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Arizona Department of Mines and Mineral Resources Mining Collection

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06/06/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: CHANCE MINE

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 142

LOCATION: TOWNSHIP 20 S RANGE 27 E SECTION 12 QUARTER S2
LATITUDE: N 31DEG 42MIN 06SEC LONGITUDE: W 109DEG 32MIN 30SEC
TOPO MAP NAME: SWISSHELM MOUNTAIN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
LEAD
SILVER
GOLD LODE
COPPER OXIDES
ZINC
CALCIUM LIMESTONE

BIBLIOGRAPHY:
KEITH, S.B., 1973, AZBM BULL. 187, P. 70
ADMMR CHANCE MINE FILE
AZBM BULL 158, P 30-36
LORING, W.B, U OF A THESIS, 1947

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United States Senate

COMMITTEE ON APPROPRIATIONS

DEPT. MINERAL RESOURCES
RECEIVED
NOV 10 1942
PHOENIX, ARIZONA

November 6, 1942

Mr. J. S. Coupal, Director
Arizona State Department of Mineral Resources
413 Home Builders Building
Phoenix, Arizona

My dear Mr. Coupal:

I am transmitting to you herewith a copy of a letter addressed to Senator Hayden by Mr. Norman S. Herring, Attorney at Law, 431 Tenth Street, Douglas, Arizona, and a copy of the reply just received from the Chairman of the Board of Directors of the Reconstruction Finance Corporation, all with reference to the mine loan application submitted by the Chance Mining Company, under Docket No. B-ND-4481.

This correspondence is simply for the information of the Department, and no acknowledgment is necessary.

With kindest personal regards, I am,

Yours very sincerely,

Don A. Gustin

Don A. Gustin
Secretary to Senator Hayden

GILMORE & HERRING
Attorneys at Law
431 Tenth Street
Douglas, Arizona

October 30, 1942

Honorable Carl Hayden,
United States Senate,
Washington, D. C.

In Re: Application of Chance Mining Company-
Reconstruction Finance Corporation,
Docket No. B-ND-4481.

Dear Senator Hayden:

About two months ago, Dan Taylor, a cowman whom you perhaps know, in company with J. C. Palmer and Ether Haynie of this city, made application to the Reconstruction Finance Corporation under the above docket number for a development mining loan.

I am personally familiar with this property and know that there has been about four thousand tons of lead ore shipped from it in the last two years. The mine is located in the Swisshelm Mining District northeast of Douglas and gives all the appearances of being a good small mine. The money requested is for the purpose of sinking the present shaft an extra seventy-five to one hundred feet for the purpose of contacting the known vein at the extended depth.

I know you are very busy and if you can't get to this no one will blame you, but Dan Taylor, J. C. Palmer, and Ether Haynie, besides the writer of this letter, would greatly appreciate any inquiry you could make with the RFC which would speed this loan up. Besides that, this is a lead mine and apparently the country needs lead.

Very truly yours,

(signed)

NORMAN S. HERRING.

RECONSTRUCTION FINANCE CORPORATION

WASHINGTON

November 4, 1942

Honorable Carl Hayden,
Senate Office Building,
Washington, D. C.

My dear Senator Hayden:

I am in receipt of your letter of November 3, 1942, asking advice as to the present status of the Chance Mining Company application. You enclosed a letter, dated October 20th, addressed to you by Mr. Norman S. Herring, of Douglas, Arizona, on the same subject, which letter I am returning herewith.

On October 28th, Mr. J. C. Palmer, one of the principals, was advised by our Mining Section that a field examination had been authorized to be made by Mr. W. B. Gohring, our Supervising Engineer at Phoenix.

This same advice carried appropriate instructions, and progress on the application will await the report by Mr. Gohring.

With kind personal regards,

Sincerely yours,

(signed)

Charles B. Henderson

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date 3/30/45

Name of Mine Johnnie No 1, 2, 3 & 4

Owner or Operator Bryant Hydron & Fraker

Address 855 14th St Douglas

Mine Location Pinnacles Mining Dist

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) Off-highway

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			
Light or Service Trucks			
Ore Hauling Trucks			
Compressors	90	240 hrs	1000 gal
Other Mine or Mill Eqpt. Hoist	25	200	400

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Lead copper

REMARKS:

These operators have taken over the Brown-Thorn lease on this property and are developing it by sinking shaft & drifting

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By George A. Ballon

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date 3/20/45

Name of Mine Chance 1, 2, 3, 4

Owner or Operator Bryant Ryffel & Sparks

Address 555 94 2 Off Douglas

Mine Location Bonnie Lou Mag Dist

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) Truck - 807

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~~ 3 Mo
Personal Cars			
Light or Service Trucks	Ford K-8 PU	600	120 gal/qtr
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Lead copper

REMARKS: These operators have taken over the Bonnie Mica lease on the property and are developing it by sinking shafts & drifting

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By Rose A Sullivan

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date 3/30/45

Name of Mine Chance 1, 2, 3, 4

Owner or Operator Bryant, Ruffton & Drake

Address 855 W. Ft. Douglas

Mine Location Superstition Mag Dist

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) Passenger Car

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	Chrysler	1040	
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Lead Copper

