SEE MEMO. 3-5-52 in DMA DOCKET 657 ADVISING DOCKET CLOSED

FILE COPY
SURNAME:

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

JAN 31 1952

Mr. Ben [illegible]swell, President
[illegible]mer-[illegible] [illegible] Inc.
Fairfield, Idaho

Re: Docket No. [illegible]-1547
(Top Gr-Silver)
[illegible] et al, Arizona

Dear Mr. [illegible]swell:

Reference is made to Mr. J. [illegible] Owen's letter to you under date of July 31, 1951, covering your application dated [illegible] 2[illegible], 1951, for exploration assistance in a contract amount of $50,000.00. The letter requested additional information which would enable the Defense Minerals Administration to process the application.

Inasmuch as considerable time has elapsed and we have received no reply, we wish to advise that unless we hear from you within thirty (30) days we will consider your file closed on your application as withdrawn without prejudice.

Sincerely yours,

1/31/52

Ernest A. Ellis, Acting Chief
Ware and Misc. Metals Division
Defense Minerals Exploration
Administration

EAEllis/cla/jem
1/30/52
cc to: Adm. Reading File
Docket
Messrs. Johnson, CH Rm. 3621
Nelson, Ned Rm. 4216 C.T.
Ellis
Field Team, Region IV (2)

FILE COPY
SURNAME:

Boutin

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

July 31, 1951

Mr. Ben Lasswell, President
Emperor-Duchess Mines Co., Inc.
Fairfield, Idaho

Re: Docket No. DMA-1547

Dear Mr. Lasswell:

The Copper Branch of the Defense Minerals Administration has reviewed your application for aid for your exploration project.

In answer to question 27, Form DF-103 you state and we quote: "We do not have this worked up yet, and would ask that you accept this application without this information which we will supply at a later date, as according to MO-5 we are about at the deadline for filing of this application. Would be very glad for a representative of your Department to visit our property and go over some of these details with us."

In order to proceed with the processing of your application we need this information. In supplying these data please answer all questions on Form DF-103 as completely as you are able to do so. The more information you can give us pertaining to your property the more easily and rapidly we can act on your application.

It is on the basis of information submitted that the advisability of a field examination is determined.

In case you desire to apply for mine certification we are enclosing five copies of Form DF-100.

Very truly yours,

(sgd)
J.H. Geier, Chief
Copper Branch

Enclosures - 5

JWAlt:ez

Copy to: Reports and Records Branch
Executive Officer, Region IV
Copper Branch
Files
D.M.A. Docket
adm. Reading File

FILE COPY
SURNAME:

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

June 18, 1951

Mr. Ben Lasswell
President
Emperor-Duchess Mines Co., Inc.
Fairfield, Idaho

Subject: DMA-1547X
Re: Exploration Loan

My dear Mr. Lasswell:

Receipt is acknowledged of your application and attachments of May 28, 1951 for an exploration loan under the Defense Production Act of 1950.

The application was assigned Docket Number DMA-1547X and was referred to Mr. J. B. Gowen, Chief, Copper Branch on June 8, 1951.

In any future correspondence relating to your application, kindly refer to DMA-1547X.

Sincerely yours,

LANDON F. STROBEL

Landon F. Strobel
Executive Secretary

LFSTROBEL:js
cc: Strobel-2
>Files
Gowen
Lyon

DMA 1547

Form MF-1[illegible]
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma/1547X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Emperor-Duchess Mines Co., Inc.
Home office Fairfield, Idaho.
Operations at Sells, Arizona

Name and address of applicant

Date 5-28-51

FILL IN THIS BLOCK

Date of application 5-28-51

Estimated cost $50,000.00

Mineral or metal Copper Silver

Percentage of Government participation 50%

Location of mine Sells Arizona

Date of filing MF-100 Do not have forms for filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.

*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons. State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.

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

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.

24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Emerson-Duchess Mines Co. Inc.
(Name of company)

By Ben Lassuell
(Signature of authorized official)

Fairfield, Idaho
(Date)

Ben Lassuell
President
(Title)

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

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Emperor-Duchess Mines Co. Inc.

Form MF-103

1. Corporation
2.
3. Lawrence Green, Director, Sells, Arizona
   S. P. Ramsey, " Fairfield, Idaho
   Don Bauscher, " Fairfield, Idaho
   Chas. Fuller, Vice Pres. Director, Emmett, Idaho
   Ben Lasswell, Pres.-Director, Fairfield, Idaho
   The above are largest stockholders.
   R. J. Baldwin, Secy.Treas. Fairfield, Idaho
   Myrl Green, Manager in charge of operations, Sells, Arizona.
4. All directors and stockholders of Corporation are successful in business and industrial management.
5. Lessee.

7. Lease in good standing. Copy attached.
8. Financial statement attached.
9. $25000.00. This amount should be sufficient if matched by Federal funds.
10. Attached Geologist report covers this.
11. Emperor-Duchess patented claims.
12. Approximately 12 miles from Sells, Arizona on dirt road. Sells is approximately 60 miles from Tucson on paved highway and about the same distance on paved highway from Ajo, Arizona.
13. Water at present is trucked from Sells for drilling operations. We have reports of a good water supply one mile from mining operations but as yet have not built road to tap this supply. Present plans are to develop this water supply and construct mining camp at that site.
14. We have the usual equipment found on a small operation such as compressor, light plant, blower, jack hammer etc.
15. Present production of ore being milled at Picache Mill in that district.
16. See attached Geologist report.
17. See attached Geologist report.
18. " " " "
20. Copper
21. Our aim is to fully explore these claims so as to determine the amount of ore we may expect to recover. Estimated time one year.
22. See Geologist report.
23. We do not have this worked up yet, and would ask that you accept this application without this information which we will supply at a later date, as according to MO-5 we are about at the deadline for the filing of this application. Would be very glad for a representative of your Department to visit our property and go over some of these details with us.
24. Same as above.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1547X

Date received 6-4-51

Participation

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Emperor-Duchess Mines Co., Inc.
Home office Fairfield, Idaho.
Operations at Sells, Arizona

Date 5-28-51

FILL IN THIS BLOCK

Date of application 5-28-51

Estimated cost $50,000.00

Mineral or metal Copper Silver

Percentage of Government participation 50%

Location of mine Sells Arizona

Date of filing MF-filing MF-100

DMA Docket Number, if available

Do not have forms for

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

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*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.

