DMA Form 1

DEFENSE MINERALS ADMINISTRATION
Control Slip

CONTROLLED DOCUMENT

DMA Docket No. 1510

DO NOT DETACH THIS SLIP

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

This document has been recorded as

An Exploration Project.

Any action taken to change the type of request for assistance must be promptly reported to the Reports and Records Branch. Use DMA Form 2 for submitting these reports.

Routing Slip

To: P.E. Div. Date 12/3/51

To: Date

To: Date

To: Date

To: Date

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To: Date

To: Date

DO NOT DETACH

CONTROLLED DOCUMENT

DMA Form 2

DEFENSE MINERALS ADMINISTRATION
Status Change Notice

DMA Docket No. 1510

To: Reports and Records Branch Tephoma Mining Corp.

From: Lead Zinc Branch

Date: July 6 1951

The following action has been taken this date on the above Controlled Document.

Forwarded to _____

Type of request changed to:

_____

Denied ☐ Withdrawn ☐

Approved in amount of $ _____

Other action, specify:

On hand - awaiting reply from applicant.

Interior—Duplicating Section, Washington, D. C. 98869

applicant has not replied to our letter of July 5 in which we requested drastic modification of his application. There is a suspicion that he lost interest when it was spelled out to him that he had to foot half of the expenses.

A.R. 2-4-52

500

FILE COPY
SURNAME:

Moulds

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

MAR 4 1952

Mr. Fred W. Roberson, Jr.
Texhoma Mining Corporation
1422 Preston Avenue
Austin, Texas

Re: Docket No. DMEA 1510

Dear Mr. Roberson:

A review of the Defense Minerals Exploration Administration files indicates that on July 5, 1951 and also on December 29, 1951 letters were sent to you requesting information on your application for a defense exploration project.

Since a reply has not been received to either of these letters, we naturally assume that you are no longer interested in this type of assistance. Your application is therefore considered closed, and we are removing it from our active file.

Sincerely yours,

D. E. Moulds meh 3/4/52

D. E. Moulds, Chief
Base Metals Division
Defense Minerals Exploration
Administration

DEMoulds/meh
3/3/52
cc to: Adm. R. File
Docket File Copy
Mr. Moulds
Mr. Bishop
Mr. McKnight
Region VI (2)

500

FILE COPY
SURNAME:

Moulds

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

DEC 29 1951

Mr. Fred W. Roberson, Jr.
Texhoma Mining Corporation
1422 Preston Avenue
Austin, Texas

Re: Docket No. DMA 1510X

Dear Mr. Roberson:

A review of the Defense Minerals Exploration Administration files indicates that on July 5, 1951 a letter over the signature of Tom Lyon was mailed to you relative to your application for aid in a defense exploration project.

In order that we may determine the status of your application, we will appreciate receipt, at your earliest convenience, of the requested information or your request to withdraw the application in the event you do not desire the exploration assistance under the requirements of Mineral Order 5, a copy of which is enclosed for your information.

Sincerely yours,

Signed S.W. 12-29

D. E. Moulds, Acting Chief
Base Metals Division
Defense Minerals Exploration
Administration

Enclosure-1

DEMoulds/meh
12/28/51
cc: Adm. R. Files
Mails and Files
Mr. Mittendorf
Mr. Moulds
Region VI (2)
Docket

BL

IN REPLY REFER TO:

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

Re: DMA-1510X
Texhoma Mining Company
Austin, Texas
Exploration loan, $77,900
Lead, zinc

Memorandum

To: Reports and Records Unit

From: Mr. E. T. McKnight

Subject: Denial of exploration loan

In a letter dated July 5, 1951, signed by Tom Lyon, the applicant was requested to submit a revised application regarding his exploration program. He was also informed of the participation requirements.

Since the applicant has failed to reply, it is presumed that he is not interested in an exploration loan that requires contributing half of the expenses. It is recommended that the docket be closed. A letter to the applicant is not necessary.

Returned herewith:

4 copies Form MF-103 with attachments

1 copy of letter dated July 5, 1951

Edwin T. McKnight
Edwin T. McKnight
Geologist

W E Mendes
Acting Chief Base Metals Division
D.M.E.R.

FILE COPY
Surname:

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

Re: DMA-1510X
Texhoma Mining Company
Austin, Texas
Exploration loan, $77,900
Lead, zinc

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4 copies Form MF-103 with attachments

1 copy of letter dated July 5, 1951

Edwin T. McKnight

Edwin T. McKnight
Geologist

FJLEE:emp
Copies to: Geol Files 4240
Br. Files 4208
Directors r. files 4214
Br. r. file 4214 GSA
E. T. McKnight

FILE COPY
SURNAME:

McKnight
Note
Address

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

Airmail July 5, 1951

In reply please refer to: DMA-1510

Mr. Fred W. Roberson, Jr.
Texhoma Mining Corporation
1422 Preston Avenue
Austin, Texas

Dear Mr. Roberson:

Your application for an exploration loan of $78,900 to explore an area 3 miles west of Big Cabin, Oklahoma, has been reviewed by the Defense Minerals Administration.

We note that you plan to contribute your half of the exploration costs in labor and rental of equipment. In a churn drilling proposal of this type, a churn driller at $16.00 per day and tool dresser at $12 are necessary manpower items. However, for a 1 rig exploration, we do not believe that supervision by a drilling superintendent and an engineer, both at full time salaries, is needed. An engineer living in the Picker district could accomplish all the engineering needed on your proposed project on half time, if only two holes are put down per month. If you furnish this manpower as your share of the costs, it should not amount to more than $1200 per month.

In answering question No. 9, you mention rental of equipment as part of your contribution, but in answering question No. 23 (g), you state that you have no equipment for rental. Thus, if your contribution is to be limited to furnishing manpower, the project will have to be curtailed well below the $78,900 that you have proposed as the cost of the total project.

You are proposing to drill 40 holes an average depth of 450 feet. This is 18000 feet of hole. At a total cost of $78,900, this comes to $4.38 per foot which we believe to be too high for churn drilling in an area so close to the Tri-State district.

Although we believe that the chances of finding commercial bodies of lead-zinc ore by the drilling you propose are not more than fair, nevertheless we are aware that this type of prospecting is necessary in the Tri-State area and we are willing to consider a proposal from you. However, we cannot approve your project in its present form. If you can propose a project showing drilling costs more nearly in line with those prevailing in the district and will be more specific as to how you will furnish your half of the total funds needed, we will be glad to give your proposal further consideration. The Defense Minerals

Binder 1510

Administration would prefer to have the drilling costs contracted at a set rate per foot, which is the method you imply that you have used in getting the two previous holes drilled. In this way, half of the contract costs could be charged to you and half to the Government. However, if you prefer to buy a drilling rig and hire the manpower to operate it, this method can be considered.

Very truly yours,

Tom Lyon

Tom Lyon, Director
Supply Division

ETMcKNIGHT:emp
G 7/5/51
Copies to: David Gallagher Region VI (2)
Chief, Lead-Zinc Br.
E. T. McKnight 4204 GSA
R. H. Mote
L. F. Strobel
Directors r. file 4214 GSA
Br. r. file 4214 GSA
Files

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-1510X

Date received 6/4/51

Participation

[redacted]

Name and address of applicant

Date [redacted]

FILL IN THIS BLOCK

Date of application [redacted]

Estimated cost [redacted]

Mineral or metal [redacted]

Percentage of Government participation [redacted]

Location of mine [redacted]

Date of filing MF-100 [redacted]

DMA Docket Number, if available [redacted]

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.

[illegible] (Name of company)

By [illegible] (Signature of authorized official)

[illegible] (Date)

[illegible] (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

APPLICATION FOR AID FOR AN EXPLORATION PROJECT FOR DEBT TO MINERAL ORDER 5

UNDER DEFENSE PRODUCTION ACT OF 1950

FORM MP-103 Budget Bureau No. 42- R 1085

In answer to questions therein stated

2. Not applicable. Name Tenkama. Incorporated under Laws of Texas account # 60060.

3. Frederick W. Roberson, Jr. President 2206 E Tom Green St. Austin, Texas

G.L. Carlisle Vice President 1106 Elm St. Austin, Texas

Barbara D. Rand Secretary 1422 Preston Ave. Austin, Texas

Frank Owen III Treasurer 406 W. 30 St. Austin, Texas

Directors same as officers.

Five largest stockholders:

Frederick W. Roberson Jr. 2206 E Tom Green St. Austin, Texas

G.L. Carlisle 1106 Elm St. Austin, Texas

Frank Owen III 406 W. 30th St. Austin, Texas

George Reynolds 503 Duke St. Alexandria, Va.

W. Randle Eldridge 2300 Dexter Ave. Austin, Texas

4. (a) Corporation has been engaged in exploration for lead and zinc for a period of approximately 4½ years and during that time has leased property in northeastern Oklahoma and done prospect drilling through a contract driller during this time.

(b) Frederick W. Roberson, Jr. and G.L. Carlisle have been engaged in leasing land and exploring same through prospect drilling and other methods for approximately 3 years. Frederick W. Roberson Jr. is a graduate of the law school of the University of Texas and is presently engaged in the oil business as an independent oil operator. G.L. Carlisle has had 5 years experience general contracting in Texas.

The corporation's mining engineer Thomas C. King of Baxter Springs, Kansas has been engaged in mining of gold, quick silver, lead and zinc ores for approximately 28 years. 5 years of this period was spent with the Eagle Picher Mining and Smelting Co. at Picher, Oklahoma where until recently Mr. King was head mineralogist of their central mill. Mr. King is presently associated with a mining partnership which is doing prospect drilling for lead and zinc ores in the vicinity of Joplin, Missouri.

TENKAMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

4. Lease
5. Not applicable
6. Not applicable
7. Lease in good standing. Attached copy.

8. See attached copy of financial statement.

9. Total assets of the corporation. Our share of expenses will consist mainly of labor and rental of equipment. This will be 50% of the cost of the project.

10. (a) NW/4 of NE/4; W/2 of NE /4 of NE/4; and NE/4 of NE/4 of NE/4 all in Sec 32, Township 24 N, Range 19 EI, Craig County, Iklahoma. SE/4 of NE/4 and NE/4 SW/4 of NE/4 of Section 32 and SW/4 of NW/4 of Section 33 in Township 24 North Range 19 EI. No existing mine on property.

(b) same as above

11. C.L. Pitt's farm, Big Cabin, Oklahoma

12. 8 miles west of Big Cabin, Oklahoma where the Frisco Railroad and highway U.S. 79 are located. Gravel county roads in good condition and passable at all times connect the proposed drilling site with U.S. highway 79 at Big Cabin, Oklahoma.

13. Creek water available and well water available at all seasons, both in sufficient quantity for drilling and mining operations.

Electric Power not applicable.

14. None

15. By truck or rail to Eagle Pitcher Mining & Smelting Co., Central Mill at Pitcher, Oklahoma which is approximately 60 miles from site of proposed drilling.

16. (a) Free galena has been found from time to time in the creek bed of the creek which runs near the property to be drilled. After thefinding of this free galena Thomas C. King was consulted as to his opinion of the probable source . After checking the available geologic data on the Big Cabin area Mr. King decided that this galena might have come from a larger deposit which had been uncovered by the creek during high water. From information gathered from persons who have drilled shallow oil wells in this area it was learned that the area was heavily mineralized with pyrite and the decision to see whether or not this mineralization would

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

include lead and zinc. In February and March of 1950 two prospect holes were drilled in this area, one to a depth of 468 feet and the other to a depth of 465 feet. These prospect drill holes , the logs of which are enclosed showed a heavy pyrite overlay under the shale and traces of zinc sulfide in the lower beds.

Due to the geological formation of this area and a similarity of this formation to the Pitcher field it is believed that the area proposed has very good possibilities as a potential major ore field.

Texhoma corporation, however, temporarily abandoned its operations due to lack of money.

(b) This area is on the east west trend line of the major lead and zinc areas of the United States. The known western tip of this area is at Pitcher, Oklahoma, a distance of approximately 50 air miles. We believe proposed drilling has a good chance of uncovering another major ore producing area .

(c) Reports attached.

17. Not applicable.

18. Not applicable

19. No further comment.

20. Lead and Zinc.

21. Applicant proposes to drill approximately 40 prospect drill holes to a depth of approximately 450 feet on the lease presently held by the applicant. We estimate 20 months for the completion of the project.

22. See 14. Drill logs and other geological data attached.

23. (a) Labor
1 Driller $14.00 per day
1 Tool Dresser $12.00 per day

(b) Supervisors
1 Engineer $25.00 per day
1 Drilling Superintendent $20.00 per day

(c) none

(d) moving of rig at $25. per move, 40 moves approximately $1,000.00

TEXHOMA MINING CORPORATION
1422 Preston Ave.
Austin, Texas

(e) 1 Jumbo -C rig $8,000.00

1 2 ton truck 3,000.00

1 pick up truck 1,500.00

(f) none

(g) none

(h) oil and gas $10.00 per day. Water transport $10.00 per day. Spare parts and replacements etc. $8.00.

(i) See (h)

24. Should complete approximately 2 holes per month, or a total of 20 months and a total of $78,900.00.

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

EAGLE-PICHER MINING & SMELTING CO.

