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Arizona Department of Mines and Mineral Resources Mining Collection

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07/25/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: POLARIS STAR SOUTHERN STAR

ALTERNATE NAMES:

PAT

YAVAPAI COUNTY MILS NUMBER: 216

LOCATION: TOWNSHIP 7 N RANGE 3 W SECTION 13 QUARTER NW
LATITUDE: N 33DEG 57MIN 13SEC LONGITUDE: W 112DEG 31MIN 54SEC
TOPO MAP NAME: RED PICACHO - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

TUNGSTEN
IRON
SILVER
GOLD

BIBLIOGRAPHY:

USGS RED PICACHO QUAD
ADMMR BENNETT MINE FILE SEE MAP
ADMMR FILES USAEC PRELIM RECON REPT YAVAPAI
CTY P 52
ADMMR POLARIS STAR, SOUTHERN STAR FILES

POLARIS STAR, SOUTHERN STAR, ETC, REFERENCES

YAVAPAI COUNTY
T7N R3W Sec. 13

Bennett Mine file - see map

USAEC Preliminary Recon. report - Yavapai County, p. 52

MILS Sheet sequence number 0040251057

(Please note - The Shiva Mining Co. - C. F. Cole - had four claims
and a mill site - see above location and 12 claims probably in
in Sec. 1.)

POLARIS STAR, SOUTHERN STAR

YAVAPAI COUNTY
WHITE PICACHO DISTRICT

CJH WR 11/14/80: Visitors: Mr. and Mrs. Merritt Coffin, P.O. Box 292, Morristown, AZ 85342, holds 9 gold lode claims, the Polaris Star Group, along with two other owners, in the White Picacho District, Yavapai County. They also hold 5 placer claims four miles northeast of Morristown in the Little San Domingo Wash off the Castle Hot Springs Road. They were interested in literature concerning the separation of Au from black sand.

RRB WR 2/19/82: Mr. and Mrs. Merritt Coffin and Freeman Dean brought in a rock from the Polaris Star Group, White Picacho District, Yavapai County. They and a George Shanley own the property.

NJN WR 1/20/84: George W. Shanley, P.O. Box General Delivery, Morristown, AZ. visited and reported he is part owner of the Polaris Star, Southern Star, Yavapai County. Mr. Shanley believes there is platinum on his property.

May 27, 1957

SHIVA MINING CO.

Yavapai County

No information on this property.

MARK GEMMILL

Cloe, C. E.
Morristown, Arizona

6-11-42

See MS-97 - Re Owners Mine Report (Owner-Crown Cork & Seal Co.)
SHIVA MINING COMPANY, Yavapai County

SHIVA MINING CO.

W

Yavapai

13 - 7

T 7 n

Crown Cork & Sed. Co., Philadelphia
(G. E. Cole, Morristown)

'42

STATUS OF DORMANT MINES

4 claimers

MINE NAME: East star, west star, South star & Polar.

LOCATION: White Pine Mining District

OWNER AND/OR LEASEE: C. H. Cook

ADDRESS: Morrin, Yuma, Ariz.

APPROXIMATE PRODUCTION (Year of 1945):

COPPER ✓ Lbs. LEAD ✓ Lbs.
 ZINC ✓ Lbs. (OTHER) ✓

CHECK THE CHIEF CAUSE OF YOUR DISCONTINUED PRODUCTION:

- (A) Easily available ore worked out. Yes
- (B) Increased costs, but have quantity similar to past grade of ore.
- (C) Too close a margin to develop more ore.
- (D)

Opened up about 100 feet 20" Name of schist

If you have ore ready to mine please give your estimate of the amount of metal (name each metal) that you could produce in one year (after allowing 60 days to get started) if there were premiums above present market prices. Name amount with a low premium, and amount at a high premium; such as:

Copper at 22½¢ plus 5¢ premium..... 1,000,000 Lbs.
 Copper at 22½¢ plus 10¢ premium..... 1,500,000 Lbs.

If you do not have ore ready to mine please discuss the following:

- (A) Do you think a reasonable development program would produce a justified tonnage of commercial ore at above mine?

Yes

- (B) With a premium price (guaranteed for one year) could you carry out such a development program yourself? What premium?

Yes

(C) If you could not do this yourself, would a quick drilling program by some government agency (at government expense) be sufficient?

I don't think that would be necessary at present until more work is done

(D) Or would you prefer a loan plan similar to the arrangements during World War II?

I didn't get one never ask for one but help would do me good now.

How about a combination plan in two stages such as follows?

Stage 1: Government engineers review project and, if a little drilling appears to be justified and a preliminary key to the situation, such drilling program to be agreed upon by owner and government engineer, paid for by the government, but let by contract.

Stage 2: If results of drilling (or without drilling) justify underground development and/or production equipment, same to be obtainable via a mortgage loan on property.

Please discuss the above:

*Yes I have
own my property
capital lease
oil and gas
own mine
full stop &
mine right*

SUGGESTIONS:

I have 17 mineral claimer located & recorded in my name L. F. Cole. 4 claimer and a mill right in Maricopa county the others are in Yavapai county about 3 miles apart

DATE

Sept - 12 - 1950

SIGNATURE

L. F. Cole

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

REPORT BY:

A. BRODIE CAMPBELL

MS - 97

Date June 11, 1942

1. Mine **Shiva Mining Co.**
2. Mining District & County **White Oicacho Dist. Yavapai Co.**
3. Former name
4. Location **13 miles north of Mossistown near head of Tribby Creek, on S. flank of Bradshaw Mts.**
5. Owner **Crown Cork & Seal Co.**
6. Address (Owner) **Philadelphia, Pa.**
7. Operator **C. E. Cole**
8. Address (Operator) **Morristown, Ariz.**
9. President
10. Gen. Mgr.
11. Mine Supt.
12. Mill Supt.
13. Principal Metals **Scheelite**
14. Men Employed **Five**
15. Production Rate **None**
16. Mill: Type & Cap. **Gravity mill under construction**
17. Power: Amt. & Type **25 HP Gas engine**
18. Operations: Present **Building mill**
19. Operations Planned **Develop mine and milling**
20. Number Claims, Title, etc. **4 claims held by location. 1 millsite on Hot Springs Road**
21. Description: Topography & Geography **Rugged, mountainous. 2,000' elevation. Semi-arid climate.**
22. Mine Workings: Amt. & Condition **None**

(over)

23. Geology & Mineralization Quartz contact between schist and pegmatite. Schist belt over 100' wide running for several miles through district. Scheelite is principal mineral. Schist is faulted but traceable.

24. Ore: Positive & Probable, Ore Dumps, Tailings None

24-A Vein Width, Length, Value, etc. None

25. Mine, Mill Equipment & Flow Sheet Mill being built is a bit queer. Could not get definite flow sheet. There are crusher, elevator, stamp mill, ball mill, table and sundry other pieces of equipment on the mill site about three miles from the mine.

26. Road Conditions, Route Go 9 miles north on Castle Hot Springs Road. Turn west on Trilby Creek Road 3 miles. Stop at Coles mill about a mile north of the Trilby Creek turn-off and inquire for mine.

27. Water Supply Fair water supply at mill site; none at mine.

28. Brief History

29. Special Problems, Reports Filed

30. Remarks This, with the Kaler and Thrasher properties, deserves development consideration due to extent of possible low grade ores. The mill is screwy.

31. If property for sale: Price, terms and address to negotiate. SEE COLE AT MORRISTOWN.

32. Signed.....

33. Use additional sheets if necessary.

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