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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 09/06/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: WAGNER TUNGSTEN GROUP

ALTERNATE NAMES:

PINTO MINING CO CLAIMS
FRIEND IN NEED VEIN
RED BIRD CLAIMS

GILA COUNTY MILS NUMBER: 187

LOCATION: TOWNSHIP 2 N RANGE 13 E SECTION 11 QUARTER E2
LATITUDE: N 33DEG 32MIN 00SEC LONGITUDE: W 110DEG 59MIN 15SEC
TOPO MAP NAME: ROCKINSTRAW MTN - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

TUNGSTEN

BIBLIOGRAPHY:

ADMMR WAGNER TUNGSTEN FILE
WILSON E D TUNGSTEN DEPTS AZ AZBM BULL 148
1941 P 29
DALE V B TUNGSTEN DEPTS GILA YAVAPAI & MOHAVE
CTYS USBM IC 8078 1961 P 11
CLAIMS EXTEND INTO SEC 12

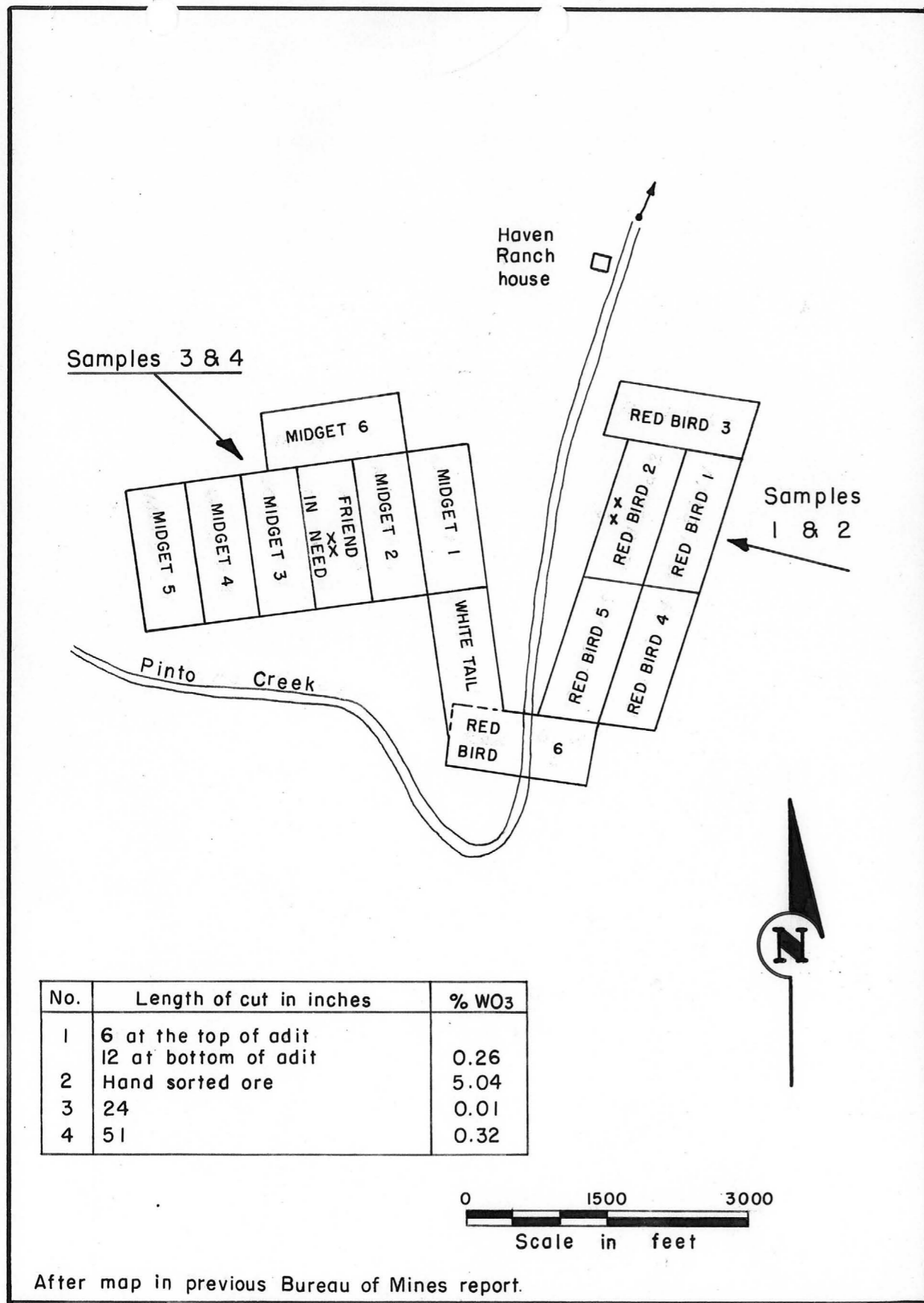


Figure 4. Claim map, Wagner tungsten prospect, Gila County, Ariz.

