipment of 39 tons of ore (dry) to I.S.&R. Co. copper smelter at Tooele, contained 3,975 pounds of copper (gross). There was no gold or silver reported in the ore by the smelter.

"In 1943, Masera shipped 33,402 pounds of ore (dry) to the same smelter. This lot had the following content:

Gold	-	0.05	oz. per ton
Silver	-	1.7	oz. per ton
Copper	-	2.95	percent
Zinc	-	0.9	percent
Insoluble	-	82.3	percent
Iron	-	5.4	percent
Sulfur	-	0.5	percent
Lime	-	0.6	percent

"Apparently the smelter did not assay for cobalt as they sometimes do.

"The origin of this material was the Silver Peak claim in sec. 36, TWP 30 N., Range 36 E., Pershing County." The 1929 shipment was probably from the Star Point property (since renamed) and averaged about 5 percent copper. This is evidently the carload shipment referred to by Mr. Chester and from which Masera supposedly received $10,000; which is refuted by the returns. The 1943 shipment is from the same general area but according to the section given, it would be south of the Star Point mine.

Mr. Chester advised that he had sold one ton of copper bearing quartz to a Lovelock contractor for $200.00 for ornamental use.

No exploration or development is being done at the present time and no shipments to smelters have been made by the present owners.

Two stockpiles of mineralized material have been gathered and contain 1-1/2 and 1/2 tons of ore respectively. This ore was obtained from workings on the Star Point No. 2 claim, and, with the exception of one small open cut, was broken by prior operators.

MANPOWER, SUPPLIES, ETC.

Labor, materials, supplies and equipment are available at Lovelock. Water must be hauled to the property. Power would have to be supplied by Diesel- or gasoline-driven generators. Current wages for miners are $16.00 per day.

APPLICANTS PROPOSAL

The applicant proposed originally to explore for the lateral and downward extensions of mineralized zones by diamond drilling and to purchase necessary mine machinery and equipment for mine development and operation. A cost of $76,411 was estimated for this work.

During the DMEA examination, the applicant advised the engineers and geologist that he now proposed to explore the property by extending the existing Blacksmith adit an indefinite distance eastward until ore is encountered, and from that point to crosscut north and south an unknown

distance until the entire thickness of the ore body has been penetrated. He also proposes to build a new road 1-1/2 miles to connect with the road to Mill City, Nev.

He has no idea how much "drifting" is required to cut the vein nor how much crosscutting is required to crosscut the full thickness of the vein, but estimates that $32.00 per foot may be adequate to do the underground work.

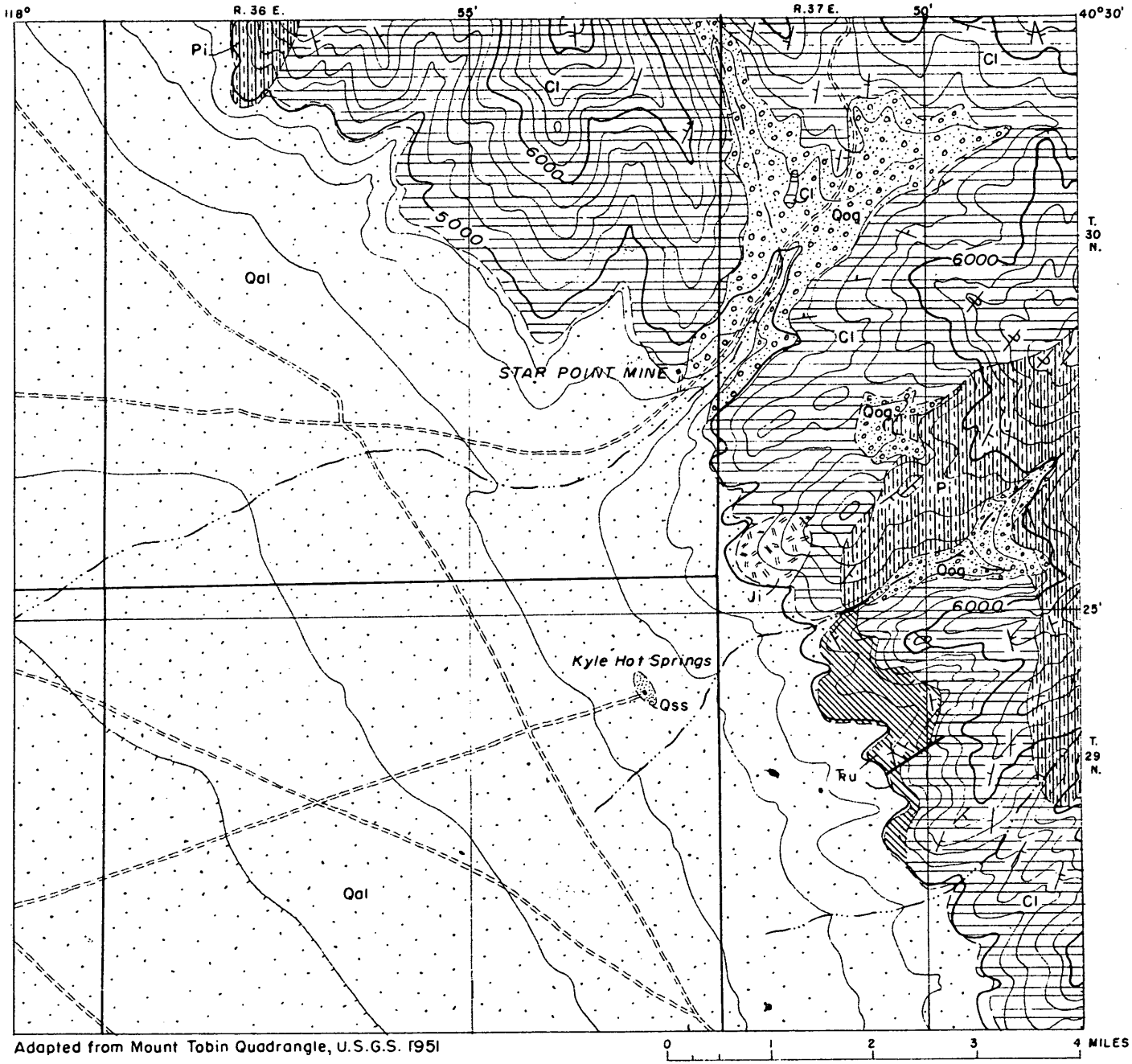
The Blacksmith adit is 56 feet lower than the Copper vein in the 11-foot cut. If the vein extends 56 feet down the dip at 50°, it would be cut at a distance of about 70 feet beyond the existing face of the Blacksmith adit. One hundred feet of drifting would be adequate to explore the strike length of the vein if found, so a total of 170 feet of underground work would be adequate to test the downward continuation of the Copper vein.

