600 MAR 2 4 1952

Roby Bell
56 North Balch Street
Akron 3, Ohio

Subject: DMA Docket No. 2094 (Fluorspar)
Robb's Farm
Pope County, Illinois

Dear Mr. Bell:

Reference is made to your letter of March 18, 1952, requesting information on exploration assistance application No. DMA-2094.

Under date of March 10, 1952 you were advised that your application was denied. You, no doubt, have received this information:

"We find that the proposed project does not warrant Government participation in any amount. The application contains no information to support the probability of making a significant discovery of fluorspar on the property."

Sincerely yours,

C. O. Mittendorf

Acting Administrator
Defense Minerals Exploration
Administration

LCHouk:gad 3/24/52

Copy to: Admin. Reading File
Docket File
Mr. Davis, 3519
Mr. VanAlstine, G-232, GSA Bldg.
Mr. F. E. Johnson
Field Team, Region VIII (2)
Mr. Houk

MAR 10 1952

Mr. F. S. Bell
Colcondа
Pope County, Illinois

Re: DMA Docket No. 2094 (Fluorspar)
Robb's Farm
Pope County, Illinois

Dear Mr. Bell:

Your application for aid for an exploration project, dated September 11, 1951, in the sum of $4,000, has been carefully reviewed by this office.

We find that the proposed project does not warrant Government participation in any amount. The application contains no information to support the probability of making a significant discovery of fluorspar on the property.

In view of the lack of substantiating information in support of the proposed project, we find it necessary to deny herewith your application under Docket No. DMA-2094

Sincerely yours,

C. O. Mittenderf

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson/F Johnson/mp/dh
3/6/52
cc to: Docket
Admr's. Reading File
Messrs. David R-3519
Van Alstine G-232 OSA Bldg.
Houk
Robinson
F Johnson
Field Team, Region VIII (2)

FILE COPY
SURNAME:

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C. 600

Houk

MAR 24 1952

Roby Bell
56 North Balch Street
Akron 3, Ohio

Subject: DMA Docket No. 2094 (Fluorspar)
Robb's Farm
Pope County, Illinois

Dear Mr. Bell:

Reference is made to your letter of March 18, 1952, requesting information on exploration assistance application No. DMA-2094.

Under date of March 10, 1952 you were advised that your application was denied. You, no doubt, have received this information:

"We find that the proposed project does not warrant Government participation in any amount. The application contains no information to support the probability of making a significant discovery of fluorspar on the property."

Sincerely yours,

S.N. 3.24.52

C. O. Mittendorf (for)
Acting Administrator
Defense Minerals Exploration Administration

LGHouk:gad 3/24/52

Copy to: Admin. Reading File
Docket File
Mr. Davis, 3519
Mr. VanAlstine, G-232, GSA Bldg.
Mr. F. E. Johnson
Field Team, Region VIII (2)
Mr. Houk

MF-500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

REFERENCE SLIP

DATE 3-21-52

REFERRED TO:

1. Code 600-Am. 4635
2. Demuth
3.
4.

FOR:

..... Action	..... Recommendation
..... Approval	..... Record of .....
..... Comment	..... Referring to .....
..... Conference	..... Reply for signature of .....
..... Consideration	..... Rewriting
..... Filing	..... Signature
..... Instructions	..... Suggestions
..... Investigation	..... Your information
..... Initials	
..... Mailing	
..... Previous correspondence	

REMARKS: .....

Check (X) before the items needing attention.

Adams (Mel)
Initials of sender.

GPO 16—63815-1

Tuesday
March 18, 1952

Subject DMA—2094
Re. Exploration Loan
Robbs Farm

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 21 1952

Dear Sir—

I am writing concerning the above application dated Sept. 21 1951. We have heard nothing further since Sept. and would like to know if said Application is still on file or if the Loan has been approved.

Can you give us some definite information as to whether or or not we can expect a Loan?

Please advise concerning the above.

Sincerely yours,
Roby Bell

(over)

Roby Bell
56 N. Balch St.
Akron 3, Ohio

J.a.

FILE COPY
SURNAME:

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

Thayer
Hedges
FEJohnson

MAR 1 0 1952

Mr. F. A. Bell
Golconda
Pope County, Illinois

Re: DMA Docket No. 2094 (Fluorspar)
Robb's Farm
Pope County, Illinois

Dear Mr. Bell:

Your application for aid for an exploration project, dated September 11, 1951, in the sum of $4,000, has been carefully reviewed by this office.

We find that the proposed project does not warrant Government participation in any amount. The application contains no information to support the probability of making a significant discovery of fluorspar on the property.

In view of the lack of substantiating information in support of the proposed project, we find it necessary to deny herewith your application under Docket No. DMA-2094

Sincerely yours,

C. O. Mittendorf (for) J.N. 3-10-52

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson/FEJohnson/mp/bih
2/6/52
cc to: Docket
Admr's. Reading File
Messrs. David R-3519
Van Alstine G-232 GSA Bldg.
Houk
Robinson
FEJohnson
Field Team, Region VIII (2)

FILE COPY
SURNAME:

Robertson
Houk
Davis
Van Alstine

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

600

Mr. F. A. Bell
Golconda
Pope County, Illinois

Subject: Docket No. DMA-2094-Fluorspar
Robb's Farm
Pope County, Illinois

Dear Mr. Bell:

Your application for an exploration project loan, dated September 11, 1951, in the sum of $4,000, has been carefully reviewed by this office.

We find that the proposed project does not warrant Government participation in any amount. The application contains no information to support the probability of the occurrences on the property of substantial amounts of fluorspar.

In view of the lack of substantiating information in support of the proposed project, we find it necessary to deny herewith your application under Docket No. DMA-2094.

Sincerely yours,

Acting Administrator
Defense Minerals Exploration
Administration

JTRobertson:mp
3/3/52
cc: Act. Administrator
Field Team, Region VIII (2)
Mr. Davis, Room 3519
Mr. Van Alstine, G-232, GSA Bldg.
Mr. Houk
Mr. Robertson
Docket File

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

February 19, 1952

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: H. W. Davis, Bureau of Mines

Subject: DMA-2094X, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois

From the information submitted by the applicant there is no evidence that there is any fluorspar in the property, consequently, unless applicant submits specific information I suggest that no further action be taken on the application.

H. W. Davis

H. W. Davis

FILE COPY
Surname:

Davis
Josephson

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

February 19, 1952

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: H. W. Davis, Bureau of Mines

Subject: DMA-2094X, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois

From the information submitted by the applicant there is no evidence that there is any fluorspar in the property, consequently, unless applicant submits specific information I suggest that no further action be taken on the application.

H. W. Davis

HWDavis:cb

Copy to: G. W. Josephson
H. W. Davis
Files

IN REPLY REFER TO:

G-MD-REVA

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

DMA-2094

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph E. Van Alstine, U. S. Geological Survey

Subject: DMA-2094X, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph E. Van Alstine

Ralph E. Van Alstine

Attachments

IN REPLY REFER TO:

G-MD-RaVA

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

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph E. Van Alstine, U. S. Geological Survey

Subject: DMA-20941, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph E. Van Alstine

Attachments

REVan Alstine:jeh
~~copied 12/5/51~~ DMPA
copy to: Director's Reading file 4212
Branch Reading 4212
DMPA files
JJNorton, G-228, GSA Bldg.
REVan Alstine, G-232 GSA Bldg.
H.W. Davis, USBM

IN REPLY REFER TO:

G-MD-REWA

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

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph E. Van Alstine, U. S. Geological Survey

Subject: DMA-2094X, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph E. Van Alstine

Attachments

copies to: DMPA

IN REPLY REFER TO:

G-MD-REVA

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

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph E. Van Alstine, U. S. Geological Survey

Subject: DMA-2094X, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph E. Van Alstine

Attachments

copies to: DMPA ✓

IN REPLY REFER TO:
G-MD-REWA

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

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph E. Van Alstine, U. S. Geological Survey

Subject: DMA-2094X, Ball Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph E. Van Alstine

Attachments

copies to: DMPA

IN REPLY REFER TO:

G-MD-RSWA

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

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph W. Van Alstine, U. S. Geological Survey

Subject: DMA-20941, Bell Brothers application for assistance to explore for fluorspar on Mebus Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph W. Van Alstine

Attachments

copies to: DMPA ✓

IN REPLY REFER TO:

G-MD-RGVA

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

December 5, 1951

Memorandum

To: Lawrence Houk, Defense Minerals Exploration Administration

From: Ralph E. Van Alstine, U. S. Geological Survey

Subject: DMA-2094X, Bell Brothers application for assistance to explore for fluorspar on Robbs Farm, Sec. 26, T. 13 S., R. 6 E., near Golconda, Pope County, Illinois.

The applicant has not submitted any data in support of his statement that fluorspar is the chief mineral on this property, which he mentions was explored previously for lead. The assay data presented show that insignificant quantities of lead and zinc were found in the samples tested by the Missouri School of Mines and the National Lead Company. The two specimens that the applicant submitted to the Illinois Geological Survey were reported to be barite and not fluorspar.

The applicant's attorney wrote on September 11 that analyses for fluorspar would be sent later, but has not supplied them. His answers inserted after the questions in Mr. Mosier's letter of September 13 are very incomplete and inadequate (see attached photostats).

As the probability of making a significant discovery of fluorspar on the applicant's property has not been demonstrated, the applicant has not shown justification for the proposed project.

Ralph E. Van Alstine

Attachments

copies to: DMPA ✓

Bell Brothers
Mr. Roby Bell
56 N. Balch Street
Akron 3, Ohio

Subject: DMA-2094X
Re: Exploration Loan
Robbs Farm

My dear Mr. Bell:

This will acknowledge receipt of your application dated September 21, 1951 for a loan under the Defense Production Act of 1950.

Your application was assigned Docket Number DMA- 2094X and referred to the Industrial Minerals Branch.

Kindly refer to DMA-2094 in any future correspondence relating to your application.

Sincerely yours,

Robert E. Adams

Robert E. Adams, Chief
Reports and Records Unit

2463

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
College Park, Maryland

September 20, 1951

DMA-2094

Memorandum

To: Tom Lyon, Chairman
Coordinating Committee

From: Executive Officer
Bureau-Survey Field Team
Region VIII

Subject: Bell Brothers, Roby Bell, et al
Fluorspar deposit near Golconda, Pope Co., Ill.

Attached in quadruplicate are forms MF-100 and MF-103 executed by subject applicant and copy of our letter of September 13 to Mr. Lewis D. Slusser, Attorney at Law, Akron, Ohio.

McHenry Mosier

Attachments

DEFENSE MINERALS ADMINISTRATION WASHINGTON, D.C.
SEP 21 2 45 PM '51

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
College Park, Maryland

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding [illegible] on a fluorspar deposit near Hollman, [illegible] states application [illegible] Triplicate executed forms were [illegible].

Suggestions regarding [illegible]

Question 6 - answer [illegible].
Question 23(c) - you [illegible] it can be work for [illegible] [illegible] of four [illegible].

Suggestions regarding [illegible]

Question 2 should [illegible]
Below item [illegible]
(a) [illegible]
(b)(c) [illegible]
[illegible]
[illegible] to work.

[illegible]

To: Van Alstyne

Here is the returned letter where Slusser wrote illegibly between the lines. This may help some but I doubt it

Hook.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON, D.C.~~
College Park, Maryland

September [illegible], [illegible]

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application of [illegible] on a fluorspar deposit near Golconda, Pope County, Illinois, [illegible] states application "shall be submitted in quadruplicate on [illegible]. Triplicate executed forms were received.

Suggestions regarding Form [illegible]-1[illegible]:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a [illegible] fit and do work for $4,000. [illegible] drilling of four 400-foot holes [illegible].

Suggestions regarding Form [illegible]-100:

Question 2 should probably read:
Robbs Farm (formerly [illegible]) - [illegible]
(a) 5'x5' - [illegible] feet [illegible].
(b)(c)(d) [illegible].
(Mine Lot Lease - [illegible] available water - [illegible].
Question 7 (a) for lease - [illegible] to work.
(b) for [illegible]
Question 12(a) showing of fluorspar
(b) [illegible]
(c)
(d) does not [illegible] answers.
Question 14 - no power [illegible] could be developed.

Applicants: [illegible]
[illegible]

Inclosed are [illegible] execute one of each [illegible] take care of [illegible] [illegible] received. No additional [illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON, D.C.~~
College Park, Maryland

September 13, 1951

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application of [illegible] on a fluorspar deposit near Golconda, Pope County, Illinois, [illegible] states application "shall be submitted in quadruplicate on Form [illegible]-103". Triplicate executed forms were received.