DATE [illegible]

TITLE: Fernhills cut by [illegible]

PROJECT NO. [illegible]

DESCRIPTION: Center of S line [illegible] of Section 28 [illegible] N [illegible] Cals C[illegible]

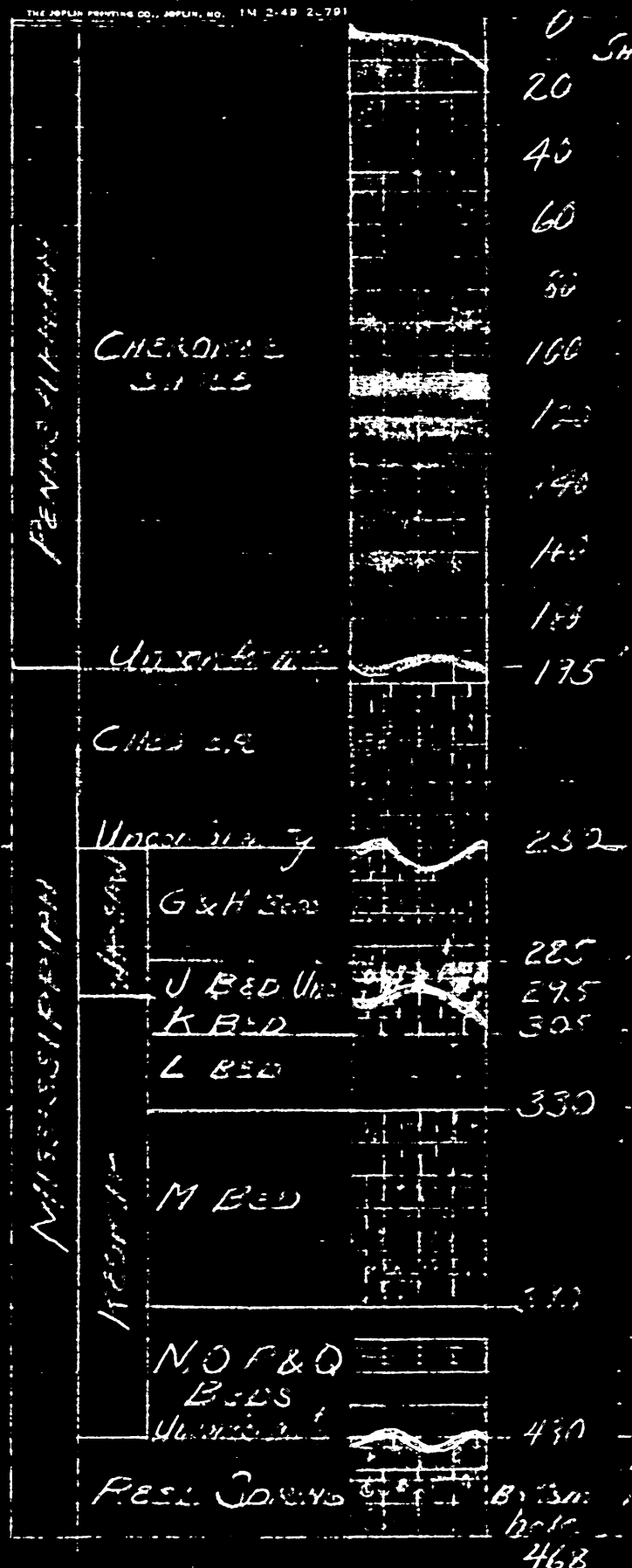
BY [illegible]

APPROVED [illegible]

OKLAHOMA — Feb 6 thru 8, 1950 — E. L. Vaughn

SHEET NO. [illegible] OF [illegible]

THE JOPLIN PRINTING CO., JOPLIN, MO. 1M 2-49 2-791



OT BUSBY
[illegible] & DRILLER for
— FERNHILL MINING CO —

Bus [illegible]

Dark [illegible]

Light [illegible]

Dark brown [illegible]

Light [illegible]

Light [illegible]

Light [illegible]

EAGLE-PICHER MINING & SMELTING CO.

DATE 16 APRIL 1950

TITLE: FORMATIONS CUT by WAYNE TRUNDLE #1

PROJECT NO.

DESCRIPTION: Center of SE 40 SECTION 33 T 24N R 19E CRAIG Co. OKLAHOMA

BY Tom Kane

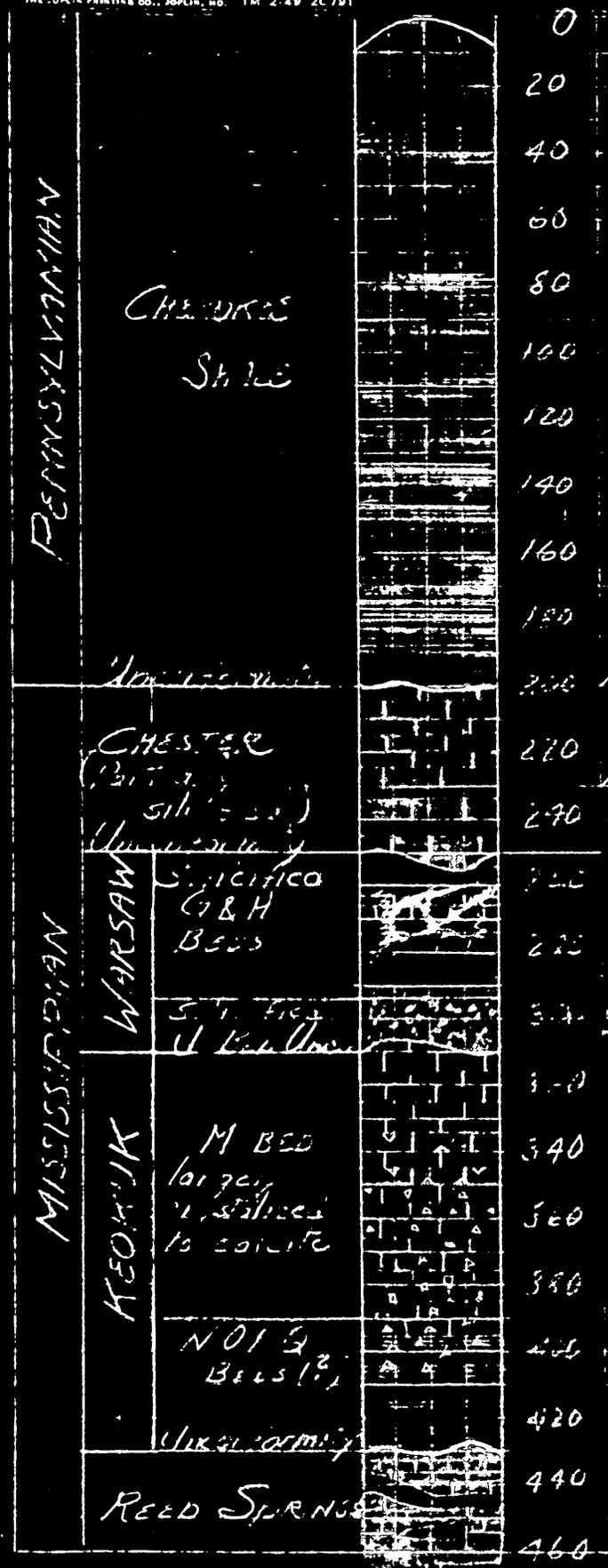
APPROVED

BEGAN MAR 10 FINISHED MAR 24, 1950 — EARL VAUGHT

SHEET NO. OF

O.T BUSBEE
OWNER & DRILLER for
TEXHOMA MINING CORP

THE OPLIN PRINTING CO., JOPLIN, MO. 1M 2-49 20791



Dark shale

Sandstone bands

Gray Brown limestone
interbedded with
chert (flint) approx 4%

Brown limestone very
sandy

Brown limestone & light gray
chert 80 20 interbedded with
gray shale bed (2 ft)

Brown limestone & glassy chert
bonded some green gray acicular
traces of black jasperoid bed.
approx chert 70 brn lim 30
light gray chert specks bnd
glassy cryst. chert & jasperoid
light brown limestone & chert & black shale
light brown & gray limestone & chert

" " " " traces calcite
crystallized light brown gray limestone
crystalline light gray limestone
" "
" "
" " some gray chert
" " some dark chert
60% " " light gray chert
" " some black jasperoid
light brown limestone 10% dark chert
" " 40% " "
" " 15% " "

MINING LEASE

THIS AGREEMENT, Made and entered into this 9th day of Feb., 1950, by and between C. L. Pitts & Daisy Pitts husband & wife.

hereinafter referred to as Lessors, and F. W. Roberson and G. I. Carlisle, a partnership doing business as Roberson-Carlisle, hereinafter referred to as Lessee, WITNESSETH: That,

All the covenants and obligations hereof to be kept and performed on the part of Lessors shall be deemed to be both joint and several as to such Lessors, except that any notices or demands to be made by Lessors shall be signed by all of said Lessors.

Lessors, in consideration of the sum of One Dollar ($1.00) to them in hand paid, the receipt of which is hereby acknowledged, and the covenants and agreements to be kept and performed by Lessee, its sublessees, successors or assigns, the sufficiency of which to support each and every covenant, right and privilege herein granted is hereby acknowledged, and the royalties to be paid Lessors, all as hereinafter set forth, have and by these presents do demise, lease and let to said Lessee, its successors and assigns, for the purpose of searching and prospecting for and mining lead and zinc ores and all other valuable minerals and metals, excepting coal, oil, and gas, the following described real estate, to:wit:

NW/4 of NE/4; W/2 of NE/4 of NE/4; & NE/4 of NE/4 of NE/4 all in Sec. 32, Township 24 N, Range 19 E, Craig County, Okla.
SE/4 of NE/4 & NE/4 SW/4 of NE 4 of Sec. 32 & SW/4 of NW/4 of Sec. 33 in Township 24 North Range 19 E.

for the purposes hereof considered and treated as one parcel, for the term of Ten (10) years from and after the date hereof, together with the option if this lease is in force and effect on such expiration date of an extension or renewal for a like period of time thereafter; all upon the following terms and conditions, to-wit:

It is understood that Lessee herein has acquired and intends to and is attempting to acquire other leases substantially similar to this, upon other lands within a local area comprising Sections 19, 20, 21, 28, 29, 30, 31, 32, and 33, in Township 24 North, Range 19 East, all in Craig County, Oklahoma, and that this lease shall be deemed one of a series of community leases within said area, (but the validity of this lease is not contingent upon and shall not depend upon the acquiring of additional leases), and that, anything herein stated or any legal conclusion based thereon to the contrary notwithstanding, it is specifically agreed that entry by Lessee or those with authority in its behalf upon any one or more of such leases Lessee may obtain in said area, on or before June 1, 1950 and continuous drilling thereafter, without regard to which particular lease or leases on which drill rigs may be operating, shall be deemed sufficient compliance with the terms hereof concerning prospecting requirements, for a period of two (2) years from and after June 1, 1950. It is specifically agreed that this agreement does not obligate the Lessee to go upon any particular tract of land included in the group of leases, or having once entered upon any particular tract of the lands here leased, to thereafter continue drilling thereon during such two year period, but Lessee may transfer its drilling operations from time to time to any of the leases, as it may see fit, and that drilling so conducted shall hold all of the rights herein granted valid during the two year period.

1. Subject to the provisions of the paragraph next preceding, Lessee agrees to enter upon said lands leased hereby within two (2) years from the date of June 1, 1950 and commence prospect drilling or mining operations, including such installation of such pumps as may be found necessary to handle the water that may be encountered, and thereafter conduct either prospecting or mining operations at least nine (9) months out of each year under the terms hereof, which operations shall not be suspended for more than thirty (30) days at any one time during the nine-months working period without written permission of Lessors: provided, however, that Lessee may pay to Lessors the sum of Twenty-five Dollars ($25.00) on or before the tenth of each calendar month in lieu of the foregoing provisions requiring prospecting or mining on the property described herein, and such payments shall be considered as advance royalty and be deducted from the

royalty payments hereafter specified herein as and when mining production is actually begun on said property; and provided, further, that Lessee shall not be required to conduct pumping, prospecting or mining operations on said lands during such times as the market price of Spelter shall be below six cents (6 ¢) per pound on the East St. Louis, Illinois metal market, cessation of work for this reason in no event to exceed a period of two years at any one time.

2. Lessee shall furnish the Lessors a complete log of each and every hole drilled on said lands, and where cuttings from drill holes are assayed, a copy of the assay, and at reasonable times upon request from Lessors, but not oftener than twice in any one year, a map showing definite location of each hole. Upon the completion of each hole, unless same is desired by Lessee to be kept open in connection with contemplated mining operations, Lessee shall pay to Lessors the sum of Twenty Five ($ 25.00) as compensation to Lessors for plugging or filling such hole, which payment shall be also in consideration of releasing Lessee from further liability or obligation in connection with the existence or condition of said hole, unless same shall thereafter be reopened by Lessee.

3. Lessee shall mine said lands in a good, thorough and workmanlike manner; shall keep all shafts cribbed and drifts timbered or otherwise supported where in the judgment of Lessee same shall appear to be necessary, and shall not remove such timbers or supports without written permission of Lessors, but shall not be liable for damages in event of caving of said lands, or any portion thereof, by reason of failure of timbers placed or pillars left to support same. Lessee shall also have the right to occupy and use so much of said lands as in its judgment may be needed to properly conduct prospecting or mining operations hereunder, which shall include the right to erect on said land all necessary buildings and structures, machinery, and equipment, for the purpose of mining, crushing, cleaning and milling and preparing for market the mineral or metal products found, to build ponds for the storage or settling of water pumped or used in connection with said operations, to store on said lands tailings or other waste products resulting from mining operations hereunder, with the right to construct trams, roads and railroads over and across said lands for the purpose of carrying on said operation or as means of ingress and egress. Lessee shall have the right to remove any of said buildings, structures, machinery, or equipment, at any time during the term hereof, or within One (1) year after the expiration hereof and without any rental for the use of such premises therefor. The possession of said lands for all purposes not consistent with and which do not interfere with prospecting, or mining hereunder, and all surplus water not used for mining operations are reserved to Lessors.

4. It is agreed that Lessee shall have the privilege of raising ores mined from adjoining or neighboring lands through shafts on this land or to raise ores from this land through shafts located on adjoining or neighboring lands. In either event Lessee shall exercise extreme care to prevent a commingling of ores from this land with ores from other lands before such ores reach the mill where they are to be milled. In the event that Lessee desires to raise ores mined from adjoining or neighboring lands through shafts located on this land and Lessee is not at the same time mining ores on this land, it shall pay to Lessors the sum of Fifty Dollars ($50.00) per month for such use of Lessors' land.

5. Ores and minerals mined from this land may be cleaned and prepared for market thereon in an independent operation, or at a central concentrating plant located on this or other lands within the Tri-State Area, separately or in connection with other ores, as Lessee may elect, and if cleaned at such a central concentrating plant shall be weighed, assayed, treated, handled and the net recoverable lead and zinc concentrates determined, disposed of, accounted for, and royalty due Lessors thereon determined, in accordance with weighing, sampling and concentrating methods recognized in the industry as practical and efficient at the time of receipt at the mill. Complete and permanent records shall be made and kept of said entire transaction, which shall be open to inspection and audit of Lessors or their agent at all reasonable times, and Lessors or their agents may likewise be present and observe said operation at all reasonable and seasonable times. Subject to the payment of royalty hereinafter provided, all lead and zinc concentrates or other recoverable values shall belong to Lessee. Tailings and other waste products resulting from milling on the lands herein described of ores

mined therefrom shall belong to Lessors, subject to Lessee's right to further treat same for recoverable minerals or metal values, during the life of this lease. If ores mined and raised on said lands herein leased are treated and cleaned at a central concentrating plant located on other lands, tailings and other waste products resulting from said ores shall belong to Lessee.