*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.

*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.

15. State in detail how the ore could be shipped and how and where milled.

*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
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    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
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(3) Shipped or sold				

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    (*a*) Describe the ore or mineral deposits briefly.
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THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?

21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

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24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Emperor-Duchess Mines Co. Inc.
(Name of company)

By Ben Lasswell
(Signature of authorized official)
Ben Lasswell
President
(Title)

Fairfield, Idaho
(Date)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Emperor-Duchess Mines Co. Inc.

Form MF-103

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21. Our aim is to fully explore these claims so as to determine the

Form MF-103
(April 1951)

S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1547X

Date received 6-4-51

Participation

Emperor-Duchess Mines Co., Inc.
Home office Fairfield, Idaho.
Operations at Sells, Arizona

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4-1951
LANDON F. STROBEL
Executive Secretary

Name and address of applicant

Date 5-28-51

FILL IN THIS BLOCK

Date of application 5-28-51

Estimated cost $50,000.00

Mineral or metal Copper Silver

Percentage of Government participation 50%

Location of mine Sells Arizona

Date of filing MF-100 Do not have forms for filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

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Emperor-Duchess Mines Co. Inc.
(Name of company)

By Ben Lasswell
(Signature of authorized official)

Fairfield, Idaho
(Date)

Ben Lasswell
President
(Title)

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*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Emperor-Duchess Mines Co. Inc.

Form MF-103

1. Corporation
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3. Lawrence Green, Director, Sells, Arizona
   S. P. Ramsey, " Fairfield, Idaho
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   Ben Lasswell, Pres.-Director, Fairfield, Idaho
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   R. J. Baldwin, Secy.Treas. Fairfield, Idaho
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4. All directors and stockholders of Corporation are successful in business and industrial management.
5. Lessee.

7. Lease in good standing. Copy attached.
8. Financial statement attached.
9. $25000.00. This amount should be sufficient if matched by Federal funds.
10. Attached Geologist report covers this.
11. Emperor-Duchess patented claims.
12. Approximately 12 miles from Sells, Arizona on dirt road. Sells is approximately 60 miles from Tucson on paved highway and about the same distance on paved highway from Ajo, Arizona.
13. Water at present is trucked from Sells for drilling operations. We have reports of a good water supply one mile from mining operations but as yet have not built road to tap this supply. Present plans are to develop this water supply and construct mining camp at that site.
14. We have the usual equipment found on a small operation such as compressor, light plant, blower, jack hammer etc.
15. Present production of ore being milled at Picacho Mill in that district.
16. See attached Geologist report.
17. See attached Geologist report.
18. " " " "
20. Copper
21. Our aim is to fully explore these claims so as to determine the amount of ore we may expect to recover. Estimated time one year.
22. See Geologist report.
23. We do not have this worked up yet, and would ask that you accept this application without this information which we will supply at a later date, as according to MO-5 we are about at the deadline for the filing of this application. Would be very glad for a representative of your Department to visit our property and go over some of these details with us.
24. Same as above.

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Budget Bureau No. 42-R1035.
Approval expires 6-30-51.

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

DO NOT FILL IN THIS BLOCK

Docket No. dma 1547X

Date received 6-4-51

Participation

Emperor-Duchess Mines Co., Inc.
Home office Fairfield, Idaho.
Operations at Sells, Arizona

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Date 5-28-51

Name and address of applicant

FILL IN THIS BLOCK

Date of application 5-28-51

Estimated cost $50,000.00

Mineral or metal Copper Silver

Percentage of Government participation 50%

Location of mine Sells Arizona

Date of filing MF-100 Do not have forms for filing MF-100

DMA Docket Number, if available

INSTRUCTIONS

Read Mineral Order 5, Regulations Governing Government Aid in Defense Projects, before completing this application. Submit four signed copies of the application to Defense Minerals Administration, Department of the Interior, Washington 25, D. C., or to the nearest field executive officer thereof, with your name and address on each sheet of the application and all accompanying papers. If any question is inapplicable, or if you cannot answer it, so state on the form. Where the space provided for answer is insufficient, answer on a separate sheet, annex it to the application form, and refer to it in space for answer. If the application is approved, you will be presented with an exploration project contract on Form MF-200, for your signature.

THE APPLICANT

*1. Is applicant an individual, partnership, or corporation?
*2. If a partnership, state names and addresses of partners.
*3. If a corporation, state names and addresses of officers, directors, and five largest stockholders.
*4. Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who will manage the project.
*5. Are you the owner or the lessee of the property?
6. If owner, state what claims, liens, or encumbrances, if any, are against the property.
7. If lessee, attach a copy of the lease and state if it is in good standing.

NOTE.—It will be necessary to procure and attach to the exploration project contract agreements of claimants, lienors, encumbrances and lessors subordinating their interests in the property to the interest of the Government under the contract.

8. Furnish current financial statement, showing assets and liabilities, and a profit and loss statement.
9. How much money is applicant prepared to invest in proposed project? Is it sufficient to pay your part of the cost of the project as detailed in question 23 of this application form, in accordance with the regulations on Government participation (Section 9 of Mineral Order 5)?

*If you have already answered these questions on MF-100, you are not required to answer the questions for this application.

16—64067-1

THE PROPERTY

10. (*a*) Give a description of the real property that will be in any way involved in the exploration project, including any existing mine or operating property.
    (*b*) Give the legal description of the exact parcel, plot, or area upon which the exploration is to be conducted.

