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05/06/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: COLE TUNGSTEN GROUP

ALTERNATE NAMES:

OLD SWEDE
FALCON MINE
TOP OF THE WORLD

PINAL COUNTY MILS NUMBER: 119A

LOCATION: TOWNSHIP 1 S RANGE 13 E SECTION 12 QUARTER NE
LATITUDE: N 33DEG 21MIN 42SEC LONGITUDE: W 110DEG 59MIN 26SEC
TOPO MAP NAME: PINAL RANCH - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN
COPPER

BIBLIOGRAPHY:

DALE, V.B., TUNGSTEN DEPTS. OF YUMA, MARICOPA
PINAL AND GRAHAM COUNTIES, AZ., USBM RI 5516
1959, P. 44-
ADMMR U FILE PINAL W-9
PETERSON, N.P., GEOLOGY OF THE PINAL RANCH
QUAD, USGS BULL. 1141-H, 1963, P. H15-16
ADMMR FALCON MINES FILE
PROD. IS VERY SMALL, DALE, V.B. RI 5516

Arizona Department of Mines and Mineral Resources

INFORMATION FROM MINE CARDS IN MUSEUM

ARIZONA

PINAL CO.

K 458 Wolframite

K 457 Scheelite

Pioneer District

Falcon Mine

MILS # 119A

3-AKA

Falcon mine (file)

Arizona Department of Mines and Mineral Resources

INFORMATION FROM MINE CARDS IN MUSEUM

PINAL COUNTY

TOP OF THE WORLD MINE

MM 5667 Orthoclase-Feldspar Crystal

MM 5677 Orthoclase-Feldspar Crystal

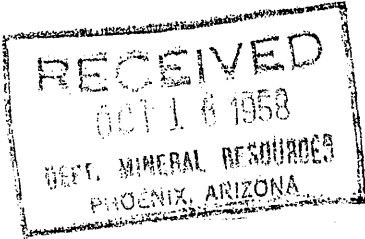
5678 Orthoclase-Feldspar Crystal

MILS # 119A

3-AAA

Cole Tursten group

TIS R 13E Sec. 12



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

September 29, 1958

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

Falcon Mines (Pinal County) tungsten
(Property) (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

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

We believe this property has ^{not} been worked for ten years. R. Q. Keller is deceased.

*Ch Keller
1543 W. Carpenter Ave.
St Paul, 13, Minn.*

NAME OF MINE; **FALCON**

COUNTY: PINAL S
DISTRICT: ~~DRIPPING SPRINGS~~
METALS: PB, W

OPERATOR AND ADDRESS:

MINE STATUS

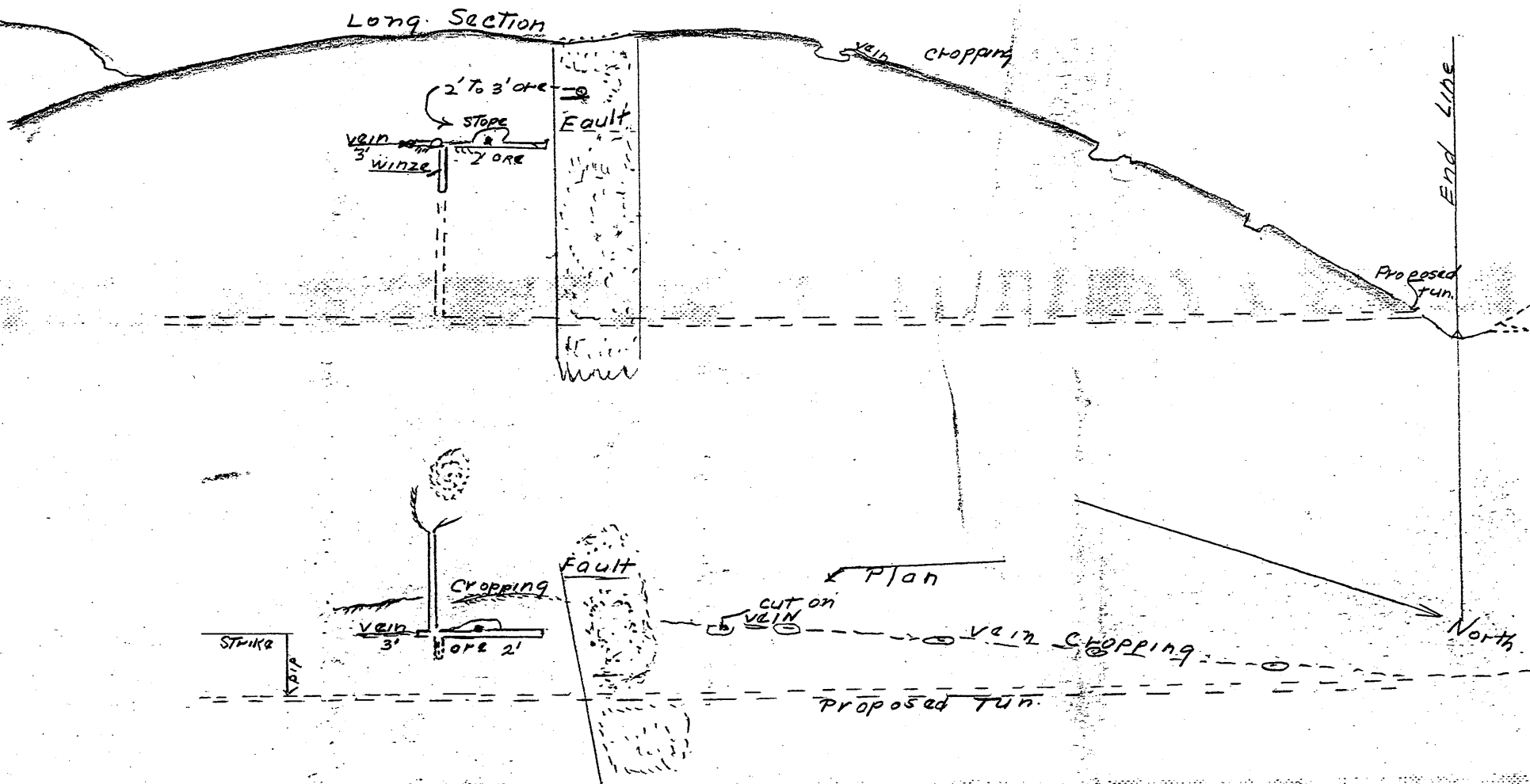
DATE:

DATE:

Steve Midle, Mgr.
389 Charles Avenue
St. Paul, Minn.

2/44 Closed

FALCON MINES *file*
W
Pinal 11 - 1 T 1 S, R 13 E
R. A. Keller, 1708 N. Snelling Ave., St. Paul, Minn. '43
'46



Falcon tungsten Mine
 Sketch Plan + Long Section
 "Top of The World" Miami, AZ.
 Approx. Scale 1" to 100'
 Dept. of Mineral Resources
 Dec. 24th 1942 Notes of
 G. MacFarlane