6. Lessee shall on or before the tenth day of each calendar month pay to Lessors as rent or royalty or deposit same in First Nat'l Bank at Vinita, Oklahoma, or such other Bank as all of said Lessors may in writing hereafter designate, (such Bank, or Banks, being hereby designated and constituted as Agent of Lessors to receive such payments, and deposit in such Bank to be deemed and considered payment to Lessors), five (5%) per cent of the market value of the recoverable lead and zinc concentrates contained in the ores mined and milled and sold on the premises, or taken therefrom for milling, during the preceding calendar month, with a statement showing the amount, quality, kind and weight, and the value thereof. "Concentrates" is hereby defined to mean the salable zinc or lead or both minerals as recoverable at the mill or concentrating plant where treated, including in addition to lead or zinc metal any and all other metals, or elements contained in such concentrates, whether or not such metals or elements are by presently known or by future discovered methods of recovery rendered valuable. "Market Value" is hereby defined for the purposes hereof to be, (a) the value of concentrates resulting from ores mined from lands herein leased and milled in an independent operation on the premises as based upon the market price established in the Tri-State District of Kansas, Oklahoma and Missouri for concentrates of a similar grade and kind and prevailing at the time said concentrates are disposed of; or, (b) the value of the recoverable concentrates, as shown by assay, contained in the ores taken to a central mill, based upon the market price prevailing in the Tri-State District for similar concentrates at the time said ores are delivered to the Mill for treatment. Lessors shall have no interest in any bonus or premium paid to Lessee by the United States Government or any agency thereof on the ores and minerals produced from the premises nor shall any royalty be paid on said bonus or premium. The same rate of royalty shall be paid in the same manner on all iron concentrates recovered and marketed separately by Lessee from the ores mined from said premises hereunder.

7. As an additional consideration lessee agrees to pay lessor, their heirs and assigns, as a mineral revenue bonus the additional sum of $100.00 - per acre out of two (2%) per cent of the revenue from the first minerals mined and marketed from the leased premises, if, as and when mined and marketed from said property under the terms of this lease and in no other way. The obligation to pay additional consideration described above shall follow the ownership of the interest herein conveyed and be dependent upon such ownership; and each successive owner shall pay and be responsible only for the payments due on account of minerals mined and marketed from the leased premises by such owner.

8. During the prospecting period as herein provided for, Lessee shall keep all gates on the premises closed and shall pay Lessors for actual damage to growing crops caused by prospecting operations hereunder. In the event that mining operations are commenced on said premises Lessee agrees upon written request from Lessors to construct cattle guards in place of gates used by Lessee in entering or leaving said property. It is further agreed that Lessee will not sink any shaft or erect any mill within three hundred feet (300') of any dwelling located on the premised herein described without the written consent of Lessors.

9. Lessors agree to pay their proportionate part of the taxes assessed or levied by the State in which said lands are located, or any subdivision thereof, or by the Federal Government, against ores or minerals produced from said lands.

10. Lessors hereby warrant and agree to defend the title to the lands leased herein, and Lessee is hereby given and shall at all times during the life hereof have the right, but is not obliged to pay taxes, mortgages or other liens which may be due and payable in the event of default of payment by Lessors, in which event Lessee shall be subrogated to all the rights of the holder thereof.

11. In case of failure of Lessee to keep and perform the terms and obliga-

tions of this lease, Lessors may give thirty (30) days' written notice of the breach or violation complained of, and if such violation or default is not removed or corrected in said period, provided the same can be remedied within that time, this lease shall thereupon terminate at the option of Lessors, which shall be evidenced by notice in writing to Lessee, and which remedy shall be exclusive, provided, however, that no forfeiture shall be asserted or based on cessations or delays in operations hereunder when occasioned by fire, riot or civil commotion, strikes, or other labor controversies, operations of Law or interference of Government Agencies, acts of nature, or other causes beyond the control of Lessee at the time of occurrence whether or not same could have been foreseen or prevented. Notices in this paragraph provided shall be given by mailing same to Lessee by registered mail and the time of the notice shall start to run from date of delivery.

12. Lessee may at any time and is hereby given permission to surrender this lease by executing and tendering to Lessors a written release hereof, and from and after such tender shall be released and relieved from all further obligations or liability hereunder except to account for and pay royalties accrued during the life hereof. Tender of such release may be made by delivering same to any Lessor in person or by depositing the same with any official or employee of the Bank at such time acting as Agent for Lessors to receive payment or royalties hereunder; or by recording in the office of the Recorder of Deeds of the County in which said lands are located, of such release, and paying the recording fee. Upon termination of this lease from any cause, upon request Lessee will furnish Lessors with a copy of the most recent map in the possession of Lessee showing the underground workings.

13. This Lease shall run to and be binding upon each of the parties hereto, their heirs, legatees, legal representatives, successors, sublessees or assigns, respectively.

In Witness Whereof, the Lessors have hereunto set their hands and seals, and the Lessee has caused its name to be subscribed by its proper officer, the day and year first hereinablve set out.

C. L. Pitts

Daisy Pitts

LESSORS

ROBERSON - CARLISLE

By F. W. Roberson Jr.

LESSEE

STATE OF OKLAHOMA)
COUNTY OF Craig) ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1949, personally appeared C. L. Pitts & Daisy Pitts - Husband & wife to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:
Feb. 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

STATE OF OKLAHOMA)
COUNTY OF Craig) ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1949, personally appeared F. W. Roberson Jr. to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:
Feb. 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

TEXHOMA MINING CORPORATION

BALANCE SHEET

AS OF JANUARY 1, 1951

ASSETS			
Cash			210 82
Leases (No Stated Value)			
			210 82
LIABILITIES			
Common Stock		2500 00	
(2500 Shares @ $ 1.00 Per Share)			
Surplus			
Paid In Surplus	285 49		
Earned Surplus	2574 67		
		2289 18	
			210 82

TEXHOMA MINING CORPORATI

STATEMENT OF PROFIT AND LOSS

FOR THE YEAR ENDING DEC. 31, 1950

Income	-0-	
Expenses		
Cost of Prospect Drilling	1951	00
Legal Expenses	148	00
Travel Expenses	389	85
Telephone Expenses	63	82
Taxes	22	00
	2574	67

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-1510 X

Date received 6/4/51

Participation

TEXAS LEAD CORPORATION
1422 Preston Ave.
Austin, Texas

Name and address of applicant

Date May 23, 1951

FILL IN THIS BLOCK

Date of application May 23, 1951

Estimated cost $78,000.00

Mineral or metal lead and zinc

Percentage of Government participation 50%

Location of mine 3 miles west of Big Cabin, Oklahoma

Date of filing MF-100 not applicable

DMA Docket Number, if available not applicable

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.

TAHOLA MINING CORPORATION
(Name of company)

By Fred W. Roberson, Jr.
(Signature of authorized official)

May 23, 1951
(Date)

Fred W. Roberson, Jr.
President
(Title)

Title 18, U. S. Code (Crimes), Section 1001, makes it a criminal offense to make any 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

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

FORM MP-103 Budget Bureau No. 42- R 1035

In answer to questions therein stated

1. Corporation. Name Texhoma. Incorporated under laws of Texas account # 60060.
2. NOT applicable.
3. Frederick W. Roberson, Jr. President 3206 B Tom Green St. Austin, Texas

G.I. Carlisle Vice President 1108 Elm St. Austin, Texas

Barbara D. Rund Secretary 1422 Preston Ave. Austin, Texas

Frank Owen III Treasurer 406 W. 30 St. Austin, Texas

Directors same as officers.

Five largest stockholders:

Frederick W. Roberson Jr.	3206 B Tom Green St.	Austin, Texas
G.I. Carlisle	1106 Elm St.	Austin, Texas
Frank Owen III	406 W. 30th St.	Austin, Texas
George Reynolds	505 Duke St.	Alexandria, Va.
W. Randle Eldgridge	2300 Bowman Ave.	Austin, Texas

4. (a) Corporation has been engaged in exploration for lead and zinc for a period of approximately 1½ years and during that time has leased property in northeastern Oklahoma and done prospect drilling through a contract driller during this time.

(b) Frederick W. Roberson, Jr. and G.I. Carlisle have been engaged in leasing land and exploring same through prospect drilling and other methods for approximately 3 years. Frederick W. Roberson Jr. is a graduate of the law school of the University of Texas and is presently engaged in the oil business as an independent oil operator. G.I. Carlisle has had 5 years experience general contracting in Texas.

The corporation's mining engineer Thomas C. King of Baxter Springs, Kansas has been engaged in mining of gold, quick silver, lead and zinc ores for approximately 13 years. 5 years of this period was spent with the Eagle Picher Mining and Smelting Co. at Picher, Oklahoma where until recently Mr. King was head mineralogist of their central mill. Mr. King is presently associated with a mining partnership which is doing prospect drilling for lead and zinc ores in the vicinity of Joplin, Missouri.

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

4. Lease applicable
5. Not applicable
7. Lease in good standing. Attached copy.

8. See attached copy of financial statement.

9. Total assets of the corporation. Our share of expenses will consist mainly of labor and rental of equipment. This will be 50% of the cost of the project.

10. (a) NW/4 of NE/4; W/2 of NE /4 of NE/4; and NE/4 of NE/4 of NE/4 all in Sec 32, Township 24 N, Range 19 EI, Craig County, Oklahoma. SE/4 of NE/4 and NE/4 SW/4 of NE/4 of Section 32 and SW/4 of NW/4 of Section 33 in Township 24 North Range 19 EI. No existing mine on property.

(b) same as above

11. C.L. Pitt's farm, Big Cabin, Oklahoma

12. 3 miles west of Big Cabin, Oklahoma where the Frisco Railroad and highway U.S. 79 are located. Gravel county roads in good condition and passable at all times connect the proposed drilling site with U.S. highway 79 at Big Cabin, Oklahoma.

13. Creek water available and well water available at all seasons, both in sufficient quantity for drilling and mining operations.

Electric Power not applicable.

14. None

15. By truck or rail to Eagle Pitcher Mining & Smelting Co., Central Mill at Pitcher, Oklahoma which is approximately 60 miles from site of proposed drilling.

16. (a) Free galena has been found from time to time in the creek bed of the creek which runs near the property to be drilled. After thefinding of this free galena Thomas C. King was consulted as to his opinion of the probable source . After checking the available geologic data on the Big Cabin area Mr. King decided that this galena might have come from a larger deposit which had been uncovered by the creek during high water. From information gathered from persons who have drilled shallow oil wells in this area it was learned that the area was heavily mineralized with pyrite and the decision to see whether or not this mineralization would

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

include lead and zinc. In February and March of 1950 two prospect holes were drilled in this area, one to a depth of 468 feet and the other to a depth of 465 feet. These prospect drill holes , the logs of which are enclosed showed a heavy pyrite overlay under the shale and traces of zinc sulfide in the lower beds.

Due to the geological formation of this area and a similarity of this formation to the Pitcher field it is believed that the area proposed has very good possibilities as a potential major ore field.

Texhoma corporation, however, temporarily abandoned its operations due to lack of money.

(b) This area is on the east west trend line of the major lead and zinc areas of the United States. The known western tip of this area is at Pitcher, Oklahoma, a distance of approximately 50 air miles. We believe proposed drilling has a good chance of uncovering another major ore producing area .

(c) Reports attached.

17. Not applicable.

18. Not applicable

19. No further comment.

20. Lead and Zinc.

21. Applicant proposes to drill approximately 40 prospect drill holes to a depth of approximately 450 feet on the lease presently held by the applicant. We estimate 20 months for the completion of the project.

22. See 16. Drill logs and other geological data attached.

23. (a) Labor
1 Driller $16.00 per day
1 Tool Dresser $12.00 per day
(b) Supervisors
1 Engineer $25.00 per day
1 Drilling Superintendent $20.00 per day
(c) none
(d) moving of rig at $25. per move, 40 moves approximately $1,000.00

TEXHOMA MINING CORPORATION
1422 Preston Ave.
Austin, Texas

(e) 1 Jumbo -C rig $8,000.00

1 2 ton truck 3,000.00

1 pick up truck 1,500.00

(f) none

(g) none

(h) oil and gas $30.00 per day. Water transport $10.00 per day. Spare parts and replacements etc. $8.00.

(i) See (h)

24. Should complete approximately 2 holes per month, or a total of 20 months and a total of $77,900.00.

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

EAGLE-PICHER MINING & SMELTING CO.

DATE [illegible]

TITLE: [illegible]

PROJECT NO. [illegible]

DESCRIPTION: [illegible] of Section 28 [illegible] Tract C

BY [illegible]

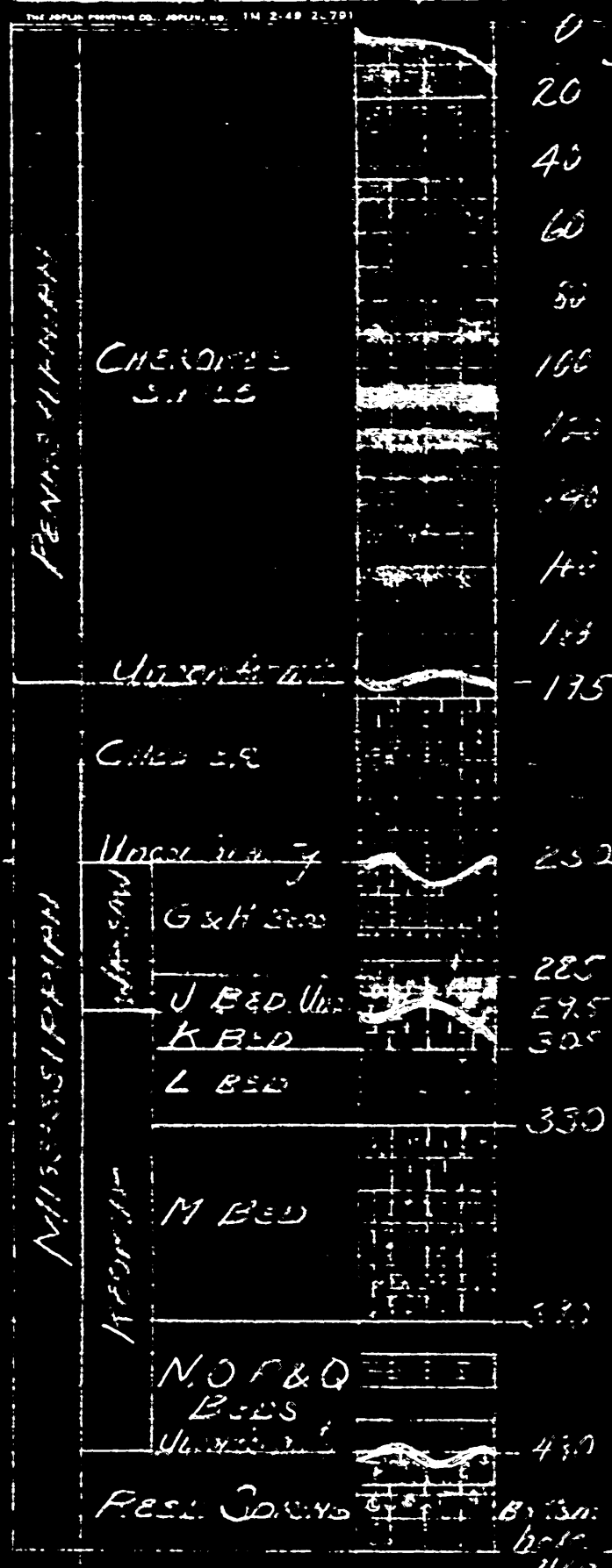
APPROVED [illegible]

OKLAHOMA FEB 6 - MAR 8, 1950 ~ [illegible] VAUGHN

SHEET NO. [illegible] OF [illegible]

OF BUSSES [illegible] & DRILLSE for [illegible] MINING [illegible]

[illegible]



[illegible]

EAGLE-PICHER MINING & SMELTING CO.

