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The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

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07/24/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: TIP TOP MINE GROUP

ALTERNATE NAMES:

FORBES MINE
LITTLE HELVETIA MINE
COPPER DUKE MINE
TIPTOP CAMP PROSPECTS
NOONDAY
MT LEON
QUEEN OF SHEBA
KING SOLOMON
COPPER BELT

PIMA COUNTY MILS NUMBER: 191

LOCATION: TOWNSHIP 18 S RANGE 15 E SECTION 15 QUARTER NW
LATITUDE: N 31DEG 52MIN 23SEC LONGITUDE: W 110DEG 47MIN 57SEC
TOPO MAP NAME: SAHUARITA - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER
SILVER
GOLD LODE

BIBLIOGRAPHY:

S.B. KEITH, AZBM BULL. 189, P. 129
ADMMR TIP TOP FILE
ADMMR GUNSIGHT PROJECT FILE
USGS BULL. 582, P. 25, 92, 120 & 121

TIP TOP MINE

PIMA COUNTY

Ref. Albert W. Forbes

Mr. Forbes died 8 years ago.
Mining property now held by Mrs. Albert Forbes.
Mrs. Forbes address is 417 N. Main, Tucson.
Mine Owners Report Blank & letter was forwarded by
field engineer to the correct address. 2-1958

Owner: James R. Mattingly, et al
Tip Top Mining Company

Banner Mining Company, Box 5605, Tucson, Arizona, has option to purchase this property.
9-6-61

Mine closed down. ALJ WR 5-13-63

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Tip Top Mine

Date Nov. 27, 1956

District Helvetia District, Pima Co.

Engineer Axel L. Johnson

Subject: Present Status. Information from James R. Mattingly, Lessee, and Personal Visit.

Location Near Helvetia. For directions, see report of June 20, 1955.

Number of Claims 15

Owners Estate of Denver F. Forbes, 417 N. Main, Tucson, Ariz. Mr. Forbes passed away on Sept. 7, 1956.

Lessees Tip Top Mining Co., Box 27, Sahuarita, Ariz., composed of:
James R. Mattingly, Box 27, Sahuarita, Ariz.
Ewald A. Haglund, Chicago, Ill. Royalty is 10 % of net smelter returns.

Principal Minerals Copper Ores. Carbonates near the surface on last operation.

Production Rate None. Mine is closed down.

Geology and Ore Values See report of June 20, 1955

Past History Mine was operated by the Tip Top Mining Co., James R. Mattingly, Mgr., in late 1954 and in 1955, from about Aug. 1954 to Aug. 1955.

Mine was subleased to D. & P. Mining Co. of Tucson, Ariz. in the fall of 1955. This company consisted of Mr. Danforth of Tucson, Ariz., and Mr. Jenkins and Mr. Beekman of Dayton, Ohio. They spent considerable money (about \$12,000) in repairing and retimbering the main adit, and building an office. Mr. Danforth got into a law suit with his Ohio partners, which resulted in the suspension of further work at the mine. In June, 1956, James R. Mattingly gave notice to the aforementioned sublessees that they had defaulted on the sub-lease agreement by not working the required man hours per month, as specified by the sub-lease agreement. The sub-lease was accordingly cancelled.

Mr. Mattingly reports that Mr. Danforth received approximately \$48,000 from Mr. Jenkins and Mr. Beekman for the development of the property, but that he actually only spent about \$12,000 on the property, and spent the remainder for other purposes. Mattingly also states that he then sued his two partners for not contributing more money toward further mine development, as they had promised to do. Mr. Danforth has now filed action for voluntary bankruptcy.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Tip Top Mine

Date June 20, 1955

District Helvetia District, Pima County.

Engineer Axel L. Johnson

Subject: Field Engineer's Report. Personal Visit and information from James R. Mattingly.

Location Take the Sahuarita-Helvetia road from Sahuarita. Turn left about 0.1 mile before reaching Helvetia at sign "Tip Top Mining Co.", and drive about 1 mile on dirt road.

Number of Claims 15

Owner Denver F. Forbes, 417 N. Main, Tucson, Ariz.

Lessees and Operators Tip Top Mining Co., Box 27, Sahuarita, Ariz., composed of the following persons: James R. Mattingly, Box 27, Sahuarita, Ariz., and Ewald A. Haglund, Chicago, Illinois. Royalty is 10 %.

Principal Minerals Copper ore in the form of carbonates.

Number of Men employed 2 (Mr. Mattingly and one helper.)

Production Rate About 200 tons of copper ore per month. 2200 tons have been produced since last August.

Ore Values Ore during the past 10 months has averaged 2.39 %.

Geology Operators are mining a flat, almost horizontal vein of ore, ~~about~~ averaging about 7 feet in thickness. The minerals are malachite, azurite and tenorite. The vein was exposed on the surface, next to a hill, and runs into the hill.

Ore in Sight and Probable No appreciable amount of ore in sight. Operators are following the vein into the hill.

