



CONTACT INFORMATION

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PRINTED: 07-25-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: CONSOLIDATE TUNGSTEN MINES

ALTERNATE NAMES:

MARGIE C
CTM
BLACK DIAMOND
EVENING STAR
NORTH STAR

YAVAPAI COUNTY MILS NUMBER: 134

LOCATION: TOWNSHIP 15 N RANGE 7 W SECTION 7 QUARTER C
LATITUDE: N 34DEG 41MIN 53SEC LONGITUDE: W 113DEG 01MIN 55SEC
TOPO MAP NAME: BAGDAD - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

TUNGSTEN WOLFRAMITE

BIBLIOGRAPHY:

ADMMR CONSOLIDATE TUNGSTEN MINES FILE
DALE, V.B. TUNGSTEN DEPTS OF GILA, YAVAPAI &
MOHAVE CTYS USBM IC 8078 1961 P 50
SEE ADMMR BLACK PEARL FILE
ALSO IN SEC 12-T15N-R8W

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

~~December 10, 1957~~

February 17, 1958

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

EVENING STAR & NORTH STAR GROUP
(Property)

TUNGSTEN
(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,
Director.

Enc: Mine Owner's Report

May 27, 1957

EVENING STAR &
NORTH STAR GROUP

YAVAPAI COUNTY

No information on this property.

MARK GEMMILL

EVENING STAR & NORTH STAR GROUP

W

Yavapai 13 - 2 Sec. 7, T 15 N, R 7 W

Joseph P. Strotjost, Box 382, Seligman '43
Rte. 1, Box 884, Glendale, Ariz. '46

Unknown

Installation address

Personal letter address

Do not remove from this envelope

Not residing here

Mr. Joseph H. Strotjost
Rte. 1, Box 884
Glendale, Arizona

Moved-Left No Address 4/17/58

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine EVENING STAR & NORTH STAR GROUP

Date April 20, 1943

District Eureka, Yavapai Co., Ariz.

Engineer Elgin B. Holt

Subject:

R E P O R T

OWNER: Joseph H. Strotjost, Box 382, Seligman, Arizona.

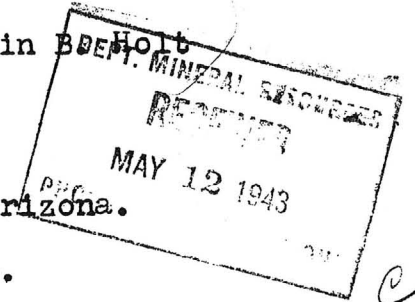
METALS: Tungsten: wolframite and some scheelite.

EXAMINATION: I visited this property on March 26, 1943, in company with the owner, Strotjost. At the time of visit, Ike Bond and Clair Allen were working the property, under a lease arrangement.

AREA & LOCATION: The property consists of 13 unpatented claims, covering the west extension of the Black Pearl group, belonging to Mary Lawler, Homer Wood, et al, and on which around 1900 feet of exploratory work has been done. The Black Pearl property is said to have produced about 60,000 pounds of ore assaying 70% WO₃. Although the Black Pearl is an important potential source of tungsten, it is now idle due to continued difficulties between owners.

ROADS: To reach property from Prescott, one travels northwest 40 miles to Camp Wood over a graded dirt road, in good condition. Thence 8 miles in a westerly direction, over a county-maintained road to the Yolo Ranch. Thence another 8 miles to Black Pearl camp, over South Mesa; this latter stretch of road being in poor condition, over heavy mountain grades; and would cost around \$1,000 to put it in shape for heavy trucking.

TOPOGRAPHY: WATER RIGHTS: Elevation above sea level at main workings of property approximates 4,800 feet. Areas surrounding property consist of rolling mesa country cut by deep canyons. Boulder creek passes about one mile west of group. Strotjost has a water certificate from the Arizona State Water Commission, entitling him



to the use of 50,000 gallons of water daily from the said stream, so he informed me.

TIMBER: Six miles north of property is an extensive forest of pine timber, from which mine timbers and lumber for buildings and other purposes may be obtained. Also, a small saw mill is now in operation at Camp Wood.

GEOLOGY, VEINS, DEVELOPMENT WORK: The country rock within and surrounding this group consists of a granite-gneiss complex, cut at frequent intervals by huge pegmatite dikes and quartz veins carrying tungsten. In this area, the granites are frequently altered into material known as greisen in which the feldspars have been altered to mica. Around 20 veins traverse property, striking east and west and dipping slightly south. About 300 feet of exploratory work has been done on these veins, consisting mainly of location and annual assessment work.