DATE 16 APRIL 1950

TITLE: FORMATIONS CUT by WAYNE TRUNDLE #1

PROJECT NO.

DESCRIPTION: Center of SE 40 SECTION 33 T 24N R 19E CRAIG Co. OKLAHOMA

BY V. Ten Kate

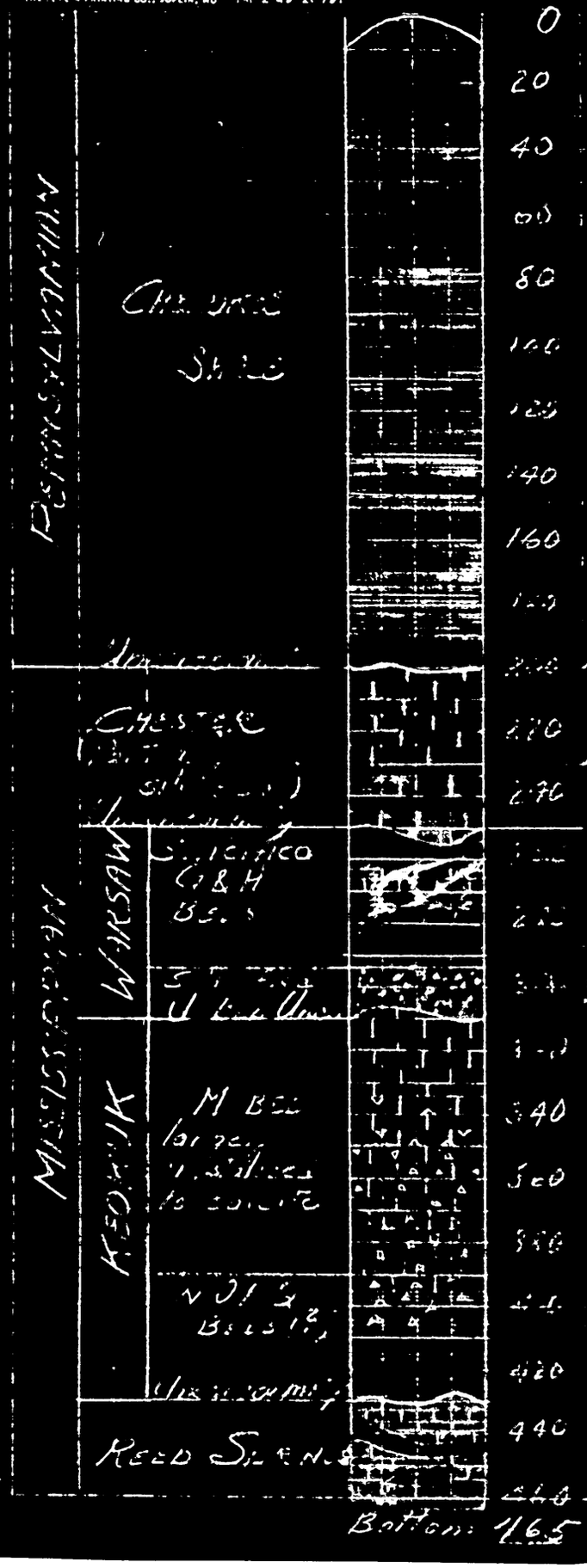
APPROVED

BEGAN MAR 10 FINISHED MAR 14. 1950 EARL VAUGHT

SHEET NO. OF

THE LOW PRINTING CO., JOPLIN, MO. IM 2 49 20 791

O.T BUSBEE
OWNER & OPERATOR for
TEXHOMA MINING CORP



Dark shale

Sandstone bands

Gray
Broken limestone
[illegible]

[illegible]

[illegible]

[illegible] & [illegible]
[illegible] 30 to 50 [illegible]
[illegible]

Brown [illegible] gray [illegible]
bottom some green [illegible]
[illegible] black jasperoid band
[illegible] 70 brn lm 30
light gray [illegible] spots blnd
gray [illegible] & [illegible]
[illegible] & chert & [illegible]
light [illegible] gray limestone & chert

" " " " fine [illegible]
[illegible] fine [illegible] lime
crystalline [illegible] & [illegible]

" "

" "

some [illegible]
" some dark chert
60% " [illegible] gray chert
some black jasperoid
light [illegible] limestone 40% fine chert
" " 40% " "
" " 15%

MINING LEASE

THIS AGREEMENT, Made and entered into this 9th day of Feb., 1950, by and between C.L. Pitts & Daisy Pitts, husband & wife.

hereinafter referred to as Lessors, and F. W. Roberson and O. I. Carlisle, a partnership doing business as Roberson-Carlisle, hereinafter referred to as Lessee, WITNESSETH: That,

All the covenants and obligations hereof to be kept and performed on the part of Lessors shall be deemed to be both joint and several as to such Lessors, except that any notices or demands to be made by Lessors shall be signed by all of said Lessors.

Lessors, in consideration of the sum of One Dollar ($1.00) to them in hand paid, the receipt of which is hereby acknowledged, and the covenants and agreements to be kept and performed by Lessee, its sublessees, successors or assigns, the sufficiency of which to support each and every covenant, right and privilege herein granted is hereby acknowledged, and the royalties to be paid Lessors, all as hereinafter set forth, have and by those presents do demise, lease and let to said Lessee, its successors and assigns, for the purpose of searching and prospecting for and mining lead and zinc ores and all other valuable minerals and metals, excepting coal, oil, and gas, the following described real estate, to wit:

NW/4 of NE/4; W/2 of NE/4 of NE/4; & NE/4 of NE/4 of NE/4 all in Sec. 32, Township 24 N Range 19 E, Craig County, Okla.

SE/4 of NE/4 & NE/4 SW/4 of NE/4 of Sec. 32, & SW/4 of NW/4 of Sec. 33 in Township 24 North Range 19 E

for the purposes hereof considered and treated as one parcel, for the term of Ten (10) years from and after the date hereof, together with the option if this lease is in force and effect on such expiration date of an extension or renewal for a like period of time thereafter; all upon the following terms and conditions, to-wit:

It is understood that lessee herein has acquired and intends to and is attempting to acquire other leases substantially similar to this, upon other lands within a local area comprising Sections 19, 20, 21, 28, 29, 30, 31, 32, and 33, in Township 24 North, Range 19 East, all in Craig County, Oklahoma, and that this lease shall be deemed one of a series of community leases within said area, (but the validity of this lease is not contingent upon and shall not depend upon the acquiring of additional leases), and that, anything herein stated or any legal conclusion based thereon to the contrary notwithstanding, it is specifically agreed that entry by lessee or those with authority in its behalf upon any one or more of such leases lessee may obtain in said area, on or before June 1, 1950 and continuous drilling thereafter, without regard to which particular lease or leases on which drill rigs may be operating, shall be deemed sufficient compliance with the terms hereof concerning prospecting requirements, for a period of two (2) years from and after June 1, 1950. It is specifically agreed that this agreement does not obligate the lessee to go upon any particular tract of land included in the group of leases, or having once entered upon any particular tract of the lands here leased, to thereafter continue drilling thereon during such two year period, but lessee may transfer its drilling operations from time to time to any of the leases, as it may see fit, and that drilling so conducted shall hold all of the rights herein granted valid during the two year period.

1. Subject to the provisions of the paragraph next preceding, lessee agrees to enter upon said lands leased hereby within two (2) years from the date of June 1, 1950 and commence prospect drilling or mining operations, including such installation of such pumps as may be found necessary to handle the water that may be encountered, and thereafter conduct either prospecting or mining operations at least nine (9) months out of each year under the terms hereof, which operations shall not be suspended for more than thirty (30) days at any one time during the nine-months working period without written permission of lessors: provided, however, that lessee may pay to lessors the sum of Twenty-five Dollars ($25.00) on or before the tenth of each calendar month in lieu of the foregoing provisions requiring prospecting or mining on the property described herein, and such payments shall be considered as advance royalty and be deducted from the

royalty payments hereafter specified herein as and when mining production is actually begun on said property; and provided, further, that Lessee shall not be required to conduct pumping, prospecting or mining operations on said lands during such times as the market price of Spelter shall be below six cents (6 ¢) per pound on the East St. Louis, Illinois metal market, cessation of work for this reason in no event to exceed a period of two years at any one time.

2. Lessee shall furnish the Lessors a complete log of each and every hole drilled on said lands, and where cuttings from drill holes are assayed, a copy of the assay, and at reasonable times upon request from Lessors, but not oftener than twice in any one year, a map showing definite location of each hole. Upon the completion of each hole, unless same is desired by Lessee to be kept open in connection with contemplated mining operations, Lessee shall pay to Lessors the sum of Twenty Five ($ 25.00) as compensation to Lessors for plugging or filling such hole, which payment shall be also in consideration of releasing Lessee from further liability or obligation in connection with the existence or condition of said hole, unless same shall thereafter be reopened by Lessee.

3. Lessee shall mine said lands in a good, thorough and workmanlike manner; shall keep all shafts cribbed and drifts timbered or otherwise supported where in the judgment of Lessee same shall appear to be necessary, and shall not remove such timbers or supports without written permission of Lessors, but shall not be liable for damages in event of caving of said lands, or any portion thereof, by reason of failure of timbers placed or pillars left to support same. Lessee shall also have the right to occupy and use so much of said lands as in its judgment may be needed to properly conduct prospecting or mining operations hereunder, which shall include the right to erect on said land all necessary buildings and structures, machinery, and equipment, for the purpose of mining, crushing, cleaning and milling and preparing for market the mineral or metal products found, to build ponds for the storage or settling of water pumped or used in connection with said operations, to store on said lands tailings or other waste products resulting from mining operations hereunder, with the right to construct trams, roads and railroads over and across said lands for the purpose of carrying on said operation or as means of ingress and egress. Lessee shall have the right to remove any of said buildings, structures, machinery, or equipment, at any time during the term hereof, or within One (1) year after the expiration hereof and without any rental for the use of such premises therefor. The possession of said lands for all purposes not consistent with and which do not interfere with prospecting, or mining hereunder, and all surplus water not used for mining operations are reserved to Lessors.

4. It is agreed that Lessee shall have the privilege of raising ores mined from adjoining or neighboring lands through shafts on this land or to raise ores from this land through shafts located on adjoining or neighboring lands. In either event Lessee shall exercise extreme care to prevent a commingling of ores from this land with ores from other lands before such ores reach the mill where they are to be milled. In the event that Lessee desires to raise ores mined from adjoining or neighboring lands through shafts located on this land and Lessee is not at the same time mining ores on this land, it shall pay to Lessors the sum of Fifty Dollars ($50.00) per month for such use of Lessors' land.

5. Ores and minerals mined from this land may be cleaned and prepared for market thereon in an independent operation, or at a central concentrating plant located on this or other lands within the Tri-State Area, separately or in connection with other ores, as Lessee may elect, and if cleaned at such a central concentrating plant shall be weighed, assayed, treated, handled and the net recoverable lead and zinc concentrates determined, disposed of, accounted for, and royalty due Lessors thereon determined, in accordance with weighing, sampling and concentrating methods recognized in the industry as practical and efficient at the time of receipt at the mill. Complete and permanent records shall be made and kept of said entire transaction, which shall be open to inspection and audit of Lessors or their agent at all reasonable times, and Lessors or their agents may likewise be present and observe said operation at all reasonable and seasonable times. Subject to the payment of royalty hereinafter provided, all lead and zinc concentrates or other recoverable values shall belong to Lessee. Tailings and other waste products resulting from milling on the lands herein described of ores

mined therefrom shall belong to Lessors, subject to Lessee's right to further treat same for recoverable minerals or metal values, during the life of this lease. If ores mined and raised on said lands herein leased are treated and cleaned at a central concentrating plant located on other lands, tailings and other waste products resulting from said ores shall belong to Lessee.

6. Lessee shall on or before the tenth day of each calendar month pay to Lessors as rent or royalty or deposit same in First Natl. Bank at Vinita, Oklahoma, or such other Bank as all of said Lessors may in writing hereafter designate, (such Bank, or Banks, being hereby designated and constituted as Agent of Lessors to receive such payments, and deposit in such Bank to be deemed and considered payment to Lessors), five (5%) per cent of the market value of the recoverable lead and zinc concentrates contained in the ores mined and milled and sold on the premises, or taken therefrom for milling, during the preceding calendar month, with a statement showing the amount, quality, kind and weight, and the value thereof. "Concentrates" is hereby defined to mean the salable zinc or lead or both minerals as recoverable at the mill or concentrating plant where treated, including in addition to lead or zinc metal any and all other metals, or elements contained in such concentrates, whether or not such metals or elements are by presently known or by future discovered methods of recovery rendered valuable. "Market Value" is hereby defined for the purposes hereof to be, (a) the value of concentrates resulting from ores mined from lands herein leased and milled in an independent operation on the premises as based upon the market price established in the Tri-State District of Kansas, Oklahoma and Missouri for concentrates of a similar grade and kind and prevailing at the time said concentrates are disposed of; or, (b) the value of the recoverable concentrates, as shown by assay, contained in the ores taken to a central mill, based upon the market price prevailing in the Tri-State District for similar concentrates at the time said ores are delivered to the Mill for treatment. Lessors shall have no interest in any bonus or premium paid to Lessee by the United States Government or any agency thereof on the ores and minerals produced from the premises nor shall any royalty be paid on said bonus or premium. The same rate of royalty shall be paid in the same manner on all iron concentrates recovered and marketed separately by Lessee from the ores mined from said premises hereunder.

7. As an additional consideration lessee agrees to pay lessor, their heirs and assigns, as a mineral revenue bonus the additional sum of $ 100.00 - per acre out of two (2%) per cent of the revenue from the first minerals mined and marketed from the leased premises, if, as and when mined and marketed from said property under the terms of this lease and in no other way. The obligation to pay additional consideration described above shall follow the ownership of the interest herein conveyed and be dependent upon such ownership; and each successive owner shall pay and be responsible only for the payments due on account of minerals mined and marketed from the leased premises by such owner.