    NOTE.—If both areas are the same, so state. The only obligation to repay the Government is from the net earnings from any commercial discovery made in the area specified in (*b*) above in which the exploration is to be conducted, and the expenditure of funds which may be charged as costs of the project must be limited to that area or to work necessary to perform the exploration in that area.

*11. State the present and former names of the property, if any.
*12. State, in detail, the location of the property with reference to towns, railroads, roads, shipping points, including distances and directions and kinds and conditions of roads.
*13. State source and quantity of water available for operations and its sufficiency at all seasons.
State amount of power to be used, rate per hour or other cost, and source.
*14. Describe any existing useable facilities, equipment, buildings, or structure now on the property that will be devoted to the exploration work.
15. State in detail how the ore could be shipped and how and where milled.
*16. History:
    (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for any past suspensions of operations.
    (*b*) State briefly the known history and production of adjoining and neighboring properties.
    (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.
*17. Production:
    (*a*) If mine is in production, furnish the following information:

	Tons per day	*Grade or analysis*	*Cost per ton*	*Net value per ton*
(1) Mining				
(2) Milling				
(3) Shipped or sold				

*18. Ore or mineral reserves: (If property is or has been operating.)
    (*a*) Describe the ore or mineral deposits briefly.
    (*b*) Submit available maps and assay data.
    (*c*) Give estimated tonnage and grade of each class of ore reserves.
19. State any conditions or circumstances regarding the property not sufficiently brought out by the foregoing questions.

THE EXPLORATION

20. For what mineral or minerals and for what types of deposits and ores will the exploration be conducted?
21. Describe briefly, but concisely, the proposed work and the estimated time required to complete it.

    NOTE.—The Government will not participate in a project that will require more than 2 years to complete.

22. Furnish statement of the geological basis of the project with particular emphasis on factors leading the operator to expect the finding of commercial ore bodies. This statement should be accompanied by supporting maps such as geological maps, maps of the proposed openings and assay maps, sample lists, and other pertinent data.

THE REQUIREMENTS AND COSTS

23. Tabulate in the form of an itemized statement with a sum for each item the estimated requirements and costs of the project so that the total will give the estimated cost of the project in which the Government will participate, as follows:
    (*a*) Labor, by numbers and classes (miners, muckers, millmen, etc.), with wages of each.
    (*b*) Supervisors, by numbers and positions, with salaries of each.
    (*c*) Cost of necessary repairs to existing facilities, structures, and buildings.
    (*d*) Cost of necessary installation or construction of additional facilities, structures, and buildings.
    (*e*) Cost of items of equipment, not now owned by the applicant which must be purchased for operations at a cost of $50 or more each.
    (*f*) Cost of rental for equipment which the operator proposes to rent.
    (*g*) Rental value of items of equipment which the operator now owns and which will be devoted to the work.
    (*h*) Cost of materials and supplies, including items of equipment costing less than $50 each.
    (*i*) Cost of power, water, utilities, and any other items not provided for above.
24. Furnish a time schedule of the project, stated in terms of months after project is approved, showing progress expected to be accomplished and the money expected to be spent.

CERTIFICATION

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

Emperor-Duchess Mines Co. Inc.
(Name of company)

By Ben Lassuell
(Signature of authorized official)
Ben Lassuell
President
(Title)

Fairfield, Idaho
(Date)

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.

*Same as footnote on page 1.

16—64067-1 U. S. GOVERNMENT PRINTING OFFICE

Emperor-Duchess Mines Co. Inc.

Form MF-103

1. Corporation
2.
3. Lawrence Green, Director, Sells, Arizona
   S. P. Ramsey, " Fairfield, Idaho
   Don Bauscher, " Fairfield, Idaho
   Chas. Fuller, Vice Pres. Director, Emmett, Idaho
   Ben Lasswell, Pres.-Director, Fairfield, Idaho
   The above are largest stockholders.
   R. J. Baldwin, Secy.Treas. Fairfield, Idaho
   Myrl Green, Manager in charge of operations, Sells, Arizona.
4. All directors and stockholders of Corporation are successful in business and industrial management.
5. Lessee.

7. Lease in good standing. Copy attached.
8. Financial statement attached.
9. $25000.00. This amount should be sufficient if matched by Federal funds.
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24. Same as above.

Lmd 1547X

EMPEROR-DUCHESS MINES CO., INC.

FAIRFIELD, IDAHO

5-29-51

a Financial Statement of above Company as of May 15th 1951

Personal Property $2500.00
Cash on Hand & in Bank 12500.00
unsold Stock in Treasury $15000.00

unpaid Bills will not exceed $800.00

R.J. Baldwin
Sec-Treasurer.

REGIONAL DIRECTOR'S OFFICE
REGION IV
MAY 31 1951
BUREAU OF MINES
DENVER, COLORADO

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

dma 1547X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

A G R E E M E N T

THIS AGREEMENT, Made and entered into this 9th day of April, 1951, between Myrl Green and Verna E. Green, husband and wife, and Lawrence Green and Della Green, husband and wife, all of Sells, Arizona, the parties of the first part, and the Emperor-Duchess Mines Company, Inc., a corporation, of Fairfield, Idaho, the party of the second part, Witnesseth:

WHEREAS, The parties of the first part own a certain interest in that certain lease dated October 20, 1950, between the Papago Council, representing the Papago Tribe of Arizona, as lessors, and Myrl Green, Lawrence Green and J. A. May, as lessees, a copy of which lease is hereto attached, marked "Exhibit A" and by this reference made a part hereof as though fully incorporated herein; and

WHEREAS, The party of the second part desires to obtain all of the right, title and interest of the parties of the first part in and to that certain lease a copy of which is attached hereto and marked "Exhibit A"; and

WHEREAS, The parties of the first part are willing to sell and assign all of their right, title and interest in and to that certain lease dated October 20, 1950, a copy of which lease is attached to this agreement and marked "Exhibit A", upon the terms and conditions hereinafter set forth.