CONCLUSIONS AND RECOMMENDATIONS

As the Copper vein is narrow and non-persistent and contains very little evidence of leaching, and as the secondary copper minerals are not found in minable concentrations, the field team representatives conclude that there is little chance of discovering an ore body of significant size. They consider that the likelihood of a commercial cobalt deposit is non-existent. It is recommended therefore that the application be denied.

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DMEA-3263



Adapted from Mount Tobin Quadrangle, U.S.G.S. 1951

EXPLANATION

Qal — Alluvium

Qss — Spring sinter

Qog — Older gravels

Ji — Intrusve rocks

Ru — Triassic(?) rocks (Undifferentiated)

Pi — Inskip formation

Cl — Leach formation

Contact (dashed where appoximately located)

Fault

Strike and dip of beds

Strike and dip of overturned beds

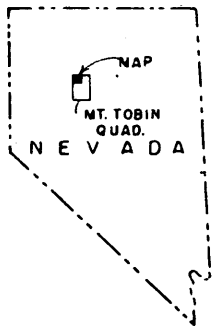
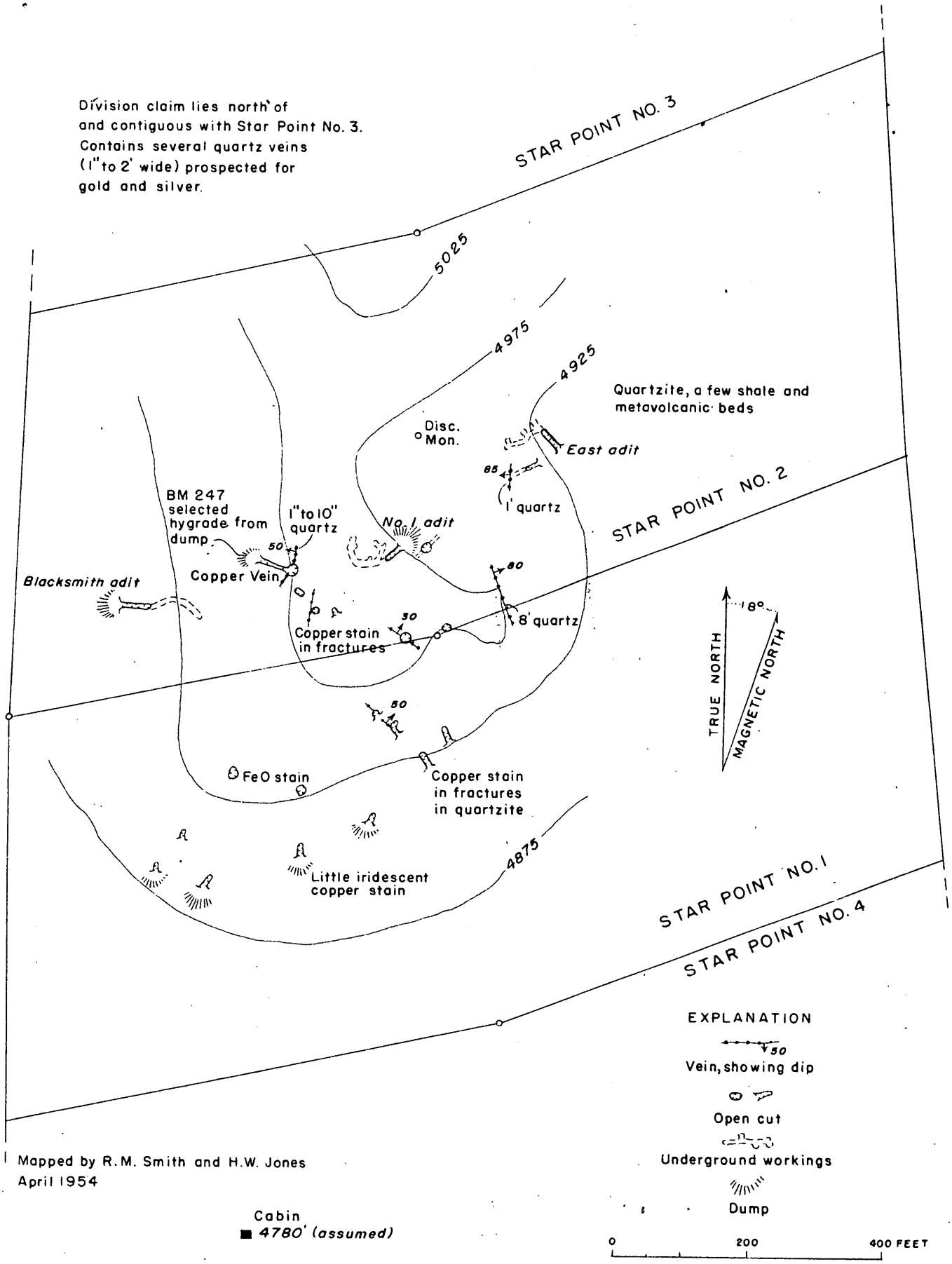
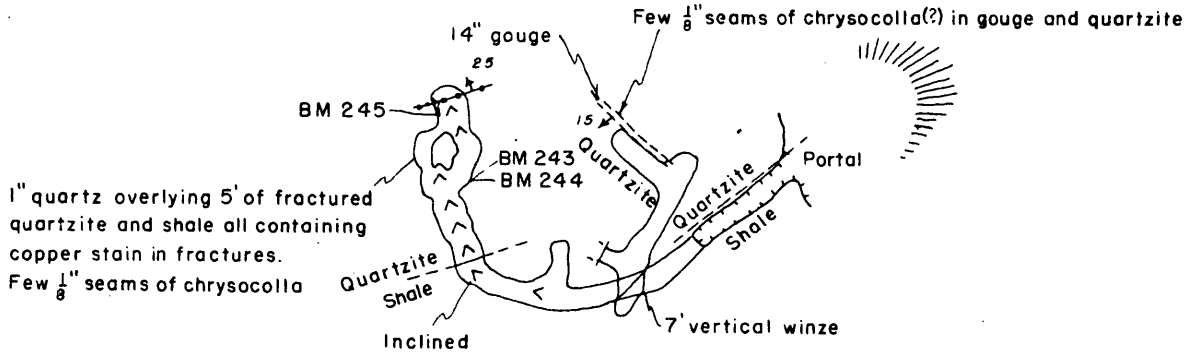