8. During the prospecting period as herein provided for, Lessee shall keep all gates on the premises closed and shall pay Lessors for actual damage to growing crops caused by prospecting operations hereunder. In the event that mining operations are commenced on said premises Lessee agrees upon written request from Lessors to construct cattle guards in place of gates used by Lessee in entering or leaving said property. It is further agreed that Lessee will not sink any shaft or erect any mill within three hundred feet (300') of any dwelling located on the premised herein described without the written consent of Lessors.

9. Lessors agree to pay their proportionate part of the taxes assessed or levied by the State in which said lands are located, or any subdivision thereof, or by the Federal Government, against ores or minerals produced from said lands.

10. Lessors hereby warrant and agree to defend the title to the lands leased herein, and Lessee is hereby given and shall at all times during the life hereof have the right, but is not obliged to pay taxes, mortgages or other liens which may be due and payable in the event of default of payment by Lessors, in which event Lessee shall be subrogated to all the rights of the holder thereof.

11. In case of failure of Lessee to keep and perform the terms and obliga-

tions of this lease, Lessors may give thirty (30) days' written notice of the breach or violation complained of, and if such violation or default is not removed or corrected in said period, provided the same can be remedied within that time, this lease shall thereupon terminate at the option of Lessors, which shall be evidenced by notice in writing to Lessee, and which remedy shall be exclusive, provided, however, that no forfeiture shall be asserted or based on cessations or delays in operations hereunder when occasioned by fire, riot or civil commotion, strikes, or other labor controversies, operations of Law or interference of Government Agencies, acts of nature, or other causes beyond the control of Lessee at the time of occurrence whether or not same could have been foreseen or prevented. Notices in this paragraph provided shall be given by mailing same to Lessee by registered mail and the time of the notice shall start to run from date of delivery.

12. Lessee may at any time and is hereby given permission to surrender this lease by executing and tendering to Lessors a written release hereof, and from and after such tender shall be released and relieved from all further obligations or liability hereunder except to account for and pay royalties accrued during the life hereof. Tender of such release may be made by delivering same to any Lessor in person or by depositing the same with any official or employee of the Bank at such time acting as Agent for Lessors to receive payment or royalties hereunder; or by recording in the office of the Recorder of Deeds of the County in which said lands are located, of such release, and paying the recording fee. Upon termination of this lease from any cause, upon request Lessee will furnish Lessors with a copy of the most recent map in the possession of Lessee showing the underground workings.

13. This Lease shall run to and be binding upon each of the parties hereto, their heirs, legatees, legal representatives, successors, sublessees or assigns, respectively.

In Witness Thereof, the Lessors have hereunto set their hands and seals, and the Lessee has caused its name to be subscribed by its proper officer, the day and year first hereinabove set out.

C. L. Pitts

Daisy Pitts

LESSORS

ROBERSON - CARLISLE

By F. M. Roberson Jr.

LESSEE

STATE OF OKLAHOMA }
COUNTY OF Craig } ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1951, personally appeared C. L. Pitts & Daisy Pitts, husband & wife to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:

Feb. 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

STATE OF OKLAHOMA }
COUNTY OF Craig } ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1951, personally appeared E. V. Roberson & wife to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:

Feb. 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

TEXHOMA MINING CORPORATION

BALANCE SHEET

AS OF JANUARY 1, 1951

ASSETS			
Cash			210 82
Leases (No Stated Value)			
			210 82
LIABILITIES			
Common Stock		2500 00	
(2500 Shares @ $ 1.00 Per Share)			
Surplus			
Paid In Surplus	285 49		
Earned Surplus	2574 67		
		2289 18	
			210 82

TEXHOMA MINING CORPORATION

STATEMENT OF PROFIT AND LOSS

FOR THE YEAR ENDING DEC. 31, 1950

Income	-0-	
Expenses		
Cost of Prospect Drilling	1951	00
Legal Expenses	148	00
Travel Expenses	389	85
Telephone Expenses	63	82
Taxes	22	00
	2574	67

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 - 1510 X

Date received 6/4/51

Participation

TEXHOMA MINING CORPORATION
1422 Preston Ave.
Austin, Texas

Name and address of applicant

Date May 23, 1951

FILL IN THIS BLOCK

Date of application May 23, 1951

Estimated cost $75,900.00

Mineral or metal lead and zinc

Percentage of Government participation 50%

Location of mine 3 miles west of Big Cabin, Oklahoma

Date of filing MF-100 not applicable

DMA Docket Number, if available not applicable

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

JUN 7 1951

5

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.

TEXHOMA MINING CORPORATION
(Name of company)

By _____
(Signature of authorized official)
Fred W. Roberson, Jr.

May 23, 1951
(Date)

President
(Title)

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

*Same as footnote on page 1.

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

APPLICATION FOR AID FOR AN EXPLORATION PROJECT PURSUANT TO MINERAL ORDER 5

UNDER DEFENSE PRODUCTION ACT OF 1950

FORM MF-103 Budget Bureau No. 42- R 1035

In answer to questions therein stated

1. Corporation. Name Texhoma. Incorporated under laws of Texas account # 60060.
2. Not applicable.
3. Frederick W. Roberson, Jr. President 3206 B Tom Green St. Austin, Texas

G.I. Carlisle	Vice President	1108 Elm St.	Austin, Texas
Barbara D. Ruud	Secretary	1422 Preston Ave.	Austin, Texas
Frank Owen III	Treasurer	406 W. 30 St.	Austin, Texas

Directors same as officers.

Five largest stockholders:

Frederick W. Roberson Jr.	3206 B Tom Green St.	Austin, Texas
G.I. Carlisle	1108 Elm St.	Austin, Texas
Frank Owen III	406 W. 30th St.	Austin, Texas
George Reynolds	505 Duke St.	Alexandria, Va.
W. Randle Eldgridge	2300 Bowman Ave.	Austin, Texas

4. (a) Corporation has been engaged in exploration for lead and zinc for a period of approximately 1½ years and during that time has leased property in northeastern Oklahoma and done prospect drilling through a contract driller during this time.

(b) Frederick W. Roberson, Jr. and G.I. Carlisle have been engaged in leasing land and exploring same through prospect drilling and other methods for approximately 3 years. Frederick W. Roberson Jr. is a graduate of the law school of the University of Texas and is presently engaged in the oil business as an independent oil operator. G.I. Carlisle has had 5 years experience general contracting in Texas.

The corporation's mining engineer Thomas C. King of Baxter Springs, Kansas has been engaged in mining of gold, quick silver, lead and zinc ores for approximately 12 years. 5 years of this period was spent with the Eagle Pitcher Mining and Smelting Co. at Pitcher, Oklahoma where until recently Mr. King was head mineralogist of their central mill. Mr. King is presently associated with a mining partnership which is doing prospect drilling for lead and zinc ores in the vicinity of Joplin, Missouri.

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

4. Lessee
5. Not applicable
6. Not applicable
7. Lease in good standing. Attached copy.

8. See attached copy of financial statement.

9. Total assets of the corporation. Our share of expenses will consist mainly of labor and rental of equipment. This will be 50% of the cost of the project.

10. (a) NW/4 of NE/4; W/2 of NW/4 of NE/4; and NW/4 of NE/4 of NW/4 all in Sec 32, Township 24 N, Range 19 EI, Craig County, Oklahoma. SW/4 of NW/4 and NW/4 SW/4 of NW/4 of Section 32 and SW/4 of NW/4 of Section 33 in Township 24 North Range 19 EI. No existing mine on property.

(b) same as above

11. C.L. Pitt's farm, Big Cabin, Oklahoma

12. 3 miles west of Big Cabin, Oklahoma where the Frisco Railroad and highway U.S. 79 are located. Gravel county roads in good condition and passable at all times connect the proposed drilling site with U.S. highway 79 at Big Cabin, Oklahoma.

13. Creek water available and well water available at all seasons, both in sufficient quantity for drilling and mining operations.

Electric Power not applicable.

14. None

15. By truck or rail to Eagle Picher Mining & Smelting Co., Central Mill at Pitcher, Oklahoma which is approximately 60 miles from site of proposed drilling.

16. (a) Free galena has been found from time to time in the creek bed of the creek which runs near the property to be drilled. After thefinding of this free galena Thomas C. King was consulted as to his opinion of the probable source. After checking the available geologic data on the Big Cabin area Mr. King decided that this galena might have come from a larger deposit which had been uncovered by the creek during high water. From information gathered from persons who have drilled shallow oil wells in this area it was learned that the area was heavily mineralized with pyrite and the decision to see whether or not this mineralization would

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

include lead and zinc. In February and March of 1950 two prospect holes were drilled in this area, one to a depth of 460 feet and the other to a depth of 465 feet. These prospect drill holes , the logs of which are enclosed showed a heavy pyrite overlay under the shale and traces of zinc sulfide in the lower beds.

Due to the geological formation of this area and a similarity of this formation to the Pitcher field it is believed that the area proposed has very good possibilities as a potential major ore field.

Texhoma corporation, however, temporarily abandoned its operations due to lack of money.

(b) This area is on the east west trend line of the major lead and zinc areas of the United States. The known western tip of this area is at Pitcher, Oklahoma, a distance of approximately 50 air miles. We believe proposed drilling has a good chance of uncovering another major ore producing area .

(c) Reports attached.

17. Not applicable.

18. Not applicable

19. No further comment.

20. Lead and Zinc.

21. Applicant proposes to drill approximately 40 prospect drill holes to a depth of approximately 450 feet on the lease presently held by the applicant. We estimate 20 months for the completion of the project.

22. See 16. Drill logs and other geological data attached.

23. (a) Labor
1 Driller $16.00 per day

1 Tool Dresser $12.00 per day

(b) Supervisors

1 Engineer $25.00 per day

1 Drilling Superintendent $20.00 per day

(c) none

(d) moving of rig at $25. per move, 40 moves approximately $1,000.00

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

(e) 1 Jumbo -C rig $8,000.00

1 2 ton truck 3,000.00

1 pick up truck 1,500.00

(f) none

(g) none

(h) oil and gas $10.00 per day. Water transport $10.00 per day. Spare parts and replacements etc. $8.00.

(i) See (h)

24. Should complete approximately 2 holes per month, or a total of 20 months and a total of $78,000.00.

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

EAGLE-PICHER MINING & SMELTING CO.

DATE [illegible]

TITLE: Formations cut by F.S. #1 [illegible]

PROJECT NO.

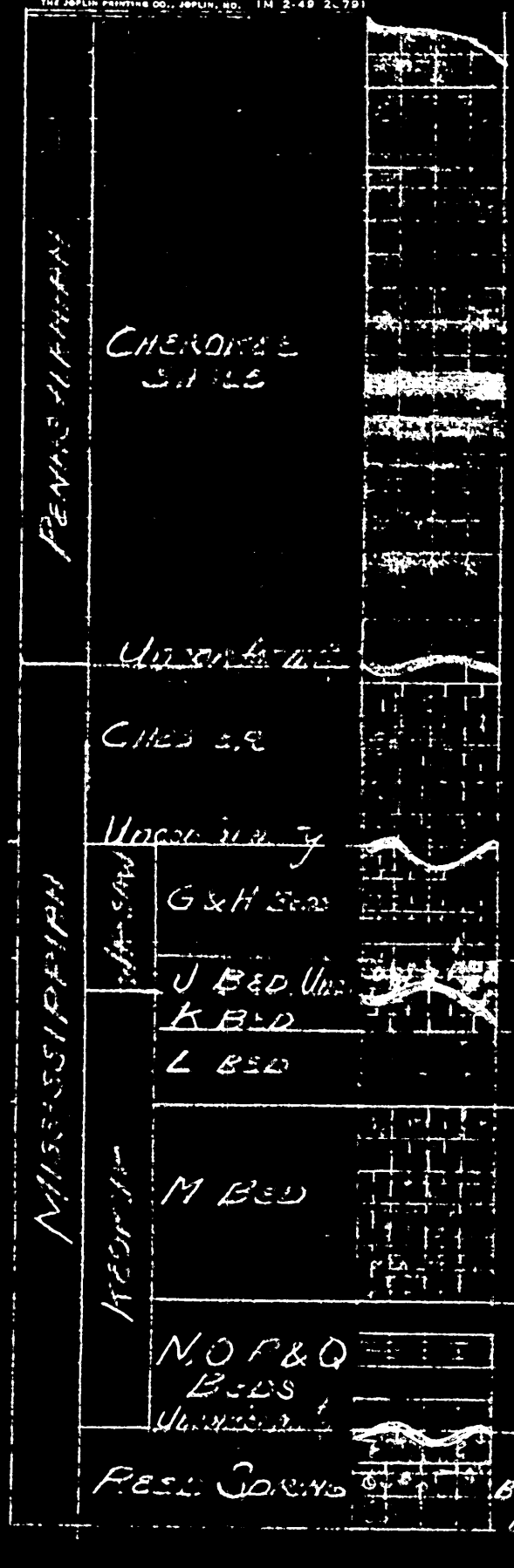
DESCRIPTION: Center of S line [illegible] of Section 28 T 24 N R 19 E Cais C[illegible] Oklahoma Feb 6 - Mar 8, 1950 ~ Earl Vaughn of Bisbee Tenn & Dr. Lee for — Tenmile Mining Co —

BY [illegible]

APPROVED

SHEET NO. OF

THE JOPLIN PRINTING CO., JOPLIN, MO. 1M 2-49 2-791



SHALE

Dark shale

Light brown & [illegible] limestone [illegible] Few specks lead (Pb) [illegible] oil bearing sand

Thin bedded tan [illegible] & limestone [illegible]

Dark blue gray [illegible] & dark brown limestone [illegible] (Marble Bed)

Light blue [illegible] gray limestone

Light [illegible] gray [illegible] (Pb) [illegible] Sphalerite (ZnS) [illegible] Light [illegible] limestone [illegible] (Pb) [illegible]

EAGLE-PICHER MINING & SMELTING CO.

DATE 16 APRIL 1950

TITLE: FORMATIONS CUT by WAYNE TRUNDLE #1

PROJECT NO.