Suggestions regarding Form [illegible]-103:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a core drilling outfit and do work for $4,000. Stick to contract diamond drilling of four 400-foot holes at $2.50 a foot - $4,000.

Suggestions regarding Form [illegible]-100:

Question 2 should probably read:
Robbs Farm (formerly Clark Farm) - Fluorite [illegible].
(a) 5'x5' - 24 feet deep.
(b)(c)(d) O.K.
(e) Mine not flooded - water can be handled with available pumps - 2-4" hand [illegible].
Question 7 (a) for lease - probably not [illegible] to work.
(b) for what mineral or [illegible]?
Question 12(a) showing of fluorspar?
(b)(1) not developed.
(2) " "
(c) does not apply to this deposit so [illegible] answers.
Question 14 - no power used as yet. [illegible] could be developed.

Appendix: Samples - where, when and by whom were these samples taken?

Enclosed are two copies each of form [illegible]. Execute one of each according to suggestions above [illegible] take care of the three copies we have [illegible] received. No additional copies of the lease are [illegible].

[illegible]

[illegible]

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
College Park, Maryland

September 13, 1951

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application of [illegible] on a fluorspar deposit near Golconda, Pope County, Illinois, [illegible] states application "shall be submitted in quadruplicate on Form [illegible]-[illegible]. Triplicate executed forms were received.

Suggestions regarding Form [illegible]-103:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a core drilling [illegible] fit and do work for $4,000. Stick to contract [illegible] drilling of four 400-foot holes at [illegible] foot - [illegible]

Suggestions regarding Form MF-100:

Question 2 should probably read:
Robbs Farm (formerly Clark Farm) - [illegible].
(a) 5'x5' - 24 feet deep.
(b)(c)(d) O.K.
(Mine not flooded - water can be [illegible] available pumps - 1-4" hand pump.
Question 7 (a) for lead - probably not [illegible] to work.
(b) for what minerals or minerals?
Question 12(a) showing of fluorspar?
(b)(1) not developed.
(2) " "
(c) does not apply to this [illegible] answers.
Question 14 - no power used at job. [illegible] could be developed.

Appendix: Samples - where, what [illegible] samples taken?

Inclosed are two copies each of Form [illegible]. Execute one of each according to suggestions above [illegible] take care of the three copies we have when [illegible] received. No additional copies of the lease are needed.

Very truly yours,

[illegible]
[illegible]
[illegible]
[illegible]

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON, D.C.~~
College Park, Maryland

September 13, 1951

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application of Bell Brothers on a fluorspar deposit near Golconda, Pope County, Illinois, DO-5 states application "shall be submitted in quadruplicate on Form MF-103". Triplicate executed forms were received.

Suggestions regarding Form MF-103:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a core drilling outfit and do work for $4,000. Stick to contract diamond drilling of four 400-foot holes at $2.50 a foot - $4,000.

Suggestions regarding Form MF-100:

Question 2 should probably read:
Robbs Farm (formerly Clark Farm) - Fluorite [illegible].
(a) 5'x5' - 24 feet deep.
(b)(c)(d) O.K.
(e) Mine not flooded - water can be handled with available pumps - 1-4" hand pump.
Question 7 (a) for lead - probably not enough lead there to work.
(b) for what mineral or minerals?
Question 12(a) showing of fluorspar?
(b)(1) not developed.
(2) " "
(c) does not apply to this deposit so omit no answers.
Question 14 - no power used as yet. Little amount of water could be developed.

Appendix: Samples - where, when and by whom were these samples taken?

Enclosed are two copies each of form [illegible]. Execute one of each according to suggestions above [illegible] take care of the three copies we have with those [illegible] received. No additional copies of the lease are needed.

Very truly yours,

[illegible]
[illegible]
Region [illegible]

Attachments

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
[illegible]
College Park, Maryland

September 13, [illegible]

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application [illegible] on a fluorspar deposit near Golconda, Pope County, Illinois, [illegible] states application "shall be submitted in quadruplicate [illegible]. Triplicate executed forms were received.

Suggestions regarding Form MF-103:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a core [illegible] fit and do work for $4,000. Stick to contract [illegible] drilling of four 400-foot holes as [illegible] 2000 - [illegible].

Suggestions regarding Form MF-100:

Question 2 should probably read:
Robbs Farm (formerly Clark Farm) - [illegible]
(a) 5'x5' - 24 feet deep.
(b)(c)(d) O.K.
Mine not flooded - water can be [illegible]
available pumps - 1-4" land [illegible].
Question 7 (a) for lead - probably not [illegible] to work.
(b) for what minerals [illegible]
Question 12(a) showing of fluorspar:
(b)(1) not developed.
(2) " "
(c) does not apply to [illegible]
answers.
Question 14 - no power used [illegible] could be developed.

Appendix: Samples - where, [illegible]
Samples taken?

Enclosed are two copies [illegible]. Execute one of each according to [illegible]. Take care of the three copies [illegible] received. No additional copies of the [illegible]

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON, D.C.~~
College Park, Maryland

September 13, 1951

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application of Bell Brothers on a fluorspar deposit near Golconda, Pope County, Illinois, we-y states application "shall be submitted in quadruplicate on Form MF-103". Triplicate executed forms were received.

Suggestions regarding Form MF-103:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a core drilling outfit and do work for $4,000. Stick to contract diamond drilling of four 400-foot holes at $2.50 a foot - $4,000.

Suggestions regarding Form MF-100:

Question 2 should probably read:
Robbs Farm (formerly Clark Farm) - Fluorite [illegible].
(a) 5'x5' - 24 feet deep.
(b)(c)(d) O.K.
(e) Mine not flooded - water can be handled with available pumps - 1-4" hand pump.
Question 7 (a) for lead - probably not enough lead found to work.
(b) for what mineral or minerals?
Question 12(a) showing of fluorspar?
(b)(1) not developed.
(2) " "
(c) does not apply to this deposit so needs no answers.
Question 14 - no power used as yet. Limited amount of [illegible] could be developed.

Appendix: Samples - where, when and by whom were these samples taken?

Enclosed are two copies each of forms MF-100 and MF-103. Execute one of each according to suggestions above and return [illegible] take care of the three copies we have when these revised forms are received. No additional copies of the loan are needed.

Very truly yours,

Attachments

[illegible]
[illegible]
[illegible]
[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
~~WASHINGTON 25, D.C.~~
College Park, Maryland

September 13, 1951

Mr. Lewis D. Slusser, Attorney at Law
401-402 Akron Savings & Loan Building
Akron, Ohio

Dear Mr. Slusser:

Regarding the exploratory loan application of Bell Brothers on a fluorspar deposit near Golconda, Pope County, Illinois, MO-5 states application "shall be submitted in quadruplicate on Form MF-103". Triplicate executed forms were received.

Suggestions regarding Form MF-103:

Question 8 - answer inadequate.
Question 23(e) - you could not buy a core drilling outfit and do work for $4,000. Stick to contract diamond drilling of four 400-foot holes at $2.50 a foot - $4,000.

Suggestions regarding Form MF-100:

Question 2 should probably read:
Robbs Farm (formerly Clark Farm) - Fluorite prospect.
(a) 5'x5' - 24 feet deep.
(b)(c)(d) O.K.
Mine not flooded - water can be handled with available pumps - 1-4" hand pump.
Question 7 (a) for lead - probably not enough lead found to work.
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Question 12(a) showing of fluorspar?
(b)(1) not developed.
(2) " "
(c) does not apply to this deposit so needs no answers.
Question 14 - no power used as yet. Limited amount of water could be developed.

Appendix: Samples - where, when and by whom were these samples taken?

Enclosed are two copies each of forms MF-100 and MF-103. Execute one of each according to suggestions above and return . We will take care of the three copies we have when these revised forms are received. No additional copies of the lease are needed.

Very truly yours,

McHenry Mosier, Executive Officer
Bureau-Survey Field Team, DMA
Region VIII

copy for DMA Files 2

Attachments

September 11th, 1951

Mr. McHenry Mosier,
Executive Officer,
Bureau-Survey Field Team,
Defense Minerals Administration,
Region VIII,
College Park, Maryland.

Dm A-2094

Dear Sir:

In regard the application under Form M E-100 (May 1951) of Roby Bell, et al., for aid in defense minerals, especially fluorspar, for 2 miles west and 1½ miles south of Golconda, Pope County, Illinois.

Kindly find form M E -100 executed, together with reference to geological maps of Brownfield Quadrangle and Golconda Quadrangle of Illinois and Kentucky and also find analyses of minerals. This does not include fluorspar, the main mineral which I will send later.

Also find copy of mining lease covering the property in question and the original copy of M E - 100, the two said topographic maps and chemical analysis from the University of Missouri.

Also find three forms of M F 103, April, 1951 for Roby Bell et al. and answer to said form and reference to maps and copy of analysis. The analysis of fluorspar will be sent later. Also find a copy of said lease.

Very truly yours,

Lewis D. Slusser

Lewis D. Slusser, Attorney
for said Partnership.

LDS/AC
Enclosures

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-2094

Date received 9-21-51

Participation

Roby Bell, 56 N. Balch St., Akron 3, Ohio
Irving Bell, 75 Mt. View Ave., Akron 3, Ohio
W. V. Cousert, 23 E. Brookside Ave., Akron 1, Ohio
F. A. Bell, Golconda, Pope Co. Illinois.
Known as Bell Brothers - Partnership

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $4000.00

Mineral or metal

Percentage of Government participation one-half

Location of mine Golconda, Pope Co. Ill.
Township 13 South

Date of filing MF-100

DMA Docket Number, if available 2094

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 of the 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.

SEP 21 '51 8:00 AM
DEFENSE MINERALS ADMINISTRATION WASHINGTON, D. C.

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.

Baby Bell F A Bell is in Rose County Colo on the scan

(Name of company)

By _____
(Signature of authorized official)

9-11-57
(Date)

_____
(Title)

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

*Same as footnote on page 1.

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

M. F. 103

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDERS 5 A UNDER DEFENSE PRODUCTION ACT OF 1950.

THE APPLICANT

1. Partnership
2. Same as above
3.
4. Irving Bell for last eleven years Chief Steam Engineer, Midwest Rubber Reclaiming Plant, Barberton, Ohio
Roby Bell formerly at Goodrich Reclaiming Plant, Akron, Ohio, now at Bridgewater Machine Company, Akron, Ohio
F. A. Bell, Carpenter. 1 year at Aluminum Ore Mine, Roseclair, Illinois; 6 years prospecting in this area. 14 years in Pope County, Illinois prospecting.
W. V. Cousert, Rubber worker now in Firestone Tire and Rubber Company and has been since last four years.
5. Lessee.
6.
7. (Copies of Lease attached)
8. Not in production
9. Two Thousand Dollars. Yes, sufficient reasonable amount.
10. (a) See copy of lease under 7.
(b) " " " " " "
11. The Robbs Farm, the former name of which was, the Clark Farm.
12. See F M 100 - 3 (a).
13. Sufficient water to operate at all seasons.
14. A pump, hand hoist, hand tools.
15. Can be shipped by rail, highway or River. Could be milled at Roseclaire Aluminum Ore Mine about 12 miles on an A-1 highway, with all the latest types of machinery and equipment.
16. (a) Explored by geologists Blumfield & Black forty years ago or more. No mine operation, simply exploration for the location of lead.
(b) None to our knowledge except exploration of the adjoining forty.
(c) Report not available.
17.
18.
19. Workable the year round .
20. Fluorspar, lead, zinc and barite.
21. Intend to core drill property, complete sinking of shaft and unearth the minerals. Approximately 12-18 months.
22. See enclosed data.
23. (a)
(b)
(c)
(d)
(e) Buy a Core Drill
(f)
(g)
(h)
(i)

Core drilling 2 1/2 per foot 400' each, four holes along the fault, or buy tools and equipment and supply labor for the same at an equivalent expense.

24.

For maps see United States Geological Maps States of Illinois and Kentucky:

1. Brownfield Quadrangle and

2. Golconda Quadrangle

On Brownfield Map in red (1\4\6) where red line enterges at the east side of the map; thence two miles direct west and one and one-fourth miles direct south, is the site of exploration.

C
O
P
Y

NATIONAL LEAD COMPANY

St. Louis Smelting and Refining Division

Fredericktown, Missoiri.