Figure 1. Geologic map of the Star Point mine area, Pershing County, Nevada

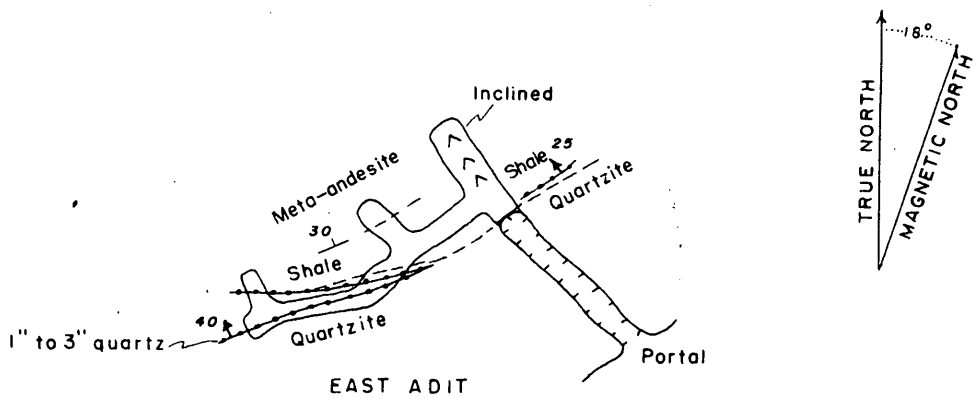


Mapped by R.M. Smith and H.W. Jones
April 1954

Figure 2. Star Point mine, Pershing County, Nevada

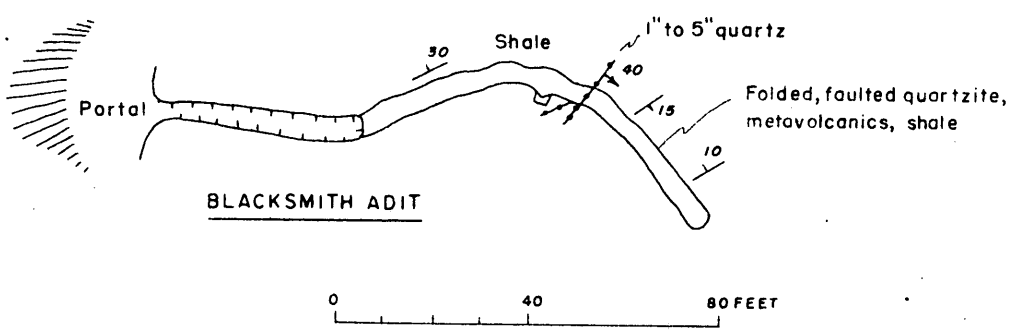


NO. 1 ADIT



EAST ADIT

Mapped by R.M. Smith and H.W. Jones
April 1954



BLACKSMITH ADIT

Figure 3. Star Point mine, Pershing County, Nevada

400

DOCKET
SURNAME
Rutledge
Martin
Davis
Adm
Jones
Hedges
Selfridge
JS Johnson

MAR 4 1954

Mr. Charles H. Chester, et al.
4th and Dartsmouth Streets
Lovelock, Nevada

Re: Docket No. DMEA 3263, Cobalt-copper
Star Point Cobalt mine
Pershing County, Nevada

Dear Mr. Chester:

The above-docketed application for exploration assistance has been reviewed by the Iron and Ferro-Alloys Division of the Defense Minerals Exploration Administration and referred to Mr. H. C. Miller, Executive Officer, DMEA Field Team, Region III, 1012 Flood Building, 870 Market Street, San Francisco 2, California, for a field examination of the property.

Any assistance that you can render the members of the Field Team will be appreciated.

Sincerely yours,

C. O. Mikesadorf (fw)

Administrator

FARutledge:foc
3-2-54
cc to: Docket
Code 400
Adm. Read. File
Oper. Comm.
FT. Reg. 3
H.W. Davis, USBM
Phillip Guild, USGS

R.C.L.
3-4-54

100

SURNAME
DOCKET
Rutledge
Martin
Davis
Adam
Selfridge
Johnson

MAR 4 1954

Mr. H. C. Miller, Executive Officer
DMEA Field Team, Region III
1082 Flood Building
870 Market Street
San Francisco 2, California

Re: Docket No. DMEA 3263, Cobalt-Copper
Charles H. Chester, et al.
Star Point Cobalt mine
Pershing County, Nevada

Dear Mr. Miller:

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

The application does not clearly state the amount and type of exploration proposed outside of the 4,000 feet of diamond drilling @ $10.00 per foot - $40,001.00. The remainder of the estimated cost, $36,410.77, apparently is earmarked mainly for development and production. In addition, Mrs. Chester's letter of February 17, 1954, states that the applicants are unable to put up their share of the project cost. During the examination, the examining engineer should explain to the applicants the following:

1. No costs of development or production are chargeable to the Defense Minerals Exploration Administration contracts.