DESCRIPTION: Center of SE 40 SECTION 33 T 24N R 19E CRAIG Co. OKLAHOMA

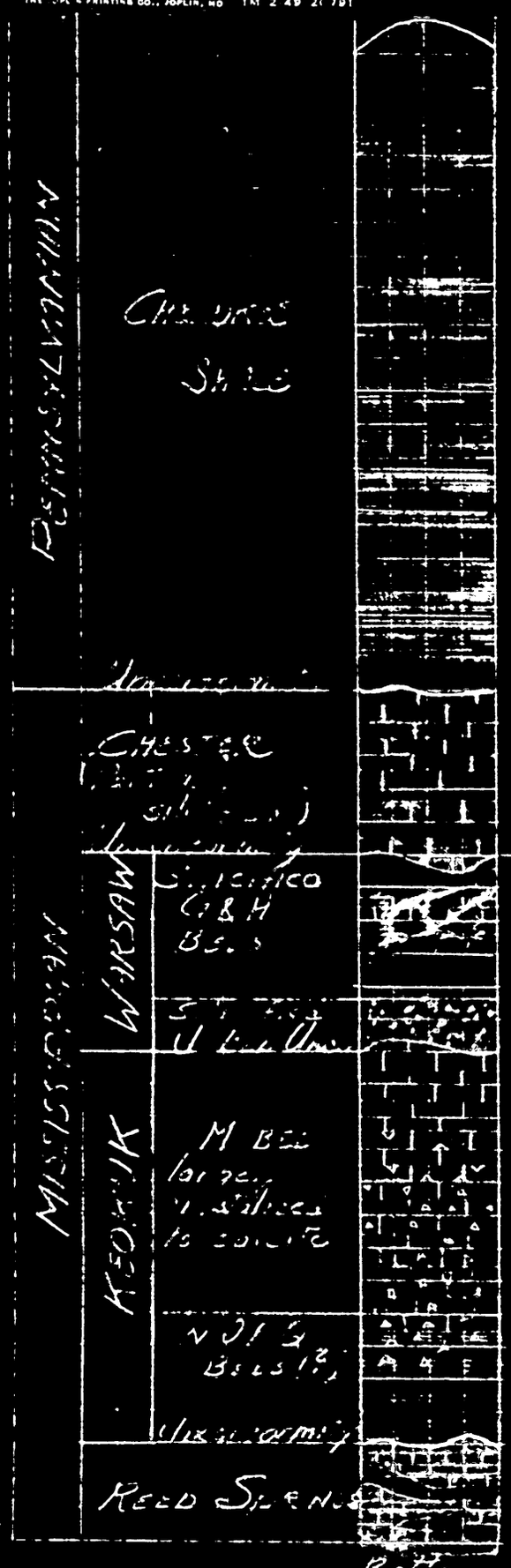
BEGAN MAR 10 FINISHED MAR 24. 1950

BY: V. E. M. King

APPROVED

SHEET NO. OF

EARL VAUGHT
O.T. BUSBEE
OWNER & OPERATOR for
TEXHOMA MINING CORP



Dark shale

Sandstone bands

Gray
Medium limestone
[illegible]
[illegible] 10%
[illegible]
[illegible]

[illegible] + light gray
chert 30 20 interbedded with
[illegible] bed (2nd)
Brown limestone + grey shale
bottom some green & [illegible]
[illegible] of brown jasperoid bed.
[illegible] 70 brn lm 30
light gray [illegible] spots bed
[illegible] + [illegible]
[illegible] & [illegible] chert + [illegible]
light [illegible] gray limestone & chert

" " " " [illegible] white
[illegible] [illegible] lime
crystalline [illegible] 2 [illegible]

"

"

some gray chert
" some dark chert
60% " [illegible] gray chert
some black jasperoid
light [illegible] limestone 10% dark chert
" " 40% " "
" " 15% " "

MINING LEASE

THIS AGREEMENT, Made and entered into this 9th day of Feb., 1950, by and between C. L. Pitts - Daisy Pitts - hus. & wife

hereinafter referred to as Lessors, and F. W. Roberson and G. I. Carlisle, a partnership doing business as Roberson-Carlisle, hereinafter referred to as Lessee, WITNESSETH: That,

All the covenants and obligations hereof to be kept and performed on the part of Lessors shall be deemed to be both joint and several as to such Lessors, except that any notices or demands to be made by Lessors shall be signed by all of said Lessors.

Lessors, in consideration of the sum of One Dollar ($1.00) to them in hand paid, the receipt of which is hereby acknowledged, and the covenants and agreements to be kept and performed by Lessee, its sublessees, successors or assigns, the sufficiency of which to support each and every covenant, right and privilege herein granted is hereby acknowledged, and the royalties to be paid Lessors, all as hereinafter set forth, have and by these presents do demise, lease and let to said Lessee, its successors and assigns, for the purpose of searching and prospecting for and mining lead and zinc ores and all other valuable minerals and metals, excepting coal, oil, and gas, the following described real estate, to:wit:

NW/4 of NE/4; W/2 of NE/4 of NE/4; & NE/4 of NE/4 of NE/4 all in Sec. 32, Township 24 N, Range 19 E, Craig County, Oklahoma. SE/4 of NE/4 & NE/4 SW/4 of NE/4 of Sec. 32 & SW/4 of NW/4 of Sec. 33 in Township 24 North Range 19 E.

for the purposes hereof considered and treated as one parcel, for the term of Ten (10) years from and after the date hereof, together with the option if this lease is in force and effect on such expiration date of an extension or renewal for a like period of time thereafter; all upon the following terms and conditions, to-wit:

It is understood that Lessee herein has acquired and intends to and is attempting to acquire other leases substantially similar to this, upon other lands within a local area comprising Sections 19, 20, 21, 28, 29, 30, 31, 32 and 33, in Township 24 North, Range 19 East, all in Craig County, Oklahoma, and that this lease shall be deemed one of a series of community leases within said area, (but the validity of this lease is not contingent upon and shall not depend upon the acquiring of additional leases), and that, anything herein stated or any legal conclusion based thereon to the contrary notwithstanding, it is specifically agreed that entry by Lessee or those with authority in its behalf upon any one or more of such leases Lessee may obtain in said area, on or before June 1, 1950 and continuous drilling thereafter, without regard to which particular lease or leases on which drill rigs may be operating, shall be deemed sufficient compliance with the terms hereof concerning prospecting requirements, for a period of two (2) years from and after June 1, 1950. It is specifically agreed that this agreement does not obligate the Lessee to go upon any particular tract of land included in the group of leases, or having once entered upon any particular tract of the lands here leased, to thereafter continue drilling thereon during such two year period, but Lessee may transfer its drilling operations from time to time to any of the leases, as it may see fit, and that drilling so conducted shall hold all of the rights herein granted valid during the two year period.

1. Subject to the provisions of the paragraph next preceding, Lessee agrees to enter upon said lands leased hereby within two (2) years from the date of June 1, 1950 and commence prospect drilling or mining operations, including such installation of such pumps as may be found necessary to handle the water that may be encountered, and thereafter conduct either prospecting or mining operations at least nine (9) months out of each year under the terms hereof, which operations shall not be suspended for more than thirty (30) days at any one time during the nine-months working period without written permission of Lessors: provided, however, that Lessee may pay to Lessors the sum of Twenty-five Dollars ($25.00) on or before the tenth of each calendar month in lieu of the foregoing provisions requiring prospecting or mining on the property described herein, and such payments shall be considered as advance royalty and be deducted from the

royalty payments hereafter specified herein as and when mining production is actually begun on said property; and provided, further, that Lessee shall not be required to conduct pumping, prospecting or mining operations on said lands during such times as the market price of Spelter shall be below six cents (6¢) per pound on the East St. Louis, Illinois metal market, cessation of work for this reason in no event to exceed a period of two years at any one time.

2. Lessee shall furnish to Lessors a complete log of each and every hole drilled on said lands, and where cuttings from drill holes are assayed, a copy of the assay, and at reasonable times upon request from Lessors, but not oftener than twice in any one year, a map showing definite location of each hole. Upon the completion of each hole, unless same is desired by Lessee to be kept open in connection with contemplated mining operations, Lessee shall pay to Lessors the sum of Twenty Five ($25.00) as compensation to Lessors for plugging or filling such hole, which payment shall be also in consideration of releasing Lessee from further liability or obligation in connection with the existence or condition of said hole, unless same shall thereafter be reopened by Lessee.

3. Lessee shall mine said lands in a good, thorough and workmanlike manner; shall keep all shafts cribbed and drifts timbered or otherwise supported where in the judgment of Lessee same shall appear to be necessary, and shall not remove such timbers or supports without written permission of Lessors, but shall not be liable for damages in event of caving of said lands, or any portion thereof, by reason of failure of timbers placed or pillars left to support same. Lessee shall also have the right to occupy and use so much of said lands as in its judgment may be needed to properly conduct prospecting or mining operations hereunder, which shall include the right to erect on said land all necessary buildings and structures, machinery, and equipment, for the purpose of mining, crushing, cleaning and milling and preparing for market the mineral or metal products found, to build ponds for the storage or settling of water pumped or used in connection with said operations, to store on said lands tailings or other waste products resulting from mining operations hereunder, with the right to construct trams, roads and railroads over and across said lands for the purpose of carrying on said operation or as means of ingress and egress. Lessee shall have the right to remove any of said buildings, structures, machinery, or equipment, at any time during the term hereof, or within One (1) year after the expiration hereof and without any rental for the use of such premises therefor. The possession of said lands for all purposes not consistent with and which do not interfere with prospecting, or mining hereunder, and all surplus water not used for mining operations are reserved to Lessors.

4. It is agreed that Lessee shall have the privilege of raising ores mined from adjoining or neighboring lands through shafts on this land or to raise ores from this land through shafts located on adjoining or neighboring lands. In either event Lessee shall exercise extreme care to prevent a commingling of ores from this land with ores from other lands before such ores reach the mill where they are to be milled. In the event that Lessee desires to raise ores mined from adjoining or neighboring lands through shafts located on this land and Lessee is not at the same time mining ores on this land, it shall pay to Lessors the sum of Fifty Dollars ($50.00) per month for such use of Lessors' land.

5. Ores and minerals mined from this land may be cleaned and prepared for market thereon in an independent operation, or at a central concentrating plant located on this or other lands within the Tri-State Area, separately or in connection with other ores, as Lessee may elect, and if cleaned at such a central concentrating plant shall be weighed, assayed, treated, handled and the net recoverable lead and zinc concentrates determined, disposed of, accounted for, and royalty due Lessors thereon determined, in accordance with weighing, sampling and concentrating methods recognized in the industry as practical and efficient at the time of receipt at the mill. Complete and permanent records shall be made and kept of said entire transaction, which shall be open to inspection and audit of Lessors or their agent at all reasonable times, and Lessors or their agents may likewise be present and observe said operation at all reasonable and seasonable times. Subject to the payment of royalty hereinafter provided, all lead and zinc concentrates or other recoverable values shall belong to Lessee. Tailings and other waste products resulting from milling on the lands herein described of ores

mined therefrom shall belong to Lessors, subject to Lessee's right to further treat same for recoverable minerals or metal values, during the life of this lease. If ores mined and raised on said lands herein leased are treated and cleaned at a central concentrating plant located on other lands, tailings and other waste products resulting from said ores shall belong to Lessee.

6. Lessee shall on or before the tenth day of each calendar month pay to Lessors as rent or royalty or deposit same in First Natl Bank at Vinita, Oklahoma, or such other Bank as all of said Lessors may in writing hereafter designate, (such Bank, or Banks, being hereby designated and constituted as Agent of Lessors to receive such payments, and deposit in such Bank to be deemed and considered payment to Lessors), five (5%) per cent of the market value of the recoverable lead and zinc concentrates contained in the ores mined and milled and sold on the premises, or taken therefrom for milling, during the preceding calendar month, with a statement showing the amount, quality, kind and weight, and the value thereof. "Concentrates" is hereby defined to mean the salable zinc or lead or both minerals as recoverable at the mill or concentrating plant where treated, including in addition to lead or zinc metal any and all other metals, or elements contained in such concentrates, whether or not such metals or elements are by presently known or by future discovered methods of recovery rendered valuable. "Market Value" is hereby defined for the purposes hereof to be, (a) the value of concentrates resulting from ores mined from lands herein leased and milled in an independent operation on the premises as based upon the market price established in the Tri-State District of Kansas, Oklahoma and Missouri for concentrates of a similar grade and kind and prevailing at the time said concentrates are disposed of; or, (b) the value of the recoverable concentrates, as shown by assay, contained in the ores taken to a central mill, based upon the market price prevailing in the Tri-State District for similar concentrates at the time said ores are delivered to the Mill for treatment. Lessors shall have no interest in any bonus or premium paid to Lessee by the United States Government or any agency thereof on the ores and minerals produced from the premises nor shall any royalty be paid on said bonus or premium. The same rate of royalty shall be paid in the same manner on all iron concentrates recovered and marketed separately by Lessee from the ores mined from said premises hereunder.

7. As an additional consideration lessee agrees to pay lessor, their heirs and assigns, as a mineral revenue bonus the additional sum of $ 100.00 per acre out of two (2%) per cent of the revenue from the first minerals mined and marketed from the leased premises, if, as and when mined and marketed from said property under the terms of this lease and in no other way. The obligation to pay additional consideration described above shall follow the ownership of the interest herein conveyed and be dependent upon such ownership; and each successive owner shall pay and be responsible only for payments due on account of minerals mined and marketed from the leased premises by such owner.

8. During the prospecting period as herein provided for, Lessee shall keep all gates on the premises closed and shall pay Lessors for actual damage to growing crops caused by prospecting operations hereunder. In the event that mining operations are commenced on said premises Lessee agrees upon written request from Lessors to construct cattle guards in place of gates used by Lessee in entering or leaving said property. It is further agreed that Lessee will not sink any shaft or erect any mill within three hundred feet (300') of any dwelling located on the premises herein described without the written consent of Lessors.

9. Lessors agree to pay their proportionate part of any taxes assessed or levied by the State in which said lands are located, or any subdivision thereof, or by the Federal Government, against ores or minerals produced from said lands.

10. Lessors hereby warrant and agree to defend the title to the lands leased herein, and Lessee is hereby given and shall at all times during the life hereof have the right, but is not obliged, to pay taxes, mortgages or other liens which may be due and payable in the event of default of payment by Lessors, in which event Lessee shall be subrogated to all the rights of the holder thereof.

11. In case of failure of Lessee to keep and perform the terms and obliga-

tions of this lease, Lessors may give thirty (30) days' written notice of the breach or violation complained of, and if such violation or default is not removed or corrected in said period, provided the same can be remedied within that time, this lease shall thereupon terminate at the option of Lessors, which shall be evidenced by notice in writing to Lessee, and which remedy shall be exclusive, provided, however, that no forfeiture shall be asserted or based on cessations or delays in operations hereunder when occasioned by fire, riot or civil commotion, strikes, or other labor controversies, operations of Law or interference of Government Agencies, acts of nature, or other causes beyond the control of Lessee at the time of occurrence whether or not same could have been foreseen or prevented. Notices in this paragraph provided shall be given by mailing same to Lessee by registered mail and the time of the notice shall start to run from date of delivery.