February 23, 1950

Mr. F. C. Bell,
Golconda, Illinois

Dear Mr. Bell:

The two samples which you submitted with your letter of January 13, 1950 have been assayed and the results are as follows:

Mineral	Sample
Lead	0.30
Zinc	0.28

Metal	Button
Lead	82.01

Yours very truly,

J. A. Rood
Technical Assistant to
Production Manager

JAR:mjs

C
O
P
Y

STATE OF ILLINOIS

STATE GEOLOGICAL SURVEY DIVISION

M. M. Leighton, Cheif

100 Natural Resource Bldg.,
University of Illinois Campus

URBANA

January 13, 1950

Mr. F. A. Bell
Golconda, Illinois

Dear Mr. Bell:

The specimens which accompanied your recent letter consist wholly or principally of barite, the barium sulfate mineral. Barite somewhat resembles fluorspar in appearance, but may be distinguished b from it by the shape of broken fragments, and by its greater weight and lesser hardness. It occurs at a number of places in Hardin and Pope Counties, mostly in association with fluorspar but sometimes alone.

Very truly yours,

Robert M. Grogan
Geologist
Industrial Minerals Division

C
O
P
Y

NATIONAL LEAD COMPANY

November 4, 1919

Mr. F. C. Bell
Golconda, Illinois

Dear Mr. Bell:

In answer to your letter of October 29th, I wish to advise that the sample of metal which you submitted assayed 88.9% lead, but only carries a trace of silver.

J. A. Hood,

Technical Assistant to the Plant Manager

JAH: mjs

C
O
P
Y

THE UNIVERSITY OF MISSOURI

SCHOOL OF MINES AND METALLURGY

ROLLA

November 21, 1949

DEPARTMENT OF GEOLOGY

Mr. F. A. Bell
Golconda, Illinois

Dear Sir:

The samples which you sent of November 16 are rather small for determination. We do not assay ores or make chemical analyses.

Sample No. 1 is a piece of lead.

Sample No. 2 contains quartz and the copper minerals malachite (copper carbonate) chrysocolla (copper silicate) and cuprite (copper oxide).

Sample No. 3 contains pyrite (iron disulphide).

Very truly yours,

O. R. Grawe,
Chairman Department of Geology

ORG:jn

MINING LEASE

THIS INDENTURE, made and entered into the 24th day of Jan. A. D. 1951, by and between Calvin Quertermous and Sylvia Quertermous his wife, of the County of Pope and State of Illinois, parties of the first part, and F. A. Bell, Irving Bell, Robie Bell and Vane Cowsert, Mining Company of Akron, Ohio, of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of $1.00, to them in hand well and truly paid by the said parties of the second part, the receipt whereof is hereby acknowledged, and of the covenants and agreements as hereinafter set out, to be kept and performed by the said second parties, do hereby lease, demise, grant, let, convey and do them by these present, lease, let, grant, demise, and convey unto the said second parties, their heirs, executors, administrators, successors and assigns, for the purpose of searching, prospecting, mining, for lead, iron, gold, silver, copper, zinc, lode, quartz, metals, ores, fire clay, fluorspar, all other spar, all combined silica, shale, gypsum, marts, phosphate, chats, flints, oxides, ochre, and all similar materials, metals, or fossils substances, and of conducting mining, quarry operations, constructing smelters, buildings, machinery, tanks, pits, shafts, roads, storeways, pumps, tramways, reservoirs, or other structures thereon to take care of said products on, over, under, in or beneath that certain tract of land situated in the township of Thirteen (13) South, County of Pope and State of Illinois, bounded and described as follows, to-wit: The N.E. 1/4 of Section 34; The N. W. 1/4 N. W. 1/4 of Sec. 35; the S. W. 1/4 S. W. 1/4 of Sec. 26; N. E. S. W. of Section 26; and all in Twp. 13 South, Range 6 East of the 3rd. P. M. in Pope County, Illinois, containing 160 acres, more or less, hereby releasing and waiving all rights under and by virtue of the homestead exemption law as of this state, together with all and singular appurtenances thereto belonging.

TO HAVE AND TO HOLD said lands and appurtenances and all

rights thereunto belonging unto the said second parties, their heirs, executors, administrators, successors or assigns for and during the term of three years from the date hereof and as long thereafter as either of said minerals, metals, clays, or fossil substances aforesaid mentioned, or either of them can be produced therefrom.

In consideration of the leasing of said premises, the said parties of the second part, his heirs, executors, administrators, successors or assigns, covenants and agrees:-

First - To pay to the owner for any and all grades of Metallurgical Fluorspar mined and sold from off the said premises. A royalty of one and one-half dollars ($1.50) per ton and a royalty of two dollars ($2.00) per ton for all acid grades of fluorspar and likewise a royalty of ten percent (10%) of the selling price of all lead, zinc and other metals, minerals or mineral substance other than the above named.

Second - If said searching, prospecting, mining for said minerals, metals, clays, or fossil substances are not commenced on said premises within sixty days from the date hereof, then this lease shall thereupon become null and void unless said second parties, his heirs, executors, administrators, or assigns shall pay at the rate of Fifty ($50.00) Dollars for each additional quarter such developments or operations are delayed for the time herein specified until said development or operations are begun, and upon the payments of said rentals to said first parties, his heirs, executors, administrators, or assigns, either in person, by checks, draft, or deposited in his or her credit at the First National Bank of Golconda, Illinois, then this lease shall continue in full force and effect as if it contained no forfeiture clause, it being understood and agreed that the right to continue this lease and prevent a forfeiture is by the payment of said rentals or the developments or operations and it being acquired through the considerations, covenants and agreements herein named and if

said rentals are not paid or the development or operations are not begun, then this lease becomes null and void and all covenants and agreements herein set forth shall thereupon be considered as surrendered and cancelled of record, and all payments or liabilities thereafter to accrue under and by virtue of this lease shall cease and terminate.

Third - As soon as the operations mentioned herein shall develop water in sufficient quantities to require pumping, the second parties shall install, maintain and operate upon the premises sufficient pumps and machinery to drain said water out of said pits, shafts, or leads so as to permit the efficient mining and development of said lease and increase from time to time as shall be necessary.

Fourth: - All minerals, clays, metals, or fossil substances or other products of said premises now on the surface thereof, or which may be produced thereunder, shall be prepared for market either on said premises or on any other leases held by the said parties of the second part, or shere equipped to so prepare said products to the best interests of all parties. Also the use of timber for mining purposes.

Fifth:- Second parties agree to keep all shafts, drifts, pits or leads upon the premises properly and securely timbered or otherwise supported, and shall have the right to dig, right of ways, construct dams, pits, or reservoirs, to take care of the water pumped out of same, dig ditches therefor to drain said water off of said premises, and said first parties shall have the right to inspect same.

Sixth:- All rocks, chats, tailings or waste products accumulating on said premises on said surface or brought to said surface in operation shall remain on said lease, but can be worked and re-worked by said parties of the second part at any time during the life of said lease and recover ores, minerals, or metals therefrom, or use the same to build roads, outlets or tramways that may be necessary in the development of said lease

or the marketing of said products.

Seventh:- Second parties agree to sink no shafts, pits, mines or leads, construct no tramways or buildings on said lease within 200 feet of any buildings, unless absolutely necessary in the development of said lease, unless with the written consent of said first party.

Eighth:- First parties shall have the right to till said lands, except such parts as are used in the development of said leases and operations, except such right of ways over and across said premises; second parties agree to pay all damages to growing crops, and if all of said lands are used for mining purposes then no damage will be due to said first parties.

Ninth:- The second parties shall have the right to erect and maintain on the premises all buildings and machinery necessary for the purpose of prospecting and mining thereof and concentrating the ores, metals, minerals, fire clays or fossil substances, drill water wells, remove all machinery, tramways, railroads, buildings, pumps, or other property placed thereon by said second parties from said lease upon the expiration of the surrender thereof.

It is agreed, that in consideration of the payments of said sums first above mentioned, the receipt whereof is hereby acknowledged, first parties hereto expressly waive all rights to demand or declare a cancellation or forfeiture of this lease, except for the breach of the covenants and agreements aforesaid mentioned.

This lease and all rights thereunder shall bind and run in favor of the heirs, executors, administrators, successors or assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

Signed, sealed and delivered in presence of

Olen Walters — Colin P. Questermous (Seal)

Charles V. Walker — Colin Questermous (Seal)

The State of Illinois)
(ss.
County of Pope)

I, _____

in the said County, in the State aforesaid, do hereby certify that Calvin Quertermous and Sylvia Quertermous, his wife personally known to me to be the same persons whose names are subscribed to the foregoing instruments, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and Seal this the _____day of Jan. 1951.

_____

_____

For maps see United States Geological Maps States of Illinois and Kentucky:

1. Brownfield Quadrangle and

2. Golconda Quadrangle

On Brownfield Map in red (146) where red line emerges at the east side of the map; thence two miles direct west and one and one-fourth miles direct south, is the site of exploration.

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-2094

Date received 9-21-51

Participation

Roby Bell, 56 N. Balch St., Akron 3, Ohio
Irving Bell, 75 Mt. View Ave., Akron 3, Ohio
W. V. Cousert, 23 E. Brookside Ave., Akron 1, Ohio
F. A. Bell, Golconda, Pope Co. Illinois.
Known as Bell Brothers - Partnership

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $4000.00

Mineral or metal

Percentage of Government participation one-half

Location of mine Golconda, Pope Co., Ill. Township 13, South.

Date of filing MF-100

DMA Docket Number, if available 2094

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.

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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.

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SEP 21 3 01 PM '51
DEFENSE MINERALS ADMINISTRATION
WASHINGTON D.C.

16—62067-1

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.
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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.

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

Ruby Bell, F.A. Bell, Donna Bell, Co. in Rope County Bell on the Sean
(Name of Company)

By _____
(Signature of authorized official)

9-11-51
(Date)

_____
(Title)

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

*Same as footnote on page 1.

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

M. F. 103

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDERS 5 A UNDER DEFENSE PRODUCTION ACT OF 1950.

THE APPLICANT

1. Partnership
2. Same as above
3.
4. Irving Bell for last eleven years Chief Steam Engineer, Midwest Rubber Reclaiming Plant, Barberton, Ohio
Roby Bell formerly at Goodrich Reclaiming Plant, Akron, Ohio, now at Bridgewater Machine Company, Akron, Ohio
F. A. Bell, Carpenter. L year at Aluminum Ore Mine, Roseclair, Illinois; 6 years prospecting in this area. 14 years in Pope County, Illinois prospecting.
W. V. Cousert, Rubber worker now in Firestone Tire and Rubber Company and has been since last four years.
5. Leasee.
6.
7. (Copies of Lease attached)
8. Not in production
9. Two Thousand Dollars. Yes, sufficient reasonable amount.
10. (a) See copy of lease under 7.
(b) " " " " " "
11. The Robbs Farm, the former name of which was, the Clark Farm.
12. See F N 100 - 3 (a).
13. Sufficient water to operate at all seasons.
14. A pump, hand hoist, hand tools.
15. Can be shipped by rail, highway or River. Could be milled at Roseclaire Aluminum Ore Mine about 12 miles on an A-1 highway, with all the latest types of machinery and equipment.
16. (a) Explored by geologists Blumfield & Black forty years ago or more. No mine operation, simply exploration for the location of lead.
(b) None to our knowledge except exploration of the adjoining forty.
(c) Report not available.
17.
18.
19. Workable the year round .
20. Fluorspar, lead, zinc and barite.
21. Intend to core drill property, complete sinking of shaft and unearth the minerals. Approximately 12-18 months.
22. See enclosed data.
23. (a)
(b)
(c)
(d)
(e) Buy a Core Drill
(f)
(g)
(h)
(i)

Core drilling 2 1/2 per foot 400' each, four holes along the fault, or buy tools and equipment and supply labor for the same at an equivalent expense.

24.

For maps see United States Geological Maps States of Illinois and Kentucky:

1. Brownfield Quadrangle and

2. Golconda Quadrangle

On Brownfield Map in red (146) where red line emerges at the east side of the map; thence two miles direct west and one and one-fourth miles direct south, is the site of exploration.

C
O
P
Y

NATIONAL LEAD COMPANY

St. Louis Smelting and Refining Division

Fredericktown, Missoiri.

