

## MINERAL PROPERTY FILE

COUNTY Santa Fe STATE New Mexico Present file No. Dale 79  
New file No. 74.33

TWP 12 N RANGE 7 E SECS. 21 & 22 Main Commodity Tungsten  
Others Copper, gold

PROPERTY NAME San Francisco Mine

OTHER NAMES \_\_\_\_\_

OWNER Potter & Sums ADDRESS Albuquerque, NM or  
Joplin, MO

LESSEE \_\_\_\_\_ ADDRESS \_\_\_\_\_

LOCATION About 2 road miles E of Golden

ACCESS \_\_\_\_\_

## TYPE OF DEPOSIT:

Disseminated \_\_\_\_\_ Bedded X Contact \_\_\_\_\_ Placer \_\_\_\_\_  
Vein \_\_\_\_\_ Lenses or pods \_\_\_\_\_ Residual \_\_\_\_\_ Other \_\_\_\_\_

## WORKINGS:

Underground X ACCESSIBLE: Yes X No \_\_\_\_\_ Unknown \_\_\_\_\_

Drift, X-cut X Shaft \_\_\_\_\_

Total Length: Less than 200' \_\_\_\_\_ 200' to 1,000' X More than 1,000 \_\_\_\_\_

Surface X

Open pit X Small X Large \_\_\_\_\_ Trenches \_\_\_\_\_ Test pits \_\_\_\_\_

Drill holes \_\_\_\_\_

Undeveloped \_\_\_\_\_

PLUS 500 TON PRODUCTION: Yes X No \_\_\_\_\_ Unknown \_\_\_\_\_

DATE OF INFORMATION 11/5/57

## TYPE OF REPORT:

Standard Examination X DMEA or OME \_\_\_\_\_ WMR \_\_\_\_\_ Correspondence \_\_\_\_\_  
Summary Report X Access Road \_\_\_\_\_ MRB \_\_\_\_\_ Other \_\_\_\_\_  
Map \_\_\_\_\_ Non Bureau \_\_\_\_\_

FURTHER WORK RECOMMENDED \_\_\_\_\_ NOT RECOMMENDED X

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

Report Nos.

Date No. 79

## REVIEW OF EXAMINATION REPORT

State N. Mex. County Santa Fe Mineral products Tungsten  
Name of property San Francisco Mine (5 unpat. claims)  
Owner Potter & Sims Address Albuquerque, N. Mex. or Joplin, Mo.  
Lessee or Operator No one Address \_\_\_\_\_  
Location Secs. 21, and 22, T. 12 N., R. 7 E., about 2 road miles east of Golden

Examined by V. B. Dale Date Oct. 29, 1957  
Apparent quality of examination and report Satisfactory for preliminary report

Discussion and review: Examination was made under Auth. 3231 - Appraisal of Tungsten Deposits in Region III.

Sparse scheelite mineralization occurs with copper sulfides and oxides, gold, and pyrite along bedding plane fractures in a highly silicified and garnetized limestone. The deposit strikes from N. 10° to 20° W. and dips 15° to 30° eastward. Its known length is about 130 feet, its width about 2 feet, and its depth about 170 feet down the dip. It has been explored and developed by a 175-foot adit with a 75-foot crosscut, a 270-foot inclined shaft, and 2 90-foot adits, all accessible, and 15 small surface opencuts and shaft adits. No work was being done and no equipment was on the property when it was visited.

From 1912 to 1914, several cars of copper-gold ore was produced. No tungsten ore reserves can be estimated. Reserves consist of a few hundred tons of indicated copper-gold ore and several thousand tons of inferred material with a grade ranging from 2 to 4 percent copper and a trace to 0.3 ounce a ton of gold.

The tungsten mineralization in this mine appears to be insignificant.

DATE	ACTION	BY

Signed by Walter R. Storms

Reviewed by Walter R. Storms  
Date Nov. 5, 1957

CC J. F. Shaw (Orig. & 3); J. B. Clemmer; 467-tungsten; 463; DF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF MINES

SUMMARY REPORT OF MINERALS EXAMINATION

Date No. 79

State N. Mex. County Santa Fe Mineral Products Copper, Gold & Tungsten

Name of property or deposit San Francisco Mine

Date examined 10/2/57 Engineer V. B. Dale Date of this report 11/5/57

Reason for examination Appraisal of tungsten deposits, Region III, Auth. 3231

Engineer accompanied by Dewey Sims Address La Posada Inn  
Santa Fe, N. Mex.

Extent of property 5 unpatented claims

Owner Potter & Sims Address 1500 Los Lomas Rd  
Albuquerque, N. Mex.

Leased or optioned to No one Address

Location of property (be specific) Sect. 21 and 22, T. 12 N., R. 7 E., N. M. P. M., about  
2 road miles east of Golden, N. Mex.

Type of deposit and mineralogy, (brief description) Copper sulphides and oxides, pyrite,  
gold, and sparse, sporadic scheelite occur along bedding plane fractures in highly silicified  
and garnetized limestone beds.

Known dimensions of the deposit ± 130 ft. ± 2 ft. ± 170 ft. on dip  
Length Width Depth

Attitude of the deposit (strike, dip, etc.) N. 10° to 20° W. strike, dips 15° to 30° E.

Possible extensions; correlation of known showings No correlation, but it is possible that the  
mineralization and deposition is similar to that of the San Pedro and Shamrock mines.

Mine workings (brief description or attach map or sketch) (indicate whether accessible) Accessible 175-foot adit with 75-foot crosscut; accessible inclined shaft 270 feet deep;  
2 accessible adits each 90 feet long; and 15 small open cuts and short adits.

CC J. F. Shaw (Orig. & 3); J. D. Clemmer, 467-Tungsten, 4F

(over)

Mining and milling equipment on property.....None

Past production (if any).....Several carloads of copper-gold ore from 1912 to 1914, grade unknown

Present rate of production (if any).....None

Sampling (describe briefly, or attach sketch).....None. Ultra-violet lamp indicated  
low-grade, very sporadic scheelite mineralization

Tentative Estimate of Reserves

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

Measurable.....None.....tons.....Grade.....

Indicated.....few hundred tons.....tons.....copper-gold ore.....Grade.....2 to 4% Cu  
trace to 0.3 oz. Au

Inferred.....Several thousand.....tons.....copper-gold ore.....Grade.....same as above

Mining method (actual or suggested).....Roasting

Milling or processing method (actual or suggested).....Flotation or direct smelting

Processing tests suggested.....

Tentative conclusion and decision.....The ore occurrences are small and low-grade with relation  
to size. Tungsten mineralization appears insignificant.

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.

Send original and one copy to Washington Office.