FALCON MINES

REFERENCES

PINAL COUNTY
T1S R13E SEC. 12

Rainbow Claims file

USBM RI 5516, p. 45-47, 68

USBM "U" File

USGS Bul. 1141-H, p. H-15 and 16

MILS Sheet sequence number 0040210241

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

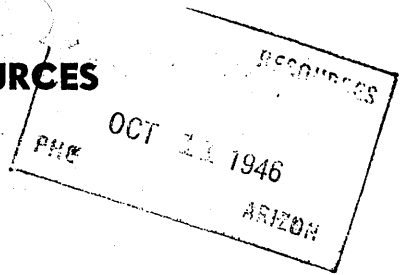
revised 10/1/41 & 10/20/42 33

217-15

Date *Sept 21, 1942*

1. Mine *Falcon Mines*
2. Location *Between Superior & Miami at Summit Camp*
3. Mining District & County *Pioneer, Pinal County*
4. Former name
5. Owner *R. A. Keller et al*
6. Address (Owner) *1709 No. Snelling ave, St Paul Minn.*
7. Operator *Ed U. Faulkner*
8. Address (Operator) *Dominion Hotel, Globe Ariz.*
9. President, Owing Co.
- 9A. President, Operating Co.
10. Gen. Mgr. *Ed. U. Faulkner*
14. Principal Minerals *Truogite*
11. Mine Supt.
15. Production Rate *just starting*
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed *4*
17. Power: Amt. & Type
18. Operations: Present
Taking out ore and blocking out
19. Operations: Planned
Same as above and installing mill
20. Number Claims, Title, etc.
*Truogite #1 recorded in Book 47 of Mines, page 6
Truogite #2 " " " 51 " " " 240
Pinal County, Arizona*
21. Description: Topography & Geography
22. Mine Workings: Amt. & Condition
Two tunnels + veins in good condition

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



Date.....

1. Mine: FALCON MINES — *Operation discontinued - Dec 30, 1944.*

2. Location: Sec..... Twp..... Range..... Nearest Town.....

Distance..... Direction..... Road Condition.....

3. Mining District & County:.....

*A. A. Nelson
1708 N. Snelling St.
St. Paul, Minn.*

4. Former Name of Mine:.....

5. Owner:.....

Address:.....

6. Operator:.....

Address:.....

7. Principal Minerals:.....

8. Number of Claims:..... Lode..... Placer.....

Patented..... Unpatented.....

9. Type of Surrounding Terrain:.....

10. Geology & Mineralization:.....

11. Dimension & Value of Ore Body:.....

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

MF-15

Date September 21, 1942

1. Mine Falcon Mines
2. Mining District & County Pioneer Mining District,
Pinal County
3. Former name
4. Location Between Superior and
Miami at Summit Camp.
5. Owner R. A. Keller, et al
6. Address (Owner) 1708 North Snelling Avenue
St. Paul, Minnesota
7. Operator Ed N. Faulkner
8. Address (Operator) Dominion Hotel,
Globe, Arizona
9. President
10. Gen. Mgr. Ed N. Faulkner
11. Mine Supt.
12. Mill Supt.
13. Principal Metals Tungsten
14. Men Employed Four
15. Production Rate Just starting.
16. Mill: Type & Cap.
17. Power: Amt. & Type
18. Operations: Present Taking out ore and blocking out.
19. Operations Planned Same as above and installing mill.
20. Number Claims, Title, etc. Tungsten #1 recorded in Book 47 of Mines, Page 6
Tungsten #2 recorded in Book 51 of Mines, Page 240
Pinal County, Arizona
21. Description: Topography & Geography
22. Mine Workings: Amt. & Condition Two tunnels and mines in good condition.

(over)



EVERY MODERN CONVENIENCE
ONE BLOCK FROM RAILROAD STATION

✓

The DOMINION

RESTAURANT
GARAGE
SAMPLE ROOMS

A. HANSEN,
MANAGER

GLOBE · ARIZONA

413 Home Builders Bldg May 13/43

Dear Mr. Conzali,
Dept. of Mineral Resources.
This will introduce to
you, Mr. Widler of the Falcon
Tungsten Co. I am showing
Mr. Widler a Tungsten of
Leo Walls of Ray, the ores
are scheelite & we need a
lamp.

Could you loan Mr
Widler yours for a day or
two.

Yours
A. Macfarlane

For him Mineral light for Macfarlane

General Delivery,
Claypool Arizona.
Sept. 29th, 1943.

New Address

Mr. J. S. Coupal,
Director, Department of Mineral Resources,
413 Home Builder's Building
Phoenix, Arizona.

Dear Mr. Coupal:

Thank You for your letter of the 27th inst. in
response to our letter to you of the 22nd inst. pertaining
to access road.

In your letter you stated that you were enclosing an
application form for access road, however, the same was not enclosed
with the letter, due to oversight, we assume and accordingly we should
very much appreciate it if you will forward to us such application form.

Thanking You, We are,

Very Truly Yours,

FALCON MINING COMPANY

By

R. A. Keller
Sec.

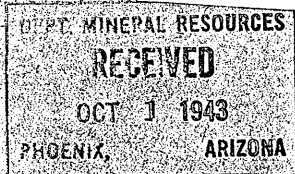
RK:k

OWNER

Falcon Mg. Co.
R. A. Keller, Secy.
Summit Lodge
Superior, Ariz.