NOW, THEREFORE, In consideration of the premises and the sum of one dollar ($1.00) by the party of the second part to the parties of the first part paid, the receipt of which is hereby acknowledged, and in consideration of the covenants and agreements hereinafter set forth and contained, it is hereby agreed by and between the parties as follows:

KNOW ALL MEN BY THESE PRESENTS:

That the parties of the first part, for and in consideration

of the sum of $1.00 in hand paid, the receipt of which is hereby acknowledged, do hereby sell and assign to the party of the second part and said party of the second part hereby purchases, all the right, title and interest of the parties of the first part in and to that certain indenture of lease bearing date the 20th day of October, 1950, made by the Papago Council, representing the Papago Tribe of Arizona, as lessor, and Myrl Green, Lawrence Green and J. A. May, as lessees, a copy of said lease being attached hereto, marked "Exhibit A" and by this reference made a part hereof as though fully incorporated herein, upon the following terms and conditions:

The purchase price for all the right, title and interest of the parties of the first part in and to said lease which the second party pays herewith, receipt whereof is hereby acknowledged by the first parties, is the execution and delivery of 50,000 shares of the capital stock of said second parties issued as follows:

To:	No. of Shares:
Myrl Green	12,500
Charles Fuller	12.500
Lawrence Green	25,000

The Party of the second part agrees that it will fully comply with all of the terms and conditions contained in that certain lease a copy of which is attached hereto and marked "Exhibit A".

This entire agreement shall inure to the benefit of and be binding upon the parties hereto, their and each of their heirs, executors, administrators, successors, and assigns.

IN WITNESS WHEREOF, the parties hereto have executed these presents the day and year first above written.

Myrl Green
Signature of: Myrl Green

Verna E. Green
Signature of: Verna E. Green

Lawrence Green
Signature of: Lawrence Green

Della Green
Signature of: Della Green

PARTIES OF THE FIRST PART

EMPEROR-DUCHESS MINES COMPANY, INC.

By: Ben Lasswell

(Corporation Seal)

Signature of: Ben Lasswell, President
PARTY OF THE SECOND PART

Attest:

R.T. Baldwin

Signature of: R. T. Baldwin, Secretary

oooooooooooo

State of Arizona,)
)ss.
County of Pima.)

On this 23rd day of April, in the year 1951, before me the undersigned, a Notary Public, in and for said State, personally appeared Myrl Green and Verna E. Green, husband and wife, and Lawrence Green and Della Green, husband and wife, known to me to be the persons whose names are subscribed to the within instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Richard B Kammert

(Notary Seal)

Notary Public for Arizona
Residing at Sells, Arizona
My commission expires Feb 5, 1955

oooooooooooo

State of Idaho,)
)ss.
County of Camas.)

On this 9th day of April, in the year 1951, before me, Chas. O. S. Scoggin, a Notary Public in and for said State, personally appeared Ben Lasswell and R. T. Baldwin known to me to be the President and Secretary, respectively, of the corporation that executed the within instrument, and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Chas O S Scoggin

(Notary Seal)

Notary Public for Idaho
Residing at Fairfield, Idaho

The foregoing agreement, in so far as it pertains to the lease dated October 20, 1950, between the Papago Council, representing the Papago Tribe of Arizona, as lessor, is hereby accepted and approved.

Dated this 23rd day of April, 1951

PAPAGO COUNCIL

By: Thomas A. Segundo

Signature of: Thomas A. Segundo
Chairman

(Council Seal)

Attest:

Rosanna Rios

~~Signature of: Priscilla R. Garcia~~ Rosanna Rios
Secretary-Treasurer

oooooooooooo

State of Arizona, }
County of Pima. } ss.

Before me, the undersigned authorities on this day, personally appeared Thomas A. Segundo and ~~Priscilla R. Garcia,~~ Rosanna Rios known to me to be the Chariman and Secretary-Treasurer, respectively, of the Papago Council, known to me to be the persons whose names are subscribed to the above instrument and each acknowledged to me that he executed said instrument for the purposes and considerations and in the capacities stated therein.

WITNESS my hand and seal of office this 23rd day of April, 1951.

Richard B. Kammert

Signature of: Richard B. Kammert
Pima County, Arizona.
Residence: Sells, Arizona
My commission expires: Feb 5, 1955

(Notary Seal)

"EXHIBIT A"

AGREEMENT

This agreement made and entered into this twentieth day of October, 1950, by and between the Papago Council, representing the Papago Tribe of Arizona, hereinafter called First Party and Myrl Green, Lawrence Green, of Sells, Arizona, and J. A. May, of P. O. Box 116, Sells, Arizona, hereinafter called Second Party, Witnesseth:

First Party hereby grants to Second Party the right to mine, extract, and market ore from the Emperor and Dutchess patented mining claims owned and held by First Party and located in the Comobabi Mining District northeast of Sells, Arizona, within the exterior boundaries of the Papago Indian Reservation, upon the following terms and provisions:

1. Second Party shall pay First Party the sum of $500.00 in cash upon the execution of this agreement as a cash bonus for the mining privileges herein granted.

2. Second Party hereby agrees to pay First Party cash rental in the amount of $250.00 per annum, for the mining privileges herein granted for the entire term of this agreement. Said annual cash rental of $250.00 shall be due and payable to the Papago Council at Sells, Arizona; the first of said rental payments due and payable on December 31, 1950, and a like amount being due and payable at the end of each year thereafter during the term of this agreement.

3. The term of this lease shall be for 5 years from the date of execution by both parties hereto, with the understanding that Second Party shall have the right to ronew this agreement for an additional five years upon such rental and royalty rates as may be eventually agreed upon by the parties hereto.

4. In addition to the cash bonus and cash rental payments provided for in Paragraph 2 hereinabove, Second Party agrees to pay First Party a royalty of 10% of the net smelter returns from the Emperor and Dutchess mines. Second Party agrees to make its books available for inspection by First Party at all reasonable times during business hours for the entire term of this agreement, and Second Party further agrees to render First Party an itemized, accurate statement at the end of each year during the term thereof; showing the kinds, quality and quantity of ores marketed from said mines on which said 10% royalty payment is based. Second Party agrees to issue written instructions to any smelter handling ores marketed from said mining claims to pay all royalties due hereunder direct to First Party at Sells, Arizona.

