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Reconstruction Finance Corporation Arizona Records

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October 20, 1943

Re: R. A. Thurstin
Docket No. ND-8498

GOHRING, SUPERVISING ENGINEER, MINING DIVISION, RFC, PHOENIX

At your request, I visited Mr. Thurstin in Chloride on October 12th, with regard to his request for a reconsideration of his application for a loan. The original request for a loan was declined on September 9th on the ground that insufficient factual evidence had been submitted. Mr. Thurstin now presents an amended request for a loan in the sum of \$2500 and submits additional information, consisting principally of an affidavit by Mr. Ed Mingle, who was a former superintendent of the property, and a report by Elgin Holt, Field Engineer for the Arizona Department of Mineral Resources. I would comment upon the proposed project as follows:

APPLICANT: The applicant is an elderly man with considerable mining and civil engineering experience. He has lived in the Chloride area for the past eleven years and has conducted a consulting business, surveying, mapping, and sampling properties for small property holders in the region. His work has been done mainly for parties desiring to sell and his reports have leaned generally toward the optimistic side, apparently because otherwise there would be no work for him. He impressed me, however, as having a sound knowledge of mining, and I believe he is competent to direct the proposed development project. During my discussion with him, it was agreed mutually that the merit of the property could be determined by the expenditure of \$2500 rather than \$5,000. The reduced budget envisages cleaning out the adit but not the winze workings below water.

PAST PRODUCTION:

The property was actively developed during the period 1911-1913 and shipped 13 carloads of ore to the Needles smelter in California. I talked with Mr. Mingle, whose affidavit accompanies this new application. Mr. Mingle is 85 years old and at present a resident of Chloride. He is still active despite his age and speaks quite clearly regarding the situation at the mine when he had charge of the work. In the past he has been prominently connected with a number of developing and producing properties in the region and his record is respected in the community.

In 1941, a group of leases shipped 189 tons of ore which averaged: .55 oz au. 3.25 oz ag. 10% pb .1% zn. (inaccessible)
This ore was derived from an 80 foot level in a shaft on the hill above the main adit. A body of ore had been mined to the surface from the 50-foot level in this shaft many years ago and the leasers opened a new level from the shaft 30 ft. below this level. It is claimed that the ore continues in the floor of this new level and that it is the same shoot of ore which is developed in the adit workings. This appears to be a reasonable deduction.

Samples Nos. 1, 2 and 3 were taken from dumps at the portal of the adit for their possible inference regarding past production. Sample No. 1, apparently second-class ore, was taken from a portion of the main coarse dump. This sample, representing approximately 50 tons assayed:

Sample	oz. au.	Oz. ag.	% cu	% pb.	% zn
No. 1	.20	3.0	.05	6.53	1.05

The balance of the dump appears to be barren or low grade. A large portion of the original dump appears to have washed down the canyon.

Samples Nos. 2 and 3 represent fine and coarse tailings from the old jig operation at the portal of the tunnel. The tailings dump contain several hundred tons.

PROPOSED WORK:

The applicant proposes to clean out the main adit and thus make accessible for sampling the reported shoot of ore near its end. The adit is now open to 184 feet. Mr. Mingle recalls that he cleaned out a 35' length of caved ground at this point in 1911, but that the balance of the drift was in firm ground.

CONCLUSION:

I believe that the record of early production is reasonably authentic and this, with the recent leaser production, substantiated by settlement records, points to the probable presence here of a shoot of gold-silver-lead ore (with probably some zinc) which could be profitably mined at "A" premium prices for the lead and zinc. I would favor granting a loan to project.

TRAVIS P. LANE
Supervising Engineer

b

No. 159-52

Phoenix, Arizona,

Oct. 18, 1943.

CHAS. A. DIEHL

ARIZONA ASSAY OFFICE

Phone 3-4001

815 North First Street

P. O. Box 1148

This Certifies That samples submitted for assay by W. J. P. Lane.

contain as follows per ton of 2000 lbs. Avoir.

