



CONTACT INFORMATION

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The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

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03/20/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: FIRST HOME

ALTERNATE NAMES:

MERCHANTS HOME
BLOCK ESTATES

YAVAPAI COUNTY MILS NUMBER: 1085B

LOCATION: TOWNSHIP 12.5N RANGE 1 W SECTION 27 QUARTER NW
LATITUDE: N 34DEG 26MIN 48SEC LONGITUDE: W 112DEG 21MIN 06SEC
TOPO MAP NAME: POLAND JUNCTION - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
SILVER
ZINC
LEAD

BIBLIOGRAPHY:

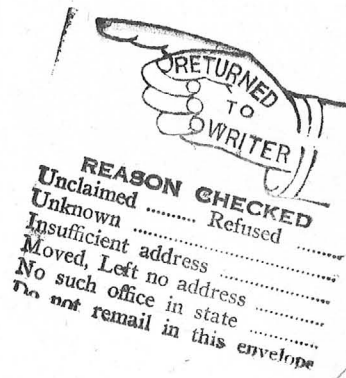
USGS POLAND JUNCTION QUAD
BLM MINING DISTRICT SHEET 224
ADMMR FIRST HOME MINE FILE
LINDGREN, W. ORE DEPTS JEROME & BRADSHAW MTN
QUADS USGS BULL 782 1926 P 135
YAVAPAI MAGAZINE AUG. 1926 P 18 SHROTT HALL
MUSEUM PRESCOTT, AZ
ADMMR FIRST HOME COLVO FILE

SOURCES

nds



UNKNOWN AT ADDRESS 2312 R



Mr. Harold H. Block
2723 Camlos Place
Los Angeles 23, Calif.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA

December-10,-1957

February 17, 1958

To the Owner or Operator of the Arizona Mining Property named below:

FIRST HOME MINE
(Property)

GOLD SILVER COPPER LEAD ZINC
(ore)

We have an old listing of the above property which we would like to have brought up to date.

Please fill out the enclosed Mine Owner's Report form with as complete detail as possible and attach copies of reports, maps, assay returns, shipment returns or other data which you have not sent us before and which might interest a prospective buyer in looking at the property.

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

C

✓

Phx C-220
July 16, 1943
July 29, 1943

- (B) Reference is made to the U.S.G.S. bulletin, "Ore Deposits of the Jerome and Bradshaw Mountain Quadrangles, Arizona", pp. 135, par. 3.

(C) The applicant claims that there are available reports by six mining engineers. Only excerpts from a few reports, however, are included with the application.

Of the samples listed as taken by W. M. Claypool only two are representative of mineable ore in place, and their significance is shrouded as widths and character are not explained.

The quotation from the Block report (E. Block, not the applicant) indicates that the vein average is very low in lead and zinc, about 2 percent each, although selected ore will average higher.

July 30, 1943

(D) It must be concluded that, while precious metals are associated with base sulphide minerals, the mine has been, and still is, primarily a gold-silver property and that the quantity of strategic metals to be gained is not in favorable ratio to the mining and milling facilities necessary for their production. Such conclusion is being based upon the most optimistic possibilities of production as presented by the applicant.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Earl F. Hastings, Projects Engineer