5. Second Party hereby agrees to conduct all mining operations strictly in accordance with all applicable State and Federal Laws, and to conduct all mining operations in accordance with good mining practices.

6. Second Party agrees to post said mines, notifying all persons that no liens of any kind or character may be filed against said mining properties.

7. Failure of Second Party to make any payment of cash rental or royalty when due or keep faithfully and perform each and every obligation and covenant hereunder shall entitle First Party to immediately declare this agreement cancelled and all monies paid by Second Party at the date of such cancellation shall be retained by First Party.

8. In the employment of labor, Second Party agrees to give first consideration to members of the Papago Tribe. Second Party, however, shall not be expected to employ Papago Indians unless they are qualified for the work.

9. Second Party understands and agrees that he will not use or permit the premises covered by this lease to be used for any unlawful conduct or purpose whatsoever; that he will not use or permit the use of the leased premises, or any part thereof, for the manufacture, sale, gift, or storage of any intoxicating liquors or beverages and that he will not permit the introduction of same into or upon the leased premises; and, that any violation of this provision by the lessee, or with his knowledge, shall render this lease subject to cancellation by the officer in charge of the Indian reservation.

10. Second Party shall have the right to move or remove any machinery, equipment, and buildings on or from said mining claims at anytime. It is agreed that any buildings, machinery or equipment left on said mining claims and not removed by Second Party within 60 days from the date of termination of this agreement for any cause shall be and become the property of the First Party.

11. First Party hereby grants unto Second Party permission to construct and use a road to the Emperor and Dutchess patented mining claims.

This agreement shall ensue to the benefit of and be binding upon the parties hereto, their successors and assigns, and also upon Second Parties, heirs, executors, and personal representatives. Neither this agreement nor any interest therein may be assigned by Second Party without first obtaining the written consent of First Party.

Witness the hands of the Parties the day and year first above written.

THE PAPAGO COUNCIL (First Party

By:

Thomas A. Segundo /s
Thomas A. Segundo, Chairman

Myrl Green /s
Myrl Green (second Party)

Lawrence Green/s
Lawrence Green (second Party)

J. A. May /s
J. A. May (Second Party)

(Council Seal)

Attest:

Priscilla R. Garcia/s
Priscilla R. Garcia,
Secretary-Treasurer, Papago Council

THE STATE OF ARIZONA)
) SS
COUNTY OF PIMA)

Before me, the undersigned authorities on this day, personally appeared Thomas A. Segundo and Priscilla R. Garcia known to me to be the Chairman and Secretary and Treasurer respectively of the Papago Council and Myrl Green, Lawrence Green and J. A. May known to me to be the persons whose names are subscribed to the above instrument and each acknowledged to me that he executed said instrument for the purposes and considerations and in capacities stated therein.

Witness my hand and seal of office this 22nd day of November, 1950.

Richard S. Kammert /s
Notary Public in and for Pima County, Arizona

(Notary Seal)

My commission expires:
2-5-1951.

dmm 1547X

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JUN 4 - 1951
LANDON F. STROBEL
Executive Secretary

Preliminary Report
on the
Emperor-Dichess Mines Co., Inc.
Comobabi District
Pima County, Arizona
by
J. M. Hill, Geologist
May, 1951

J. M. HILL
Geologist
182 North Court Street
TUCSON, ARIZONA

May 21, 1951

Mr. Myrl Green
Emperor-Duchess Mining Co., Inc.
P.O. Box
Sell, Arizona

Dear Mr. Green:

As requested by you, I have made a breif preliminary examination of your copper-silver mine in the Comobabi District, north of Sells, Pima County, Arizona, and herewith submit my report in duplicate.

I was very favorably impressed with the possibilities of this deposit. I hope that you will get good advice as to the geological, mining and metallurgical problems involved before making final decisions on your future operations.

Yours very truly,

J. M. Hill, Geologist /s
J. M. Hill, Geologist

JMH:c

2 enclosures

Preliminary Report
on the
Emperor-Duchess Mines Co., Inc.
Comobabi District
Pima County , Arizona
by
J. M. Hill, Geologist
May, 1951

Introduction

At the request of Mr. Myrl Green, of the Emperor-Duchess Mines Company, Inc., an Idaho Corporation, I visited the mines in company with Mr. Green and Mr. Neeley on May 18, 1951.

The two patented claims are located in the SE¼ of Sec. 15 T. 16 S., R. 5E., about 9 miles airline E.M.E. of Sells, Arizona, in the Papago Indian Reservation (see map #1). To reach the south end of the property, where the work is presently in progress, the old road north from Sells is followed for 5 miles. At this place a newly graded road turns east which is followed about 7 miles to the Lower South tunnel entrance. There are no bad grades, and any sort of car or truck can negotiate this road.

General Geology

This group of claims lies on the divide near the summit of the east side of the main mass of the Comobabi Mountains. The elevation where the road crosses the summit is, be aneroid, 3950 feet. The lowest elevation at the extreme north end of the Emperor claim is about 3600 feet. Slopes are steep but not rugged, and there is a soil or softened rock surface that is easily excavated for roads and trails. The main working tunnels both north and south are at elevations of 3,825 feet.

This part of the Comobabi Range is composed of several types of dark colored igneous rocks ranging from fine grained diabase to coarse grained diorite, some of which is porphyritic in texture. The basic rocks have been intruded by a fine grained light colored series of dikes, one of which lies on the west side of the vein on the Duchess (south) claim.

The well defined veins are found along a complicated system of fractures that strike N.N.E. to N.W. They are some what siliceous but are in general not hard. The mineral of value is a silvery gray color which, on exposure to the air, turns quite dark. It is beleived to be one of the sulph-antimonide or arsenide combinations of silver and copper. I have not attempted as yet to determine the exact mineral. The two veins developed by the North and South tunnels vary from 2 to 6 feet between excellent walls. There has been considerable movement along these veins since they were deposited and both hanging and foot walls are usuallly free breaking from the wall rock. In places there is as much as a foot of crushed rock gouge on one or the other of the walls.