Milling and Marketing Facilities No mill on the property. Operators are shipping the ore direct to the International Smelting and Refining Co., Miami, Ariz.

Present Mine Workings Operators have, thus far, been stripping the small amount of overburden above the ore vein, and have been mining the ore by means of open pit operations, using a car loader. Now, the operators, on account of the fact that the ore vein runs into the hill, and stripping of the overburden can not be carried on any further, ^{are} driving a tunnel into the mountain, and will continue with underground mining operations, stopping the ore into the tunnel and scraping same into the open pit.

Proposed Plans Operators plan to drive the tunnel to the limits of the ore vein, and then stope the ore out through the tunnel, using double drum slusher.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date January 22, 1945

1. Mine **Forbes**
2. Location **1 mile north Helvetia, Pima County.**
3. Mining District & County **Helvetia Mg. Dist.
Pima County**
4. Former name **Tip Top**
5. Owner **Albert W. Forbes**
6. Address (Owner) **116 Washington St., Tucson**
7. Operator **Denver F. Forbes**
8. Address (Operator) **Same**
9. President, Owinging Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals
11. Mine Supt.
15. Production Rate
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed
17. Power: Amt. & Type
18. Operations: Present **None**
19. Operations: Planned **Clean out 100 feet caved area in tunnel and timber and retimber about 150 feet. Is applying for small R.F.C. loan - about \$1200.**
20. Number Claims, Title, etc. **Originally 24 claims but now holding 11 by location.**
21. Description: Topography & Geography **Rolling hills, western foothills of Santa Rita Range.**
22. Mine Workings: Amt. & Condition **Developed by 2 tunnels, lower partly accessible and about 1000 ft. N & S. About 10,000 ft. raises, drifts, winzes, etc. Main tunnel caved about 200' from portal over distance of 80'. Timber bad or lacking in this area. Raises to upper tunnel *partly open***

23. Geology & Mineralization Ore occurs as lime replacement in limestone beds in quartzite. All seen was oxidized. Bed is : g and for about 200' is in and out of tunnel level.

24. Ore: Positive & Probable, Ore Dumps, Tailings About 400 - 500 tons of ore averaging 2 to 4 ft. in width and reportedly assaying 4 to 6% cu. is reported to be available with little development.

24A. Dimensions and Value of Ore body

25. Mine, Mill Equipment & Flow-Sheet House and blacksmith shop.

26. Road Conditions, Route 15 miles east of S.P. Station at Sahaurita. Good road recently improved by W.P.B.

27. Water Supply Sufficient for mining purposes.

28. Brief History Tip Top Mining Company organized 1902. Capital \$1,150,000. Smelter on adjacent claims now known as Bulldozer. A.S. & R. leased since and mined 10,000 tons 5% Cu, 1 oz. Ag.

29. Special Problems, Reports Filed
*Report of C. Schrader Mineral Deposits of State
Rita ME 11565 Bull 582, pp 130 et seq*

30. Remarks Denver Forbes, son of owner, working at present and expects to ask for \$1200 R.F.C. loan

31. If property for sale: Price, terms and address to negotiate.

32. Signature.....George A. Ballam.....
Field Engineer

33. Use additional sheets if necessary.

irregular pockets. Old stoping limits, bounded by gradation, therefore do not offer possibilities of extension. Some exposures, then too low grade for mining consideration, might now offer stoping possibilities. This is only a matter of conjecture as no specific locations of prospective stoping areas are offered in evidence.

(E) The applicant proposes to rehabilitate workings below the main tunnel level. The only ores exploited or more than casually referred to are above the main tunnel level.

(F) The rehabilitation of all of the extensive workings in searching for mineable ores is hardly warranted. This is particularly so when two possible sources of specific information exist.

1. In 1929-1930 the owners, A. W. and D. E. Forbes, operated and shipped from the property; a relatively complete description of workings should be obtained from them. The Department of Mineral Resources is undertaking to do this.

2. The American Smelting and Refining Company optioned the property in 1907. Very little in either production or development has been accomplished since that date. It is felt that the A. S. & R. Company will have complete data on the property and that it will be applicable as a basis for current evaluation.

Pending receipt of information from either or both of these sources our recommendation is reluctantly negative on the grounds that the docketed data is not specific and the irregular nature of the deposition is such that past production cannot be used as a criterion of future possibilities within the confines of existing or immediate development.

Arizona Department of Mineral Resources

Earl F. Hastings, Projects Engineer

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Tip Top Mine Date Nov. 27, 1956
District Helvetia District, Pima Co. Engineer Axel L. Johnson
Subject: Present Status. Information from James R. Mattingly, Lessee, and Personal Visit.

Location Near Helvetia. For directions, see report of June 20, 1955.

Number of Claims 15

Owners Estate of Denver F. Forbes, 417 N. Main, Tucson, Ariz. Mr. Forbes passed away on Sept. 7, 1956.

Lessees Tip Top Mining Co., Box 27, Sahuarita, Ariz., composed of:
James R. Mattingly, Box 27, Sahuarita, Ariz.
Ewald A. Haglund, Chicago, Ill. Royalty is 10 % of net smelter returns.