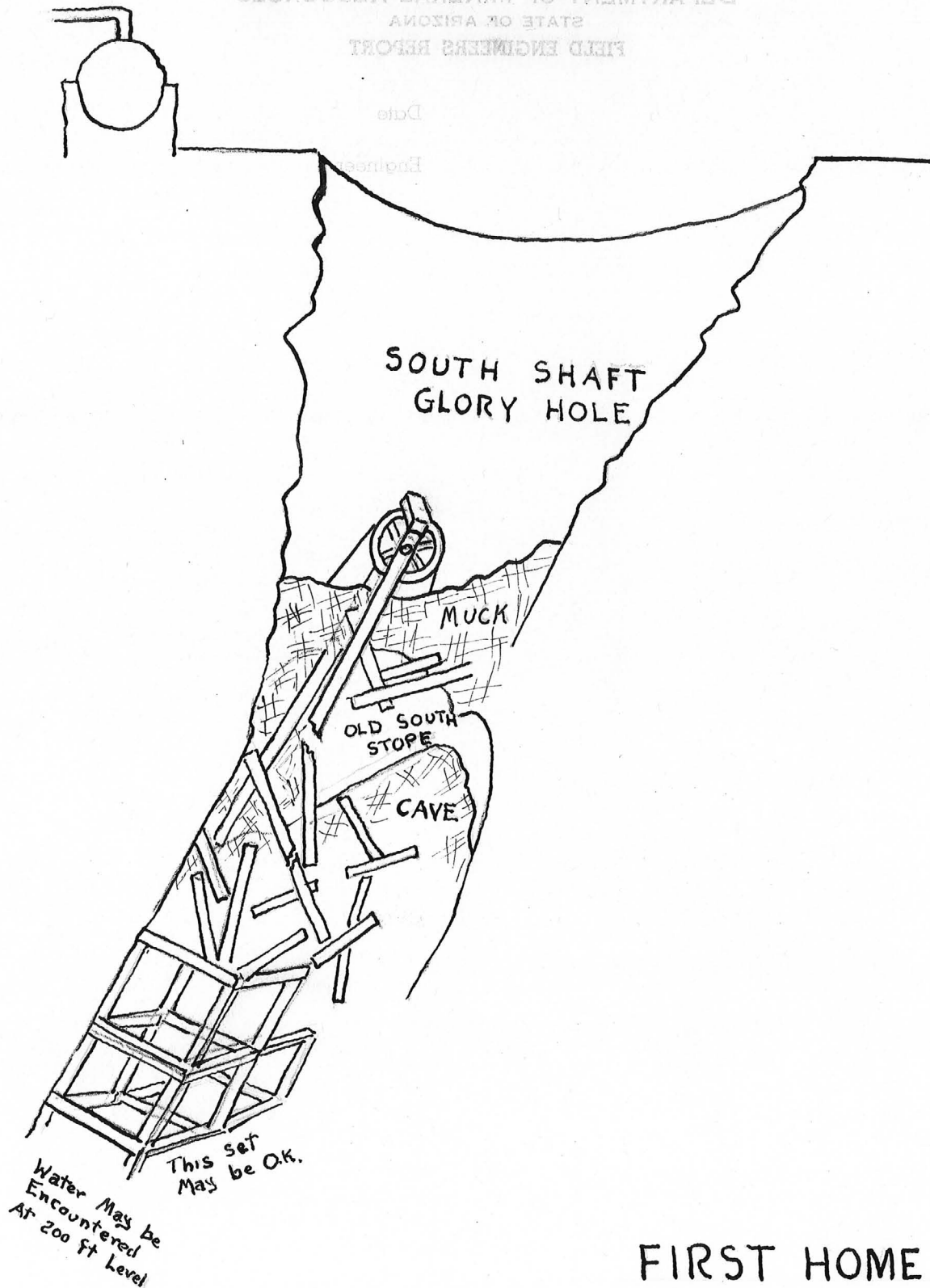
Date

Engineer

Mine

District

Subject



FIRST HOME MINE

IDEAL SKETCH

Showing Possible
Subsidence of Muck
Into Old Stope Area

Approx Scale 1"=10'