There seems to be little cross faulting, and those noted in this short inspection did not appear to displace the vein more than a few feet.

Development

The present development is in a drift tunnel at the South end of the Duchess claim which on May 18th was 163 feet, including the open-cut at the portal 45 feet long. This has a 15 foot face where the tunnel starts (see map #2). In this tunnel about 48 feet from the portal the vein was cut off by an East trending vertical fault. The next 40 feet of the tunnel are in barren diorite. A vein was picked up at the turn to the east and has continued to the face as of May 18th. The driller told me that he had cut into good ore about 12 inches west of the west wall of the drift near the face. My sample #3 was cut across a 2 foot vein 8 feet from the face as of May 18, 1951.

There is an old tunnel about 35 feet lower than the present working level which is in 187 feet, including the 25 foot open-cut at the portal. The vein seems to be continuous along this drift. There are various open cuts and shallow shafts, with some stoping above the working level to the summit of the ridge where the road crosses.

Going north from the Summit there are several cuts and shafts on the vein that is opened by what I have called the North Tunnel (see map #3). This tunnel, with a 85 foot long open-cut at the portal, is 48 feet long. A stope above the tunnel goes through to the surface about 25 feet up. The work exposes a well mineralized 4 to 5 foot wide vein that strikes N. 20 W. and dips S.W. at 50°. There is 10 to 12 inches of gouge on the foot wall, and the hanging wall is marked by a thinner band of crushed rock. My sample #1 is representative of the ore in this tunnel.

North of this tunnel the vein can be clearly traced by open cuts for at least a claim length. Just beyond the north end line there is a 36 foot cross-cut tunnel which runs in S. 3° W. This cuts a 3 foot siliceous vein which strikes east and stands vertical. It did not look particularly well mineralized. I took a sample #2 across this vein.

Value of the Ore

It is too soon to warrant detailed sampling of these veins since too short a length of the vein has been developed. Mr. Green showed me a number of assays of samples that he had taken across the vein as the tunnels at both the North and South ends were driven. Picked samples run as high as 226 oz. silver, 0.12 oz. gold, and 28.4% copper. A 28 ton test lot of ore was shipped to the Arsco Smelter at El Paso, which according to the smelter settlement sheet, carried 9.2 oz. silver and 8.47% copper. About 200 tons of ore taken from the North tunnel stope was milled at the Picacho Mill by Mr. George A. Ballam with satisfactory results. Mr. Rosevear of the Arizona State Mining Bureau has run tests with flotation that indicate that a satisfactory recovery is possible.

As a check, I took two samples from the North and South tunnels as follows: These samples were assayed by Jacobs of Tucson:

Sample #1 General grab sample from face of North tunnel 5 feet between walls. Good sulphide mineralization, gold 0.005 oz., silver 3.2 oz., and copper 2.67%.

Sample #2 Across vein 2 feet wide on west side of South Tunnel, 8 feet from face as of May 18, 1951. Good mineralization. Driller said that, in a hole to the west, he has struck a good width of similar material. Gold 0.01 oz., silver 8.3 oz., and copper 2.42%.

In addition to those two samples, I took a sample from what appears to be a vein exposed in a short cross-cut about 800 feet north of the north center monument of the Emperor claim. This was highly siliceous about 3 to 4 feet wide. Gold trace, silver 0.2 oz., and copper 0.08%.

Conclusions

It is my impression that the vein developed in the South tunnel is not the same as that in the North tunnel. I believe these veins cross at about the saddle where the road goes over the divide. The vein in the South Tunnel is indicated to the east of the divide by some flatish spots on the ridge 400 feet east of the divide, and there is some work done on what looks as though it might be a continuation of this vein.

I am of the opinion that every branch off of the main vein found as development proceeds should be thoroughly prospected, and that long hole drilling at least every 50 feet in both walls should be practiced as work progresses. The igneous rocks forming these mountains are cut by a closely spaced intricate system of fracturing. Many of these fractures carry ore.

You have a most interesting and what looks to be a very highly mineralized vein system in the Emperor-Duchess Ground.

Recommendations

Mr. Green has informed me that he has already made locations on some of the open ground surrounding the two original claims. If these locations do not cover the ridge to the east of the Divide, that ground should be located.

A well planned prospecting program for additional veins might yield excellent results. A man who has a good grounding in mineralogy and structural geology would be helpful in this regard.

I have the feeling that it would be well to have your ore tested as to its suitability for treatment by the "Heavy Media, Sink and Float" method. It might be feasible to make a good recovery, by this method, of a product that could be shipped to the smelter, without the necessity of elaborate flotation separation to make a very high grade concentrate. It is worth consideration for the equipment for such a plant would be very much less expensive than a flotation mill of equal capacity.

Respectfully submitted,

J. M. Hill /s

J. M. Hill, Geologist
182 North Court Street
Tucson, Arizona

May 21, 1951.