Principal Minerals Copper Ores. Carbonates near the surface on last operation.

Production Rate None. Mine is closed down.

Geology and Ore Values See report of June 20, 1955

Past History Mine was operated by the Tip Top Mining Co., James R. Mattingly, Mgr., in late 1954 and in 1955, from about Aug. 1954 to Aug. 1955.

Mine was subleased to D. & P. Mining Co. of Tucson, Ariz. in the fall of 1955. This company consisted of Mr. Danforth of Tucson, Ariz., and Mr. Jenkins and Mr. Beekman of Dayton, Ohio. They spent considerable money (about \$12,000) in repairing and retimbering the main adit, and building an office. Mr. Danforth got into a law suit with his Ohio partners, which resulted in the suspension of further work at the mine. In June, 1956, James R. Mattingly gave notice to the aforementioned sublessees that they had defaulted on the sub-lease agreement by not working the required man hours per month, as specified by the sub-lease agreement. The sub-lease was accordingly cancelled.

Mr. Mattingly reports that Mr. Danforth received approximately \$48,000 from Mr. Jenkins and Mr. Beekman for the development of the property, but that he actually only spent about \$12,000 on the property, and spent the remainder for other purposes. Mattingly also states that he then sued his two partners for not contributing more money toward further mine development, as they had promised to do. Mr. Danforth has now filed action for voluntary bankruptcy.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Tip Top Mine Date June 20, 1955
District Helvetia District, Pima County. Engineer Axel L. Johnson
Subject: Field Engineer's Report. Personal Visit and information from James R. Mattingly.

Location Take the Sahuarita-Helvetia road from Sahuarita. Turn left about 0.1 mile before reaching Helvetia at sign "Tip Top Mining Co.", and drive about 1 mile on dirt road.

Number of Claims 15

Owner Denver F. Forbes, 417 N. Main, Tucson, Ariz.

Lessees and Operators Tip Top Mining Co., Box 27, Sahuarita, Ariz., composed of the following persons: James R. Mattingly, Box 27, Sahuarita, Ariz., and Ewald A. Haglund, Chicago, Illinois. Royalty is 10 %.

Principal Minerals Copper ore in the form of carbonates.

Number of Men employed 2 (Mr. Mattingly and one helper.)

Production Rate About 200 tons of copper ore per month. 2200 tons have been produced since last August.

Ore Values Ore during the past 10 months has averaged 2.39 %.

Geology Operators are mining a flat, almost horizontal vein of ore, ~~averaging~~ averaging about 7 feet in thickness. The minerals are malachite, azurite and tenorite. The vein was exposed on the surface, next to a hill, and runs into the hill.

Ore in Sight and Probable No appreciable amount of ore in sight. Operators are following the vein into the hill.

Milling and Marketing Facilities No mill on the property. Operators are shipping the ore direct to the International Smelting and Refining Co., Miami, Ariz.

Present Mine Workings Operators have, thus far, been stripping the small amount of overburden above the ore vein, and have been mining the ore by means of open pit operations, using a car loader. Now, the operators, on account of the fact that the ore vein runs into the hill, and stripping of the overburden can not be carried on any further, ~~are~~ ^{are} driving a tunnel into the mountain, and will continue with underground mining operations, stopping the ore into the tunnel and scraping same into the open pit.

Proposed Plans Operators plan to drive the tunnel to the limits of the ore vein, and then slope the ore out through the tunnel, using double drum slusher.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date January 22, 1945

- 1. Mine **Forbes**
- 2. Location **1 mile north Helvetia, Pima County.**
- 3. Mining District & County **Helvetia Mg. Dist.
Pima County**
- 4. Former name **Tip Top**
- 5. Owner **Albert W. Forbes** (father)
- 6. Address (Owner) **116 Washington St., Tucson**
- 7. Operator **Denver F. Forbes** (son)
- 8. Address (Operator) **Same**
- 9. President, Owinging Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
- 13. Men Employed
- 17. Power: Amt. & Type
- 18. Operations: Present **None**

19. Operations: Planned **Clean out 100 feet caved area in tunnel and timber and retimber about 150 feet. Is applying for small R.F.C. loan - about \$1200.**

20. Number Claims, Title, etc. **Originally 24 claims but now holding 11 by location.**

21. Description: Topography & Geography **Rolling hills, western foothills of Santa Rita Range.**

22. Mine Workings: Amt. & Condition **Developed by 2 tunnels, lower partly accessible and about 1000 ft. N & S. About 10,000 ft. raises, drifts, winzes, etc. Main tunnel caved about 200' from portal over distance of 80'. Timber bad or lacking in this area. Raises to upper tunnel **partly open.****