B. W. Brown 43

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine

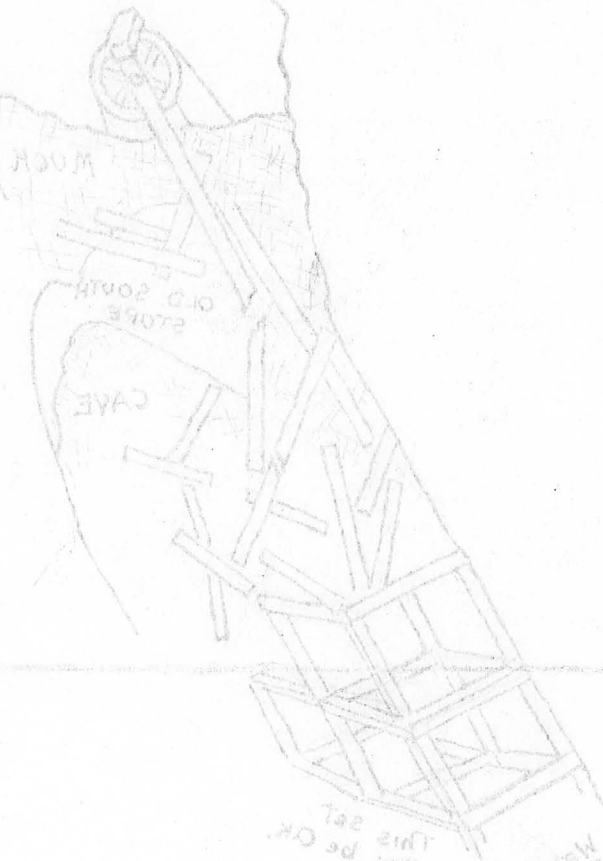
Date

District

Engineer

Subject:

SOUTH SHAFT
GLORY HOLE



FIRST HOME MINE
IDEAL SKETCH

Showing possible
subsidence of Mock
into Old Shaft Area

Approx Scale 1"=10'