REMARKS: These operators have taken over the Brown-Macia lease on this property and are developing it by sinking shaft and drifting

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By George A. Fulton

Mining Record
Pay Dirt
Bisbee Review

REFERENCES:

see Book III - A.L. Flagg vanadium reports
VIII - " " " "

See: ABM # 158 p. 34

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date APRIL 15, 1974

1. Mine: CHANCE

2. Location: Sec. 12 Twp. 20S Range 27E Nearest Town ELFRIDA Distance 10 MILES Road 22 miles
   Direction WESTERLY Nearest R.R. DOUGLAS, ARIZ. Distance 37 MILES
   Road Conditions GOOD DIRT AND BLACKTOP, 5 MILES CANYON ROAD, POOR

3. Mining District and County: SWISS HELM COCHISE

4. Former Name of Mine: ONE TIME, JAKE SHEARER, MINE

5. Owner: Dan Huckins & J Rydbom
   Address: RYDBOM P.O. Box 137, ELFRIDA, ARIZ. HUCKINS 1811 W. GARDNER TUCSON

6. Operator: Not in OPERATION AT PRESENT TIME
   Address:

7. Principal Minerals: LEAD, SILVER & GOLD, ZINC, COPPER

8. Number of Claims: Lode 5 Patented Unpatented 5
   Placer Patented Unpatented

9. Type of Surrounding Terrain: RUGGED MTS OF A TILTED BLOCK TYPE

10. Geology and Mineralization: LIMESTONE FORMATION WITH ANDESITE INTRUSIVES. HYDROTHERMAL DEPOSIT

11. Dimension and Value of Ore Body: UNKNOWN

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective leasors or buyers.

(over)

12. Ore "Blocked Out" or "In S[illegible] SOME ORE BLOCKED O[illegible] SOME ORE IN SIGHT SOME ORE INDICATED BY GEOPHYSICS, SOME ARE DEVELOPED BY CORE DRILLING, IN IRREGULAR LIMESTONE DEPOSITS

Ore Probable: CHANCE FOR SEVERAL THOUSAND TONS OF GOOD GRADE ORE, ON THE BOTTOM LEVEL OF MINE, ABOVE THE ANDASITE BEDING AND UP INTO THE LIMESTONE

13. Mine Workings—Amount and Condition:

	No.	Feet	Condition
Shafts	~~2~~ 3	435	CAVED IN ONE SHAFT PARTLY RECLAIMED
Raises	9	65	UNDER WATER, PROBABLY IN FAIR CONDITION
Tunnels	NONE		
Crosscuts			
Stopes	SEVERAL	HAVE NO MEASUREMENTS, FLAT LYING STOPES, SAME BACK FILLED	

14. Water Supply: BOTTOM LEVEL AND MOST OF WORKINGS UNDER WATER NORMALLY THE MINE WILL PRODUCE TOTAL THOUSAND GALLONS PER DAY

15. Brief History: IN 1945 J.F. RYDBOM, AND PARTNERS, OPERATING UNDER A LEASE & OPTION AGREEMENT, AND UNDER THE NAME OF CHANCE MINING COMPANY, SANK THE SHAFT INTO THE ORE ZONE AND PRODUCED SOME 6,000 TONS OF ORE AVERAGING ABOUT 17% PB 8 OZ SILVER AND A FEW DOLLARS IN GOLD THE BEST CAR LOAD LOT IN GOLD VALUES WAS 47 GOLD THERE WAS SOME SMALL PRODUCTION FROM SHALLOW WORKINGS BEFORE 1945 OF WHICH I HAVE NO RECORD

16. Remarks: THOUGH THE MINING TO THIS DATE HAS BEEN CONFINED TO THE TOPSIDE OF THE ANDASITE AND INTO THE UPPER LIME-STONE, I BELIVE THE BIG PRIMARY DEPOSITS WILL BE FOUND BELOW THE ANDASITE

~~NEGOTIATING~~

17. If Property for Sale, List Approximate Price and Terms: WE ARE PRESENTLY NEGOTIATING A LEASE OPTION AGREEMENT

18. Signature: J.F. Rydbom

P.O. Box 137 ELFRIDA, ARIZONA 85610

CHANCE MINE COCHISE COUNTY

Mine visit - Chance Mine. GWI WR 4-12-71

Mine visit - Chance Mine. GWI WR 6-7-71

Mine visit - Chance mine. No activity. GWI WR 10/5/71

Mine visit. Chance mine, Swisshelm Mts. Talked with Mr. Rydbom the owner. He reports no mining activity in the area. GWI WR 9/14/72

Mine visit. Chance mine. Mr. Rydbom, nothing but assessment work done during past year. GWI WR 12/13/72

Phone Call to Hillard Grim, Kansas Settlement, reported to have a lease and option on the Chance Mine; Larry Stewart is a partner and they plan to build a mill in the Sulphur Springs Valley; plans tenative. GI WR 4-23-74