23. Geology & Mineralization
Ore occurs as lime replacement in limestone beds in quartzite. All ore seen was oxidized. Bed is 200' thick and for about 200' is in and out of tunnel level.
24. Ore: Positive & Probable, Ore Dumps, Tailings
About 400 - 500 tons of ore averaging 2 to 4 ft. in width and reportedly assaying 4 to 6% cu. is reported to be available with little development.
- 24A. Dimensions and Value of Ore body
25. Mine, Mill Equipment & Flow-Sheet
House and blacksmith shop.
26. Road Conditions, Route
15 miles east of S.P. Station at Sahaurita. Good road recently improved by W.P.B.
27. Water Supply
Sufficient for mining purposes.
28. Brief History
Tip Top Mining Company organized 1902. Capital, \$1,150,000. Smelter on adjacent claims now known as Bulldozer. A.S. & R. leased since and mined 10,000 tons 5% Cu, 1 oz. Ag.
29. Special Problems, Reports Filed
Report by F.C. Schrader Mineral Deposits of Santa Rita & Patagonia Mts. U.S.G.S Bull. 582, pp 120 et seq.
30. Remarks
Denver Forbes, son of owner, working at present and expects to ask for \$1200 R.F.C. loan
31. If property for sale: Price, terms and address to negotiate.
32. Signature
George A. Ballam
Field Engineer
33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date

1/22/45

1. Mine *Ferbes*
2. Location *1 mile no Helveta*
3. Mining District & County *Helveta Mng Dist. Pima Co.*
4. Former name *Tip Top*
5. Owner *Albert W. Ferbes*
6. Address (Owner) *116 Washington St. Tucson*
7. Operator *Denver F. Ferbes*
8. Address (Operator) *Same*
9. President, Owing Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Men Employed
14. Principal Minerals
15. Production Rate
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present *None.*

19. Operations: Planned *Clean out 100 feet caved area in tunnel and timber & re timber about 150 feet. Is applying for small RTC loan - about \$1200*
20. Number Claims, Title, etc. *Originally 24 claims but now holding 11 by location*

21. Description: Topography & Geography *Rolling hills, western foothills of Santa Rita Range*

22. Mine Workings: Amt. & Condition *Developed by 2 tunnels lower partly accessible and about 1000 ft N+S. About 10000 ft raises, drifts, winzes etc. Main tunnel caved about 200' from portal over distance of 80'. Timber bad or lacking in this area. Raises to upper tunnel in good shape.*

23. Geology & Mineralization Ore occurs as some replacement in limestone beds in quartzite all ore seen was ridged. Beds rolling & for about 200' is in and out of tunnel level.

24. Ore: Positive & Probable, Ore Dumps, Tailings About 400-500 tons of ore averaging 2 to 4 ft in width and reportedly assaying 4 to 6% Cu. is reported to be available with little development.

24A. Dimensions and Value of Ore body

25. Mine, Mill Equipment & Flow-Sheet

House & blacksmith shop.

26. Road Conditions, Route

15 mi east of SP Station at Salsaurita. Good road recently improved by WLB.

27. Water Supply

Sufficient for mining purposes

28. Brief History

Zuplop Mng Co. organized 1902. Cap. \$1,150,000 Smelter on adjacent claim now known as Bulldozer. Asst. leased steel & mill 10,000 tons 1/2 Cu.

29. Special Problems, Reports Filed

30. Remarks

Denver Forbes son of owner working at present & expects to ask for \$1200 RHC loan

31. If property for sale: Price, terms and address to negotiate.

32. Signature.....

Gery A. Gallam

33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date January 22, 1945

- 1. Mine Forbes
- 2. Location 1 mile north Helvetia, Pima County.
- 3. Mining District & County Helvetia Mg. Dist.
Pima County
- 4. Former name Tip Top
- 5. Owner Albert W. Forbes
- 6. Address (Owner) 116 Washington St., Tucson
- 7. Operator Denver F. Forbes
- 8. Address (Operator) Same
- 9. President, Owinging Co.
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 14. Principal Minerals
- 11. Mine Supt.
- 15. Production Rate
- 12. Mill Supt.
- 16. Mill: Type & Cap.
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- 17. Power: Amt. & Type
- 18. Operations: Present None

19. Operations: Planned Clean out 100 feet caved area in tunnel and timber and retimber about 150 feet. Is applying for small R.F.C. loan - about \$1200.

20. Number Claims, Title, etc. Originally 24 claims but now holding 11 by location.

21. Description: Topography & Geography Rolling hills, western foothills of Santa Rita Range.

22. Mine Workings: Amt. & Condition Developed by 2 tunnels, lower partly accessible and about 1000 ft. N & S. About 10,000 ft. raises, drifts, winzes, etc. Main tunnel caved about 200' from portal over distance of 80'. Timber bad or lacking in this area. Raises to upper tunnel *partly open*