2. The applicants should have sufficient capital available to meet all costs of the project for at least two months because payment of the Government's share of the approved costs will be made monthly upon presentation of the proper supporting data (See Title VI, Questions 47 and 54 of the enclosed pamphlet, Questions & Answers, The Defense Minerals Exploration Program). If the applicants will be unable to so finance a project, they should be requested to withdraw the subject application.

R.C.B.
3-4-54

Copies of the applicants' letters of February 15 and 17, 1954, are enclosed. We believe you already have copies of our letters of November 9, 1953, to Mrs. Chester and Senator Malone about the same property. You should also have a copy of our letter of November 25, 1953 to Senator Malone about Mrs. Inez Gilbert-Luther's cobalt property at Lovelock, Nevada. It will be appreciated if you can ascertain whether the cobalt deposit discussed therein is Mrs. Chester's property.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JHB)

Enclosure

APPROVED:

J. H. Hedges

Director, Bureau of Mines (JHB)

D. M. Larrabee

Director, Geological Survey (JHB)

FAButledge:fcc
3-2-54
cc: Docket
Code 400
FT. Reg. 3
Operating Comm.
Adm. Reading File
H. W. Davis, USBM
Phillip Guild, USGS

P. S. - Mrs. Chester's reply, dated February 17, 1954, to the Administrator's letter of November 9, 1953, speaks of "25%". Please advise the applicants that inasmuch as copper must also be included with cobalt in considering their application, participation by the Government would have to be an average or 62.5 percent of the approved costs. However, in the explanation to the applicants, the examining engineers should, of course, avoid implying any commitment in behalf of DMEA.

IN REPLY REFER TO:

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

RECEIVED
FEB 23 1954

February 26, 1954

WSM

Memorandum

To: W. S. Martin, DMEA

From: P. W. Guild, U.S. Geological Survey

Subject: DMEA 3263 (Cobalt) Charles H. Chester et al, Lovelock, Nevada. Star Point Cobalt Mine, Buena Vista District, Pershing Co., Nevada.

The Geological Survey has no specific information on this property. The Buena Vista district has produced copper, lead, antimony, gold, and silver in the past, but cobalt has apparently not been recorded. Further investigation may be warranted.

PWG

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

February 23, 1954
Subject: DMEA-3263
Re: Exploration Assistance
Star Point

Mr. Charles H. Chester, et al.
4th & Dartsmouth Sts.
Lovelock, Nevada

Dear Sir:

The receipt of your application dated February 15, 1954 for exploration assistance under the Defense Production Act of 1950, as amended, is hereby acknowledged.