February 23, 1950

Mr. F. C. Bell,
Golconda, Illinois

Dear Mr. Bell:

The two samples which you submitted with your letter of January 13, 1950 have been assayed and the results are as follows:

Mineral	Sample
Lead	0.30
Zinc	0.28

Metal	Button
Lead	82.01

Yours very truly,

J. A. Rood
Technical Assistant to
Production Manager

JAR:mjs

C
O
P
Y

STATE OF ILLINOIS

STATE GEOLOGICAL SURVEY DIVISION

M. M. Leighton, Chief

100 Natural Resource Bldg.,
University of Illinois Campus

URBANA

January 13, 1950

Mr. F. A. Bell
Golconda, Illinois

Dear Mr. Bell:

The specimens which accompanied your recent letter consist wholly or principally of barite, the barium sulfate mineral. Barite somewhat resembles fluorspar in appearance, but may be distinguished b from it by the shape of broken fragments, and by its greater weight and lesser hardness. It occurs at a number of places in Hardin and Pope Counties, mostly in association with fluorspar but sometimes alone.

Very truly yours,

Robert M. Grogan
Geologist
Industrial Minerals Division

C
O
P
Y

NATIONAL LEAD COMPANY

November 4, 1949

Mr. F. C. Bell
Golconda, Illinois

Dear Mr. Bell:

In answer to your letter of Octobe 29th, I wish to advise that the sample of metal which you submitted assayed 88.9% lead, but only carries a trace of silver.

J. A. Rood,

Technical Assistant to the Plant Manager

JAR: mjs

C
O
P
Y

THE UNIVERSITY OF MISSOURI

SCHOOL OF MINES AND METALLURGY

ROLLA

DEPARTMENT OF GEOLOGY

November 21, 1949

Mr. F. A. Bell
Golconda, Illinois

Dear Sir:

The samples which you sent of November 16 are rather small for determination. We do not assay ores or make chemical analyses.

Sample No. 1 is a piece of lead.

Sample No. 2 contains quartz and the copper minerals malachite (copper carbonate) chrysocolla (copper silicate) and cuprite (copper oxide).

Sample No. 3 contains pyrite (iron disulphide).

Very truly yours,

O. R. Grawe,
Chairman Department of Geology

ORG:jn

MINING LEASE

THIS INDENTURE, made and entered into the 24th day of Jan. A. D. 1951, by and between Calvin Quertermous and Sylvia Quertermous his wife, of the County of Pope and State of Illinois, parties of the first part, and F. A. Bell, Irving Bell, Robie Bell and Vane Cowsert, Mining Company of Akron, Ohio, of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of $1.00, to them in hand well and truly paid by the said parties of the second part, the receipt whereof is hereby acknowledged, and of the covenants and agreements as hereinafter set out, to be kept and performed by the said second parties, do hereby lease, demise, grant, let, convey and do them by these present, lease, let, grant, demise, and convey unto the said second parties, their heirs, executors, administrators, successors and assigns, for the purpose of searching, prospecting, mining, for lead, iron, gold, silver, copper, zinc, lode, quartz, metals, ores, fire clay, fluorspar, all other spar, all combined silica, shale, gypsum, marts, phosphate, chats, flints, oxides, ochre, and all similar materials, metals, or fossils substances, and of conducting mining, quarry operations, constructing smelters, buildings, machinery, tanks, pits, shafts, roads, storeways, pumps, tramways, reservoirs, or other structures thereon to take care of said products on, over, under, in or beneath that certain tract of land situated in the township of Thirteen (13) South, County of Pope and State of Illinois, bounded and described as follows, to-wit: The N.E. 1/4 of Section 34; The N. W. 1/4 N. W. 1/4 of Sec. 35; the S. W. 1/4 S. W. 1/4 of Sec. 26; N. E. S. W. of Section 26; and all in Twp. 13 South, Range 6 East of the 3rd. P. M. in Pope County, Illinois, containing 160 acres, more or less, hereby releasing and waiving all rights under and by virtue of the homestead exemption law as of this state, together with all and singular appurtenances thereto belonging.

TO HAVE AND TO HOLD said lands and appurtenances and all

rights thereunto belonging unto the said second parties, their heirs, executors, administrators, successors or assigns for and during the term of three years from the date hereof and as long thereafter as either of said minerals, metals, clays, or fossil substances aforesaid mentioned, or either of them can be produced therefrom.

In consideration of the leasing of said premises, the said parties of the second part, his heirs, executors, administrators, successors or assigns, covenants and agrees:-

First - To pay to the owner for any and all grades of Metallurgical Fluorspar mined and sold from off the said premises. A royalty of one and one-half dollars ($1.50) per ton and a royalty of two dollars ($2.00) per ton for all acid grades of fluorspar and likewise a royalty of ten percent (10%) of the selling price of all lead, zinc and other metals, minerals or mineral substance other than the above named.

Second - If said searching, prospecting, mining for said minerals, metals, clays, or fossil substances are not commenced on said premises within sixty days from the date hereof, then this lease shall thereupon become null and void unless said second parties, his heirs, executors, administrators, or assigns shall pay at the rate of Fifty ($50.00) Dollars for each additional quarter such developments or operations are delayed for the time herein specified until said development or operations are begun, and upon the payments of said rentals to said first parties, his heirs, executors, administrators, or assigns, either in person, by checks, draft, or deposited in his or her credit at the First National Bank of Golconda, Illinois, then this lease shall continue in full force and effect as if it contained no forfeiture clause, it being understood and agreed that the right to continue this lease and prevent a forfeiture is by the payment of said rentals or the developments or operations and it being acquired through the considerations, covenants and agreements herein named and if

said rentals are not paid or the development or operations are not begun, then this lease becomes null and void and all covenants and agreements herein set forth shall thereupon be considered as surrendered and cancelled of record, and all payments or liabilities thereafter to accrue under and by virtue of this lease shall cease and terminate.

Third - As soon as the operations mentioned herein shall develop water in sufficient quantities to require pumping, the second parties shall install, maintain and operate upon the premises sufficient pumps and machinery to drain said water out of said pits, shafts, or leads so as to permit the efficient mining and development of said lease and increase from time to time as shall be necessary.

Fourth: - All minerals, clays, metals, or fossil substances or other products of said premises now on the surface thereof, or which may be produced thereunder, shall be prepared for market either on said premises or on any other leases held by the said parties of the second part, or shere equipped to so prepare said products to the best interests of all parties. Also the use of timber for mining purposes.

Fifth:- Second parties agree to keep all shafts, drifts, pits or leads upon the premises properly and securely timbered or otherwise supported, and shall have the right to dig, right of ways, construct dams, pits, or reservoirs, to take care of the water pumped out of same, dig ditches therefor to drain said water off of said premises, and said first parties shall have the right to inspect same.

Sixth:- All rocks, chats, tailings or waste products accumulating on said premises on said surface or brought to said surface in operation shall remain on said lease, but can be worked and re-worked by said parties of the second part at any time during the life of said lease and recover ores, minerals, or metals therefrom, or use the same to build roads, outlets or tramways that may be necessary in the development of said lease

or the marketing of said products.

Seventh:- Second parties agree to sink no shafts, pits, mines or leads, construct no teamways or buildings on said lease within 200 feet of any buildings, unless absolutely necessary in the development of said lease, unless with the written consent of said first party.

Eighth:- First parties shall have the right to till said lands, except such parts as are used in the development of said leases and operations, except such right of ways over and across said premises; second parties agree to pay all damages to growing crops, and if all of said lands are used for mining purposes then no damage will be due to said first parties.

Ninth:- The second parties shall have the right to erect and maintain on the premises all buildings and machinery necessary for the purpose of prospecting and mining thereof and concentrating the ores, metals, minerals, fire clays or fossil substances, drill water wells, remove all machinery, tramways, railroads, buildings, pumps, or other property placed thereon by said second parties from said lease upon the expiration of the surrender thereof.

It is agreed, that in consideration of the payments of said sums first above mentioned, the receipt whereof is hereby acknowledged, first parties hereto expressly waive all rights to demand or declare a cancellation or forfeiture of this lease, except for the breach of the covenants and agreements aforesaid mentioned.

This lease and all rights thereunder shall bind and run in favor of the heirs, executors, administrators, successors or assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

Signed, sealed and delivered in presence of

Olen Walters — Colin P. Questermous (Seal)

Sylvia Questermous (Seal)

Charles V. Walker

The State of Illinois)
(ss.
County of Pope)

I, _____

in the said County, in the State aforesaid, do hereby certify that Calvin Quertermous and Sylvia Quertermous, his wife personally known to me to be the same persons whose names are subscribed to the foregoing instruments, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and Seal this the _____day of Jan. 1951.

_____

_____

State of Illinois

Pope County ss.

I, Gressie Hagan, Clerk of the Circuit Court and Ex-Officio Recorder within and for the County and State aforesaid, do hereby certify that the within and foregoing instrument of writing was filed for record on the 20th day of Feb. A. D. 1952 at 11:15 o'clock A. M. and duly recorded in Volume 30 of Mtgs. on Page 173.

In Testimony Whereof I have hereunto set my hand the day and date aforesaid

Gressie Hagan, Clerk

2.50 Fee Paid

LAW OFFICES
LEWIS B. SAUSSER
AKRON 8, OHIO

Form MF-10[illegible]
(April 1951)

U. S. [illegible]PARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
SEP 21 2 46 PM '51

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-2094

Date received 9-21-51

Participation

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost

Mineral or metal

Percentage of Government participation

Location of mine

Date of filing MF-100

DMA Docket Number, if available 2094

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.

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.

---------- By ----------
(Name of company) (Signature of authorized official)

---------- ----------
(Date) (Title)

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

*Same as footnote on page 1.

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

September 11th, 1951

Mr. McHenry Mosier,
Executive Officer,
Bureau-Survey Field Team,
Defense Minerals Administration,
Region VIII,
College Park, Maryland.

DMA-2094

Dear Sir:

In regard the application under Form M E-100 (May 1951) of Roby Bell, et al., for aid in defense minerals, especially fluorspar, for 2 miles west and 1½ miles south of Golconda, Pope County, Illinois.

Kindly find form M E -100 executed, together with reference to geological maps of Brownfield Quadrangle and Golconda Quadrangle of Illinois and Kentucky and also find analyses of minerals. This does not include fluorspar, the main mineral which I will send later.

Also find copy of mining lease covering the property in question and the original copy of M E - 100, the two said topographic maps and chemical analysis from the University of Missouri.

Also find three forms of M F 103, April, 1951 for Roby Bell et al. and answer to said form and reference to maps and copy of analysis. The analysis of fluorspar will be sent later. Also find a copy of said lease.

Very truly yours,

Lewis D. Slusser

Lewis D. Slusser, Attorney
for said Partnership.

LDS/AC
Enclosures

Form MF-103
(April 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
SEP 21 2 46 PM '51

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-2094

Date received 9-21-51

Participation

Roby Bell, 56 N. Balch St., Akron 3, Ohio
Irving Bell, 75 Mt. View Ave., Akron 3, Ohio
W. V. Cousert, 23 E. Brookside Ave., Akron 1, Ohio
F. A. Bell, Golconda, Pope Co. Illinois.
Known as Bell Brothers - Partnership

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $4000.00

Mineral or metal

Percentage of Government participation one-half

Location of mine ~~Golconda, Pope Co. Ill.~~
Township 13 South

Date of filing MF-100

DMA Docket Number, if available 2094

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*
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(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.
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    (*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.

E. V. Cansil, Irma Bell
Roby Bell, T. A. Bell is in Pope County Ill on the date

(Name of company)

By _____
(Signature of authorized official)

9-11-51
(Date)

_____
(Title)

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

*Same as footnote on page 1.

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

M. F. 103

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDERS 5 A UNDER DEFENSE PRODUCTION ACT OF 1950.

THE APPLICANT

1. Partnership
2. Same as above
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4. Irving Bell for last eleven years Chief Steam Engineer, Midwest Rubber Reclaiming Plant, Barberton, Ohio
Roby Bell formerly at Goodrich Reclaiming Plant, Akron, Ohio, now at Bridgewater Machine Company, Akron, Ohio
F. A. Bell, Carpenter. L year at Aluminum Ore Mine, Roseclair, Illinois; 6 years prospecting in this area. 14 years in Pope County, Illinois prospecting.
W. V. Cousert, Rubber worker now in Firestone Tire and Rubber Company and has been since last four years.
5. Leasee.
6.
7. (Copies of Lease attached)
8. Not in production
9. Two Thousand Dollars. Yes, sufficient reasonable amount.
10. (a) See copy of lease under 7.
(b) " " " " " "
11. The Robbs Farm, the former name of which was, the Clark Farm.
12. See F M 100 - 3 (a).
13. Sufficient water to operate at all seasons.
14. A pump, hand hoise, hand tools.
15. Can be shipped by rail, highway or River. Could be milled at Roseclaire Aluminum Ore Mine about 12 miles on an A-1 highway, with all the latest types of machinery and equipment.
16. (a) Explored by geologists Blumfield & Black forty years ago or more. No mine operation, simply exploration for the location of lead.
(b) None to our knowledge except exploration of the adjoining forty.
(c) Report not available.
17.
18.
19. Workable the year round .
20. Fluorspar, lead, zinc and barite.
21. Intend to core drill property, complete sinking of shaft and unearth the minerals. Approximately 12-18 months.
22. See enclosed data.
23. (a)
(b)
(c)
(d)
(e) Buy a Core Drill
(f)
(g)
(h)
(i)

Core drilling 2 1/2 per foot 400' each, four holes along the fault, or buy tools and equipment and supply labor for the same at an equivalent expense.