A... NA DEPARTMENT OF MINER... ESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: J. F. Rydbom

   Address: Box 137 Elfrida

2. Mine: CHANCE 3. No. of Claims - Patented ____

   Unpatented 4

4. Location: Swisshelm Mts east of Elfrida

5. Sec 12 Tp 20S Range 27E 6. Mining District Swisshelm

7. Owner: Dan Huckins and J. Rydbom

8. Address: ____

9. Operating Co.: ____

10. Address: ____

11. President: ____ 12. Gen. Mgr.: ____

13. Principal Metals: ____ 14. No. Employed: 0

15. Mill, Type & Capacity: ____

16. Present Operations: (a) Down ☐ (b) Assessment work ☒ (c) Exploration ☐
    (d) Production ☐ (e) Rate ____ tpd.

17. New Work Planned: ____

18. Miscl. Notes The Chance Shaft is 230' deep with levels at 160 and 220 ft.
    The 160 level connects with the Scribner

Mine Visit - Chance Mine - no activity. GWI WR 12/5/70

Date: 4-8-70

(Signature) (Field Engineer)

CHANCE MINE COCHISE COUNTY

Mine Visit to Chance Mine - Mrs. Rydbom. No activity at present time.
GWI WR 1/7/68

Visited Chance Mine, doing assessment work only.

GWI WR 5/18/68

Visited Chance mine - Mr. Rydbom at property. GWI WR 11-16-68

A[illegible]A DEPARTMENT OF MINER[illegible]SOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: J. F. Rydbom

   Address: Box 137 Elfrida

2. Mine: Chance 3. No. of Claims - Patented

   Unpatented

4. Location: Swisshelm Mts. Swisshelm quadrangle

5. Sec 12 Tp 20S Range 27E 6. Mining District Swisshelm

7. Owner: J. F. Rydbom and Dan Huckins.

8. Address: as above and 1137A E. Seneca, Tucson

9. Operating Co.: Chance Corporation, a division of Joplin Industries (Possibly)

10. Address: 457 A Washington S. E. Albuquerque, N. M. 87108

11. President: J. V. Reynolds. or Mr. Hall 12. Gen. Mgr.: Vernon Davis

13. Principal Metals: Pb. Zn 14. No. Employed: 0

15. Mill, Type & Capacity: 0

16. Present Operations: (a) Down ☒ (b) Assessment work ☐ (c) Exploration ☐
    (d) Production ☐ (e) Rate tpd.

17. New Work Planned: The 220 Chance shaft has been retimbered down about 100'

    Hale Tognoni 411 N. Central Phoenix is the Stat. Agent.

    Note: Mr. Reynolds address is 4105 Avenida La Resolana N. E. Albuquerque

18. Miscl. Notes: After above work was completed, the Co. asked Mr. Rydbom and Huckins to agree to a development loan, and they refused. At present the Chance Corp. is paying monthly rent, with a big yearly payment due in about 3 months.

Information from Engineers visit to property 4/5/67

Telephone conversation with Huckins 5/12/67

Date: 5/12/67

G. W. Dunn
(Signature) (Field Engineer)

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine CHANCE MINE Date September 22, 1966

District SWISSHELM, COCHISE COUNTY Engineer G. W. IRVIN

Subject: Field Engineers Report. All information from Mr. J. F. Rydbom. Visit on above date.

MINE LOCATION - Sections 12 & 13, T20S, R27E

OWNER - J. F. Rydbom, Box 137, Elfrida, Arizona

PRINCIPAL MINERALS - Lead, Silver, Gold.

PRESENT MINING ACTIVITY - None

GEOLOGY - Replacement ore bodies in limestones.

FUTURE PLANS - Mr. Rydbom reports that a company based in Albuquerque, New Mexico is working on a deal with him. That it would not reveal the name of the company until the deal is completed.

RECEIVED

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine: Chance Mine Date: June 12, 1958

District: Swisshelm Mining District, Cochise Co. Engineer: Axel L. Johnson

Subject: Field Engineer's Report. Information from J. F. Rydbom

Location: In the Swisshelm Mts.

Owner: J. F. Rydbom, Box 137, Elfrida, Arizona

Principal Minerals: Lead, Silver, Gold

Present Mining Activity: Idle

Geology: Limestone replacements, near contact with andesite.

REFERENCES: see V-III A.L. Flagg vanadium reports

CHANCE MINE

COCHISE COUNTY
SWISSHELM DIST.