No.	MARKS	Dith	SILVER		VALUE (Oz.)	GOLD		VALUE (Oz.)	TOTAL VALUE	% PERCENTAGE %			REMARKS
			Ounces	Tenths		Ounces	Hundths	Of Gold and Silver	Lead	Copper	Zinc		
1		Dumb	3	0		.20		7.00		6.55	.05	1.05	
2		"		.1		.07		1.40		.70	.05	1.05	
3		"		.3		.07		1.40		1.21	.03	1.10	

Charges \$ 18.50

Assayer WILSON ASSAY OFFICE

AD

Granted

U

ND 8498
October 21, 1943
October 2, 1943
October 22, 1943

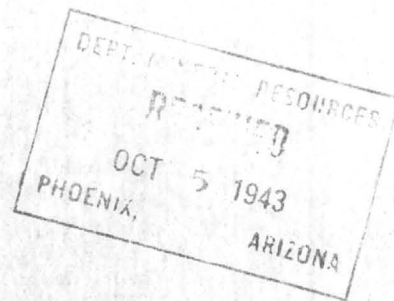
- (A) Under date of August 30, 1943 recommendation of a \$5,000 loan on this property was reserved on the grounds of insufficient acceptable factual evidence of ore (7-B of previous report) to be exposed by means of this expenditure.
- (B) Subsequent to August 30, 1943, Mr. Ed Mingle of Chloride, Arizona has stated, under oath, that certain conditions and exposures exist in the area to be made accessible. This affidavit is acceptable in that another property in the area, rehabilitated with private capital by the writer, confirmed Mr. Mingle's representations in every respect. It is therefore considered that this affidavit supplies evidence of ore.
- (C) In view of additional docketed material this loan is recommended in the revised amount.

Earl F. Hastings, Projects Engineer

October 4, 1943

MEMORANDUM

To: J. S. Coupal
From: Elgin B. Holt
Subject: RFC Loan Application, New Jersey Mine,
R. A. Thurstin, Box 223, Chloride, Arizona



I am herewith enclosing my report on the NEW JERSEY MINE, belonging to R. A. Thurstin and located adjacent to the Tennessee-Schuykill property near Chloride.

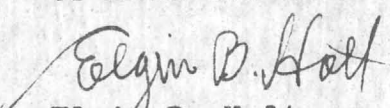
Thurstin called on me on September 30 and advised that he had applied for an RFC "accessibility loan" in the sum of \$5000, with which to clean out and rehabilitate this old property; but that his application was denied by RFC on the grounds that there is an insufficient showing of ore, as judged by RFC from data submitted by applicant. He also stated that this opinion was formed by RFC without sending an engineer to examine the property. Thurstin asked me to go with him and look the property over with the end in view of trying to have RFC reconsider his application. Hence, the following day I visited this property with him, and gathered data from which I have compiled the report above mentioned.

As I have stated in this report, "An important factor in determining the prospective value of the New Jersey mine is to consider the merit and importance of the surrounding properties."

As you will note from my report, the New Jersey vein is an off-shoot or intersecting vein from or to the Tennessee vein. Also, the New Jersey vein parallels the Pay Roll vein, lying to south, and the Hercules-Badger vein series on the north. All of these veins and many others surrounding the Tennessee are well-defined deep-seated fissure veins in which zinc-lead sulphide ores are found at shallow depth.

From the above facts, I recommend that RFC give the said application, of Thurstin, due consideration, at least to the extent of sending an engineer to examine the property.

Kindly have copies made of my report and this letter, and hand or mail the same to Mr. Gohring for his consideration.


Elgin B. Holt,
Field Engineer.

cc - R. A. Thurstin

Mine	NEW JERSEY. Pb., Zn.	Date	August 30, 1943
District	Wallapai	Engineer	Earl F. Hastings
Subject:	Reconstruction Finance Corporation Mine Loan		

Phx C-241
August 27, 1943
August 29, 1943

- ARIZONA DEPARTMENT OF MINERAL RESOURCES

Re: R. A. Thurstin
Pocket No. ND-8498

GOHRING, SUPERVISING ENGINEER, MINING DIVISION, RFC, PHOENIX

At your request, I visited Mr. Thurstin in Chloride on October 12th, with regard to his request for a reconsideration of his application for a loan. The original request for a loan was declined on September 9th on the ground that insufficient factual evidence had been submitted. Mr. Thurstin now presents an amended request for a loan in the sum of \$2500 and submits additional information, consisting principally of an affidavit by Mr. Ed Mingle, who was a former superintendent of the property, and a report by Elgin Holt, Field Engineer for the Arizona Department of Mineral Resources. I would comment upon the proposed project as follows:

APPLICANT: The applicant is an elderly man with considerable mining and civil engineering experience. He has lived in the Chloride area for the past eleven years and has conducted a consulting business, surveying, mapping, and sampling properties for small property holders in the region. His work has been done mainly for parties desiring to sell and his reports have leaned generally toward the optimistic side, apparently because otherwise there would be no work for him. He impressed me, however, as having a sound knowledge of mining, and I believe he is competent to direct the proposed development project. During my discussion with him, it was agreed mutually that the merit of the property could be determined by the expenditure of \$2500 rather than \$5,000. The reduced budget envisages cleaning out the adit but not the winze workings below water.