Your application has been assigned Docket Number DMEA-3263 and referred to the Iron and Ferro Alloys Division.

Kindly refer to DMEA-3263 in any future correspondence relating to your application.

Sincerely yours,

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

Lovelock, Nevada
February I7, I954

Mr. C.O. Mittendorf, Administrator
United States Department of the Interior,
Washington 25, D.C.

Dear Sir:

Pursuant to communications received some little time back from both yourseld, and our good friend Senator George Malone, regarding the Cobalt-copper mine we own here in Pershing County. We wish to thank you for your prompt attention to this matter, which has taken us some time to get prepared.

Although we received your letter and Application for Participation in this exploration program for the purpose of drilling and development of our cobalt property, we are just now finishing up our own development program to the point where we feel that it is appropriate to ask for this further assistance from you.

We now have several thousand dollars worth of development work finished, and a large tonnage of good commercial ore in sight. Therefore, we feel that we are justified in asking for further aid, pursuant to DMEA Order I.

Therefore we have prepared a Costs Sheet, including drilling program as well as future development. We have also prepared a crude map showing something of the development and ore bodies, together with pictures, for your benefit.

Although it is our desire to get this property drilled, and we are eager to assist in every manner, yet I wish to state here that we have so far used up so much money in this work that we are therefore unable to put up our 25% of such costs at this time.

However, we shall be on the property at all times, furnishing supervision, labor, and whatever else we can do to assist in this program, as well as to continue the present work and even to start shipments to the Smelter in Utah soon.

We have thought that we might be allowed to pay our 25% of the costs of this future DMEA project out of our returns of Ore shipments, which we should be glad to do, monthly. We have good commercial ore in sight in the present developments.

Mr. Chester has 30 years of experience in mining, while I, myself, am a fairly good geologist, with 25 years of experience in that field. We have developed several good mining properties in the past, successfully.

There are five owners in our group. We are all vitally interested in the success of this project.

Thanking you for your kind attention to this matter,

I am, very truly yours,

Mrs. Charles Chester

Mrs Charles Chester

Star Point Mine, Cobalt.

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

NOV 9 1953

Mrs. Charles Chester
Pershing Hotel
Lovelock, Nevada

Dear Mrs. Chester:

Your letter of October 30, 1953, to Hon. George W. Malone, has been referred to the Defense Minerals Exploration Administration for appropriate action.

The United States Government through this Administration grants assistance to individuals for the exploration of strategic minerals on a participating basis as outlined in the attached mineral order, DMEA Order-1, and amendments.

In the case of cobalt, the Government grants assistance to a maximum of 75 percent of the estimated exploration costs on approved projects, the money to be repaid from income on future production.

If you are interested in participating in an exploration program, we suggest that you complete and return to us four copies of Form MF-103 and six copies of Form MF-203, both of which are enclosed.

An application for Government assistance is first reviewed by engineers in the Washington Office. If our review indicates that the prospect seems to have merit, the application is referred to the DMEA Field Team in the region where the property is located for a field examination.

The United States Government through the Emergency Procurement Service, General Services Administration, Washington 25, D. C., purchases cobalt in the open market for the National Stockpile. We know of no bonus that is being paid on these purchases.

With regard to having titanium ore reduced at the Henderson plant near Las Vegas, Nevada, we might suggest that you apply to the operators of that titanium reduction plant: Titanium Corporation of America, Henderson, Nevada.

Sincerely yours,

O. Meadows

Administrator

Enclosures

Lovelock, Nevada
Febuary I5, I954

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

Gentlemen:

We are returning our Application for participation in your Aid in exploration under the Defense Production Act of I950, DMEA Order I, pursuant to our Cobalt Mine.

We would appreciate your help in this matter very much, since we believe that we have a cobalt deposit here quite as important as the Black Bird Cobalt Mine, at Cobalt, Idaho.

We have used our own money to develope this mine to the best of our ability, and have now gone as far as possible, with our limited supply of capital.

We are unable, at the present time, to put our our own 25% of the necessary finances for this project, but we are perfectly willing to pay that amount out of the proceeds of Smelter Returns as we ship this ore.

Since we now have several carloads of fine high grade ore out and ready to ship as soon as roads will allow for it, we will soon be able to carry on along these lines. And we would be happy to pay over a good percentage of such returns monthly until our 25% of the costs of this project is taken care of-- or returned to you.

This property needs drilling, to maintain proper mining operations, and to learn the extent of this enrichment, also to reach the higher cobalt values. However, even while this drilling program is going on we can be shipping good ore.

We will also require a selling program which will take care of the cobalt values, since to date we have been unable to find a Smelter which will pay us for the cobalt.

We have some very high grade copper ore which the smelters are anxious to purchase, but we want also to receive something from the cobalt.

We are capable, and prepared to carry on the mining and development of this project, and will require the services of an Engineer for the first week only.

It is quite possible to continue the mining and development work even during the drilling program, and we could be shipping ore during this period. Therefore, we are certain that we can pay off our 25% of said program without fail.