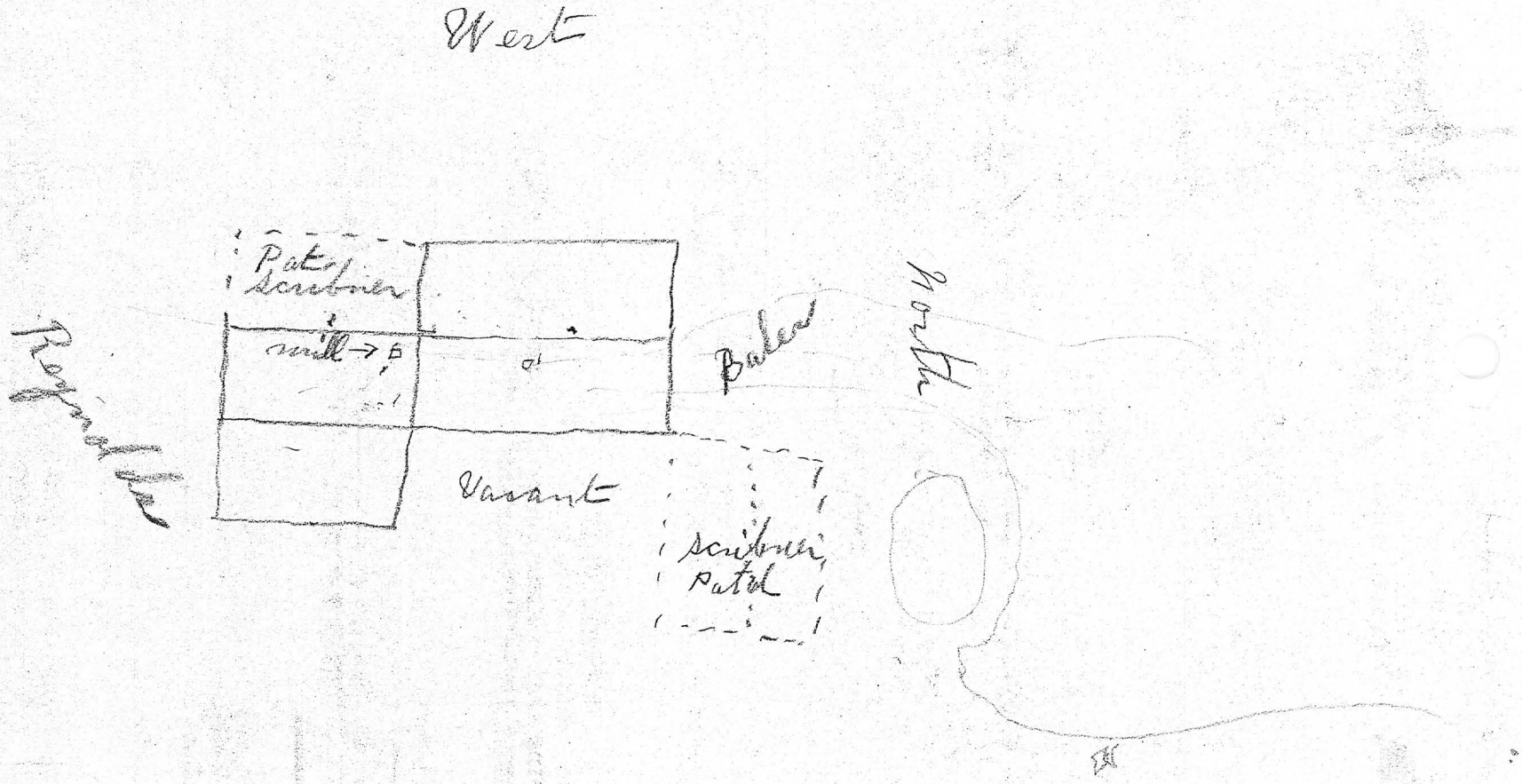
American Exploration & mining Co. dropped their drilling at Knondyke and also at CHANCE MINE at Swisshelm - according to Axel L. Johnson.

5-14-57

NAME OF MINE: CHANCE
OWNER:

COUNTY: Cochise
DISTRICT:
METALS: Pb,Cu

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	
8/46	Rydbom & Fralie, 855 - 14th St., Douglas	8/46	Shipping
2/47	Joe Rydbom, E. Bryant, Elmer Rydbom, Box 27, Elfrida		


West
Pat Scribner
mill
Baker
North
Vacant
Scribner Patch

CHANCE MINE COCHISE

I drove to the Swisshelm Mts. and examined the Chance mine. There has been no recent activity in this area. VBD WR 1/27/76

Mine visit - Chance mine. No activity in the district at present. GWI WR 10/8/76

MG WR 8/28/81: The Chance mine (Cochise Co. - Swisshelm Mountains) is owned by Daniel Huckins, 1811 W. Gardner Lane, Tucson AZ 85705; phone 888-7958. Mr. J. F. Rydbom, the other owner, died in October 1980. Mr. Huckins reports the mine was shut down primarily due to litigation. He says ore is still available but no reserve has been defined. In general the mineralization will run about 12% Pb and 10-12 oz Ag. with some zinc and gold. In 1949, the Anaconda Company drilled 7 to 9 holes and Rybdom drilled 13 holes. Beaver Exploration subsidiary of Hudson Bay drilled 4 holes during the late 1970's.

CJH WR 9/17/82: Visitor: helped Eddie Martin, Deputy Mine Inspector, Tucson, located the Chance Mine, Swisshelm District, Cochise County, Sec. 12, T20S R27E. He reported that Phelps Dodge is looking at this property. Three men are being employed.