Fig 4

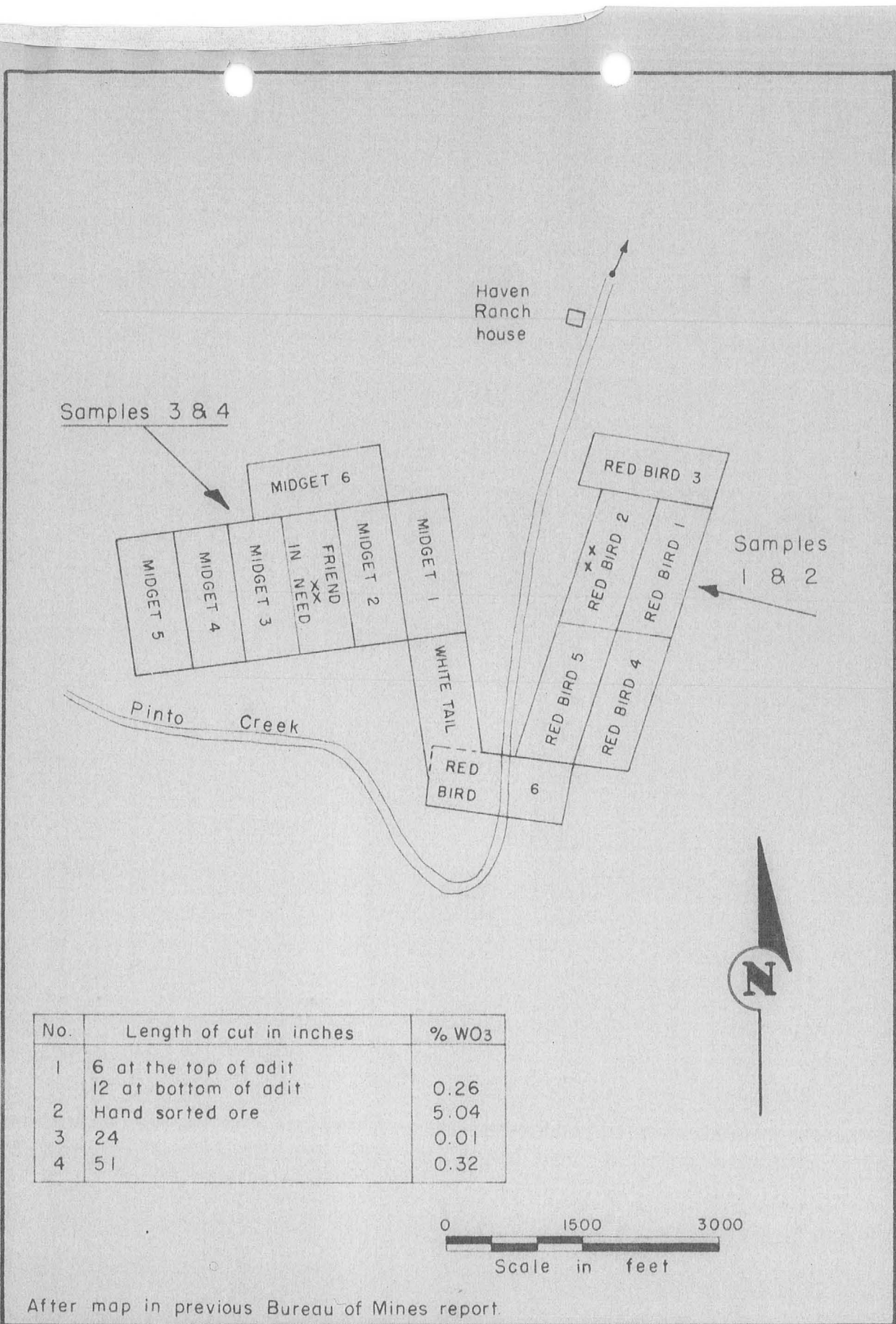


Figure 4. Claim map, Wagner tungsten prospect, Gila County, Arizona

NAME OF MINE: WAGNER
OWNER:

COUNTY: Gila
DISTRICT:
METALS: W

OPERATOR AND ADDRESS

MINE STATUS

Date:	OPERATOR AND ADDRESS	Date:	MINE STATUS
4/45	J.A. Keeter, Box 81, Globe (Pinto Mining Co.)	4/45 4/46	Developing Idle

WAGNER TUNGSTEN

GILA COUNTY

SEE: ABM Bull. 148 p. 29

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

December-10, 1957

February 18, 1958

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

FRIEND IN NEED
(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

WAGNER

W

Gila

4 - 2

S 26, 25, T 3 N, R 14 E

Pinto Mng. Co., J. A. Keeter, Box 81, Globe

'45

WAGNER TUNGSTEN

Miami Copper Co. continued shaft sinking and development at the No. 5 shaft and studies continued on the Pinto Creek deposit. They were also tearing down the old mill and power house. FTJ Quarterly Report 1-13-71

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wagner Tungsten

Date Dec. 15, 1952

District Globe-Miami

Engineer Mark Gemmill

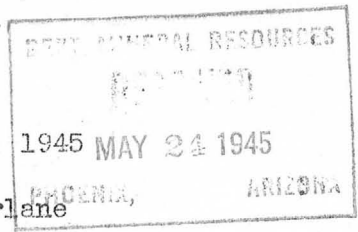
Subject: Present Status

Accompanied by Mr. C. C. Sharp, Roosevelt, Ariz. present owner I visited the property Dec. 10, 1952. No new development work has been done since Mr. Macfarlane examined it in 1945. However some road work has been done making it more accessible. A road has been built taking off the Globe-Roosevelt road about 20 miles from Globe. Although over a rough terrain this new road is fairly good. It is now passable to Pinto Creek a point about 2 miles below the property. The road had been continued up Pinto Creek to the property, but this part is now entirely washed out by flood waters. It was necessary to walk to the property from this point. Also a road has been built from Pinto Creek to the workings on the west side. It would not be expensive to re-open up a road up Pinto Creek but it would be temporary as any flood would take it out.

There is not much that can be added to Mr. Macfarlane's report. Until more work on the veins is done it is difficult to say whether or not the property has much merit. The owner wants to lease it but has had no success. I suggested to him that if possible he get some work done to open it up better. If it showed up well he might then be able to lease or sell it. As it now stands it appears to me that it would be difficult to interest anyone in it.

Letter:
Please rewrite &
mail 2 copies to
A.J. Keeter Box 81 Globe

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT



Mine Waggner Group, Tungsten

Date May 22nd, 1945 MAY 24 1945

District Globe- Miami

Engineer A. Macfarlane

Subject: Preliminary Examination.

mailed
5-24
JP

Mine Location; This property is situated along both banks of Pinto Creek in T 3 N, R 14 E. unsectionalized and about 6 miles northerly from Horrell's ranch buildings, in Gila County Arizona. Within Crook National Forrest.

Roads ; To reach this property from Globe highway #70 is followed to where the Castle Dome road junctions with #70, thence turning abruptly to the right a County maintained highway following the drainage towards Pinto creek, reaches Horrells ranch, this in a general northerly direction about 25 miles from Globe. Following down Pinto creek some 6 miles further over a meandering narrow road recently made under the orders of Mr J.A. Keeter, the new camp is reached, of the Pinto Mining Company.

Pinto Mining Company; Recently incorporated and qualified under the laws of Arizona, now control and operate the Waggner Group of 14 Tungsten claims, Mr A.J. Keeter of Box 81 Globe being President and manager, some 3 to 6 men being employed.

Mine Workings; consist mostly of short tunnels and some cropping cuts all exposing veins from mostly 1' to 2.5' in width; one group of these prospect workings are situated 1/4 mile west of Pinto creek valley and at an elevation of about 500' higher. A second group of tunnels and cuts are about 1/2 mile north easterly from the first and above the eastern bank of Pinto creek.

An undetermined number of fissures and gashes filled with highly crystalline quartz are evidenced by croppings entirely unprospected, all the vein cuts and much of the cropping material, shows tungsten mostly in the Wulframite form and some of the samples brought to this office gave the scheelite reaction under mineralite.

Due to the lack of mine workings penetrating under ground, I was unable to form an opinion as to the continuity of the prospected surface, both as to the continuity and mineralization of the well defined vein system. In all, the openings on this vein system may at this time be less than 500 linear feet.