I am, very truly yours,

Charles H. Chester

Charles H. Chester

Supervison & co-owner.

STAR POINT COBALT MINE.

Lovelock, Nevada
February I5, I954

ESTIMATE OF COSTS:

INDEPENDENT CONTRACT:- Drilling.

We desire to contract the drilling of this property. Would like to drill 8 holes, @ 500 feet deep (or give and take according to depth of ore bodies). 4,000 feet depth, inclusive.

4,000 feet, at $ I0.00 (ten dollars) per foot ------ $ 40,000.00

FOR LABOR:- (to continue present underground development and Mining.)

2 men (underground) 76- 8 hour days, @ $I4.00 day,	2,I28.00
2 men (surface) 76- 8 hour days, @ I0.00 day,	I,520.00
Liability Insurance,	230.8I
Payroll taxes,	II4.96
Engineer, (for first week only)	300.00
Supervision,	I,500.00
Accounting,	600.00
Analytical work,	500.00

EQUIPMENT & EXTRA ITEMS:-

Bulldozer, with blade and extras for mining & roads,	$ II,500.00
Compressor, jackhammers, hose, etc.	3,750.00
Diesel oil, grease, etc.,	825.00
Gasoline, oil, etc.,	490.00
Electric Light Plant, batteries, etc.,	I,I50.00
Water & Fuel for camp & operation,	200.00
Ore Car & steel track,(for service inside tunnel),	952.00
Ore bin (bunker for loading out trucks),	900.00

NEW BUILDINGS & REPAIRS ON OLD BUILDING:

Bunk house & furnishings,	I,350.00
Cook house, & furnishings,	I,800.00
Office, & equipment,	I,000.00
Repairs, (old building)	600.00
CONTINGENCIES,	$ 5,000.00
	$ 76,4I0.77

These figures are based on an 90 day cost operation. With owners handling all operation other than the drilling, which will be done on contract.

STAR POINT COBALT MINE.

BACK GROUND OF THE PERSONELL:

Mr. Charles H. Chester, Residence; Lovelock, Nevada.
Mr. Chester, formerly of Ely, Nevada. 30 years there in Mining and Politics. (City & County politics). Sheriff's Office, City Streets & Management; Ely Water & Power; Management of C.C.C. Ranch; also five years with Smelter, at McGill.
Last few years independent operator, mines & contracting.

Mazie A. Chester; (Mrs Charles H. Chester) Experienced Miner, Geologist, Chemistry. Operated successfully in Idaho, and Nevada.

Lewis A. Williams, former residence Reno, Nevada.
Advertising Speciality Salesman. Was with Skelly Advertising Agency, Reno, until recently moved to Burbank, California. Now has his own Specially Agency and manufactures his own products and specialities.

Kathryn S. Williams, (Mrs L.A. Williams), Accountant. BMI Oper.
Present address, I6I0 Broadway, Burbank, California.

William L. Sullivan, former resident of Baker, Oregon; now resides in Lovelock, Nevada & Baker, Oregon.
Rancher & Miner. Partial experience in machinery.
Army - August 20th, I940, to April 5th, I945.
Rank, Technical Sgt., Ser.# 20935 3I0

REPORT ON

STAR POINT COBALT & COPPER MINE

This property is located approximately 25 miles South and East of Imlay, Nevada, which is the nearest shipping point; and almost due East of the old town of Unionville, in the Buena Vista Mining District, Pershing County, Nevada.

It is a group of five Claims held by location, consisting of twenty acres each.

It is approached over a good County Road which is graveled and kept up by the County, until within 8 miles of the Star Point mine, after leaving the County road it is then approached over a road built and kept up by the owners, these last 8 miles are passable but in need of some repairs. It is possible to drive right onto the property at all times.

LEGAL DESCRIPTION:

Certificate of Location is on record at the County Recorders office, in Lovelock, Pershing County, Nevada:

Book I5, Page I; Book I5, Page 2; Book I5, Page 6; of Mining Records. Under File Nos. 40078, 40079, 40080, 40087; Situated in Section 24, Township 30 N., Range 36 E.

DESCRIPTION:

This property consists of a group of well developed mining claims situated on the southern exposure of a highly mineralized zone which envelopes considerable of its surface as well as its underground workings. The topography of this deposit is very striking and deserves some mention. Rising abruptly up from the desert floor on the East side of the Valley, it stands out to view so as to catch the eyes and the imagination at once. The granite and rhyolite dikes rising above the gentle slope of the hill are seamed and veined with white quartz which dips into the surface and makes contact, immediately showing a very unusual mineralization. The Cobalt Bloom is well defined on the surface.

This surface is well sprinkled and marked with rich outcrops. The mineral deposition consists of rich copper, gold and silver ores. Considerable development work has been done, and the ore taken from these working is beautiful. Looking upward along the slope of the hill and along the canyon on the west side one can see diggings and cuts too numerous to mention, and everywhere there are signs of development work with ore in sight. This continues for some 2000 feet across the claims, and for 300 to 400 feet in width.

There are only a couple of old buildings on this property. The owners roads cross almost all of these claims.

Climatic conditions are fair, and it is possible to work the claims all winter.