CHANCE MINE COCHISE

The Chance mine has been optioned by owner to a small group from Kansas settlement. It has been reported that they are repairing the main shaft. GWI AR 73-74

Mine visit at the Chance mine in the Swisshelms. Hillard Grim and Larry Stewart, Rt. 3, Box 57A, Willcox (Kansas Settlement) are opening mine, have 4 employees. Now dewatered to bottom level 225' and are repairing shaft. Other level at 150'. They also have leased the Scribner mine adjoining the Chance. Field interview with F.J. Rydbom, Box 137, Elfrida, part owner of the chance and March mines at his mine home in the Swisshelms. GWI WR 11/26/74

I drove to Tombstone area where I examined the operation commencing on the Chance claim by Resources International Inc. whose property adjoins the State of Maine operation on the south. Resources International has tested the water source in the Chance shaft and dug a 700,000 gallon dirt tank. VBD WR 12/19/74

International Resources, Inc. has completed sealing of their fresh water reservoir on the old Chance Mine near Tombstone. VBD WR 1/20/75



Miner, March, 1975

Western Prospector & Miner, March, 1975

Mine visit at Chance Mine; no one around. GWI WR 3/19/75

CHANCE MINE COCHISE

I drove to Tombstone where I visited the Internation Resources Inc. operations. VBD WR 5/13/75

Tom Colvin and his business associate, W.W. Grace, formed the Silver Ventures Mining Co. some time ago. Grace is a real estate dealer in Scottsdale. Their properties in the Tombstone area including the Chance patented claim, state lease lands and the Amy claims were leased to Larry Higbee and his Resources International group. Colvin advised that all leases and options to this group have been cancelled. He said that a Houston-based company with operating open pit mines in California, Nevada and Arizona had tentatively agreed to a lease-option on the property. He declined to name the company saying that a joint news release would be made next week. He did say that the new operator had agreed to assume all the debts and obligations of Higbee's operations. VBD WR 8/7/75



Western Prospector & Miner 10/75

Sierra Minerals Management is said to be placing machinery and equipment in Larry Higbee's mining operation at Tombstone. VBD WR 12/1/75

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA

MINE OWNER'S REPORT

Date June 1, 1939

1. Mine Chance Mine

2. Location Southern District, T ucson

3. Mining District & County Cochise Co.

4. Former name Jake-Scheerer Property

5. Owner D. H. Taylor (Ralph Schuphach)

6. Address (Owner)

7. Operator D. H. Taylor

8. Address (Operator) Elfrida, Arizona

9. President, Owning Co.

9A. President, Operating Co.

10. Gen. Mgr.

11. Mine Supt.

12. Mill Supt.

13. Men Employed

14. Principal Minerals Lead, silver, gold, vanadium, molybdenum

15. Production Rate Intermittent

16. Mill: Type & Cap. Concentrating, one table 1 ton per hour

17. Power: Amt. & Type Gasoline, 25 hp, 14 hp

18. Operations: Present Not working

19. Operations: Planned Finance for regular operation

20. Number Claims, Title, etc. Four (4) unpatented lode claims, name Chance Nos. 1,2,3,&4 Adjacent to Scribner lode claims, patented.

21. Description: Topography & Geography Gulch in north end Swisshelm mountains. Easily accessible.

22. Mine Workings: Amt. & Condition Total major workings mo e than 1,000 feet consisting of 2 vertical shafts 140 ft. each, 1 vertical shaft 100 ft. 1 vertical shaft 40 ft. 1 incline connection 245 ft. 1 vertical shaft 20 ft. with drift 30 ft. (developing) and many minor workings. Practically all workings are accessible and in good condition. One of the 140 ft. shafts is used for water.

Geology & Mineralization — Limestone and porphyry. Ore develops between porphyry and limestone (contact). Minerals are all oxidized and no sulphides have shown up at the depth developed, i. e., 140 ft.

Ore: Positive & Probable, Ore Dumps, Tailings — Positive ore is vanadium (lead Vanadate) in working near mill. Ore in mine and on dumps at the mill estimated at 3,000 tons 2% V_2O_5. Lead-silver ore in 140 ft. shaft (high-grade ore). No tonnage blocked but faces exposed in several places.

Dimensions and Value of Ore body

Mine, Mill Equipment & Flow-Sheet — Hand drilling equipment only. Mill equipment consists of power, 4 gasoline engines, 25 hp., 14 hp, 6 hp, 2½ hp. Hoist powered by 8 hp gasoline. Other mill equipment: Crusher, rolls, screen, table, coarse ore bin, fine ore bin, elevator, 3 water tanks, pipe line, 1500 ft. track, 3 mine cars.

Road Conditions, Route — Reached from highway turning east 6 miles north from Elfrida. Graded road (Rucker Canyon) for 12.5 miles, then turn south and go 4.5 miles to mine. Road has been dragged to within 3/4 mile of the mine, and is in fair condition.

Water Supply — Water is from a 140 ft. shaft on edge of gulch. Made plenty of water for mill. Probably not sufficient for big operation, but furnished water to run the 50 ton plant at the Great American mine.