MAIN SHAFT: At the time of visit, the main shaft, from which some ore had been removed and marketed, was about 20 feet deep and sunk on a quartz vein around 12 inches in width. Strotjost stated that this shaft was 6 feet deep at the time he started work.

TEST SHIPMENTS, ETC.: In sinking the shaft from a depth of 6 feet to a depth of 20 feet, lessees removed about 7 tons of quartz vein material, from which two small lots of ore were marketed. In the following table is set forth a very rough estimate concerning the different grades of ore produced, as well as the assay values thereof:

Pounds Ore	WO ₃ -%	Pound-%	Remarks
153 -----	66.8 -----	10,220.4 -----	Marketed
79 -----	68.2 -----	5,387.8 -----	Marketed
1,500 -----	2.0 (est.)	3,000.0 -----	Reject on dump (est.)
<u>12,268</u> -----	0.5 (est.)	<u>6,134.0</u> -----	Reject on dump (est.)
14,000		24,742.2	

Hence, by dividing 24,742.2 by 14,000, the average of the 7 tons mentioned would approximate 1.76% WO₃.

REMARKS:

The following facts should be taken into consideration in estimating the possibilities of this property:

1. The property is an undeveloped tungsten prospect on which considerable exploratory work will have to be done in order to determine whether it is of any value or not.
2. However, its importance is closely tied in to that of the Black Pearl mine, which, as stated, is an important source of tungsten.
3. Ores of all tungsten mines occur in lenses and pockets. Therefore, the only way the average content of tungsten can be determined in any tungsten mine is to mill a considerable tonnage of ore therefrom and assay heads and tails from such operations. Hence, the assay results in the table, as above set forth, must be considered as merely determining the qualitative rather than the quantitative tungsten content of the ore in this mine.

CONCLUSION:

From the brief facts herein outlined, I believe this property warrants the expenditure of a reasonable amount of money in order to carry out a well-directed plan of exploratory work, in order to determine once and for all whether it is a tungsten mine or not. As mines are made from prospects, I do not hesitate to say that this property has all the earmarks that such work should uncover a tungsten mine out of which considerable money should be made.



Elgin B. Holt,
Field Engineer.

DEPT. MINERAL RESOURCES
RECEIVED
OCT 18 1946
PHOENIX ARIZONA

57 T 15N R7W

46

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

Date: Oct. 15-1946.

- 1. Mine: EVENING STAR & NORTH STAR GROUP
- 2. Location: Sec. 7 Twp. 15N Range 7W Nearest Town Prescott
Distance 54 Direction N. West Road Condition Good
- 3. Mining District & County: Eureka
- 4. Former Name of Mine:
- 5. Owner: Joseph H. Strotzost
Address: Route 1, Box 884 Glendale, Arizona
- 6. Operator:
Address:
- 7. Principal Minerals: Holomite Lingston
- 8. Number of Claims: 12 Lode Placer
Patented Unpatented
- 9. Type of Surrounding Terrain: mountainous

10. Geology & Mineralization:

11. Dimension & Value of Ore Body:

12. Ore "Blocked Out" or "In Sight":

Ore Probable:

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts.....		
Raises.....		
Tunnels.....		
Crosscuts.....		
Stopes.....		

14. Water Supply: *Good, have certificate from state for 50,000 gal per day.*

15. Brief History: *These claims, adjoin black Pearl group owned by Lawler, which produced 70,000 lbs of 80% Wos. Wolframite tungsten in 1918. I have the same ledges they have.*

16. Signature: *Joseph A. Strotz*

17. If Property for Sale, List Approximate Price and Terms: *\$2000. per claim or 10% net Royalty on what is taken out.*

12. Ore "Blocked Out" or "In Sight":

Ore Probable:

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No.	Feet	Condition
Shafts.....		
Raises.....		
Tunnels.....		
Crosscuts.....		
Stopes.....		

14. Water Supply:

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- 5. Owner: Joseph H. Strotzost
Address: Route 1. Box 884 Glendale, Arizona
- 6. Operator:
- Address:
- 7. Principal Minerals: Holopinite Lingsten
- 8. Number of Claims: 12 Lode Placer
Patented Unpatented
- 9. Type of Surrounding Terrain: volcanic

10. Geology & Mineralization:

11. Dimension & Value of Ore Body:

12. Ore "Blocked Out" or "In Sight":

Ore Probable:

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
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Raíses.....		
Tunnels.....		
Crosscuts.....		
Stopes.....		

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Ore Probable:.....
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