24.

MINING LEASE

THIS INDENTURE, made and entered into the 24th day of Jan. A. D. 1951, by and between Calvin Quertermous and Sylvia Quertermous his wife, of the County of Pope and State of Illinois, parties of the first part, and F. A. Bell, Irving Bell, Robie Bell and Vane Cowsert, Mining Company of Akron, Ohio, of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of $1.00, to them in hand well and truly paid by the said parties of the second part, the receipt whereof is hereby acknowledged, and of the covenants and agreements as hereinafter set out, to be kept and performed by the said second parties, do hereby lease, demise, grant, let, convey and do them by these present, lease, let, grant, demise, and convey unto the said second parties, their heirs, executors, administrators, successors and assigns, for the purpose of searching, prospecting, mining, for lead, iron, gold, silver, copper, zinc, lode, quartz, metals, ores, fire clay, fluorspar, all other spar, all combined silica, shale, gypsum, marts, phosphate, chats, flints, oxides, ochre, and all similar materials, metals, or fossils substances, and of conducting mining, quarry operations, constructing smelters, buildings, machinery, tanks, pits, shafts, roads, storeways, pumps, tramways, reservoirs, or other structures thereon to take care of said products on, over, under, in or beneath that certain tract of land situated in the township of Thirteen (13) South, County of Pope and State of Illinois, bounded and described as follows, to-wit: The N.E. 1/4 of Section 34; The N. W. 1/4 N. W. 1/4 of Sec. 35; the S. W. 1/4 S. W. 1/4 of Sec. 26; N. E. S. W. of Section 26; and all in Twp. 13 South, Range 6 East of the 3rd. P. M. in Pope County, Illinois, containing 160 acres, more or less, hereby releasing and waiving all rights under and by virtue of the homestead exemption law as of this state, together with all and singular appurtenances thereto belonging.

TO HAVE AND TO HOLD said lands and appurtenances and all

rights thereunto belonging unto the said second parties, their heirs, executors, administrators, successors or assigns for and during the term of three years from the date hereof and as long thereafter as either of said minerals, metals, clays, or fossil substances aforesaid mentioned, or either of them can be produced therefrom.

In consideration of the leasing of said premises, the said parties of the second part, his heirs, executors, administrators, successors or assigns, covenants and agrees:-

First - To pay to the owner for any and all grades of Metallurgical Fluorspar mined and sold from off the said premises. A royalty of one and one-half dollars ($1.50) per ton and a royalty of two dollars ($2.00) per ton for all acid grades of fluorspar and likewise a royalty of ten percent (10%) of the selling price of all lead, zinc and other metals, minerals or mineral substance other than the above named.

Second - If said searching, prospecting, mining for said minerals, metals, clays, or fossil substances are not commenced on said premises within sixty days from the date hereof, then this lease shall thereupon become null and void unless said second parties, his heirs, executors, administrators, or assigns shall pay at the rate of Fifty ($50.00) Dollars for each additional quarter such developments or operations are delayed for the time herein specified until said development or operations are begun, and upon the payments of said rentals to said first parties, his heirs, executors, administrators, or assigns, either in person, by checks, draft, or deposited in his or her credit at the First National Bank of Golconda, Illinois, then this lease shall continue in full force and effect as if it contained no forfeiture clause, it being understood and agreed that the right to continue this lease and prevent a forfeiture is by the payment of said rentals or the developments or operations and it being acquired through the considerations, covenants and agreements herein named and if

said rentals are not paid or the development or operations are not begun, then this lease becomes null and void and all covenants and agreements herein set forth shall thereupon be considered as surrendered and cancelled of record, and all payments or liabilities thereafter to accrue under and by virtue of this lease shall cease and terminate.

Third - As soon as the operations mentioned herein shall develop water in sufficient quantities to require pumping, the second parties shall install, maintain and operate upon the premises sufficient pumps and machinery to drain said water out of said pits, shafts, or leads so as to permit the efficient mining and development of said lease and increase from time to time as shall be necessary.

Fourth: - All minerals, clays, metals, or fossil substances or other products of said premises now on the surface thereof, or which may be produced thereunder, shall be prepared for market either on said premises or on any other leases held by the said parties of the second part, or shere equipped to so prepare said products to the best interests of all parties. Also the use of timber for mining purposes.

Fifth:- Second parties agree to keep all shafts, drifts, pits or leads upon the premises properly and securely timbered or otherwise supported, and shall have the right to dig, right of ways, construct dams, pits, or reservoirs, to take care of the water pumped out of same, dig ditches therefor to drain said water off of said premises, and said first parties shall have the right to inspect same.

Sixth:- All rocks, chats, tailings or waste products accumulating on said premises on said surface or brought to said surface in operation shall remain on said lease, but can be worked and re-worked by said parties of the second part at any time during the life of said lease and recover ores, minerals, or metals therefrom, or use the same to build roads, outlets or tramways that may be necessary in the development of said lease

or the marketing of said products.

Seventh:- Second parties agree to sink no shafts, pits, mines or leads, construct no teamways or buildings on said lease within 200 feet of any buildings, unless absolutely necessary in the development of said lease, unless with the written consent of said first party.

Eighth:- First parties shall have the right to till said lands, except such parts as are used in the development of said leases and operations, except such right of ways over and across said premises; second parties agree to pay all damages to growing crops, and if all of said lands are used for mining purposes then no damage will be due to said first parties.

Ninth:- The second parties shall have the right to erect and maintain on the premises all buildings and machinery necessary for the purpose of prospecting and mining thereof and concentrating the ores, metals, minerals, fire clays or fossil substances, drill water wells, remove all machinery, tramways, railroads, buildings, pumps, or other property placed thereon by said second parties from said lease upon the expiration of the surrender thereof.

It is agreed, that in consideration of the payments of said sums first above mentioned, the receipt whereof is hereby acknowledged, first parties hereto expressly waive all rights to demand or declare a cancellation or forfeiture of this lease, except for the breach of the covenants and agreements aforesaid mentioned.

This lease and all rights thereunder shall bind and run in favor of the heirs, executors, administrators, successors or assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

Signed, sealed and delivered in presence of

Olen Walters — Colin P. Questermous (Seal)

Charles V. Walker — Sylvia Questermous (Seal)

The State of Illinois)
(ss.
County of Pope)

I, _____

in the said County, in the State aforesaid, do hereby certify that Calvin Quartermous and Sylvia Quertermous, his wife personally known to me to be the same persons whose names are subscribed to the foregoing instruments, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and Seal this the _____day of Jan. 1951.

_____

_____

MINING LEASE

THIS INDENTURE, made and entered into the 24th day of Jan. A. D. 1951, by and between Calvin Quertermous and Sylvia Quertermous his wife, of the County of Pope and State of Illinois, parties of the first part, and F. A. Bell, Irving Bell, Robie Bell and Vane Cowsert, Mining Company of Akron, Ohio, of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of $1.00, to them in hand well and truly paid by the said parties of the second part, the receipt whereof is hereby acknowledged, and of the covenants and agreements as hereinafter set out, to be kept and performed by the said second parties, do hereby lease, demise, grant, let, convey and do them by these present, lease, let, grant, demise, and convey unto the said second parties, their heirs, executors, administrators, successors and assigns, for the purpose of searching, prospecting, mining, for lead, iron, gold, silver, copper, zinc, lode, quartz, metals, ores, fire clay, fluorspar, all other spar, all combined silica, shale, gypsum, marts, phosphate, chats, flints, oxides, ochre, and all similar materials, metals, or fossils substances, and of conducting mining, quarry operations, constructing smelters, buildings, machinery, tanks, pits, shafts, roads, storeways, pumps, tramways, reservoirs, or other structures thereon to take care of said products on, over, under, in or beneath that certain tract of land situated in the township of Thirteen (13) South, County of Pope and State of Illinois, bounded and described as follows, to-wit: The N.E. 1/4 of Section 34; The N. W. 1/4 N. W. 1/4 of Sec. 35; the S. W. 1/4 S. W. 1/4 of Sec. 26; N. E. S. W. of Section 26; and all in Twp. 13 South, Range 6 East of the 3rd. P. M. in Pope County, Illinois, containing 160 acres, more or less, hereby releasing and waiving all rights under and by virtue of the homestead exemption law as of this state, together with all and singular appurtenances thereto belonging.

TO HAVE AND TO HOLD said lands and appurtenances and all

rights thereunto belonging unto the said second parties, their heirs, executors, administrators, successors or assigns for and during the term of three years from the date hereof and as long thereafter as either of said minerals, metals, clays, or fossil substances aforesaid mentioned, or either of them can be produced therefrom.

In consideration of the leasing of said premises, the said parties of the second part, his heirs, executors, administrators, successors or assigns, covenants and agrees:-

First - To pay to the owner for any and all grades of Metallurgical Fluorspar mined and sold from off the said premises. A royalty of one and one-half dollars ($1.50) per ton and a royalty of two dollars ($2.00) per ton for all acid grades of fluorspar and likewise a royalty of ten percent (10%) of the selling price of all lead, zinc and other metals, minerals or mineral substance other than the above named.

Second - If said searching, prospecting, mining for said minerals, metals, clays, or fossil substances are not commenced on said premises within sixty days from the date hereof, then this lease shall thereupon become null and void unless said second parties, his heirs, executors, administrators, or assigns shall pay at the rate of Fifty ($50.00) Dollars for each additional quarter such developments or operations are delayed for the time herein specified until said development or operations are begun, and upon the payments of said rentals to said first parties, his heirs, executors, administrators, or assigns, either in person, by checks, draft, or deposited in his or her credit at the First National Bank of Golconda, Illinois, then this lease shall continue in full force and effect as if it contained no forfeiture clause, it being understood and agreed that the right to continue this lease and prevent a forfeiture is by the payment of said rentals or the developments or operations and it being acquired through the considerations, covenants and agreements herein named and if

said rentals are not paid or the development or operations are not begun, then this lease becomes null and void and all covenants and agreements herein set forth shall thereupon be considered as surrendered and cancelled of record, and all payments or liabilities thereafter to accrue under and by virtue of this lease shall cease and terminate.

Third - As soon as the operations mentioned herein shall develop water in sufficient quantities to require pumping, the second parties shall install, maintain and operate upon the premises sufficient pumps and machinery to drain said water out of said pits, shafts, or leads so as to permit the efficient mining and development of said lease and increase from time to time as shall be necessary.

Fourth: - All minerals, clays, metals, or fossil substances or other products of said premises now on the surface thereof, or which may be produced thereunder, shall be prepared for market either on said premises or on any other leases held by the said parties of the second part, or shere equipped to so prepare said products to the best interests of all parties. Also the use of timber for mining purposes.

Fifth:- Second parties agree to keep all shafts, drifts, pits or leads upon the premises properly and securely timbered or otherwise supported, and shall have the right to dig, right of ways, construct dams, pits, or reservoirs, to take care of the water pumped out of same, dig ditches therefor to drain said water off of said premises, and said first parties shall have the right to inspect same.

Sixth:- All rocks, chats, tailings or waste products accumulating on said premises on said surface or brought to said surface in operation shall remain on said lease, but can be worked and re-worked by said parties of the second part at any time during the life of said lease and recover ores, minerals, or metals therefrom, or use the same to build roads, outlets or tramways that may be necessary in the development of said lease

or the marketing of said products.

Seventh:- Second parties agree to sink no shafts, pits, mines or leads, construct no teamways or buildings on said lease within 200 feet of any buildings, unless absolutely necessary in the development of said lease, unless with the written consent of said first party.

Eighth:- First parties shall have the right to till said lands, except such parts as are used in the development of said leases and operations, except such right of ways over and across said premises; second parties agree to pay all damages to growing crops, and if all of said lands are used for mining purposes then no damage will be due to said first parties.