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Ore occurs as lime replacement in limestone beds in quartzite. All ore seen was oxidized. Bed is rolling and for about 200' is in and out of tunnel level.
24. Ore: Positive & Probable, Ore Dumps, Tailings
About 400 - 500 tons of ore averaging 2 to 4 ft. in width and reportedly assaying 4 to 6% cu. is reported to be available with little development.
- 24A. Dimensions and Value of Ore body
25. Mine, Mill Equipment & Flow-Sheet
House and blacksmith shops.
26. Road Conditions, Route
15 miles east of S.P. Station at Sahaurita. Good road recently improved by W.P.B.
27. Water Supply
Sufficient for mining purposes.
28. Brief History
Tip Top Mining Company organized 1902. Capital \$1,150,000. Smelter on adjacent claims now known as Bulldozer. A.S. & R. leased since and mined 10,000 tons 5% Cu, 1 oz. Ag.
29. Special Problems, Reports Filed
Report of C. Schroder Mineral Deposits of Santa Rita Mts. U.S. Geol. Surv. Bull. 182, pp 126 et seq
30. Remarks
Denver Forbes, son of owner, working at present and expects to ask for \$1200 R.F.C. loan
31. If property for sale: Price, terms and address to negotiate.
32. Signature.....**George A. Ballam**
Field Engineer
33. Use additional sheets if necessary.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine FORBES GROUP, Cu. Date June 19, 1943
 Formerly Tip Top Copper
District Helvetia Engineer Earl F. Hastings
Subject: Reconstruction Finance Corporation
 Mine Loan

Docket No. Phoenix C-200
Date Application Received May 21, 1943
Date of Field Examination June 15, 1943
Date of Report June 19, 1943

1. Name and address of applicant (correspondent):
 B. W. and J. W. Vinetz, 608 South Hill Street, Los Angeles, California.
2. Character of project and estimated cost thereof:
 Cu. Rehabilitation of main tunnel level and unwatering of 75 foot winze and drifts therefrom. \$5000.00.
3. Location of property:
 Helvetia Mining District, Pima County, Arizona.
4. Applicant's interest in or ownership of property:
 Applicants hold purchase agreement at \$75,000.00 payable on 10% royalty basis. Provision is made that 25 tons daily production must be made after one-year from date of agreement and until total purchase price has been paid.
5. Loan requested:
 \$5000.00.
6. Loan recommended:
 None. (Subject to 7-F following.)
7. Comments:
 - (A) Added to the docket are:
 1. The informal report in memoranda form of G. A. Ballam, Field Engineer, Department of Mineral Resources, dated June 15, 1943.
 2. Copy of letter from Department of Mineral Resources to John Parber, superintendent of the property in 1929-1930.
 3. Copy of letter from John Parber dated June 7, 1943.
 - (B) The mine has a history of appreciable production of direct shipping ore. The greatest tonnage of record was shipped prior to 1907. Operations in 1929-1930 produced some shipping ore, the volume and value of which is unknown.
 - (C) The Parber letter indicates that no shipping ore exists in the workings which were last accessible. Unmined ore of now commercial value may well exist in some of the workings which Parber could not enter.
 - (D) The Scradler report (U. S. G. S. #582, pp. 120-123) describes the ore occurrence as associated with faults or displacements and characteristically found in

irregular pockets. Old stoping limits, bounded by gradation, therefore do not offer possibilities of extension. Some exposures, then too low grade for mining consideration, might now offer stoping possibilities. This is only a matter of conjecture as no specific locations of prospective stoping areas are offered in evidence.

(E) The applicant proposes to rehabilitate workings below the main tunnel level. The only ores exploited or more than casually referred to are above the main tunnel level.

(F) The rehabilitation of all of the extensive workings in searching for mineable ores is hardly warranted. This is particularly so when two possible sources of specific information exist.

1. In 1929-1930 the owners, A. W. and D. F. Forbes, operated and shipped from the property; a relatively complete description of workings should be obtained from them. The Department of Mineral Resources is undertaking to do this.

2. The American Smelting and Refining Company optioned the property in 1907. Very little in either production or development has been accomplished since that date. It is felt that the A. S. & R. Company will have complete data on the property and that it will be applicable as a basis for current evaluation.

Pending receipt of information from either or both of these sources our recommendation is reluctantly negative on the grounds that the docketed data is not specific and the irregular nature of the deposition is such that past production cannot be used as a criterion of future possibilities within the confines of existing or immediate development.

Arizona Department of Mineral Resources

Earl F. Hastings, Projects Engineer

TIP TOP MINE

PIMA COUNTY
HELVETIA DIST.
T18S, R15E, Sec 15

USGS Bull. 582 p. 120, 25, 121, 124, 92

Gunsight Project (file)

MILS TIP TOP MINE GROUP

PA

MENT OF MINERAL RESOURCES
STATE OF ARIZONA
neral Building, Fairgrounds
PHOENIX, ARIZONA



not here

See [unclear]

*opened by
mistake*

~~Mr~~ **S**, Albert W. Forbes

~~116 Washington St.~~

Tucson, Arizona

417 N. Main

FORBES, Denver F. (Deceased Sept, 7, 1956)
~~116 Washington St.~~ 417 N. Main, (6-20-55)
Tucson, Arizona

See FORBES - re gas application

" " "

12-2-44

3-24-45

MINE: Tip Top Mine, Pima Co. Off Sahuarita-Helvetia road. Pima Co.
OWNER: Denver F. Forbes,
LESSEES & OPERATORS: Tip Top Mining Co., Box 27, Sahuarita, Ariz.
6-20-55

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 6/30/45
 Name of Mine..... Truckee
 Owner or Operator..... D. J. Truckee
 Address..... 116 Washington, Tucson
 Mine Location..... Helena, Mont.