B. W. Brown

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

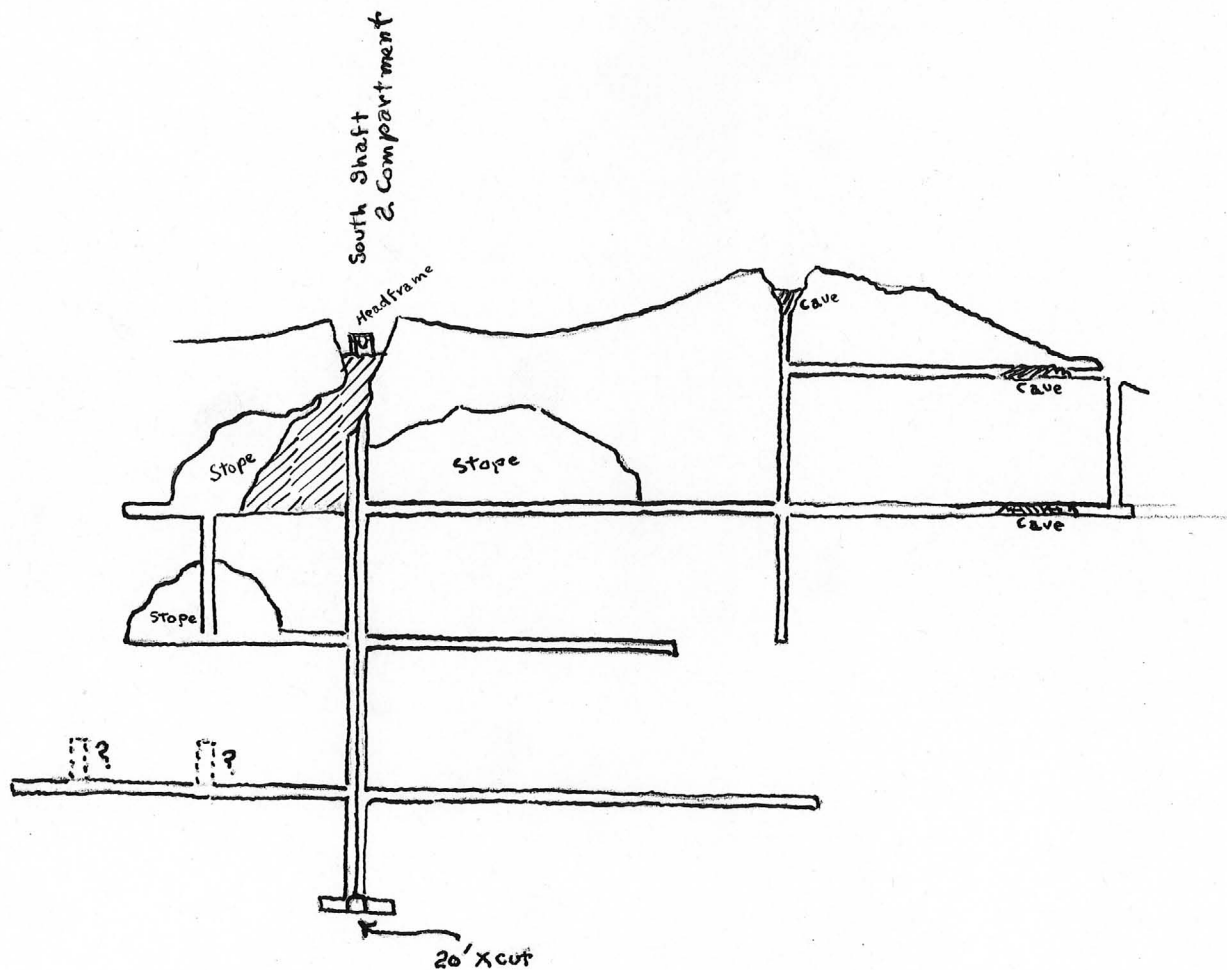
Mine

Date

District

Engineer

Subject:



FIRST HOME MINE

Big Bug Dist Yavapai Co. Ariz.
SKETCH

Probable Section (After H.H. Block)

APPROX. SCALE $1'' = 100'$

B.W. Brown 43

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date May 24, 1940

Mine First Home

District Big Bug

Location 28 miles by road from
Prescott

Former name None, but incorporated at one time
as Merchants Mining Company

Owner Block Estate Mines. H. H. Block
Agt.

Address 507 Hassayampa Drive
Prescott, Arizona

Operator None

Address ---

President none

Gen. Mgr. None

Mine Supt. None

Mill Supt. None

Principal Metals Gold, silver, lead, zinc

Men Employed none

Production Rate none

Mill: Type & Cap. None

Power: Amt. & Type Power line about 1 mile from property.

Operations: Present Idle

Operations Planned Indefinite

Number Claims, Title, etc. One patented claim

Description: Topog. & Geog. porphyry near granite contact

Mine Workings: Amt. & Condition About 1000 feet of workings opened by 300-ft. shaft
shaft badly caved. Mine workings closed.

Geology & Mineralization Large vein containing shoots of massive galena, shoots of heavy zinc sulphides, and ledge matter impregnated with iron sulphides which would apparently be excellent feed for mill. One bonanza free gold-quartz vein encountered on lower level.

Ore: Positive & Probable, Ore Dumps, Tailings probably very little shipping ore developed, but apparently entire vein is good grade mill ore. Portions of dumps are mill ore.

Mine, Mill Equipment & Flow Sheet None

Road Conditions, Route About 22 miles from Prescott to Poland Junction on Black Canyon highway (main gravel highway). Then about 6 miles up Big Bug creek on old railroad grade (fair condition).

Water Supply Big Bug creek about one quarter mile down hill. Mine makes some water. Spring on property.

Brief History Located about 1897. Incorporated and operated intermittently until 1907 during which time about 60 cars of ore assaying about \$7.00 gold, old price, 20 ounces silver, and 20 per cent lead shipped. Unable to raise funds then to build mill.

Special Problems, Reports Filed very little information available but is generally known that it is one of few old mines which were not worked out. Reports available from H. H. Block.

Remarks Would be necessary to sink new shaft or open old one for sampling. There is no doubt but that there is a considerable tonnage of mill ore developed, with good prospects for making a large producer. Might be worked in conjunction with Copper Dyke mine nearby.

If property for sale: Price, terms and address to negotiate. Property for sale on satisfactory terms to responsible parties who could assure owners that they have sufficient capital to open for sampling, develop, equip, and start mining and milling. Others should not consider this property.

Signed Harold H. Block

pmw

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date **May 24, 1940**

1. Mine **First Home**
2. Mining District & County **Big Bug**
3. Former name **None, but incorporated at one time as Merchants Mining Company**
4. Location **28 miles by road from Prescott**
5. Owner **Block Estate Mines. H. H. Block, Agt.**
6. Address (Owner) **507 Hassayampa Drive Prescott, Arizona**
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals **Gold, Silver, Lead, Zinc**
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type **Power line about 1 mile from property**
18. Operations: Present **Idle**

19. Operations Planned **Indefinite**

20. Number Claims, Title, etc. **One patented claim**

21. Description: Topography & Geography **Porphyry near granite contact**

22. Mine Workings: Amt. & Condition **About 1000 feet of workings opened by 30-ft. shaft Shaft badly caved. Mine workings closed.**