Ninth:- The second parties shall have the right to erect and maintain on the premises all buildings and machinery necessary for the purpose of prospecting and mining thereof and concentrating the ores, metals, minerals, fire clays or fossil substances, drill water wells, remove all machinery, tramways, railroads, buildings, pumps, or other property placed thereon by said second parties from said lease upon the expiration of the surrender thereof.

It is agreed, that in consideration of the payments of said sums first above mentioned, the receipt whereof is hereby acknowledged, first parties hereto expressly waive all rights to demand or declare a cancellation or forfeiture of this lease, except for the breach of the covenants and agreements aforesaid mentioned.

This lease and all rights thereunder shall bind and run in favor of the heirs, executors, administrators, successors or assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

Signed, sealed and delivered in presence of

Olen Walters — Colin P. Questermous (Seal)

Charles V. Walker — Sylvia Questermous (Seal)

The State of Illinois)
(ss.
County of Pope)

I, _____

in the said County, in the State aforesaid, do hereby certify that Calvin Quertermous and Sylvia Quertermous, his wife personally known to me to be the same persons whose names are subscribed to the foregoing instruments, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and Seal this the _____ day of Jan. 1951.

_____

_____

#11706

State of Illinois,)
Pope County (ss.
RECORDER'S OFFICE)

I, Cressie Ragan, Clerk of the Circuit Court and Ex-Officio Recorder within and for the County and State aforesaid, do hereby certify that the within and foregoing instrument of writing was filed for record on the 26th day of Feb. A. D. 1951 at 11:15 o'clock A. M. and duly recorded in Volume 30 of Mtgs. on page 173.
In Testimony Whereof I have hereunto set my hand the day and date aforesaid.

Cressie Ragan, Clerk

Deputy

2.50 Fee Paid.

LAW OFFICES
LEWIS D. SLUSSER
AKRON 8, OHIO

Form MF-100
(April 1951)

U. DEPARTMENT OF THE INTERI
DEFENSE MINERALS ADMINISTRATION

DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.
SEP 21 2 46 PM '51

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-2094

Date received 9-21-51

Participation

Roby Bell, 56 N. Balch St., Akron 3, Ohio
Irving Bell, 75 Mt. View Ave., Akron 3, Ohio
W. V. Cousert, 23 E. Brookside Ave., Akron 1, Ohio
F. A. Bell, Golconda, Pope Co. Illinois.
Known as Bell Brothers - Partnership

Name and address of applicant

Date

FILL IN THIS BLOCK

Date of application

Estimated cost $4000.00

Mineral or metal

Percentage of Government participation one-half

Location of mine Golconda, Pope Co., Ill.
Township 13, South.

Date of filing MF-100

DMA Docket Number, if available 2094

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.

Mr. Conant Burns Bell
Roby Bell & A Bell gin in Rope County Tel on the Sian
(Name of company)

By _____
(Signature of authorized official)

_____
(Date)

_____
(Title)

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

*Same as footnote on page 1.

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

M. F. 103

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDERS 5 A UNDER DEFENSE PRODUCTION ACT OF 1950.

THE APPLICANT

1. Partnership
2. Same as above
3.
4. Irving Bell for last 11 years Chief Steam Engineer, Midwest Rubber Reclaiming Plant, Barberton, Ohio.
Roby Bell, formerly at Goodrich Reclaiming Plant, Akron, Ohio, now at Bridgewater Machine Company, Akron, Ohio.
F. A. Bell, Carpenter. 1 year at Aluminum Ore Mine, Roseclaire, Illinois; 6 years prospecting in this area. 14 years in Pope County, Illinois prospecting.
W. V. Cousert, Rubber worker now in Firestone Tire & Rubber Co. and has been for the last four years.
5. Lessee.

6.
7. Copies of Lease attached
8. Partnership, each owning one-fourth
Roby Bell, worth about Five Thousand Dollars
Irving Bell, worth about Five Thousand Dollars
F. A. Bell, worth about Four Thousand Dollars
W. V. Cousert worth about Three Thousand Dollars

9. Two Thousand Dollars. Yes, sufficient reasonable amount.
10.
(a) See copy of lease under 7.
(b) See copy of lease under 7.
11. The Robbs Farm (Formerly the Clark Farm)
12. See F M 100 - 3 A
13. Sufficient water to operate at all seasons
14. A pump - hand hoise - hand tools.
15. Can be shipped by rail, highway or river. Could be milled at Roseclaire Aluminum Ore Mine about 12 miles on an A-1 highway, with all the latest types of machinery and equipment.
16
(a) Explored by geologists Blumfield & Black forty years ago or more No mine operation, simply exploration for the location of lead.
(b) None to our knowledge except exploration of the adjoining forty.
(c) Report not available.
17.
18.
19. Workable the year round
20. Fluorspar, lead, zinc and barite.
21. Diamond drilling as you suggest in letter
22. See enclosed data.
23. (a)
(b) Diamond drilling at $2.50 per foot for 400 foot holes
(c)
(d) 400' each, four holes along the fault or buy tools and equipment and supply labor for the same at an equivalent expense.

C
O
P
Y

NATIONAL LEAD COMPANY

St. Louis Smelting and Refining Division

Fredericktown, Missoiri.

February 23, 1950

Mr. F. C. Bell,
Golconda, Illinois

Dear Mr. Bell:

The two samples which you submitted with your letter of January 13, 1950 have been assayed and the results are as follows:

Mineral	Sample
Lead	0.30
Zinc	0.28

Metal	Button
Lead	82.01

Yours very truly,

J. A. Rood
Technical Assistant to
Production Manager

JAR:mjs

C
O
P
Y

STATE OF ILLINOIS

STATE GEOLOGICAL SURVEY DIVISION

M. M. Leighton, Cheif

100 Natural Resource Bldg.,
University of Illinois Campus

URBANA

January 13, 1950

Mr. F. A. Bell
Golconda, Illinois

Dear Mr. Bell:

The specimens which accompanied your recent letter consist wholly or principally of barite, the barium sulfate mineral. Barite somewhat resembles fluorspar in appearance, but may be distinguished b from it by the shape of broken fragments, and by its greater weight and lesser hardness. It occurs at a number of places in Hardin and Pope Counties, mostly in association with fluorspar but sometimes alone.

Very truly yours,

Robert M. Grogan
Geologist
Industrial Minerals Division

C
O
P
Y

NATIONAL LEAD COMPANY

November 4, 1949

Mr. F. C. Bell
Golconda, Illinois

Dear Mr. Bell:

In answer to your letter of October 29th, I wish to advise that the sample of metal which you submitted assayed 88.9% lead, but only carries a trace of silver.

J. A. Rood,

Technical Assistant to the Plant Manager

JAR: mjs

C
O
P
Y

THE UNIVERSITY OF MISSOURI

SCHOOL OF MINES AND METALLURGY

ROLLA

November 21, 1949

DEPARTMENT OF GEOLOGY

Mr. F. A. Bell
Golconda, Illinois

Dear Sir:

The samples which you sent of November 16 are rather small for determination. We do not assay ores or make chemical analyses.

Sample No. 1 is a piece of lead.

Sample No. 2 contains quartz and the copper minerals malachite (copper carbonate) chrysocolla (copper silicate) and cuprite (copper oxide).

Sample No. 3 contains pyrite (iron disulphide).

Very truly yours,

O. R. Grawe,
Chairman Department of Geology

ORG:jn

MINING LEASE

THIS INDENTURE, made and entered into the 24th day of Jan. A. D. 1951, by and between Calvin Quertermous and Sylvia Quertermous his wife, of the County of Pope and State of Illinois, parties of the first part, and F. A. Bell, Irving Bell, Robie Bell and Vane Cowsert, Mining Company of Akron, Ohio, of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of $1.00, to them in hand well and truly paid by the said parties of the second part, the receipt whereof is hereby acknowledged, and of the covenants and agreements as hereinafter set out, to be kept and performed by the said second parties, do hereby lease, demise, grant, let, convey and do them by these present, lease, let, grant, demise, and convey unto the said second parties, their heirs, executors, administrators, successors and assigns, for the purpose of searching, prospecting, mining, for lead, iron, gold, silver, copper, zinc, lode, quartz, metals, ores, fire clay, fluorspar, all other spar, all combined silica, shale, gypsum, marts, phosphate, chats, flints, oxides, ochre, and all similar materials, metals, or fossils substances, and of conducting mining, quarry operations, constructing smelters, buildings, machinery, tanks, pits, shafts, roads, storeways, pumps, tramways, reservoirs, or other structures thereon to take care of said products on, over, under, in or beneath that certain tract of land situated in the township of Thirteen (13) South, County of Pope and State of Illinois, bounded and described as follows, to-wit: The N.E. 1/4 of Section 34; The N. W. 1/4 N. W. 1/4 of Sec. 35; the S. W. 1/4 S. W. 1/4 of Sec. 26; N. E. S. W. of Section 26; and all in Twp. 13 South, Range 6 East of the 3rd. P. M. in Pope County, Illinois, containing 160 acres, more or less, hereby releasing and waiving all rights under and by virtue of the homestead exemption law as of this state, together with all and singular appurtenances thereto belonging.

TO HAVE AND TO HOLD said lands and appurtenances and all

rights thereunto belonging unto the said second parties, their heirs, executors, administrators, successors or assigns for and during the term of three years from the date hereof and as long thereafter as either of said minerals, metals, clays, or fossil substances aforesaid mentioned, or either of them can be produced therefrom.

In consideration of the leasing of said premises, the said parties of the second part, his heirs, executors, administrators, successors or assigns, covenants and agrees:-

First - To pay to the owner for any and all grades of Metallurgical Fluorspar mined and sold from off the said premises. A royalty of one and one-half dollars ($1.50) per ton and a royalty of two dollars ($2.00) per ton for all acid grades of fluorspar and likewise a royalty of ten percent (10%) of the selling price of all lead, zinc and other metals, minerals or mineral substance other than the above named.

Second - If said searching, prospecting, mining for said minerals, metals, clays, or fossil substances are not commenced on said premises within sixty days from the date hereof, then this lease shall thereupon become null and void unless said second parties, his heirs, executors, administrators, or assigns shall pay at the rate of Fifty ($50.00) Dollars for each additional quarter such developments or operations are delayed for the time herein specified until said development or operations are begun, and upon the payments of said rentals to said first parties, his heirs, executors, administrators, or assigns, either in person, by checks, draft, or deposited in his or her credit at the First National Bank of Golconda, Illinois, then this lease shall continue in full force and effect as if it contained no forfeiture clause, it being understood and agreed that the right to continue this lease and prevent a forfeiture is by the payment of said rentals or the developments or operations and it being acquired through the considerations, covenants and agreements herein named and if

said rentals are not paid or the development or operations are not begun, then this lease becomes null and void and all covenants and agreements herein set forth shall thereupon be considered as surrendered and cancelled of record, and all payments or liabilities thereafter to accrue under and by virtue of this lease shall cease and terminate.

Third - As soon as the operations mentioned herein shall develop water in sufficient quantities to require pumping, the second parties shall install, maintain and operate upon the premises sufficient pumps and machinery to drain said water out of said pits, shafts, or leads so as to permit the efficient mining and development of said lease and increase from time to time as shall be necessary.

Fourth: - All minerals, clays, metals, or fossil substances or other products of said premises now on the surface thereof, or which may be produced thereunder, shall be prepared for market either on said premises or on any other leases held by the said parties of the second part, or shere equipped to so prepare said products to the best interests of all parties. Also the use of timber for mining purposes.

Fifth:- Second parties agree to keep all shafts, drifts, pits or leads upon the premises properly and securely timbered or otherwise supported, and shall have the right to dig, right of ways, construct dams, pits, or reservoirs, to take care of the water pumped out of same, dig ditches therefor to drain said water off of said premises, and said first parties shall have the right to inspect same.

Sixth:- All rocks, chats, tailings or waste products accumulating on said premises on said surface or brought to said surface in operation shall remain on said lease, but can be worked and re-worked by said parties of the second part at any time during the life of said lease and recover ores, minerals, or metals therefrom, or use the same to build roads, outlets or tramways that may be necessary in the development of said lease

or the marketing of said products.

Seventh:- Second parties agree to sink no shafts, pits, mines or leads, construct no teamways or buildings on said lease within 200 feet of any buildings, unless absolutely necessary in the development of said lease, unless with the written consent of said first party.

Eighth:- First parties shall have the right to till said lands, except such parts as are used in the development of said leases and operations, except such right of ways over and across said premises; second parties agree to pay all damages to growing crops, and if all of said lands are used for mining purposes then no damage will be due to said first parties.