Filing Information

File System.....
 File No.....
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
 Approx. present rate per 3 months
 Anticipated rate next 3 months
 If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>1930 Ford</u>	<u>500</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

.....

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By..... [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date 6/9/45
 Name of Mine Zitkus
 Owner or Operator Max Colgan
 Address 311 Fremont Tucson
 Mine Location Helena

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	1940 Stude	1420
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

.....

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By W. S. Ballou

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 1/12/45
Name of Mine: Zip Zap
Owner or Operator: W Crawford
Address: 311 Fremont, Tucson
Mine Location: Helvetia District

Filing Information
File System
File No.
This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)
Production; Development [checked]; Financing; Sale of mine;
Experimental (sampling); Owner's occasional trip;
Other (specify)

PRODUCTION: Past and Future. Tons
Approx. tons last 3 months
Approx. present rate per 3 months
Anticipated rate next 3 months
If in distant future check (X) here

EQUIPMENT OPERATED:
Table with columns: Type, Quantity or Horse Power, Miles or Hours Per Month, Gallons Required Per Month.
Entry: Personal Cars, 1940 Stude, 780 miles

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.
Copper

REMARKS:
Mr Crawford is sampling this mine during the next 10 days after which he will know his priority and gasoline requirements. Application recommended special as above.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By: [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 3/21/45
Name of Mine: Ferber
Owner or Operator: Dennis J. Ferber
Address: 116 Washington St, Tucson
Mine Location: Kilmucka Mng Dist - 35 mi SE Tucson

Filing Information

File System

File No.

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production; Development; Financing; Sale of mine

Experimental (sampling); Owner's occasional trip

Other (specify)

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Table with 4 columns: Type, Quantity or Horse Power, Miles or Hours Per Month, Gallons Required Per Month. Includes handwritten entry for 1930 Ford with 400 miles per month.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Handwritten: Copper

REMARKS:

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By: [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 12/2/44
Name of Mine: Forbes
Owner or Operator: Denver F Forbes
Address: 116 Washington St, Tucson
Mine Location: Helvetia

Filing Information
File System
File No.
This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production; Development [checked]; Financing; Sale of mine;
Experimental (sampling); Owner's occasional trip;
Other (specify)

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
Approx. present rate per 3 months
Anticipated rate next 3 months
If in distant future check (X) here

EQUIPMENT OPERATED:

Table with 4 columns: Type, Quantity or Horse Power, Miles or Hours Per Month, Gallons Required Per Month. Includes entry for 30 Ford A with 550 miles per month.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

Mr Forbes is doing development work on his mine

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By: George A Ballan

July 1, 1943

MEMORANDUM

Forbes Group
(Tip Top Mine)

To: Director, Dept. Mineral Resources
From: George A. Ballam

At my request Forbes communicated with Vinetz and the latter came over from Los Angeles last night; I met him this AM. He had applied for an accessibility loan, and had told me that he wished to unwater a couple of winzes. However, he now claims to have a number of faces of ore in sight, not ready to go, but apparently accessible for examination.

His application for former loan, of which I have a copy, is very sketchy and as you informed me, is in danger of being disapproved on this account.

In view of the fact that the mine can be examined, showing ore, it might be better for him to withdraw his application for accessibility loan, and apply for a mining loan. You know this property has extensive workings, and although most of them can be entered, I did not attempt to go into them on the visit I made. It would be hopeless to do anything not knowing where the applicant intended to work, or what he proposed to do in the matter.

I advised him to acquaint the Phoenix office of the RFC that he had received the wrong impression of procedure from Los Angeles, where he obtained and filled out his application, and request that he be allowed to submit an application for a mining loan. He is returning to L.A. and will take the matter up with Gohring.

Confidentially, he and his associates have a leaching process in mind, something of a secret nature which he does not want to disclose. He had expected to make the ore available for treatment by use of the small loan. He claims to be able to finance the leaching plant himself, or with his associates. Under the circumstances, I believe the department is benefitting by not being called on for a recommendation.

George A. Ballam

Forbes

1222 North 2nd Ave.
Tucson, Arizona
June 7, 1943

Mr. Earl F. Hastings
Phoenix, Arizona

Dear Mr. Hastings;

Your letter of May 29 received, and contents noted.

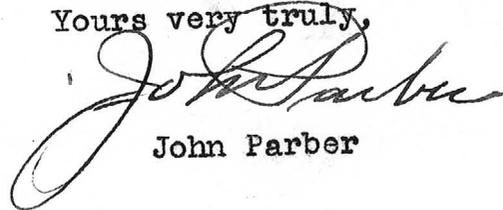
Regarding my work at the Tip Top Mine, the correct time I was in charge there was in 1929 and part of 1930. My observation of the ore there is this; that there is still a lot of ~~high~~ grade ore left in the mine. If some method of low-cost treatment can be found, a large tonnage of ore already broken down can be converted into a profit. The main outlet is a tunnel; all other workings and ore are overhead, connected with raises and shutes. Lots of these workings I could not get into. Timber has been rotted and caved in.