Brief History — Located for about 40 years, and known by present owner for over thirty years. Developed by various interests from time to time, the largest operation being the Colford Copper Co. Some 28 years ago. Put in steam hoist. Shipped lead-silver ore and tried to mill vanadium ore.

Special Problems, Reports Filed — The owner is a cattleman who got into the operation through backing party presumed to understand mining and milling. All available funds were spent in constructing and reconstructing the mill, and now no working capital. Mill is considered O.K. except rolls are small.

Remarks — Owner would sell property outright or on lease and bond with small cash payment. Would take a partner who had captial to do necessary things to put into operation.

If property for sale: Price, terms and address to negotiate. Price on lease and bond $40,000, royalty 10% to apply on purchase price. Will give plenty of time to reliable party able to put property in production on fair size operation.

32. Signature (Signed) D. H. Taylor

Box 386
Douglas, Arizona

If additional sheets are used, check here ☐

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine: American Exploration Co. Operations near Klondyke, Ariz. Date: April 4, 1957

District: Aravaipa District, Graham Co. Engineer: Axel Ik. Johnson

Subject: Field Engineers Report. Information from Mr. Childress, Geologist.

Location: About 5 miles north of Klondyke on left side of the road going from Klondyke to Aravaipa. Near an orange colored cliff.

Owner or Lessee: American Exploration Co., 505 E. Grant Road, Tucson, Ariz.
Allan Horton, Manager.
Mr. Childress, Geologist in charge of operations.
McClintock Diamond Drilling Co. drillers.

Present Mining Activity: Exploration.
McClintock Drilling Co., Globe, Ariz. is diamond drilling the property. First drill hole is now being put down. No information on the Geology of the formation was obtained. Field engineer will contact the Tucson office later and try to get more information on this project.

Remarks: Mr. Childress informed me that the American Exploration Co. has also taken a lease on the Chance Mine, located in the Swisshelm Mts. from the owner, J. F. Rydbom.

Additional Remarks: Mr. Childress also informed me that the American Exploration Co. had determined the rock formation onm the Copper Hill and Javelina Groups of claims, located 6 miles south of Winkelman and owned by Leslie M. Wood, Claude C. Owensby and Allan Bobbitt, to be monzonite porphyry. He stated that he thought it was a good prospect, but that the manager of the company, Mr. Horton, thought the deposit too small.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine CHANCE Date 3-14-67

District Swisshelm, Cochise County Engineer G. W. Irvin

Subject: Mine visit, information from Mr, J. F. Rydbom

References: See previous reports.

Owner: Mr. J. F. Rydbom, Box 137, Elfrida 85610

Operator: Chance Corporation, a division of Joplin Industries formed to operate this and adjoining mines.

Officers: Mr. Dick Hall prsident, and Mr. Jim Reynolds in cahrge.

Present operations: A headframe (Steel) and other equipment has been installed. The vertical shaft has been retimbered about 70'. However operations are now suspneded

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Conrad Appledorn, 701 S. 18th Street, Artesia, New Mexico, whose group has the Chance Mine in the Swisshelm area, wants a mill to treat lead-zinc ore. He would rent one if such is available. Mills at the Johnson Camp or Athletic's Mill near Klondyke were suggested.

LAS WR 3/31/67

AR[illegible] A DEPARTMENT OF MINERA[illegible] OURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Visit
   Address: ~~Scott~~s.
2. Mine: Chance 3. No. of Claims - Patented
   Unpatented yes
4. Location: Swisshelm Mts
5. Sec 12 Tp 20S Range 27E 6. Mining District Swisshelm
7. Owner: J.F. Rylsom & Dan Hutchins
8. Address:
9. Operating Co.: none
10. Address:
11. President: 12. Gen. Mgr.:
13. Principal Metals: 14. No. Employed:
15. Mill, Type & Capacity:
16. Present Operations: (a) Down ☐ (b) Assessment work ☒ (c) Exploration ☐
    (d) Production ☐ (e) Rate tpd.
17. New Work Planned:
18. Miscl. Notes:

Date: 10-8-69

(Signature) (Field Engineer)

MC-5

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

Date June 1, 1939

Mine Chance Mine

2. Location Southern Dist., Tucson, Arizona

Mining District & County Cochise Co.
Swisshelm Dist.

Former name Jake-Scheerer Property

Owner D. H. Taylor (Ralph Schupbach)

6. Address (Owner)

Operator D. H. Taylor

8. Address (Operator) Elfrida, Arizona

President, Owning Co.

9A. President, Operating Co.

Gen. Mgr.

14. Principal Minerals lead, silver, gold, vanadium molybdenum

Mine Supt.

15. Production Rate Intermittent

Mill Supt.

16. Mill: Type & Cap. Concentrating, one table 1 ton per hour

Men Employed

17. Power: Amt. & Type Gasoline, 25HP, 14HP

Operations: Present Not working

CHANCE MINE

Pb, Ag, Au

Cochise 2 - 3 T 19 S

Operations: Planned Finance for regula

D. H. Taylor, ~~Elfrida~~ unclaimed 6-10-46 '39

Number Claims, Title, etc. Four (4) unpatented lode claims, names Chance Nos. 1,2,3,&4 Adjacent to Scribner lode claims, patented.