Ninth:- The second parties shall have the right to erect and maintain on the premises all buildings and machinery necessary for the purpose of prospecting and mining thereof and concentrating the ores, metals, minerals, fire clays or fossil substances, drill water wells, remove all machinery, tramways, railroads, buildings, pumps, or other property placed thereon by said second parties from said lease upon the expiration of the surrender thereof.

It is agreed, that in consideration of the payments of said sums first above mentioned, the receipt whereof is hereby acknowledged, first parties hereto expressly waive all rights to demand or declare a cancellation or forfeiture of this lease, except for the breach of the covenants and agreements aforesaid mentioned.

This lease and all rights thereunder shall bind and run in favor of the heirs, executors, administrators, successors or assigns of the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and affixed their seals the day and year first above written.

Signed, sealed and delivered in presence of

Olen Walters

Charles V. Walker

Colin P. Questermous (Seal)

Sylvia Questermous (Seal)

The State of Illinois)
(ss.
County of Pope)

I, _____

in the said County, in the State aforesaid, do hereby certify that Calvin Quertermous and Sylvia Quertermous, his wife personally known to me to be the same persons whose names are subscribed to the foregoing instruments, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act, for the uses and purposes therein set forth, including the release and waiver of the right of homestead.

Given under my hand and Seal this the _____ day of Jan. 1951.

_____

_____

11706

State of Illinois

Pope County ss.
RECORDER'S OFFICE

I, Cressie Ragan, Clerk of the Circuit Court and Ex-Officio Recorder within and for the County and State aforesaid, do hereby certify that the within and foregoing instrument of writing was filed for record on the 26th day of Feb. A. D. 1951 at 11:15 o'clock A. M. and duly recorded in Volume 30 of Mtgs. on Page 173.

In Testimony Whereof I have hereunto set my hand the day and date aforesaid

Cressie Ragan, Clerk

2.50 Fee Paid

LAW OFFICES
LEWIS D. SLUSSER
401-402 AKRON SAVINGS & LOAN BLDG.
AKRON 8, OHIO

September 11th, 1951

Mr. McHenry Mosier,
Executive Officer,
Bureau-Survey Field Team,
Defense Minerals Administration,
Region VIII,
College Park, Maryland.

DM A-2074

Dear Sir:

In regard the application under Form M E-100 (May 1951) of Roby Bell, et al., for aid in defense minerals, especially fluorspar, for 2 miles west and 1½ miles south of Golconda, Pope County, Illinois.

Kindly find form M E -100 executed, together with reference to geological maps of Brownfield Quadrangle and Golconda Quadrangle of Illinois and Kentucky and also find analyses of minerals. This does not include fluorspar, the main mineral which I will send later.

Also find copy of mining lease covering the property in question and the original copy of M E - 100, the two said topographic maps and chemical analysis from the University of Missouri.

Also find three forms of M F 103, April, 1951 for Roby Bell et al. and answer to said form and reference to maps and copy of analysis. The analysis of fluorspar will be sent later. Also find a copy of said lease.

Very truly yours,

Lewis D. Slusser

Lewis D. Slusser, Attorney
for said Partnership.

LDS/AC
Enclosures

Form MF-100
(May 1951)

U. S. DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION

Form approved.
Budget Bureau No. 42-R1026.

GENERAL TECHNICAL DATA

FOR USE UNDER THE

DEFENSE PRODUCTION ACT OF 1950

NOT TO BE FILLED IN BY APPLICANT

Docket No. DMA-2094

Date received 9-21-51

Roby Bell, 56 N. Balch Street, Akron 3, Ohio
Irving Bell, 75 Mt. View Ave., Akron 3, Ohio
W. V. Cousert, 23 E. Brookside Avenue
Akron 1, Ohio.
F. A. Bell, Golconda, Pope County,
Illinois.
Bell Bros. Partnership.

Name and address of applicant

Date

INSTRUCTIONS

This form is to be filed with Defense Minerals Administration, Department of the Interior, Washington 25, D. C. It should be accompanied by appropriate application form when a specific type of Government assistance is requested, in the form of (1) loan, (2) purchase contract, (3) Government guarantee of a private loan, (4) priorities or allocation of mining equipment, and maintenance, repair and operating supplies, and (5) other forms of Government assistance that might arise under the Act. Submit four (4) signed copies of the form and accompanying papers. Name and address should be stamped or typed on each sheet of this form and all accompanying papers. *When a question is inapplicable it should be so stated on the form.* Additional sheets may be attached in answering any questions or in supplying additional information. (IF YOU CANNOT ANSWER A QUESTION, SO STATE.) If a question is answered elsewhere indicate where answered. It is not necessary to answer it again.

GENERAL TECHNICAL DATA

Supply the following information on separate sheets, arranged, numbered, and lettered as indicated:

1. Materials produced:
   (*a*) What are the chief mine, mill, or smelter products?
   (*b*) What are the byproducts, if any?
2. Name(s) and type(s) of mine(s), mill(s), smelter(s), refinery(ies), pit(s), quarry (ies), drilling operation(s). Include old names of property, if any. Show extent of workings, including the following:
   (*a*) Linear feet of shafts.
   (*b*) Linear feet of drifts and crosscuts.
   (*c*) Linear feet of tunnels or adits.
   (*d*) Linear feet of other mine openings (explain briefly).

   Indicate whether mine is flooded or not. Describe any pumping problems. Give size or productive capacity.
3. For each operation listed above supply the following:
   (*a*) Distance and direction from nearest town and shipping point.
   (*b*) Mining district.
   (*c*) Township, Section, Range.
   (*d*) County, State.
4. (*a*) State whether or not property is now in operation, and if in operation, by whom operated.
   (*b*) Are you operating this property as:
   - ☒ Owner.
   - ☐ Lessee.
   - ☐ Contractor.
5. Number of years in production _____

   If not in production or operation, estimated date when production will begin _____
6. Experience of operators:
   Describe the mining and general business experience of (*a*) the applicant, and (*b*) the person or persons who manage the project.
7. History:
   (*a*) Give a statement, as complete as possible, of previous exploration, development, operation, and production of property, with reasons for suspension of operation.
   (*b*) State briefly the known history and production of adjoining and neighboring properties.
   (*c*) Furnish any available (private) reports that may apply to this application, including results of mine examinations, recommended exploration and development, and metallurgical investigations.

SEP 21 3 01 PM '51
DEFENSE MINERALS ADMINISTRATION
WASHINGTON, D. C.

8. Names and addresses of Officers, Directors, or Partners, and in addition thereto, the five largest stockholders if applicant is a corporation.

Name and Address	Official Title (If officer is also director indicate by "D")	Total of Annual Salary, Commissions, Bonuses, Etc., Received From Applicant and Affiliates During Last Fiscal Year	Estimated Net Worth Outside of Interest in Applicant	Number of Shares Held in Applicant Corporation		Life Insurance Carried for Benefit of Applicant	
				Common	Preferred	Amount	Net Cash Surrender Value After Loans
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
	Total		x x x x x			x x x x x	x x x x x

If more lines are needed continue on separate sheet.

9. Capital Stock Issues:

For Corporate Applicants

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

*Indicate period covered.

10. Production:

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

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

12. Ore or Mineral Reserves:

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

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

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

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

TOTAL ORE OR MINERAL RESERVES

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

(*c*) If placer:

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

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

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

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

(5) Describe overburden, stating whether loose, tight, or cemented; fine or coarse textured; furnish estimate of average thickness and total amount.

(6) Tabulate the reserves using the form outlined above for ore or mineral reserves.

13. Access Roads:

Give road distances to shipping, supply and residence points, stating kind and condition of roads.

14. Water Supply:

State source and quantity of water available for operations and whether sufficient for all seasons of year.

15. Power:

State amount of power used, rate per hour, and source thereof.

16. Labor:

State number and classes (miners, muckers, millmen, etc.) of men employed during a recent representative payroll period.

17. Equipment and Facilities:

Describe present equipment on the property, including buildings. (State condition.) List major pieces of equipment now owned or controlled and in serviceable condition available for this operation.

18. Are there any particular conditions or circumstances affecting your operations that are not described above? If so, explain.

CERTIFICATION

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

H. V. Consent T. A. Bell
Raby Bell is no pope country
Irving Bell. All on the scan?

(Name of company)

Scene

By _____
(Signature of authorized official)

9-11-51
(Date)

_____
(Title)

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

U. S. GOVERNMENT PRINTING OFFICE 16—63792-1

1.
(a) Fleurspar
(b) Lead, zinc, barite

2. (a) 5 by 24
(b) 30 ft.
(c) 12 ft.
(d) None. Not flooded

3.
(a) 2 miles N. E. from Golconda; 1/2 mile to rail shipping and 1/2 mile to highway shipping.
(b) Ozark Mining District - Ozark Geological Formation
(c) Township 13 South
(d) Pope County, Illinois

4. (a) Not in operation
(b) Lessee

5. Not yet in production

6. Irving Bell prospecting 3 months in area surrounding Golconda, Illinois. Roby Bell one year at Stewart Spar Mine, (Hardin Co. Illinois) 6 years prospecting in area surrounding Golconda, Pope County and Hardin County.
F. A. Bell one year at Aluminum ore mine at Roseclaire, Ill., 14 years prospecting in Pope County and Hardin County Ill. and in Arkansas.

7.
(a) Explored by Geologists Blumfield and Block 40 years ago
(b) Exploration on adjoining forty.
(c) Not available

8. each Roby Bell, 56 N. Balch St., Akron, Ohio, Zone 3.
Irving Bell, 75 Mt. View Ave., Akron 3, Ohio
W. V. Cousert, 23 E. Brookside Ave., Akron 1, Ohio
F. A. Bell, Golconda, Illinois.
Known as Bell Bros. 401-2 Akron Savings & Loan Bldg., Akron 8, Ohio. Partnership.

9. Not incorporated - Partnership.
10. Not yet in production
11. Not yet in production
12. 1. See separate sheet analysis
(a) Found Fleurspar, lead and zinc
(b)
2. See Map separate sheet
3.
4. Limestone, hard, rough
5. Tight and coarse 5 feet.
6. Not known
13. One-half mile gravel, year round good road. 1/2 mile to R. R.
14. Creek, ample supply; sufficient throughout the year
15. Water power
16. None employed
17. Pump, hand hoist and hand tools, dynamite.
18. Is workable the year round

For maps see United States Geological Maps States of Illinois and Kentucky:

1. Brownfield Quadrangle and

2. Golconda Quadrangle

On Brownfield Map in red (146) where red line emerges at the east side of the map; thence two miles direct west and one and one-fourth miles direct south, is the site of exploration.

C
O
P
Y

NATIONAL LEAD COMPANY

St. Louis Smelting and Refining Division

Fredericktown, Missoiri.

February 23, 1950

Mr. F. G. Bell,
Golconda, Illinois

Dear Mr. Bell:

The two samples which you submitted with your letter of January 13, 1950 have been assayed and the results are as follows:

Mineral	Sample
Lead	0.30
Zinc	0.28

Metal	Button
Lead	82.01

Yours very truly,

J. A. Rood
Technical Assistant to
Production Manager

JAR:mjs

C
O
P
Y

STATE OF ILLINOIS

STATE GEOLOGICAL SURVEY DIVISION

M. M. Leighton, Chief

100 Natural Resource Bldg.,
University of Illinois Campus

URBANA

January 13, 1950

Mr. F. A. Bell
Golconda, Illinois

Dear Mr. Bell:

The specimens which accompanied your recent letter consist wholly or principally of barite, the barium sulfate mineral. Barite somewhat resembles fluorspar in appearance, but may be distinguished b from it by the shape of broken fragments, and by its greater weight and lesser hardness. It occurs at a number of places in Hardin and Pope Counties, mostly in association with fluorspar but sometimes alone.

Very truly yours,

Robert M. Grogan
Geologist
Industrial Minerals Division

C
O
P
Y

NATIONAL LEAD COMPANY

November 4, 1949

Mr. F. C. Bell
Golconda, Illinois

Dear Mr. Bell:

In answer to your letter of Octobe 29th, I wish to advise that the sample of metal which you submitted assayed 88.9% lead, but only carries a trace of silver.

J. A. Rood,

Technical Assistant to the Plant Manager

JAR: mjs

COPY

THE UNIVERSITY OF MISSOURI

SCHOOL OF MINES AND METALLURGY

ROLLA

November 21, 1949

DEPARTMENT OF GEOLOGY

Mr. F. A. Bell
Golconda, Illinois

Dear Sir:

The samples which you sent of November 16 are rather small for determination. We do not assay ores or make chemical analyses.