GEOLOGY:

The geological horizon is composed chiefly of shale, rhyolite and granite through which the quartz outcrops on the surface in numerable places. These quartz outcrops usually show fine contacts with rich veins of copper, gold, silver and other minerals. And many developments are done on these contacts.

The considerable extent of the ore bodies, veins, outcrops and dips would seemingly indicate a deep-seated ore-body of highly commercial ore. Development work has been done at many levels on the property but as yet the depth and seat of the ore has never been reached. However, at each elevation along the hill where development work has been done good ore values are found.

The present development work, and the several minerals contained in the matrix of the ore would indicate a very potent 'ore plane', or body of large extent, covering considerable underground area. The underground development seems to bear this out. Work has not been stinted on this property although it is not yet at a depth where one might guess as to the depth of this enrichment. From appearences, the writer would guess that the Apex of this enrichment centers on the number two claim of this group. The contact on this number two claim is striking, and it covers considerable distance in extent. Here is to be found the finest Cobalt Bloom, with some traces of nickel. The quartz here contains a very highly mineralization.

Above this number 2 claim, usually beneath the shale, many traces of Garnierite is to be found which appears to have some secondary significence.

DEVELOPMENT:

The present underground development consists of many tunnels varying in length, with stopes and drifts beneath several of them. A few short shafts, winzes and cuts that are in good ore bodies, and where the quartz carries values everywhere. This work has been carried out with a view/or plan toward proving out the extent and the worth of the property rather than with the short-sighted wish to commercialize on the ore from the beginning.

Therefore there are many openings into the ore body, or ore bodies, which goes toward proving this to be a large and worthy project.

There are a number of tunnels on the five claims where the major part of the development was carried out, and seemingly on each of these claims the ore has its own characteristics. The quartz carries the major part of the values, but some good values are found in porphry. The many tunnels and openings indicate depth and uniformity of the ore bodies. This indication is especially marked on the southern promontory of the hill where the heaviest part of the development has been carried on. Here each of of these workings contain high grade quartz containing values in copper, cobalt, gold and silver. All of these developments carry ore, of which the potential tonnage cannot be estimated

at the present time, but which has every indication of being very large. However, at this point the evidence would indicate a highly mineralized zone of considerable extent in width and depth. The size and extent of this ore zone appears to be some 2000 feet in length and some 250 or 300 feet in width, as it outcrops all the way up the hill to that extent as well as shows up in many cuts, dips, shafts and tunnels. These showings running from North to South; while across the hill from East to West these ore veins and bodies appear for at least 250 feet and are well developed, with almost every digging in ore values.

Rising upward on the southern slope of the hill, on the No.I Claim, some fifteen or twenty diggings have been put into the hill at different levels, some open cuts and some are tunnels. Each of these workings are located on the hillside below the higher dikes and points shich forms a sort of rimrock on the southern extremity of the hill. Most of these workings are in ore. The longest tunnels are making contact beneath and behind the wall, which was their intented purpose.

On top of the hill, above these first developments and behind the dikes, on the No.2 Claim, are a number of open cuts, drifts, and a tunnel at least 50 feet in length with two off-sets, and below this tunnel level are two stopes, both in high grade ore. The extent of these stopes would take in over I00 lineal feet. The ore bodies in these stopes is solid and the values, especially in copper is extremely high.

Below this tunnel is two ore dumps containing good values; each dump coming from each of the two stoped. Sampling of the first dump, directly at the portal of the tunnel, the following results were obtained:

Uranium	----------	00.0I%
Cobalt	----------	00.50%
Copper	----------	6.I7%
Gold	----------	.09 oz.
Silver	----------	I0.50 Oz.

Sampling of the second dump, ore which came out of the deep winze below this tunnel level, the following results were obtained:

Uranium	----------	00.0I%
Cobalt	----------	00.08%
Copper	----------	9.00 %
Gold	----------	.50 oz.
Silver	----------	I7 ozs.

The number I tunnel on this number two claim is 50 feet in length, with an off-set of 28 feet, and with a second drift of some I5'. At the far end of this tunnel is an incline shaft for 35 feet, with a continues stope of about 35 feet. There is a second stope of 50 feet below this tunnel. All in high grade ore.

Below these dumps on the east side of the hill a second tunnel has been driven into the hill for about I50 feet which was meant for a working tunnel, for the sole purpose of running under the rich ore body and stoping out the ore economically. There is as yet no commercial ore in sight there but the tunnel will be continued. There is a roadbed running around the hill to this tunnel and on above to the dumps on No. 2 claim.

Directly above the No, I tunnel, on the No. 2 claim there is an extensive outcrop on the flat top of the hill which could be mined out with a bulldozer. There is a I0 foot shaft and several open cuts on this exposure. All of these workings are down in high grade ore. The Cobalt Bloom is most pronounced at this point, and some traces of nickel have been recovered.

This ore-body continues accross the hill to the west. And about 50 or 75 feet below this top level an open cut has been driven into the hill for about 35 feet which has opened up a vein of high grade ore I6 feet wide and 9 feet deep. Thus, the extent of the ore body on top of the hill has been proven for appx. 250 to 300 feet in extent.