Description: Topography & Geography Gulch in north and Swisshelm mountains. Easily accessible.

Mine Workings: Amt. & Condition Total major workings more than 1,000 ft. consisting of 2 vertical shafts 140 ft. each, 1 vertical shaft 100 ft., 1 vertical shaft 40 ft. 1 incline connection 245 ft. 1 vertical shaft 20 ft. with drift 30 ft. (developing) and many minor workings. Practically all workings are accessible and in good condition. One of the 140 ft. shafts is used for water.

Geology & Mineralization

Limestone and porphyry. Ore develops between porphyry and limestone (contact). Minerals are all oxidized and no sulphides have shown up at the depth developed, i.e., 140 ft.

Ore: Positive & Probable, Ore Dumps, Tailings

Positive ore in vanadium (lead Vanadate) in working near mill. Ore in mine and on dumps at the mill estimated at 3,000 tons 2% V_2O_5. Lead-silver ore in 140 ft. shaft (high grade ore).

Dimensions and Value of Ore body

No tonnage blocked but faces exposed in several places.

Mine, Mill Equipment & Flow-Sheet

Hand drilling equipment only. Mill equipment consists of power, 4 gasoline engines, 25 H. P., 14 H. P., 6 H. P, 2½ H. P. Hoist powered by 8 H. P. gasoline. Other mill equipment: Crusher, rolls, screen, table, coarse ore bin, fine ore bin, elevator, 3 water tanks, pipe line, 1500 ft. track, 3 mine cars.

Road Conditions, Route

Reached from highway turning east 6 miles north from Afrida. Graded road (Rucker Canyon) for 12.5 miles, then turn south and go 4.5 miles to mine. Road has been dragged to within 3/4 mile of the mine, and is in fair condtion.

Water Supply

Water is from a 140 ft. shaft on edge of gulch. Made plenty of water for mill. Probably not sufficient for big operation, but furnished water to run the 30 ton plant at the Great American mine.

Brief History

Located for about 40 years, and known by present owner for over thirty years. Developed by various interests from time to time, the largest operation being the Colford Copper Co. some 28 years ago. Put in steam hoist. Shipped lead-silver ore and tried to mill vanadium ore.

Special Problems, Reports Filed

The owner is a cattleman who got into the operation through backing a party presumed to understand mining and milling. All available funds were spent in constructing and reconstructing the mill, and now no working capital. Mill is sonsidered O.K. except rolls are small.

Remarks

Owner would sell property outright or on lease and bond with small cash payment. Would take a partner who had capital to do necessary things to put into operation.

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

Price on lease and bond $40,000, royalty 10% to apply on purchase price. Will give plenty of time to reliable party able to put property in production on fair size operation.

32. Signature (Signed) D. H. Taylor

Box 386
Douglas, Arizona

Use additional sheets if necessary.

Geology & Mineralization — Limestone and porphyry . Ore develops between porphyry and limestone(contact). Minerals are all oxidized and no sulphides have shown up at the depth developed, ie 140 ft.

Ore: Positive & Probable, Ore Dumps, Tailings — Positive ore is Vanadium (Lead Vanadate) in working near mill. Ore in mine and on dumps at the mill estimated at 5,000 tons 2% V_2O_5. Lead-silver ore in 140 ft shaft (high grade ore). No tonnage blocked but faces exposed in several places.

Mine, Mill Equipment & Flow Sheet — Hand drilling equipment only. Mill equipment consists of Power, 4 gasoline engines, 25 hp, 14 hp, 6 hp, 2½ hp. Hoist powered by 8 hp gasoline .
Other mill equipment: Crusher, rolls, screen, table , coarse ore bin, fine ore bin, elevator , 3 water tanks, pipe line, 1500 ft track, 3 mine cars.

Road Conditions, Route — Reached from highway turning east 6 miles north from Elfrida. Graded road (Rucker Canyon) for 12.5 miles, then turn south and go 4.5 miles to mine. Road has been dragged to within 3/4 mile of the mine, and is in fair condition.

Water Supply — Water is from a 140 ft shaft on edge of gulch. Made plenty of water for mill. Probably not sufficient for big operation, but furnished water to run the 50 ton plant at the Great American mine.

Brief History — Located for about 40 years, and known by present owner for over thirty years. Developed by various interests from time to time, the largest operation being the Colford Copper Co some 20 years ago. Put in steam hoist. Shipped lead-silver ore and tried to mill vanadium ore.

Special Problems, Reports Filed — The owner is a cattleman who got into the operation thru backing a party presumed to understand mining and milling. All available funds were spent in constructing and reconstructing the mill, and now no working capital . Mill is considered O. K. except rolls are small.

Remarks — Owner would sell property outright or on lease and bond with small cash payment. Would take a partner who had capital to do necessary things to put into operation.