Worth looking at

23. Geology & Mineralization Large vein containing shoots of massive galena, shoots of heavy zinc sulphides, and ledge matter impregnated with iron sulphides which would apparently be excellent feed for mill. One bonanza free gold-quartz vein encountered on lower level.
24. Ore: Positive & Probable, Ore Dumps, Tailings Probably very little shipping ore developed, but apparently entire vein is good grade mill ore. Portions of dumps are mill ore.
- 24-A Vein Width, Length, Value, etc.
25. Mine, Mill Equipment & Flow Sheet None
26. Road Conditions, Route About 22 miles from Prescott to Poland Junction on Black Canyon highway (main gravel highway). Then about 6 miles up Big Bug creek on old railroad grade (fair condition).
27. Water Supply Big Bug creek about one quarter mile down hill. Mine makes some water. Spring on property.
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Unable to raise funds then to build mill.
29. Special Problems, Reports Filed Very little information available but is generally known that it is one of few old mines which were not worked out. Reports available from H. H. Block.
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32. Signed.....Harold H. Block

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date May 24, 1940

1. Mine First Mine
2. Mining District & County Big Dog
3. Former name None, but incorporated at one time as Merchants Mining Company
4. Location 20 miles by road from Prescott
5. Owner
6. Address (Owner) 507 Huesayampa Drive Prescott, Arizona
7. Operator
8. Address (Operator)
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Gold, Silver, Lead, Zinc
14. Men Employed
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type Power line about 1 mile from property.
18. Operations: Present Idle
19. Operations Planned Indefinite
20. Number Claims, Title, etc. One patented claim
21. Description: Topography & Geography Porphyry near granite contact.
22. Mine Workings: Amt. & Condition About 1000 feet of workings opened by 300-ft. shaft. Shaft badly caved. Mine workings closed.

23. Geology & Mineralization Large vein containing sheets of massive galena, sheets of heavy zinc sulphide, and ledge matter impregnated with iron sulphides which would apparently be excellent feed for mill. One bonanza free gold-quartz vein encountered on lower level.

24. Ore: Positive & Probable, Ore Dumps, Tailings Probably very little shipping ore developed, but apparently entire vein is good grade mill ore. Portions of dumps are mill ore.

24-A Vein Width, Length, Value, etc.

25. Mine, Mill Equipment & Flow Sheet None

26. Road Conditions, Route About 22 miles from Prescott to Poland Junction on Black Canyon Highway (main gravel highway). Then about 6 miles up Big Bug creek on old railroad grade (fair condition).

27. Water Supply Big Bug creek about one quarter mile down hill. Mine takes some water. Spring on property.

28. Brief History Located about 1897. Incorporated and operated intermittently until 1907 during which time about 60 cars of ore averaging about \$7.00 gold, old price, 20 ounces silver, and 30 percent lead shipped.

Unable to raise funds then to build mill.

29. Special Problems, Reports Filed Very little information available but is generally known that it is one of few old mines which were not worked. Reports available from H. H. Block.

30. Remarks Would be necessary to sink new shaft or open old one for sampling. There is no doubt but that there is a considerable tonnage of mill ore developed, with good prospects for making a large producer. Might be worked in conjunction with Copper Dyke mine nearby.

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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date May 24, 1940

1. Mine First Home
2. Mining District & County Big Bug
3. Former name None, but incorporated at one time
as Merchants Mining Company,
5. Owner Block Estate Mines. H. H. Block, Agt.
7. Operator
9. President
11. Mine Supt.
13. Principal Metals Gold, Silver, Lead, Zinc
15. Production Rate
17. Power: Amt. & Type Power line about 1 mile from property
18. Operations: Present Idle
4. Location 28 miles by road from Prescott
6. Address (Owner) 507 Hassayampa Drive Prescott, Arizona
8. Address (Operator)
10. Gen. Mgr.
12. Mill Supt.
14. Men Employed
16. Mill: Type & Cap.