12. Lessee may at any time and is hereby given permission to surrender this lease by executing and tendering to Lessors a written release hereof, and from and after such tender shall be released and relieved from all further obligations or liability hereunder except to account for and pay royalties accrued during the life hereof. Tender of such release may be made by delivering same to any Lessor in person or by depositing the same with any official or employee of the Bank at such time acting as Agent for Lessors to receive payment or royalties hereunder; or by recording in the office of the Recorder of Deeds of the County in which said lands are located, of such release, and paying the recording fee. Upon termination of this lease from any cause, upon request Lessee will furnish Lessors with a copy of the most recent map in the possession of Lessee showing the underground workings.

13. This Lease shall run to and be binding upon each of the parties hereto, their heirs, legatees, legal representatives, successors, sublessees or assigns, respectively.

In Witness Whereof, the Lessors have hereunto set their hands and seals, and the Lessee has caused its name to be subscribed by its proper officers, the day and year first hereinabove set out.

C. L. Pitts

Daisy Pitts

LESSORS

ROBERSON - CARLISLE

By F. W. Roberson Jr.

LESSEE

STATE OF OKLAHOMA)
COUNTY OF Craig)ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1951, personally appeared C. L. Pitts & Daisy Pitts - Husband & wife to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:

Feb. 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

STATE OF OKLAHOMA)
COUNTY OF Craig)ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1951, personally appeared F. W. Roberson Jr. to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:

Feb. 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

TEXHOMA MINING CORPORATION

BALANCE SHEET

AS OF JANUARY 1, 1951

ASSETS			
Cash			210 82
Leases (No Stated Value)			
			210 82
LIABILITIES			
Common Stock		2500 00	
(2500 Shares @ $ 1.00 Per Share)			
Surplus			
Paid In Surplus	285 49		
Earned Surplus	2574 67		
		2289 18	
			210 82

TEXHOMA MINING CORPORATION

STATEMENT OF PROFIT AND LOSS

FOR THE YEAR ENDING DEC. 31, 1950

Income	-0-	
Expenses		
Cost of Prospect Drilling	1951	00
Legal Expenses	148	00
Travel Expenses	389	85
Telephone Expenses	63	82
Taxes	22	00
	2574	67

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-1510X

Date received 6/4/51

Participation

Tecoma Mining Corp.

[redacted]

Name and address of applicant

Date [redacted]

FILL IN THIS BLOCK

Date of application [redacted]

Estimated cost [redacted]

Mineral or metal [redacted]

Percentage of Government participation [redacted]

Location of mine [redacted]

Date of filing MF-100 [redacted]

DMA Docket Number, if available [redacted]

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.

[illegible] (Name of company)

By [illegible] (Signature of authorized official)

[illegible] (Date)

[illegible] (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

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

FORM MP-103 Budget Bureau No. 42- R 1035

In answer to questions therein stated

1. Corporation. Name Texhoma. Incorporated under laws of Texas account # 60000.

2. Not applicable.

3. Frederick W. Roberson, Jr. President 2306 E Tom Green St. Austin, Texas

G.L. Carlisle Vice President 1108 Elm St. Austin, Texas

Barbara D. Rand Secretary 1422 Preston Ave. Austin, Texas

Frank Owen III Treasurer 406 W. 20 St. Austin, Texas

Directors same as officers.

Five largest stockholders:

Frederick W. Roberson Jr.	2306 E Tom Green St.	Austin, Texas
G.L. Carlisle	1108 Elm St.	Austin, Texas
Frank Owen III	406 W. 20th St.	Austin, Texas
George Reynolds	505 Duke St.	Alexandria, Va.
W. Randle Eldgridge	2200 Bowman Ave.	Austin, Texas

4. (a) Corporation has been engaged in exploration for lead and zinc for a period of approximately 1½ years and during that time has leased property in northeastern Oklahoma and done prospect drilling through a contract driller during this time.

(b) Frederick W. Roberson, Jr. and G.L. Carlisle have been engaged in leasing land and exploring same through prospect drilling and other methods for approximately 3 years. Frederick W. Roberson Jr. is a graduate of the law school of the University of Texas and is presently engaged in the oil business as an independent oil operator. G.L. Carlisle has had 5 years experience general contracting in Texas.

The corporation's mining engineer Thomas C. King of Humber Springs, Kansas has been engaged in mining of gold, quick silver, lead and zinc ores for approximately 12 years. 3 years of this period was spent with the Eagle Picher Mining and Smelting Co. at Pitcher, Oklahoma where until recently Mr. King was head mineralogist of their central mill. Mr. King is presently associated with a mining partnership which is doing prospect drilling for lead and zinc ores in the vicinity of Joplin, Missouri.

TEXHOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

6. [illegible] applicable
7. [illegible] applicable
7. [illegible] in good standing. Attached copy.

8. See attached copy of financial statements

9. Total assets of the corporation. Our share of expenses will consist mainly of labor and rental of equipment. This will be 50% of the cost of the projects

10. (a) NW/4 of NW/4; W/2 of NE /4 of NW/4; and NW/4 of NW/4 of NW/4 all in Sec 22, Township 24 N, Range 19 EI, Craig County, Oklahoma. SW/4 of NW/4 and NW/4 SW/4 of NW/4 of Section 22 and SW/4 of N /4 of Section 23 in Township 24 North Range 19 EI. No existing mine on property.

(b) same as above

11. C.L. Pitt's farm, Big Cabin, Oklahoma

12. 3 miles west of Big Cabin, Oklahoma where the Frisco Railroad and highway U.S. 79 are located. Gravel county roads in good condition and passable at all times connect the proposed drilling site with U.S. highway 79 at Big Cabin, Oklahoma.

13. Creek water available and well water available at all seasons, both in sufficient quantity for drilling and mining operations.

Electric Power not applicable.

14. None

15. By truck or rail to Eagle Picher Mining & Smelting Co., Central Mill at Picher, Oklahoma which is approximately 60 miles from site of proposed drilling.

16. (a) Free galena has been found from time to time in the creek bed of the creek which runs near the property to be drilled. After thefinding of this free galena Thomas G. King was consulted as to his opinion of the probable source. After checking the available geologic data on the Big Cabin area Mr. King decided that this galena might have come from a larger deposit which had been uncovered by the creek during high water. From information gathered from persons who have drilled shallow oil wells in this area it was learned that the area was heavily mineralized with pyrite and the decision to see whether or not this mineralization would

TEXOMA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

include lead and zinc. In February and March of 1950 two prospect holes were drilled in this area, one to a depth of 468 feet and the other to a depth of 465 feet. These prospect drill holes , the logs of which are enclosed showed a heavy pyrite overlay under the shale and traces of zinc sulfide in the lower beds.

Due to the geological formation of this area and a similarity of this formation to the Pitcher field it is believed that the area proposed has very good possibilities as a potential major ore field.

Texhoma corporation, however, temporarily abandoned its operations due to lack of money.

(b) This area is on the east west trend line of the major lead and zinc areas of the United States. The known western tip of this area is at Pitcher, Oklahoma, a distance of approximately 50 air miles. We believe proposed drilling has a good chance of uncovering another major ore producing area .

(c) Reports attached.

17. Not applicable.

18. Not applicable

19. No further comment.

20. Lead and Zinc.

21. Applicant proposes to drill approximately 40 prospect drill holes to a depth of approximately 450 feet on the lease presently held by the applicant. We estimate 20 months for the completion of the projects

22. See 16. Drill logs and other geological data attached.

23. (a) Labor
1 Driller $14.00 per day
1 Tool Dresser $13.00 per day

(b) Supervisors
1 Engineer $25.00 per day
1 Drilling Superintendent $20.00 per day

(c) none

(d) moving of rig at $25. per move, 40 moves approximately $1,000.00

TEXHOMA MINING CORPORATION
1422 Preston Ave.
Austin, Texas

(e) 1 Jumbo -C rig $8,000.00

1 2 ton truck 3,000.00

1 pick up truck 1,500.00

(f) none

(g) none

(h) oil and gas $10.00 per day. Water transport $20.00 per day. Spare parts and replacements etc. $8.00.

(i) See (h)

24. Should complete approximately 2 holes per month, or a total of 20 months and a total of $77,900.00.

TRUMBIA MINING CORPORATION

1422 Preston Ave.

Austin, Texas

EAGLE-PICHER MINING & SMELTING CO.

DATE [illegible]

TITLE: Formations cut by [illegible] #1 [illegible]

PROJECT NO. [illegible]

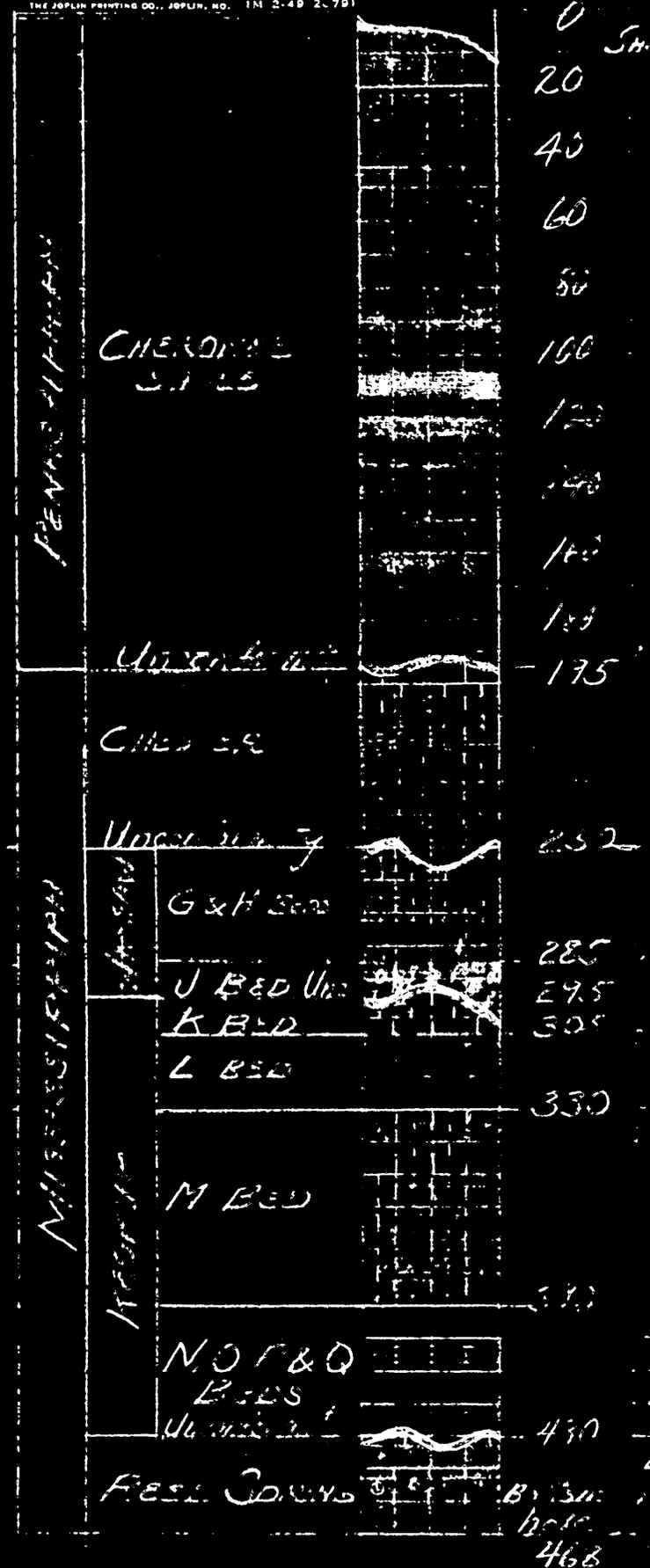
DESCRIPTION: Center of S line [illegible] of Section 28 T 28 N R [illegible] Cais C[illegible] Oklahoma Feb 6 1948 [illegible] Vaughn of Bubble [illegible] & Drilling for Eagle Picher Mining & Smelting Co. — Bue [illegible]

BY [illegible]

APPROVED [illegible]

SHEET NO. [illegible] OF [illegible]

THE JOPLIN PRINTING CO., JOPLIN, MO. 1M 2-49 2-791



EAGLE-PICHER MINING & SMELTING CO.

DATE 16 APRIL 1950

TITLE: FORMITIONS CUT by WAYNE TRUNDLE #1

PROJECT NO.

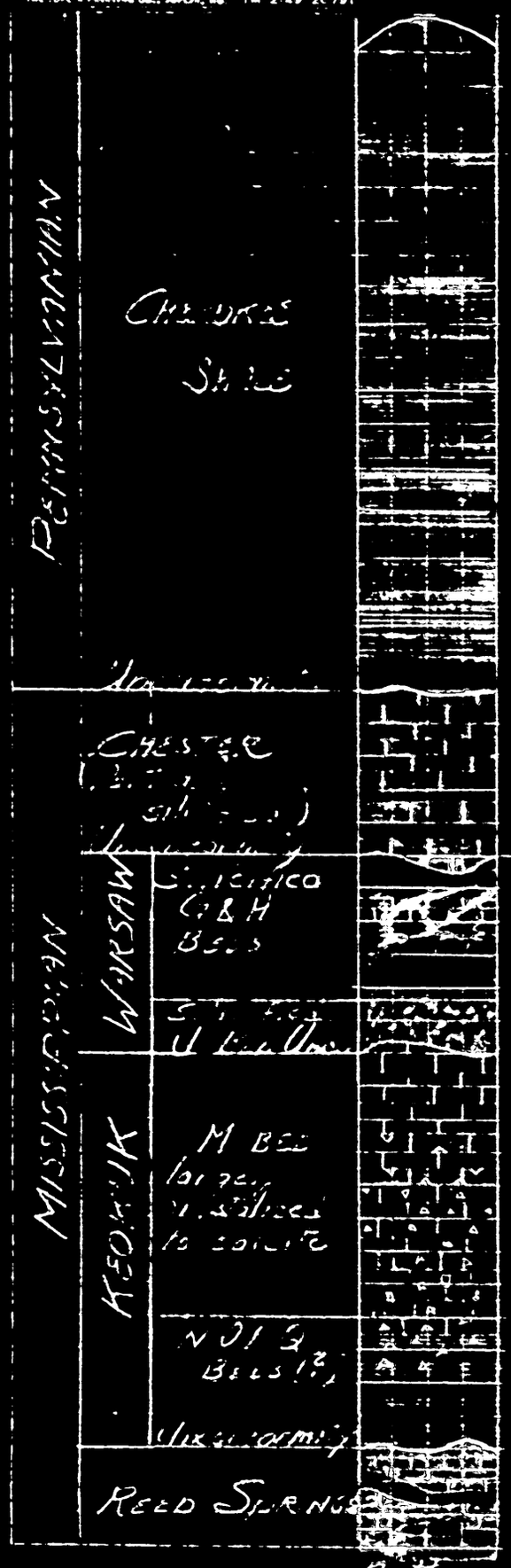
DESCRIPTION: Center of SE 40 SECTION 33 T 24N R 19E CRAIG Co. OKLAHOMA

BY: V. E. M. Kemp

BEGAN MAR 10 FINISHED MAR 24, 1950 — EARL VAUGHT O.T. BUSBLE OWNER & DRILLER for TEXHOMA MINING CORP

APPROVED

SHEET NO. OF



Dark shale

Sandstone bands

City

Brown limestone

Unconformity

Brown limestone & sandy

Brown limestone & grayish

bedded sandy limestone

light gray chert

some light gray chert & jasper

light gray limestone & chert

" " " " " fine calcite

crystalline light gray limestone

" "

" "

some gray chert

" some dark chert

60% " " light gray chert

some black jasperoid

light gray limestone 10% dark chert

" " 40% " "

" " 15% " "

MINING LEASE

THIS AGREEMENT, Made and entered into this 9th day of Feb., 1950, by and between C. L. Pitts & Daisy Pitts husband & wife

hereinafter referred to as Lessors, and F. W. Roberson and G. I. Carlisle, a partnership doing business as Roberson-Carlisle, hereinafter referred to as Lessee, WITNESSETH: That,

All the covenants and obligations hereof to be kept and performed on the part of Lessors shall be deemed to be both joint and several as to such Lessors, except that any notices or demands to be made by Lessors shall be signed by all of said Lessors.