PAST PRODUCTION:

The property was actively developed during the period 1911-1913 and shipped 13 carloads of ore to the Needles smelter in California. I talked with Mr. Mingle, whose affidavit accompanies this new application. Mr. Mingle is 85 years old and at present a resident of Chloride. He is still active despite his age and speaks quite clearly regarding the situation at the mine when he had charge of the work. In the past he has been prominently connected with a number of developing and producing properties in the region and his record is respected in the community.

In 1941, a group of leases shipped 189 tons of ore which averaged: .55 oz au. 3.25 oz ag. 10% pb .1% zn. This ore was derived from an 80 foot level in a shaft on the hill above the main adit. A body of ore had been mined to the surface from the 50-foot level in this shaft many years ago and the leasers opened a new level from the shaft 30 ft. below this level. It is claimed that the ore continues in the floor of this new level and that it is the same shoot of ore which is developed in the adit workings. This appears to be a reasonable deduction.

10-20-43

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Sample	oz. au.	Oz. ag.	% cu	% pb.	% zn
No. 1	.20	3.0	.05	6.53	1.05

The balance of the dump appears to be barren or low grade. A large portion of the original dump appears to have washed down the canyon.

Samples Nos. 2 and 3 represent fine and coarse tailings from the old jig operation at the portal of the tunnel. The tailings dump contain several hundred tons.

PROPOSED WORK:

The applicant proposes to clean out the main adit and thus make accessible for sampling the reported shoot of ore near its end. The adit is now open to 194 feet. Mr. Mingle recalls that he cleaned out a 35' length of caved ground at this point in 1911, but that the balance of the drift was in firm ground.

CONCLUSION:

I believe that the record of early production is reasonably authentic and this, with the recent leaser production, substantiated by settlement records, points to the probable presence here of a shoot of gold-silver-lead ore (with probably some zinc) which could be profitably mined at "A" premium prices for the lead and zinc. I would favor granting a loan to project.

TRAVIS P. LANE
Supervising Engineer

b

October 4, 1943

MEMORANDUM

TO: J. S. Coupal
FROM: Elgin B. Holt
SUBJECT: RFC Loan Application, New Jersey Mine,
R. A. Thurstin, Box 223, Chloride, Arizona

I am herewith enclosing my report on the NEW JERSEY MINE, belonging to R. A. Thurstin and located adjacent to the Tennessee-Schuykill property near Chloride.

Thurstin called on me on September 30 and advised that he had applied for an RFC "accessibility loan" in the sum of \$5,000, with which to clean out and rehabilitate this old property, but that his application was denied by RFC on the grounds that there is an insufficient showing of ore, as judged by RFC from data submitted by applicant. He also stated that this opinion was formed by RFC without sending an engineer to examine the property. Thurstin asked me to go with him and look the property over with the end in view of trying to have RFC reconsider his application. Hence, the following day I visited this property with him, and gathered data from which I have compiled the report above mentioned.

As I have stated in this report, "An important factor in determining the prospective value of the New Jersey mine is to consider the merit and importance of the surrounding properties."

As you will note from my report, the New Jersey vein is an off-shoot or intersecting vein from or to the Tennessee vein. Also, the New Jersey vein parallels the Pay Roll vein, lying to south, and the Hercules-Badger vein series on the north. All of these veins and many others surrounding the Tennessee are well-defined deep-seated fissure veins in which zinc-lead sulphide ores are found at shallow depth.

From the above facts, I recommend that RFC give the said application, of Thurstin, due consideration, at least to the extent of sending an engineer to examine the property.

Kindly have copies made of my report and this letter, and hand or mail the same to Mr. Gohring for his consideration.

/s/ Elgin B. Holt
Field Engineer

cc - R. A. Thurstin

No. 159 La

CHAS. A. DIEHL

Phoenix, Arizona,

Oct. 19, 1943.

ARIZONA ASSAY OFFICE

Phone 3-4001

815 North First Street

P. O. Box 1148

This Certifies That samples submitted for assay by Mr. T. P. Lane.

contain as follows per ton of 2000 lbs. Avoir.