Sample No. 1 is a piece of lead.

Sample No. 2 contains quartz and the copper minerals malachite (copper carbonate) chrysocolla (copper silicate) and cuprite (copper oxide).

Sample No. 3 contains pyrite (iron disulphide).

Very truly yours,

O. A. Grawe,
Chairman Department of Geology

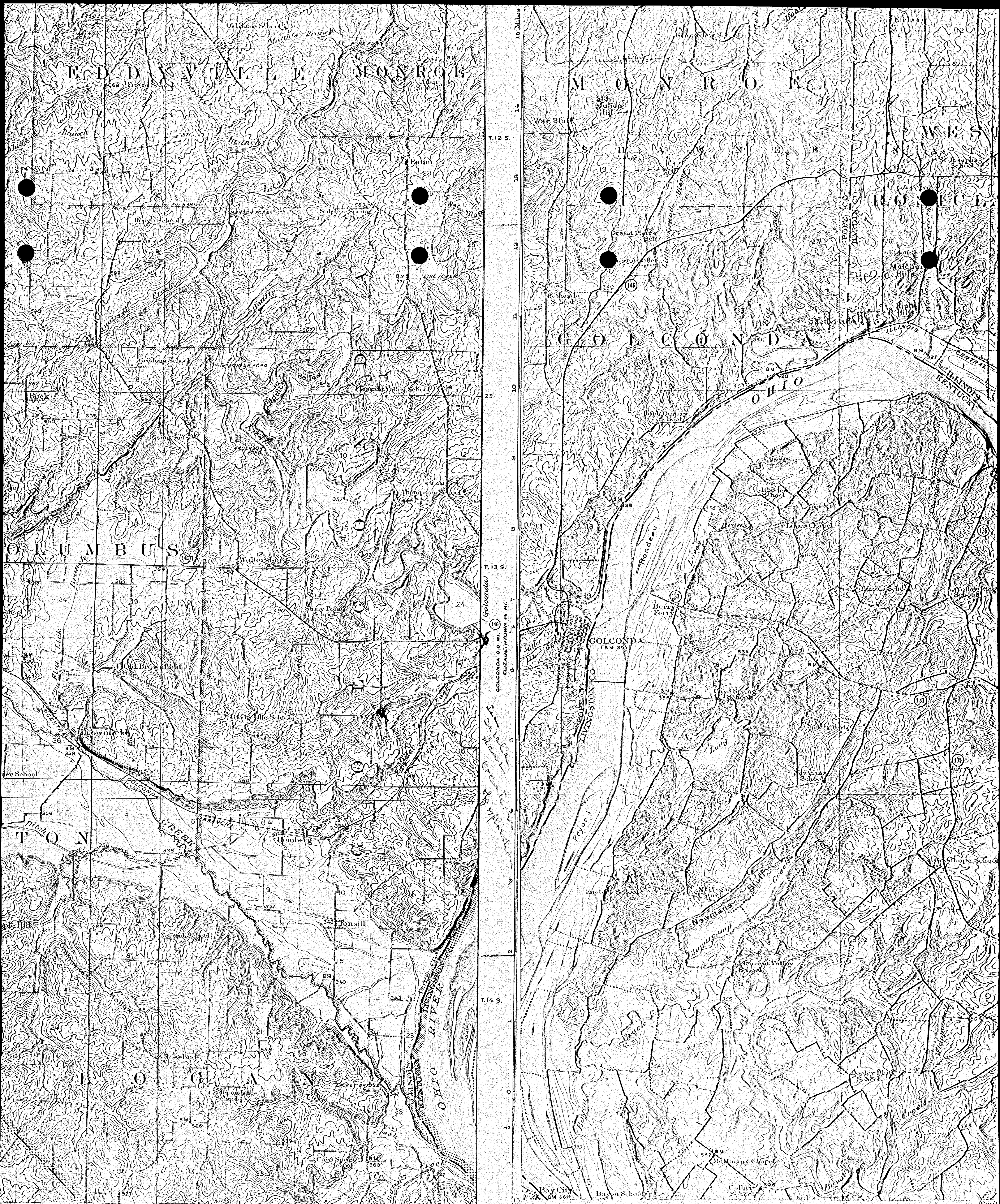
OAG:jn

For maps see United States Geological Maps States of Illinois and Kentucky:

1. Brownfield Quadrangle and

2. Golconda Quadrangle

On Brownfield Map in red (146) where red line emerges at the east side of the map; thence two miles direct west and one and one-fourth miles direct south, is the site of exploration.



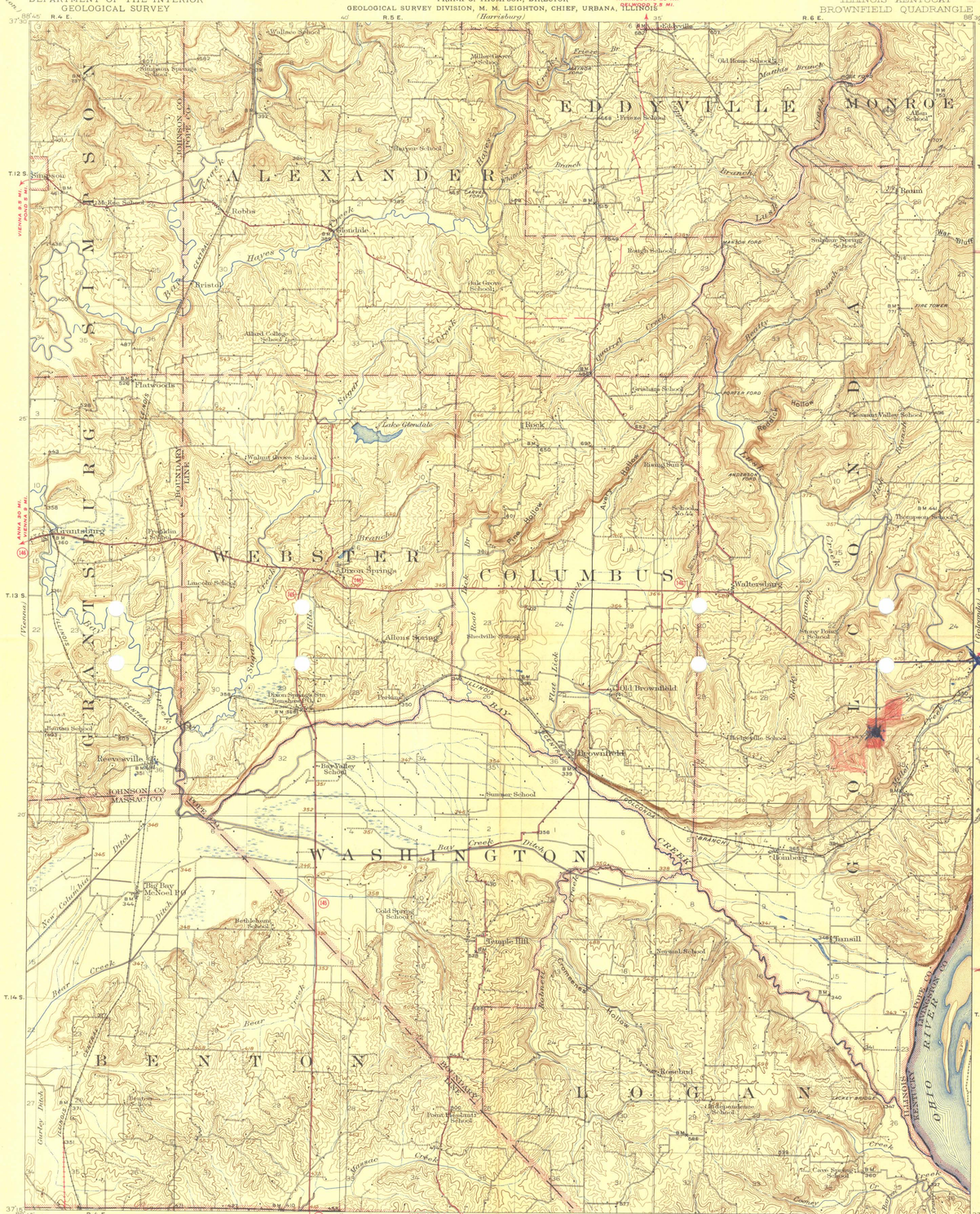
C.H. Birdseye, Chief Topographic Engineer.
W.H. Herron, Topographic Engineer in charge.
Topography by C.W. Goodlove, C.L. Sadler, R.M. Herrington.

EDDYVILLE
MONROE
Old Home School
Freeze School
Allen School
Robinson
Sulphur Spring School
War Bluff
Fire Tower
Grisham School
Pleasant Valley School
Rock
Rising Sun
Thompson School
T. 12 S.
MONROE
Julian Hill
War Bluff
SHAWNEE
WESTON
St Josephs School
Grand Pierre Sch
Bethesda School
Melcher Hills
Rich Hill
Shetlerville
GOLCONDA
ILLINOIS
OHIO
Rock Quarry School
Libroder School
Lewis Chapel
Rondeau
Berry Ferry
GOLCONDA
(BM 354)
Cave Spring School
Newmans School
Trimble School
Valley Ridge School
Joy
Pryor
Goodhope School
Rockhill School
McFagon Church
Newmans Bluff
Pleasant Valley School
Dooley Bluff School
St Murray Chapel
Bay City
Bayou School
Cullom School
COLUMBUS
Walterburg
Stony Point School
Old Brownfield
Hodgeville School
Brownfield
Hornberg
Tunsill
Normal School
Rosebud
Cave Spring School
T. 13 S.
T. 14 S.
R. 6 E.
GOLCONDA 0.8 MI.
ELIZABETHTOWN 16 MI.
POPE CO.
HARDIN CO.
LIVINGSTON CO.
ILL. CENTRAL
Edition of 1917, reprinted 1943
with corrections
C.H. Birdseye, Chief Topographic Engineer
Topographic Engineer in charge

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF ILLINOIS
DWIGHT H. GREEN, GOVERNOR
DEPARTMENT OF REGISTRATION AND EDUCATION
FRANK G. THOMPSON, DIRECTOR
GEOLOGICAL SURVEY DIVISION, M. M. LEIGHTON, CHIEF, URBANA, ILLINOIS

ILLINOIS–KENTUCKY
BROWNFIELD QUADRANGLE



R. B. Marshall, Chief Geographer.
W. H. Herron, Geographer in charge.
Topography by C. W. Goodlove, J. A. Duck, R. M. Herrington, W. S. Gehres, and H. E. Burney.
Control by Corps of Engineers U. S. Army.
C. B. Kendall, R. G. Clinite, and S. R. Archer.
Surveyed in 1914–1915.
Culture revised in part 1940
SURVEYED IN COOPERATION WITH THE STATE OF ILLINOIS.

Scale 62500

Contour interval 20 feet.
Datum is mean sea level.

Edition of 1917, reprinted 1943
with corrections
Polyconic projection

ILL-KY
BROWNFIELD

N3715—W8830/15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF KENTUCKY

STATE OF ILLINOIS
DWIGHT H. GREEN, GOVERNOR
DEPARTMENT OF REGISTRATION AND EDUCATION
FRANK G. THOMPSON, DIRECTOR
GEOLOGICAL SURVEY DIVISION, M. M. LEIGHTON, CHIEF, URBANA, ILLINOIS

KENTUCKY–ILLINOIS
GOLCONDA QUADRANGLE

C. H. Birdseye, Chief Topographic Engineer.
W. H. Herron, Topographic Engineer in charge.
Topography by C. W. Goodlove, C. L. Sadler, R. M. Herrington, and W. S. Gehres.
Ohio River by Corps of Engineers, U. S. Army.
Control by Corps of Engineers U. S. Army, C. B. Kendall, J. H. Wilson, F. L. Whaley, S. R. Archer, and R. G. Clinite.
Surveyed in 1914, 1916 and 1920.
Culture partly revised, 1944 and 1947
SURVEYED IN COOPERATION WITH THE STATES OF KENTUCKY AND ILLINOIS.

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS		DRY WEATHER ROADS	
Heavy-duty		Improved dirt	
Medium-duty		Unimproved dirt	
Loose-surface, graded, or narrow hard-surface			

U. S. Route — State Route

Scale 62500

Contour interval 20 feet.
Datum is mean sea level.

Polyconic projection.

KY-ILL
GOLCONDA
Edition of 1921,
reprinted 1948
with corrections
N3715—W8815/15