19. Operations Planned Indefinite

FIRST HOME MINE

Au, Ag, Pb, Zn

Yavapai 13 - 4 T 12 N, R 1 W

Block Estate, H. H. Block, 507 Hassayampa, Prescott '40

20. Number Claims, Title, etc. One patented claim

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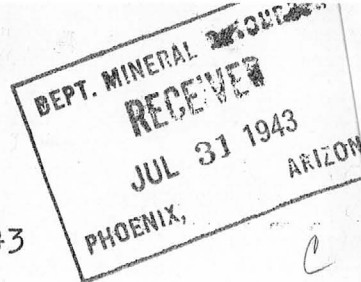
DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
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32. Signed.....Harold H. Block.....
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DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine FIRST HOME MINE

Date July 30, 1943

District Big Bug - Yavapai County, Ariz.

Engineer B. W. Brown

Subject: Examination of First Home Mine for Harold H. Block - 2723 Camlos Place, Los Angeles 23, California.

The First Home Mine, which consists of one patented claim located in the Big Bug Mining District of Yavapai County and situated about 29 miles by road from Prescott, is owned by Harold H. Block and associates; 2723 Camlos Place, Los Angeles-23, California. The mine may be reached from Poland Junction by about $6\frac{1}{2}$ miles of graded county road and thence by about 1,500 feet of steep but passable mine road. Its location may be further described as being partially in sections 22 and 27 of T12N-R1W G&SRB&M and lying in the proximity of the Postmaster group of claims.

The mine was located in 1892 and was periodically worked from 1895 to 1901. In 1901 it was incorporated as the Merchant's Mining Co. and was operated as such until the financial panic of 1907. The property was subsequently operated from time to time by independent leasers.

Reports would indicate that the mine consists of the following workings: a 300 foot shaft, a 185 foot shaft, a 75 foot shaft, and an adit tunnel connecting the last two mentioned shafts with the surface - also, there should be about 1500 feet of lateral workings together with some stopeing. The shafts and tunnel are badly caved and the workings are not accessible.

All mine records and assays from operations prior to 1907 are not available, but it is believed that some 65 cars of ore were shipped to the smelter while the property was under the management of the Merchant's Mining Co. Reports by engineers and geologists who examined the property during its operation are extant. Also, the returns on two shipments made by leasers are available and are given as follows:

Wt.	Au	Ag	Pb	Fe	Zn	Ins.
2,740 lbs	.25	24.4	30%	6%	15%	14%
13,740 lbs	.13	13.4	21.4%	7%	19.5%	29.2%

A report by Mr. W. M. Claypole (1901) would indicate considerable tonnage of the following grade:

Au	Ag	Pb	Width
.24	1.8	4.1	24 inches

No mention was made in Mr. Claypole's report of any zinc. It may be remembered that zinc at that time was cause for severe smelter penalties.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine

Date

District

Engineer

Subject: FIRST HOME MINE (continued)

A report by Mr. Harrington Blauvelt would indicate a streak of ore varying from 6 inches to sometimes 4 feet carrying galena, blende and pyrite.

Correspondence by Mr. George M. Calvocoresses further states that assays which were probably of samples taken from the dump sortings were on record at Humboldt showing as follows:

Au	Ag	Pb	Zn	Cu	Fe	S	Lime	Ins.
.28	10.42	2.3%	24%	.45%	12.9%	20.6%	1%	32.5%

Mr. E. Block reported when driving the South shaft (sometimes called the West shaft) that he encountered a vein at the 200 level $2\frac{1}{2}$ to 3 feet wide which carried the following values:

Au	Ag	Pb
.20	11.8	7%

The mineralization has been described as a fissure vein in porphyry granite, but at the surface indications would tend to substantiate a contact genetic origin where a basic dyke (probably diorite) contacts granite porphyry. A report by Waldemar Lindgren in which he refers to the property as the Merchant's Home describes the mineralization: "The ore carries mainly silver, and in places 2 feet of massive galena showed". Lindgren does not mention the presence of Zinc. However, there is sufficient evidence from old assays and from the present dump material to believe that the ore will carry significant quantities of marmatite with some sphalerite.

Reports would indicate and in the opinion of the present owner, who was raised on the property, it is believed that the mine does not make much water. Water may be obtained in ample quantities for mining and camp purposes from the Big Bug Creek, a distance of .4 mile, and could possibly be developed sufficiently for a small milling operation.