No.	MARKS	SILVER		VALUE (Oz.)		GOLD		VALUE (Oz.)		TOTAL VALUE Of Gold and Silver	PERCENTAGE			REMARKS
		Ounces	Tenths			Ounces	Hundths				Lead	Copper	Zinc	
1	Dump	3	0			.20		\$7.00			6.53	.05	1.05	
2	"		1			.07		\$1.40			.70	.05	1.05	
3	"		3			.07		\$1.40			1.21	.03	1.10	

Charges \$ 13.50Assayer ARIZONA ASSAY OFFICE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Granted

Mine NEW JERSEY. Pb., Zn. Date October 22, 1943
District Wallapai Engineer Earl F. Hastings
Subject: Reconstruction Finance Corporation
Mine Loan

Docket No. ND 8498
Date Application Received October 21, 1943
Date of Examination (E. B. Holt) October 2, 1943
Date of Report October 22, 1943

1. Name and address of applicant (correspondent):
R. A. Thurstin, Box 223, Chloride, Arizona.
2. Character of project and estimated cost thereof:
Pb., Zn. Rehabilitate 500-foot adit to expose ore shoot from which previous production was obtained, \$2,500.00.
3. Location of property:
Wallapai Mining District, near Chloride, Mohave County, Arizona.
4. Applicant's interest in or ownership of property:
Applicant is owner by location.
5. Loan requested:
\$2,500.00.
6. Loan recommended:
\$2,500.00.
7. Comments:
(A) Under date of August 30, 1943 recommendation of a \$5,000 loan on this property was reserved on the grounds of insufficient acceptable factual evidence of ore (7-B of previous report) to be exposed by means of this expenditure.
(B) Subsequent to August 30, 1943, Mr. Ed Mingle of Chloride, Arizona has stated, under oath, that certain conditions and exposures exist in the area to be made accessible. This affidavit is acceptable in that another property in the area, rehabilitated with private capital by the writer, confirmed Mr. Mingle's representations in every respect. It is therefore considered that this affidavit supplies evidence of ore.
(C) In view of additional docketed material this loan is recommended in the revised amount.

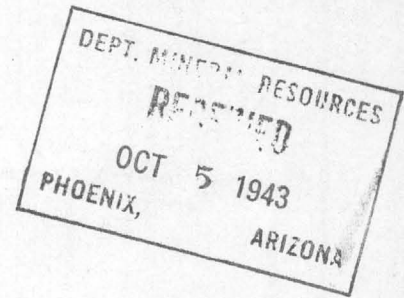
ARIZONA DEPARTMENT OF MINERAL RESOURCES

Earl F. Hastings, Projects Engineer

October 4, 1943

MEMORANDUM

To: J. S. Coupal
From: Elgin B. Holt
Subject: RFC Loan Application, New Jersey Mine,
R. A. Thurstin, Box 223, Chloride, Arizona



I am herewith enclosing my report on the NEW JERSEY MINE, belonging to R. A. Thurstin and located adjacent to the Tennessee-Schuykill property near Chloride.

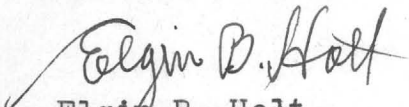
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Kindly have copies made of my report and this letter, and hand or mail the same to Mr. Gohring for his consideration.


Elgin B. Holt,
Field Engineer.

cc - R. A. Thurstin

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine	NEW JERSEY.	Pb., Zn.	Date	August 30, 1943
District	Wallapai		Engineer	Earl F. Hastings
Subject:	Reconstruction Finance Corporation Mine Loan			

Docket No.	Phx C-241
Date Application Received	August 27, 1943
Date of Report	August 29, 1943

1. Name and address of applicant (correspondent):
R. A. Thurstin, Box 223, Chloride, Arizona.
2. Character of project and estimated cost thereof:
Pb., Zn. Clean out and repair 500 feet of tunnel, dewater 100 foot winze, and sample workings. \$5,000.00.
3. Location of property:
Wallapai Mining District, near Chloride, Mohave County, Arizona.
4. Applicant's interest in or ownership of property:
Applicant is owner by location.
5. Loan requested:
\$5,000.00.
6. Loan recommended:
None.
7. Comments:
(A) This property was, until recently, owned by Armishaw and Mingle of Chloride, Arizona. Dumps at the property were sampled by the writer several years ago as a possible source of additional ore for a custom mill then being operated at Chloride, Arizona. Exact analysis of dump ore is not recalled, but it is recalled that the values claimed by MacDuffee were not equalled, particularly in reference to gold and silver values.
(B) Some MacDuffee reports are more favorably looked upon from a promotional rather than technical angle and, as such, are not of great consequence for evaluation purposes. Personal experience in the district has determined that his reported values are difficult to duplicate through either accepted sampling practice or actual extraction. The optimism of the report must therefore be somewhat tempered. Unfortunately there are no other reports or statements relative to the deposition which might guide. It is therefore considered that no acceptable evidence of ore is submitted.
(C) The applicant is not highly regarded locally as either an operator or engineer.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Earl F. Hastings, Projects Engineer