PLOMOSA
7-21-43

Mine loan application



December 23, 1942

Mr. Ed Faulkner
Dominion Hotel
Globe, Arizona

Dear Mr. Faulkner:

Subject: Top of the World Mine.

I would be pleased to know what results have been obtained in the development work proposed last October.

I note that you planned on drifting along the vein exposed by a crosscut and I am wondering if this work showed a satisfactory ore shoot.

Very truly yours

Earl F. Hastings
Assistant Director and
Projects Engineer

EFH:BA

September 27, 1943

Mr. R. A. Keller
Falcon Mining Company
Summit Lodge
Superior, Arizona

Dear Mr. Keller:

In reply to your letter of September 22, I am enclosing a blank for making application for an access road. This application should be filled out by you and submitted to the Grazing Service, Heard Building, Phoenix, Arizona.

I would suggest that in your application you send a covering letter describing the road you wish built, your estimate of the cost, and some statement of the amount of ore you expect to ship monthly after the road is completed. We will be glad to assist you in following this up.

Yours very truly,

J. S. Coupal
Director

JSC:JE
ENC

October 2, 1943

Mr. R. A. Keller
Falcon Mining Company
General Delivery
Claypool, Arizona

Dear Mr. Keller:

Many thanks for your letter of September 29 and I am sorry that the application form for the access road was not enclosed in your letter.

I am enclosing one of the new forms PR-DA-3 which should be filled in in complete detail and mailed to G. L. McLane, District Engineer, Public Roads Administration, Phoenix, Arizona. This is a slight change in the procedure but we find it advisable to mail this application filled in detail to the above named office and from then on they take care of it.

Yours very truly,

J. S. Coupal, Director

JSC:LP
Enc.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

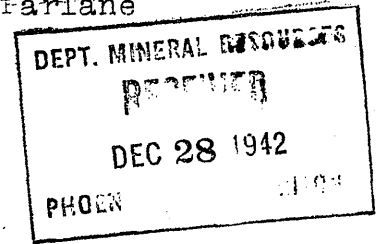
Mine FALCON; At Top Of The World
TUNGSTEN
District Miami

Date Dec.24th, 1942

Engineer A. Macfarlane

Subject: Probable application for Loan

Department Of Mineral Resources;
J.S. Coupal Director.
Phoenix, Arizona.



Gentlemen;

Attached to this brief statement is a sketch plan and Long. section of the Falcon Tungsten mine, the operators of this mine drove me to their property last Sunday.

I have not given to the owners any writing whatsoever or a copy of this sketch, but simply advise and encouragement verbally. However I feel that every help possible should be given, in order that the stram of tungsten so much now needed in our war efforts, that this little mine is capable of producing, that this help be obtained for the operators.

Their yet incomplete 1 table concentrator is not quite complete, and it is situated 2 miles from the rugged terrain within which is located their mine, therefore the ore now has to be packed by burro; about 2 miles of access road is required.

You will note from sketch that only drifting for 75' is now made on the 2' to 3' well defined quartz vein; yet for nearly 500' north of the fault, the vein is boldly in sight with only 4 small cuts on cropping as development.

One half ton of mine run from the 75' drift south of the fault, was crushed ground and tabled during my inspection: this produced 60# of ~~XXX~~ concentrates which I sampled at the discharge end of the table; these concentrates assayed 32.4% tungsten or a gross value of around \$960. per ton.

I estimate there are about 400 tons of 2% W_3O_8 in the back of the tunnel drift, and if the tungsten content is of about the same grade in the vein section north of the fault several thousand tons, can be developed by driving the tunnel drift as shown on the sketch.

The vein is encased within well defined walls, its structural make up, indicates that it will carry to some fair depth below the cropping, my time did not permit of geologizing, another examination covering all salient points should be made.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine FALCON TUNGSTEN, At Top Of The World Date December 24, 1942
District Miami Engineer A. Macfarlane
Subject: Probable application for Loan

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