Lessors, in consideration of the sum of One Dollar ($1.00) to them in hand paid, the receipt of which is hereby acknowledged, and the covenants and agreements to be kept and performed by Lessee, its sublessees, successors or assigns, the sufficiency of which to support each and every covenant, right and privilege herein granted is hereby acknowledged, and the royalties to be paid Lessors, all as hereinafter set forth, have and by these presents do demise, lease and let to said Lessee, its successors and assigns, for the purpose of searching and prospecting for and mining lead and zinc ores and all other valuable minerals and metals, excepting coal, oil, and gas, the following described real estate, to:wit:

NW/4 of NE/4; W/2 of NE/4 of NE/4; & NE/4 of NE/4 of NE/4 all in Sec. 32, Township 24N, Range 19 E., Craig County, Okla.
SE/4 of NE/4 & NE/4 SW/4 of NE/4 of Sec. 32 & SW/4 of NW/4 of Sec. 33 in Township 24 North Range 19 E.

for the purposes hereof considered and treated as one parcel, for the term of Ten (10) years from and after the date hereof, together with the option if this lease is in force and effect on such expiration date of an extension or renewal for a like period of time thereafter; all upon the following terms and conditions, to-wit:

It is understood that Lessee herein has acquired and intends to and is attempting to acquire other leases substantially similar to this, upon other lands within a local area comprising Sections 19, 20, 21, 28, 29, 30, 31, 32, and 33, in Township 24 North, Range 19 East, all in Craig County, Oklahoma, and that this lease shall be deemed one of a series of community leases within said area, (but the validity of this lease is not contingent upon and shall not depend upon the acquiring of additional leases), and that, anything herein stated or any legal conclusion based thereon to the contrary notwithstanding, it is specifically agreed that entry by Lessee or those with authority in its behalf upon any one or more of such leases Lessee may obtain in said area, on or before June 1, 1950 and continuous drilling thereafter, without regard to which particular lease or leases on which drill rigs may be operating, shall be deemed sufficient compliance with the terms hereof concerning prospecting requirements, for a period of two (2) years from and after June 1, 1950. It is specifically agreed that this agreement does not obligate the Lessee to go upon any particular tract of land included in the group of leases, or having once entered upon any particular tract of the lands here leased, to thereafter continue drilling thereon during such two year period, but Lessee may transfer its drilling operations from time to time to any of the leases, as it may see fit, and that drilling so conducted shall hold all of the rights herein granted valid during the two year period.

1. Subject to the provisions of the paragraph next preceding, Lessee agrees to enter upon said lands leased hereby within two (2) years from the date of June 1, 1950 and commence prospect drilling or mining operations, including such installation of such pumps as may be found necessary to handle the water that may be encountered, and thereafter conduct either prospecting or mining operations at least nine (9) months out of each year under the terms hereof, which operations shall not be suspended for more than thirty (30) days at any one time during the nine-months working period without written permission of Lessors: provided, however, that Lessee may pay to Lessors the sum of Twenty-five Dollars ($25.00) on or before the tenth of each calendar month in lieu of the foregoing provisions requiring prospecting or mining on the property described herein, and such payments shall be considered as advance royalty and be deducted from the

royalty payments hereafter specified herein as and when mining production is actually begun on said property; and provided, further, that Lessee shall not be required to conduct pumping, prospecting or mining operations on said lands during such times as the market price of Spelter shall be below six cents (6 ¢) per pound on the East St. Louis, Illinois metal market, cessation of work for this reason in no event to exceed a period of two years at any one time.

2. Lessee shall furnish the Lessors a complete log of each and every hole drilled on said lands, and where cuttings from drill holes are assayed, a copy of the assay, and at reasonable times upon request from Lessors, but not oftener than twice in any one year, a map showing definite location of each hole. Upon the completion of each hole, unless same is desired by Lessee to be kept open in connection with contemplated mining operations, Lessee shall pay to Lessors the sum of Twenty Five ($ 25.00) as compensation to Lessors for plugging or filling such hole, which payment shall be also in consideration of releasing Lessee from further liability or obligation in connection with the existence or condition of said hole, unless same shall thereafter be reopened by Lessee.

3. Lessee shall mine said lands in a good, thorough and workmanlike manner; shall keep all shafts cribbed and drifts timbered or otherwise supported where in the judgment of Lessee same shall appear to be necessary, and shall not remove such timbers or supports without written permission of Lessors, but shall not be liable for damages in event of caving of said lands, or any portion thereof, by reason of failure of timbers placed or pillars left to support same. Lessee shall also have the right to occupy and use so much of said lands as in its judgment may be needed to properly conduct prospecting or mining operations hereunder, which shall include the right to erect on said land all necessary buildings and structures, machinery, and equipment, for the purpose of mining, crushing, cleaning and milling and preparing for market the mineral or metal products found, to build ponds for the storage or settling of water pumped or used in connection with said operations, to store on said lands tailings or other waste products resulting from mining operations hereunder, with the right to construct trams, roads and railroads over and across said lands for the purpose of carrying on said operation or as means of ingress and egress. Lessee shall have the right to remove any of said buildings, structures, machinery, or equipment, at any time during the term hereof, or within One (1) year after the expiration hereof and without any rental for the use of such premises therefor. The possession of said lands for all purposes not consistent with and which do not interfere with prospecting, or mining hereunder, and all surplus water not used for mining operations are reserved to Lessors.

4. It is agreed that Lessee shall have the privilege of raising ores mined from adjoining or neighboring lands through shafts on this land or to raise ores from this land through shafts located on adjoining or neighboring lands. In either event Lessee shall exercise extreme care to prevent a commingling of ores from this land with ores from other lands before such ores reach the mill where they are to be milled. In the event that Lessee desires to raise ores mined from adjoining or neighboring lands through shafts located on this land and Lessee is not at the same time mining ores on this land, it shall pay to Lessors the sum of Fifty Dollars ($50.00) per month for such use of Lessors' land.

5. Ores and minerals mined from this land may be cleaned and prepared for market thereon in an independent operation, or at a central concentrating plant located on this or other lands within the Tri-State Area, separately or in connection with other ores, as Lessee may elect, and if cleaned at such a central concentrating plant shall be weighed, assayed, treated, handled and the net recoverable lead and zinc concentrates determined, disposed of, accounted for, and royalty due Lessors thereon determined, in accordance with weighing, sampling and concentrating methods recognized in the industry as practical and efficient at the time of receipt at the mill. Complete and permanent records shall be made and kept of said entire transaction, which shall be open to inspection and audit of Lessors or their agent at all reasonable times, and Lessors or their agents may likewise be present and observe said operation at all reasonable and seasonable times. Subject to the payment of royalty hereinafter provided, all lead and zinc concentrates or other recoverable values shall belong to Lessee. Tailings and other waste products resulting from milling on the lands herein described of ores

mined therefrom shall belong to Lessors, subject to Lessee's right to further treat same for recoverable minerals or metal values, during the life of this lease. If ores mined and raised on said lands herein leased are treated and cleaned at a central concentrating plant located on other lands, tailings and other waste products resulting from said ores shall belong to Lessee.

6. Lessee shall on or before the tenth day of each calendar month pay to Lessors as rent or royalty or deposit same in First Nat'l. Bank at Vinita, Oklahoma, or such other Bank as all of said Lessors may in writing hereafter designate, (such Bank, or Banks, being hereby designated and constituted as Agent of Lessors to receive such payments, and deposit in such Bank to be deemed and considered payment to Lessors), five (5%) per cent of the market value of the recoverable lead and zinc concentrates contained in the ores mined and milled and sold on the premises, or taken therefrom for milling, during the preceding calendar month, with a statement showing the amount, quality, kind and weight, and the value thereof. "Concentrates" is hereby defined to mean the salable zinc or lead or both minerals as recoverable at the mill or concentrating plant where treated, including in addition to lead or zinc metal any and all other metals, or elements contained in such concentrates, whether or not such metals or elements are by presently known or by future discovered methods of recovery rendered valuable. "Market Value" is hereby defined for the purposes hereof to be, (a) the value of concentrates resulting from ores mined from lands herein leased and milled in an independent operation on the premises as based upon the market price established in the Tri-State District of Kansas, Oklahoma and Missouri for concentrates of a similar grade and kind and prevailing at the time said concentrates are disposed of; or, (b) the value of the recoverable concentrates, as shown by assay, contained in the ores taken to a central mill, based upon the market price prevailing in the Tri-State District for similar concentrates at the time said ores are delivered to the Mill for treatment. Lessors shall have no interest in any bonus or premium paid to Lessee by the United States Government or any agency thereof on the ores and minerals produced from the premises nor shall any royalty be paid on said bonus or premium. The same rate of royalty shall be paid in the same manner on all iron concentrates recovered and marketed separately by Lessee from the ores mined from said premises hereunder.

7. As an additional consideration lessee agrees to pay lessor, their heirs and assigns, as a mineral revenue bonus the additional sum of $100.00 per acre out of two (2%) per cent of the revenue from the first minerals mined and marketed from the leased premises, if, as and when mined and marketed from said property under the terms of this lease and in no other way. The obligation to pay additional consideration described above shall follow the ownership of the interest herein conveyed and be dependent upon such ownership; and each successive owner shall pay and be responsible only for the payments due on account of minerals mined and marketed from the leased premises by such owner.

8. During the prospecting period as herein provided for, Lessee shall keep all gates on the premises closed and shall pay Lessors for actual damage to growing crops caused by prospecting operations hereunder. In the event that mining operations are commenced on said premises Lessee agrees upon written request from Lessors to construct cattle guards in place of gates used by Lessee in entering or leaving said property. It is further agreed that Lessee will not sink any shaft or erect any mill within three hundred feet (300') of any dwelling located on the premised herein described without the written consent of Lessors.

9. Lessors agree to pay their proportionate part of the taxes assessed or levied by the State in which said lands are located, or any subdivision thereof, or by the Federal Government, against ores or minerals produced from said lands.

10. Lessors hereby warrant and agree to defend the title to the lands leased herein, and Lessee is hereby given and shall at all times during the life hereof have the right, but is not obliged to pay taxes, mortgages or other liens which may be due and payable in the event of default of payment by Lessors, in which event Lessee shall be subrogated to all the rights of the holder thereof.

11. In case of failure of Lessee to keep and perform the terms and obliga-

tions of this lease, Lessors may give thirty (30) days' written notice of the breach or violation complained of, and if such violation or default is not removed or corrected in said period, provided the same can be remedied within that time, this lease shall thereupon terminate at the option of Lessors, which shall be evidenced by notice in writing to Lessee, and which remedy shall be exclusive, provided, however, that no forfeiture shall be asserted or based on cessations or delays in operations hereunder when occasioned by fire, riot or civil commotion, strikes, or other labor controversies, operations of Law or interference of Government Agencies, acts of nature, or other causes beyond the control of Lessee at the time of occurrence whether or not same could have been foreseen or prevented. Notices in this paragraph provided shall be given by mailing same to Lessee by registered mail and the time of the notice shall start to run from date of delivery.

12. Lessee may at any time and is hereby given permission to surrender this lease by executing and tendering to Lessors a written release hereof, and from and after such tender shall be released and relieved from all further obligations or liability hereunder except to account for and pay royalties accrued during the life hereof. Tender of such release may be made by delivering same to any Lessor in person or by depositing the same with any official or employee of the Bank at such time acting as Agent for Lessors to receive payment or royalties hereunder; or by recording in the office of the Recorder of Deeds of the County in which said lands are located, of such release, and paying the recording fee. Upon termination of this lease from any cause, upon request Lessee will furnish Lessors with a copy of the most recent map in the possession of Lessee showing the underground workings.

13. This Lease shall run to and be binding upon each of the parties hereto, their heirs, legatees, legal representatives, successors, sublessees or assigns, respectively.

In Witness Whereof, the Lessors have hereunto set their hands and seals, and the Lessee has caused its name to be subscribed by its proper officer, the day and year first hereinablve set out.

C. L. Pitts

Daisy Pitts

LESSORS

ROBERSON - CARLISLE

By F. W. Roberson Jr.

LESSEE

STATE OF OKLAHOMA)
COUNTY OF Craig) ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1951, personally appeared C. L. Pitts & Daisy Pitts - Husband & wife to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:

Feb, 25, 1951

Carl Brown
Big Cabin, Okla.
Notary Public

STATE OF OKLAHOMA)
COUNTY OF Craig) ss:

Before me, the undersigned, a Notary Public in and for said County and State on this 10th day of Feb., 1951, personally appeared E. Ub. Roberson Jr. to me known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

GIVEN under my hand and seal the day and year last above written.

My Commission Expires:

Feb, 25, 1951

Carl Brown
Big Cabin, Okla
Notary Public

TEHAMA MINING CORPORATION

BALANCE SHEET

AS OF JANUARY 1, 1961

ASSETS			
Cash			210 82
Leases (No Stated Value)			
			210 82
LIABILITIES			
Common Stock		2000 00	
(2000 Shares @ $ 1.00 Per Share)			
Surplus			
Paid In Surplus	285 49		
Earned Surplus	2974 67		
		2289 18	
			210 82

TEXOMA MINING CORPORATION

STATEMENT OF PROFIT AND LOSS

FOR THE YEAR ENDING DEC. 31, 1950

Income	-0-	
Expenses		
Cost of Prospect Drilling	1951	00
Legal Expenses	148	00
Travel Expenses	389	85
Telephone Expenses	63	82
Taxes	22	00
	2574	67