If property for sale: Price, terms and address to negotiate.
Price on lease and bond $40,000 , royalty 10% to apply on purchase price. Will give plenty of time to reliable party able to put property in production on fair size operation.

Signed W H Taylor

Address Box 386, Douglas, Arizona.

Use additional sheets if necessary. Separate sheets on each problem.

SUMMARY REPORT OF MINERALS EXAMINATION

Tombstone District

State Arizona County Cochise Mineral Products Silver-gold

Name of property or deposit Chance (Ethel's Folly)

Date examined 12/19/74 Engineer V.B. Dale Date of this report 12/26/74

Reason for examination Initial visit

Engineer accompanied by No one Address

Extent of property Approx. 2000 Acres of State & Federal lands including 30 Acres of patented lands.

Owner Unknown Address

Leased or optioned to ~~International Resources Inc~~ Resources International, Inc. Address Tombstone, Ariz.

Location of property (be specific) Secs. 16, 17, 19 & 21, T. 20S R22E., and other undescribed lands

Type of deposit and mineralogy (brief description) Fissures near contact of Cretaceous Bisbee group and Tertiary Uncle Sam Porphyry. Native silver, gold, cerargyrite & tellunde are principal minerals.

Known dimensions of the deposit Unknown

Length Width Depth

Attitude of the deposit (strike, dip, etc.) Unknown

Possible extensions; correlation of known showings This property adjoins holdings of Sierra Minerals at State of Maine operations.

Mine workings (brief description or attach map or sketch) (indicate whether accessable)

Unknown, but extensive.

(over)

Mining milling equipment on property Well, pump and estimated 700,000 gal. dirt tank

Past production (if any) A.B.M. Bull. 187, P. 74 shows 140 tons of ore in 1935, but there appears to be considerably more.

Present rate of production (if any) None.

Sampling (describe briefly, or attach sketch) Dumps have been sampled. Results unknown, but apparently favorable -

Tentative Estimate of Reserves
(Subject to revision when assays are received or after engineering calculations)

Measurable Unknown tons Grade

Indicated ✓ tons Grade

Inferred ✓ tons Grade

Mining method (actual or suggested) Dumps will be processed first while underground workings are opened.

Milling or processing method (actual or suggested) Cyanidation - heap leach.

Processing tests suggested None

Tentative conclusion and decision Mountain States Engineers are doing the testing & engineering and this appears to be a legitimate operation. A recent article

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

In Metals Week? reads that W.R. Grace & Co. is bringing into production a silver property that adjoins Sierra Minerals holdings. This may be the property. Manager Larry Higbee stated that he would cooperate wholeheartedly with this department when ~~the~~ actual production was attained. Until then, he said he wanted complete confidentiality. He said this operation would be the first heap leach - cyanidation of silver ores in the U.S. Hence, I did not push him for details. Three employees at mine.

#13

SUMMARY REPORT OF MINER EXAMINATION

Tombstone District

State Ariz. County Cochise Mineral Products gold & silver

Name of property or deposit Clauce and St. Joseph

Date examined 5/13/75 Engineer V. B. Dale Date of this report 5/23/75

Reason for examination To observe progress in mining & leaching

Engineer accompanied by No one Address

Present of property Rex Larry Hughes approx. 2000 acres of state & federal lands including 80 acres of patented lands

Owner Unknown Address

Leased or optioned to International Resources, Inc. Address Tombstone, Arizona

Location of property (be specific) Secs. 16, 17, 19 & 21, T. 20 S., R. 22 E. and other undescribed lands.

Type of deposit and mineralogy (brief description) Fissures near contact of Cretaceous Bisbee group and Tertiary quartz Latite Porphyry. Native silver, gold, cerargyrite & telluride are principal minerals.

Known dimensions of the deposit Length ± 1000' Width ± 4 feet Depth ± 200 feet

Attitude of the deposit (strike, dip, etc.) N 60 - 70° W & dips flat 50 - 55° northeast.

Possible extensions; correlation of known showings

Mine workings (brief description or attach map or sketch) (indicate whether accessable)

several shafts from 40 to over 200'. The St. Joseph shaft has been cleaned and retimbered to about 180 feet.

(over)

There are some high grade lenses in the so-called St. Joseph's shaft and rather extensive workings. Assays to 5 ounces gold have been obtained. Drifting is being done on the 200 level.

Mining and milling equipment on property Solution tanks and precipitation plant for pad leaching. Pilot test not successful. ~~Mine~~ Shaft has headframe with hoist, compressor, tools etc.

Past production (if any) Unknown

Present rate of production (if any)

Sampling (describe briefly, or attach sketch)

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable tons Grade

Indicated tons Grade

Inferred tons Grade

Mining method (actual or suggested) Underground

Milling or processing method (actual or suggested) Pad leaching with Cyanide -

Processing tests suggested

Tentative conclusion and decision

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

The first test run was unsuccessful for two reasons: (1) Solutions were lost (about 60% loss) and reseeding of ponds and pads is being done. Apparently precipitation of Au and Ag from solutions was unsuccessful because new filter and precipitation devices were being installed.