E.R. JACOBS
PHONE 130-R
30 OH MAIN

BEN P. JACOBS
PHONE 100-W
P.O. BOX 103

JACOB ASSAY OFFICE

REGISTERED ASSAYERS

CERTIFICATE No. 42710
SAMPLE SUBMITTED BY MR. J. M. WIRE

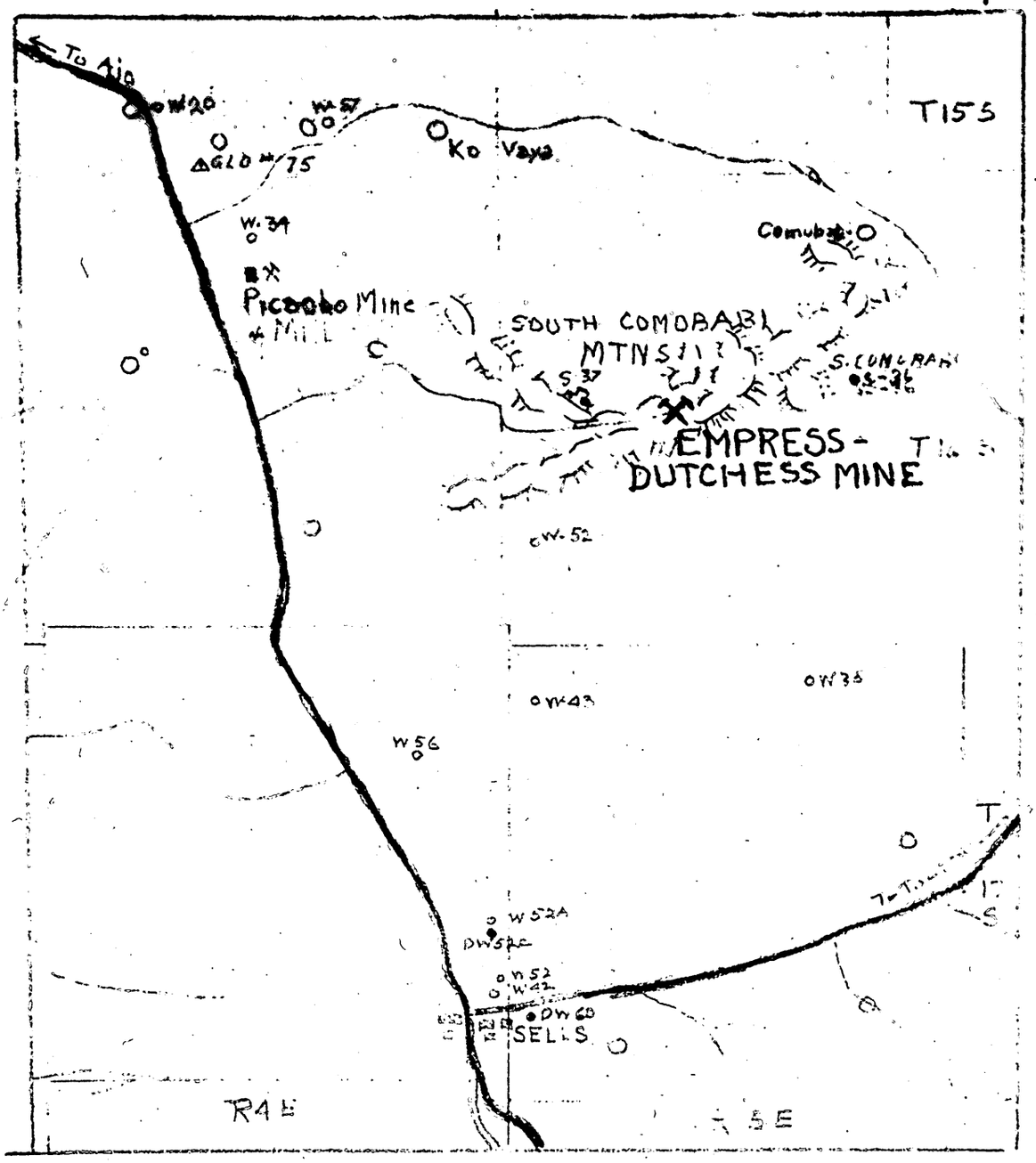
ISSUED HELENA Aug 21, 1921

SERIAL	SAMPLE MARKED	GOLD OZS PER TON ORE	GOLD VALUE PER TON ORE	SILVER OZS PER TON ORE	COPPER PER CENT WET ASSAY
128932	Dutlow #1	0 003	$ 0 17	3 2/10	2 07
33	2	Trace		0 2/10	0 08
34	3	0 01	0 35	8 3/10	2 42