There is no timber of mine grade on the claim, but it is said that timber is available on two patented claims in the vicinity which are also held by the owner of this property.

It is the opinion of this engineer that the First Home Mine might contain significant tonnage of a Lead-Zinc ore complex both developed and potential. It is also his judgement that sufficient Gold and Silver will be found in the ore to defray some of the expense of mining and justify reopening the property.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine

Date

District

Engineer

Subject: FIRST HOME MINE (continued)

The South shaft, which according to reports is the deepest, is a two compartment shaft and would make accessible the largest proportion of the old workings. It is proposed to reopen this shaft. The surface around the collar of this shaft has subsided, belling out into a glory-hole 30 feet in diameter at the top, about 30 feet deep, and 15 feet in diameter at the bottom. The headframe, the upper seven feet of which is now visible in the bottom of the glory-hole, was carried bodily into the shaft by the subsidence and is believed to be securely lodged at the 50 foot level.

As many of the factors involved in the problem of rehabilitating this shaft are unknown, it is difficult if not impossible to arrive at any cost estimate. It is moreover, the opinion of this engineer that the rehabilitation of this mine might possibly not be effected for any sum less than \$8, 000.

Sketch of reported workings and sketch of probable situation at caved area are attached.


Bahngrell W. Brown- FIELD

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine FIRST HOME MINE Date July 30, 1943
District Big Bug - Yavapai County, Arizona Engineer B. W. Brown
Subject: Examination of First Home Mine for Harold H. Block - 2723 Camlos Place,
Los Angeles, 23
California

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The mine was located in 1892 and was periodically worked from 1895 to 1901. In 1901 it was incorporated as the Merchant's Mining Co. and was operated as such until the financial panic of 1907. The property was subsequently operated from time to time by independent leasers.

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It is the opinion of this engineer that the First Home Mine might contain significant tonnage of a lead-zinc ore complex, both developed and potential. It is also his judgment that sufficient gold and silver will be found in the ore to defray some of the expense of mining and justify reopening the property.

The south shaft, which according to reports is the deepest, is a two-compartment shaft and would make accessible to the largest proportion of the old workings. It is proposed to reopen this shaft. The surface around the collar of this shaft has subsided, belling out into a glory-hole 30 feet in diameter at the top, about 30 feet deep, and 15 feet in diameter at the bottom. The headframe, the upper seven feet of which is now visible in the bottom of the glory-hole, was carried bodily into the shaft by the subsidence and is believed to be securely lodged at the 50 foot level.

As many of the factors involved in the problem of rehabilitating this shaft are unknown, it is difficult if not impossible to arrive at any cost estimate. It is moreover, the opinion of this engineer that the rehabilitation of this mine might possibly not be effected for any sum less than \$8,000.

Sketch of reported workings and sketch of probable situation at caved area are attached.

s/d Bahngrell W. Brown - FIELD

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine FIRST HOME MINE Date July 30, 1943
 District Big Bug - Yavapai County, Arizona Engineer B. W. Brown
 Subject: Examination of First Home Mine for Harold H. Block - 2723 Camlos Place,
 Los Angeles, 23
 California

The First Home Mine, which consists of one patented claim located in the Big Bug Mining District of Yavapai County, and situated about 29 miles by road from Prescott, is owned by Harold H. Block and associates; 2723 Camlos Place, Los Angeles-23, California. The mine may be reached from Poland Junction by about 6½ miles of graded county road and thence by about 1,500 feet of steep but passable mine road. Its location may be further described as being partially in sections 22 and 27 of T12N-51W R6SRBM and lying in the proximity of the Postmaster group of claims.

The mine was located in 1892 and was periodically worked from 1895 to 1901. In 1901 it was incorporated as the Merchant's Mining Co. and was operated as such until the financial panic of 1907. The property was subsequently operated from time to time by independent leasers.

Reports would indicate that the mine consists of the following workings; a 300 foot shaft, a 185 foot shaft, a 75 foot shaft, and an adit tunnel connecting the last two mentioned shafts with the surface; also, there should be about 1500 feet of lateral workings together with some stopeing. The shafts and tunnel are badly caved and the workings are not accessible.