I believe that if the aforementioned low cost treatment can be found a lot of copper can be recovered and a nice profit made.

We stopped operations there in 1930, due to the fact that the copper market got too low for direct shipping. I hope that my description of the mine, as per your request, is satisfactory, and will give you some help in the matter.

Regarding an RFC loan on my property, I feel certain that, with a small output of money, it will be a producer in a short time.

Yours very truly,



John Parber

JP/el

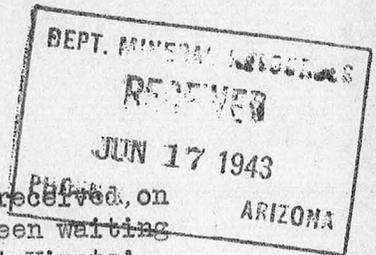
DEPT. MINERAL RESOURCES
RECEIVED
JUN 7 1943
PHOENIX, ARIZONA

June 15, 1943

MEMORANDUM

Forbes or Tip Top
(Helvetia)

To: Director, Dept. Mineral Resources
From: George A. Ballam



In reference to your memo of yesterday which I received, on my return from looking over the Forbes group, I had been waiting for Vinetz' engineer to put in his appearance - this at Vinetz' suggestion. However, he has not shown up so I tried to dig up what information I could.

The statement in their application relative to examination by a government engineer arose out of a misunderstanding, I believe. Apparently the Vinetz' Bros. thought that there was an RFC resident engineer in Tucson, or that this department was acting in such a capacity. I have made inquiries and none know of the application, nor have they been approached by Vinetz. Mr. Hedges had nothing on the property except a description in F. C. Schrader's report, U.S. G.S. Bull. 582, pp. 120 et seq. It is favorably known here by those who are familiar with the old producers, but all seem to think that it is so big, that is, so much work has been done, that more local and detailed information would be necessary to form any conclusion.

I found the tunnels open ~~as far as~~ but not to any ore. The stopes, raises, and other workings were too dangerous to enter. I did not see the winzes in question, but Forbes and his son report they are under water, as indicated in the application. There are thousands of feet of old workings, and it would be futile to attempt to appraise it at present.

However, some shipments have been made recently to Hayden of oxidized ore from the upper workings. AS&R informed me today that settlement was made on 20 tons received May 21, 1943 of copper ore running 6.69% Cu and 1.1 oz. Ag. Another lot is pending now. I also learned that some 22,000 tons of copper ore was shipped in 1904 and 1905 and that AS&R held the property under option in 1907 when some 300 tons were produced. I gather that the company rate the property as a good potential producer. Aside from the current shipments, there is no positive information available, for the remarks above were prefaced 'it is reported, etc.'

In the light of past performance and present production of good ore, it would appear that this project can be classed as one of the better risks.

George A. Ballam

May 29, 1943

Mr. John Parber
1222 North Second Avenue
Tucson, Arizona

Dear Mr. Parber:

We are reviewing your loan application on behalf of the RFC and note in your experience record that you were in charge of the Tip-Top Mines for Albert Forbes. We would appreciate very much having a description of the workings and ore exposures in the Tip-Top property as you found them in 1927-1928. Such information would be very useful if received in the immediate future.

Be assured that your loan application is receiving every consideration and that it is our earnest desire that every worthwhile prospective producer of strategic metal become an active producer.

Very truly yours,

Earl F. Hastings
Projects Engineer

EFH:kk

June 21, 1943

MEMORANDUM

Tip Top Copper
or Forbes Group

TO: George A. Ballam
FROM: Earl F. Hastings

I have your memo of June 15, 1943 and am inclined to agree with your conclusions as to this property being one of the better risks. The application will not, however, pass muster with the R.F.C. as it contains practically no specific information.

1. There is no mention of current operation.
2. No description is given of prospective working areas, extent or value of ore, although it is proposed to rehabilitate the main tunnel and unwater the 75 foot winze and workings therefrom.

It is my understanding that Forbes operated the property in 1929-1930 with John Parber as mine superintendent. Parber wrote (in reply to a letter from us) that there was some low grade ore in the mine but failed to give any specific data.

Will you contact at your earliest convenience both the Forbes and Parber and gather as much information as possible--signed statements if you can--as to the exact conditions, production, etc. of the 1929-1930 operation.

Thanks.

June 14, 1943

MEMORANDUM

\ Forbes Group
Formerly known as
, Tip Top Copper

TO: George A. Ballam

FROM: J. S. Coupal

Please refer to my memorandum of May 21 on this subject.
Review of this application is being held up due to the
lack of information.

I hope you can get it by checking with Mr. Hedges and
Mr. Wilson in Tucson and possibly Brent Rickard.