GOLD FIGURED $35.00 PER OZ TROY
CHARGES $ 2.25

VERY RESPECTIVELY,
Ben P Jacobs JS

Map #1



Traced from map of the PAPAGO INDIAN RESERVATION

Scale 0 1 2 3 4 5 Miles

Hard surfaced Road

Unimproved Road

Indian Villages

W-5 Dug Well

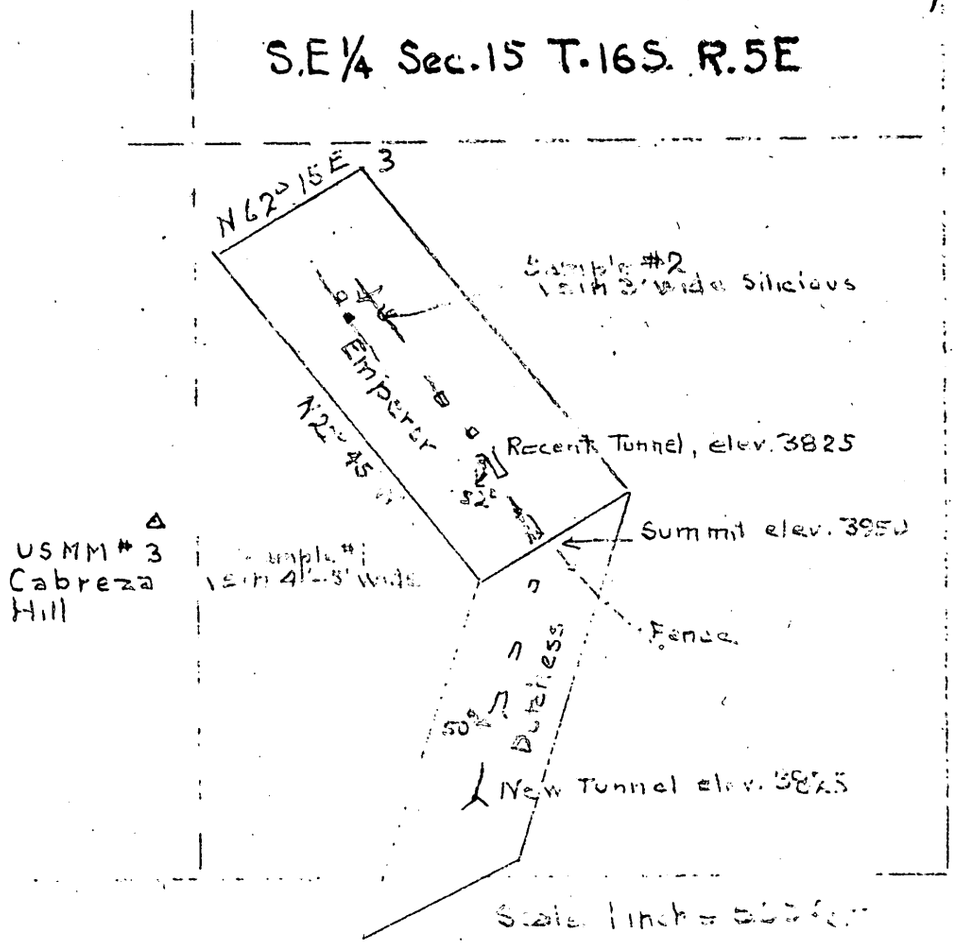
DW-5 Drilled Well

S-5 Spring

To accompany report [illegible] J.M.H. [illegible] 5/20/51

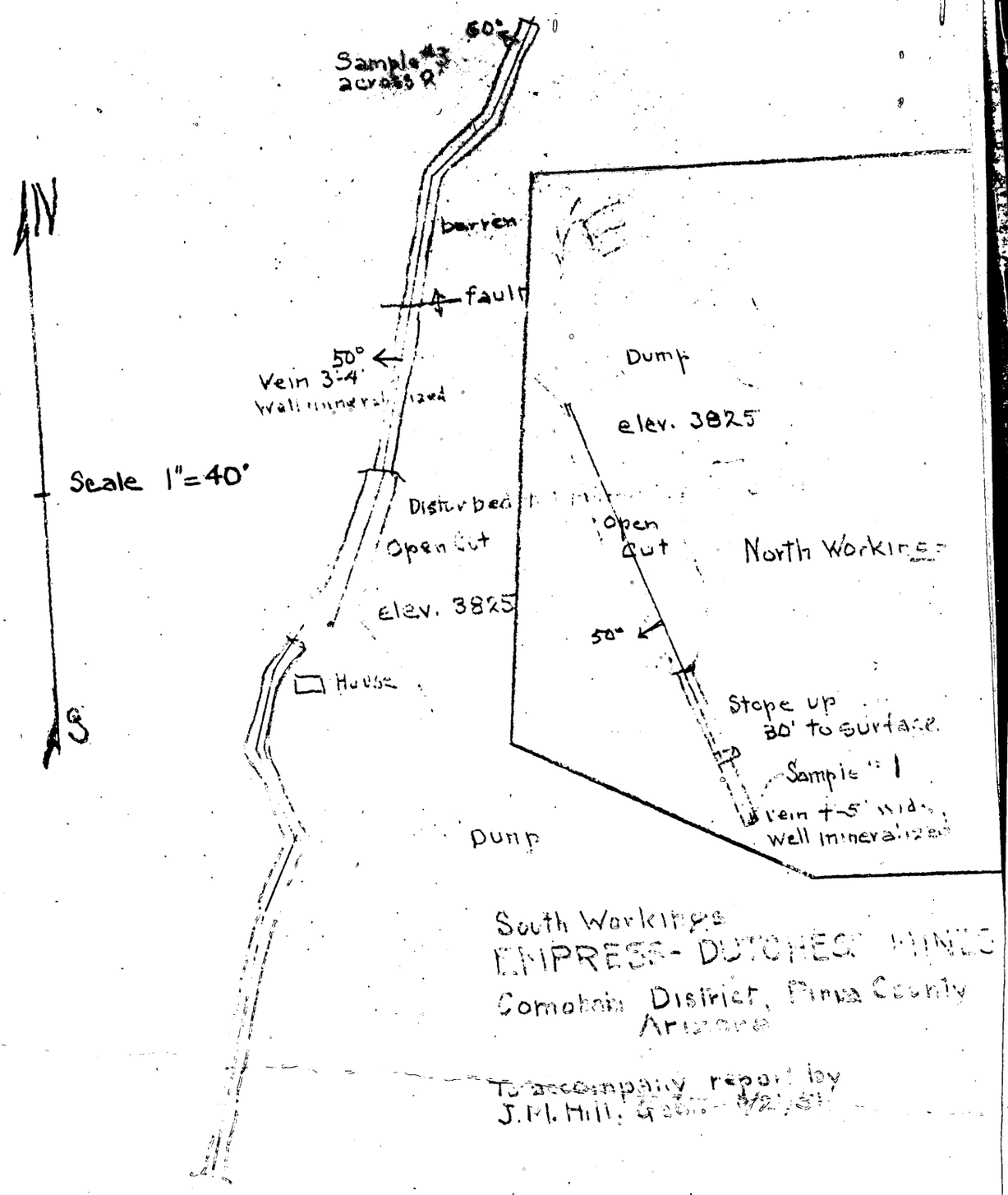
Traced by J.M.H. 5/20/51

Map # 2



Map of Patented Claims traced from Plat at the office of the Indian Service, Sells, Arizona by J. M. Hill, 5/17/51

J. M. Hill, Geol. 5/2/51


Map 3
60°
Sample #3
across 8'
N
barren
fault
50°
Vein 3'-4'
Well mineralized
Scale 1"=40'
Disturbed
Open Cut
elev. 3825
House
S
Dump
elev. 3825
Open
Cut
North Workings
50°
Stope up
30' to surface.
Sample #1
Vein 4-5' wide
well mineralized
Dump
South Workings
EMPRESS - DUTCHESS MINES
Comobabi District, Pima County
Arizona
To accompany report by
J.M. Hill, Geologist
Cut
Old Tunnel elev. 3790