All mine records and assays from operations prior to 1907 are not available, but it is believed that some 65 cars of ore were shipped to the smelter while the property was under the management of the Merchant's Mining Co. Reports by engineers and geologists who examined the property during its operation are extant. Also, the returns on two shipments made by leasers are available and are given as follows:-

	Wt.	Au	Ag	Pb	Fe	Zn	Ins.
	2,740 lbs.	.25	24.4	30%	6%	15%	14%
	13,740 lbs.	.13	13.4	21.4%	7%	19.5%	29.2%

A report by Mr. W. M. Claypole (1901) would indicate considerable tonnage of the following grade:

Au	Ag	Pb	Width
.24	1.8	4.1	24 inches

No mention was made in Mr. Claypole's report of any zinc. It may be remembered that zinc at that time was cause for severe smelter penalties.

A report by Mr. Harrington Blauvelt would indicate a streak of ore varying from 6 inches to sometimes 4 feet carrying galena, blende and pyrite.

Correspondence by Mr. George M. Calvocoresses further states that assays which were probably of samples taken from the dump sortings were on record at Humboldt

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

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District **Big Bug - Yavapai County, Arizona**
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showing as follows:

Au	Ag	Pb	Zn	Cu	Fe	S	Lime	Ins.
.28	10.42	2.3%	24%	.45%	12.9%	20.6%	1%	32.5%

Mr. E. Block reported when driving the south shaft (sometimes called the west shaft) that he encountered a vein at the 200 level 2-1/2 to 3 feet wide which carried the following values:

Au	Ag	Pb
.20	11.8	7%

The mineralization has been described as a fissure vein in porphyry granite, but at the surface indications would tend to substantiate a contact genetic origin where a basic dyke (probably diorite) contacts granite porphyry. A report by Waldemar Lindgren in which he refers to the property as the Merchant's Home describes the mineralization: "The ore carries mainly silver, and in places 2 feet of massive galena showed." Lindgren does not mention the presence of zinc. However, there is sufficient evidence from old assays and from the present dump material to believe that the ore will carry significant quantities of marmatite with some sphalerite.

Reports would indicate, and in the opinion of the present owner who was raised on the property it is believed that the mine does not make much water. Water may be obtained in ample quantities for mining and camp purposes from the Big Bug Creek, a distance of .4 mile, and could possibly be developed sufficiently for a small milling operation.

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As many of the factors involved in the problem of rehabilitating this shaft are unknown, it is difficult if not impossible to arrive at any cost estimate. It is moreover, the opinion of this engineer that the rehabilitation of this mine might possibly not be effected for any sum less than \$8,000.

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s/d Bahngrell W. Brown - FIELD

July 21, 1943

MEMORANDUM

To: B. W. Brown
From: J. S. Coupal
Subject: FIRST HOME MINE - Harold H. Block, Carnules Place, Los Angeles

I am enclosing a copy of a Mine Owner's Report on the First Home Mine.

Harold H. Block has made application for a mine loan. It has been submitted to this office and we are anxious to get additional information.

Mr. Block was supposed to be at the RFC office in Phoenix yesterday. I believe he will have a number of reports available and will call on you. I would suggest that you go over these reports carefully. Then visit the mine, make a brief report, and forward it to this office so that Mr. Hastings may have full and complete information in reviewing the application for a loan.

JSC

JSC:ach
enc.

August 2, 1943

MEMORANDUM

SUBJECT: First Home Mine
(Phx C-220)

TO: Mr. George Tweedy

FROM: Earl F. Hastings

This property appears to have some possibility but it also appears that the applicant intends to take a "flyer" with R.F.C. funds, devoting only extra time over his regular job to the project.

I would be inclined to recommend this loan if:

1. Complete reports were as favorable as the excerpts quoted.
2. A competent man was to be on the premises to direct the work and obtain maximum results for the money expended.

It is possible that a complex sulphide ore of sufficient value could be mined for milling at a custom plant in the area.



N
 Scale
 1 inch = 300 ft.

FIRST HOME GROUP
 OF
 Gold, Silver, Lead, and Zinc
 MINES

Scale
 1 inch = 100 Feet.