May 21, 1943

MEMORANDUM

Forbes Group
Formerly known as
Tip Top Copper

TO: George A. Ballam

FROM: Earl F. Hastings

B. Warren and J. W. Vinetz have made an RFC loan application for rehabilitating this property which is situated in the Helvetia district.

They include photostatic copies of numerous carload shipments of ore made to the El Paso Smelting Works in 1904 to 1906 and claim that considerable additional production was obtained since then. They offer no reports with their application although this shipping record and the map of the workings is indicative of a mine that is worth checking into.

In their application they make the statement that "Applicants have requested that government engineer at Tucson, Arizona make examination of said property and make a report thereof to RFC. Applicants request that reference be made thereto for further geological and engineering reports."

I presume that the applicant means the U. S. Bureau of Mines to make this examination. Would you check with Mr. Hedges and Mr. Wilson in obtaining any information possible on this property and also suggest that you ask Mr. Rickard if they have even examined it.

It is doubtful that you could do a great deal by visiting the property in the way of reporting but you might be able to chase down some information in the manner suggested. Thanks.

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Filing Information

Date..... 6/30/45

Name of Mine..... Forbes

Owner or Operator..... D. S. Forbes

Address..... 116 Washington, Tucson

Mine Location..... Helveticus Dist

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	1930 Ford	500	
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By.....

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 6/9/45
 Name of Mine..... Zitka
 Owner or Operator..... May Coleman
 Address..... 311 Fremont Tucson
 Mine Location..... Helena

Filing Information

File System.....
 File No.....
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months
 Approx. present rate per 3 months
 Anticipated rate next 3 months
 If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>1940 Stude</u>	<u>1420</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

.....

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By..... [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date: 5/12/45
 Name of Mine: 3rd Zap
 Owner or Operator: W Crawford
 Address: 311 Fremont, Tucson
 Mine Location: Helvetia District

Filing Information

File System: _____
 File No.: _____
 This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;
 Experimental (sampling).....; Owner's occasional trip.....;
 Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months: _____
 Approx. present rate per 3 months: _____
 Anticipated rate next 3 months: _____
 If in distant future check (X) here: _____

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	1940 Stude	780 miles	
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

Mr Crawford is sampling this mine during the next 10 days after which he will know his priority and gasoline requirements. Application recommended special as above.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By: [Signature]

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 3/20/45

Name of Mine..... Ferbes

Owner or Operator..... Denver F Ferbes

Address..... 116 Washington St Tucson

Mine Location..... Kilnate King Dist 35 mi SE Tucson

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	<u>1930 Ford</u>	<u>400</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

.....

.....

.....

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By George A. Ballou

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... 12/2/44
Name of Mine..... Forbes
Owner or Operator..... Denver F Forbes
Address..... 116 Washington St, Tucson
Mine Location..... Helvetia

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production.....; Development ; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

If in distant future check (X) here

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars	30 Ford A	550	
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Copper

REMARKS:

Mr Forbes is doing development work on his mine

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By.....

[Signature]

May 29, 1943

Mr. John Farber
1222 North Second Avenue
Tucson, Arizona

Dear Mr. Farber:

We are reviewing your loan application on behalf of the RFC and note in your experience record that you were in charge of the Tip-Top Mines for Albert Forbes. We would appreciate very much having a description of the workings and ore exposures in the Tip-Top property as you found them in 1927-1928. Such information would be very useful if received in the immediate future.

Be assured that your loan application is receiving every consideration and that it is our earnest desire that every worthwhile prospective producer of strategic metal become an active producer.

Very truly yours,

Earl F. Hastings
Projects Engineer

EFH:kk

June 21, 1943

MEMORANDUM

Tip Top Copper
or Forbes Group

TO: George A. Ballam
FROM: Earl F. Hastings

I have your memo of June 15, 1943 and am inclined to agree with your conclusions as to this property being one of the better risks. The application will not, however, pass muster with the R.F.C. as it contains practically no specific information.

1. There is no mention of current operation.
2. No description is given of prospective working areas, extent or value of ore, although it is proposed to rehabilitate the main tunnel and unwater the 75 foot winze and workings therefrom.

It is my understanding that Forbes operated the property in 1929-1930 with John Parber as mine superintendent. Parber wrote (in reply to a letter from us) that there was some low grade ore in the mine but failed to give any specific data.

Will you contact at your earliest convenience both the Forbes and Parber and gather as much information as possible--signed statements if you can--as to the exact conditions, production, etc. of the 1929-1930 operation.

Thanks.

June 14, 1943

MEMORANDUM

Forbes Group
Formerly known as
Tip Top Copper

TO: George A. Ballam

FROM: J. S. Coupal

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Review of this application is being held up due to the
lack of information.

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Mr. Wilson in Tucson and possibly Brent Rickard.

May 21, 1943

MEMORANDUM

Forbes Group
Formerly known as
Tip Top Copper

TO: George A. Ballam

FROM: Earl F. Hastings

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