About I00 feet below this last cut in ore, a second tunnel has been driven in for 83 feet, again for the purpose of stoping out the ore. This tunnel has not yet been finished and will be continued in the future.

Not too much development work has been carried out on the No.3 claim as yet, but in each digging or cut on that claim there is evidence of ore values.

The No. 4 claim is well developed and one of the finest sheer zones is in evidence here which carries values in the quartz. The garnierite is most pronounced on Nos. 4 and 5 claims.

On these claims, especially on No. 4, two or three long tunnels have been run into the hill for distances of from 50 feet to over I00 feet and good values are recovered.

OTHER SAMPLING, and RESULTS:

VANADIUM CORPORATION OF AMERICA, Durango, Colorado.
January I, I954

Uranium ----- .0I%
Vanadium ---- Nil.

ANACONDA COPPER Co. Yearington Plant, Nevada.
Oct, 23, I953

Copper ------ 9.5I%

No effort was made here to determine other values.

UNION ASSAY OFFICE, Inc. Salt Lake City, Utah. Oct.I2,I949
Copper ----- I5.64%
Silver ----- 3.8 oz.
Gold ----- trace

CURTIS & TOMPKINS, Ltd. 236 Front St. San Francisco
Dec. II, I953

Cobalt ---------- 0.I3%
Copper ---------- 7.06% (from # I sample)
Silver ---------- 2I oz.
Gold ---------- 0.25 Oz.

Cobalt ---------- 0.50%
Copper ---------- 8.20% (from # 2 sample)
Silver ---------- 5.76 oz.
Gold ---------- I.40 ozs.

Tested for Mr. Ed. Cregar, E.M., New York.

U.S. SMELTING & REFINING CO. Midvale, Utah. II/I2/53.

Cobalt ---------- 0.8%
Copper ---------- 6.55%
Silver ---------- 3.5 ozs.
Gold ---------- .09 oz.

Combined Metals Reduction Co. Salt Lake City, Utah
Dec. I4, I954

Copper -------- 5.8 %
Silver -------- I0.77 ozs.
Gold ---------- 0.25 oz.

Many other samples have been cut and assayed which are not available to us at this time. Mr. H.H. Underhill, E.M., of Los Angeles, California, President of the Underhill Engineering Co., inpected this property about a year ago and took about 40 samples, cut from every claim in the group. His assaying was done in Los Angeles, and he reported favorably on the results. He claimed that one sample, taken from the stope in the No.I tunnel, from the No.2 claim ran 4I% copper. Also that two of his samples, assayed for the Cobalt content ran over 2% and over 4%. He also had some very high gold and silver returns, with many other exceedingly good copper and copper results. I have attempted to get a copy of these returns to incorporate with this, but since Mr. Underhill is now in Oregon that was impossible. However, I should like to add that Mr. Underhill passed upon this property favorably. He advised drilling, but further stated that if we continued the working tunnels in from the hillsides from east and west, that we would soon be in highly commercial ore which we could stope out cheaply. His personal opinion was that this is a large, and deep-seated ore body of very high grade commercial ore.

continued

This property would certainly justify drilling to determine the extent of the ore, and which would probably prove this to be a cobalt producer of great value. It may be readily stated here that there is plenty of ore values in sight and already developed on these claims to lead one to suppose that this is a worthy project for extensive development. We are certain that it will not be dissapointing to any engineer who might come in to examine it.

The owners of this property is as follows:

Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada.
William L. Sullivan, of Lovelock, Nevada and Baker, Ore.
L.A. Williams, and Kathryn S. Williams, of Burbank, California.

Respctfully submitted,

M.A. Chester

M.A. Chester

Lovelock, Nevada

Dated, February I5, I954

MF-103
(Revised April 1952)

UNITED STATES DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

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

Not to be filled in by applicant

Docket No. 3263
Metal or Mineral Cobalt
Date Received
Estimated Cost $76,411
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: 4th & Dartsmouth Sts. Lovelock, Nevada.
Charles H. Chester, and Mazie A. Chester, of Lovelock, Nevada, and William L. Sullivan, of Lovelock, and Baker, Oregon; and Lewis A. Williams, and Kathryn S. Williams, of 1610 Broadway, Burbank, 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 Star Point Cobalt Mine, Buena Vista Mining District, Pershing County, Nevada. County Recorder's Office, Lovelock, Nev. Book 15, Page 1; Book 15, Page 2; Book 15, Page 6. File Nos. 40078, 40079, 40080, 40087. Section 24; T 30 N. R 36 E.

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

(*c*) State your interest in the land, whether owner, lessee, purchaser under contract, or otherwise Owners
we are not incorporated

(*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.

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.

5. *The exploration project.*—(*a*) State the mineral or minerals for which you wish to explore Cobalt
this is also big copper deposit

(*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. this work is already under way and development continueing

(*c*) The work will start within 5 days and be completed within 3 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)? no

(*b*) How do you propose to furnish your share of the costs? Monthly, and out of ore shipments which may begin immediately

[no] Money [no] Use of equipment owned by you [ ] Other returns from Ore shipments

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 February 19th, 195__

Charles H. Chester
(Applicant)
For himself and on behalf of the
xx By our named applicants.

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