Development; Of the veins is now being initiated, this to be followed by proper sampling in order to block some tonnage and determine the correct average content of the tungsten in these quartz gangues.

MILLING TESTS; Samples of the ores were taken to the experimetal plant of Arizona University at Tucson, and when crushed to pass a 12 mesh screen, the concentrates assayed 49 % WO3 These concentrates passed thru a magnetic seperator reduced the volume 50% but raised the value to over 90% tungsten. This is excellent evidence, that the ores are amenable to first table concentration, which should be done near the source of the ores; this would raise the 1% to 4% ores up to a marketable product of about 50% tungsten and that the ratio of concentration would 1 to 10 and up to 1 to 15 .

↑
be about

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine

Date

District

Engineer

Subject:

PINTO MINING COMPANY 2

Vein Occurrence; Within a partly crushed and disintegrating Granite, in turn intruded by narrow dykes of dacite. The fracturing courses having a direction of South 60 degrees East to North 60 West, with only a dip of 85 degrees towards the northeast; the veins are nearly vertical and show selvage on both walls.

The "Friend in Need" vein by a cropping cut and 2 short tunnels carries its quartz filling to over 100' in depth and evidences continuity to greater depth and continuity along its strike.

Further tunnel development of this vein would at moderate cost place a substantial tonnage of these quartz Wulframite ores in reserve.

Volcanic action was pronounced some 1 1/2 miles northeasterly from the Friend In Need vein, sinks of lava ash are seen high on the old crater rim remnant, and Igneous flows occupy the stratas of the mountain crests.

Evidently the older granites in which are found the fissures occupy a position under the lavas.

The general terrain of the lower Pinto creek region, reaches to a 1000' above the valley floor, confining the consideration of a working road, to the banks of the stream.

Mill Site; About 1/4 mile upstream above the camp and directly under the tunnels of the "Friend In Need" vein, there is an excellent site both for mill setting and tailings disposal. A well dug to a depth of 20' on the west bank of the creek, would supply at all seasons ample clean water, this could be pumped 500' to head of mill.

Conclusion; First further mine development should be conducted on both the 2 prospected areas, and aim to place in reserve 10,000 tons of such ores as are now in evidence. When this has been accomplished the 1st, unit of 20 tons daily milling capacity, might then be logically installed.

A more completed road to Horrels ranch would not cost over \$1,000.00 if suitable blade or bulldozer is obtained, or for a few thousand dollars, a road from mill to connect with the Apache Highway some 7 or 8 miles north of the mill of the Wagner mine; a road survey for the last few miles of either route would determine the most feasible and lasting route.

This tungsten prospect as I view it now has merit and at moderate investment cost, if the money is first directed entirely towards mine explorations and development, may prove to be of commercial value.

A. MacFarlane

MF-14

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

Date: June 6, 1942

1. Mine: Friend In Need
2. Location: Pinto Creek and 18 miles from Hwy. 70.
3. Mining District & County: Globe Mining Dist., Gila Co.
4. Former name:
5. Owner N. F. Kersch & V. E. Wagner
6. Address (Owner) Box 97, Miami, Ariz. (V. E. Wagner)
7. Operator: Same
8. Address (Operator) Same
9. President, Owing Co.: V. E. Wagner
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals: Tungsten, Huebnerite, Sheelite
11. Mine Supt.
15. Production Rate:
12. Mill Supt.
16. Mill - Type & Cap.)
) Needed
13. Men Employed
17. Power - Amt. & Type)
18. Operations - Present: Friend in Need is one claim in group of 6 adjoining. All claims carry ore veins and are owned by V. E. Wagner

6-1-42

19. Operations - Planned:

Wagner, Victor E.
Miami, Arizona Box 983 ('48)

20. Number Claims, Title, etc: Friend in Need (one) but there are 5 additional claims adjoining owned by V. E. Wagner. All titles are clear and on record.
21. Description - Topography & Geography: About 460 ft. above Pinto Creek bed. Plenty water in creek year round.
22. Mine Workings - Amt. & Condition: 3 addits showing ore - vein from 28 to 52 inches wide, exposed for 200 ft. on surface on Friend In Need claim.

(over)

23. Geology & Mineralization: All are in Pegmatite in quartz veins.
24. Ore - Positive & Probable, Ore Dumps, Tailings: Approx amount of ore in sight 30 ft. high - 3 ft. thick running $2\frac{1}{2}$ percent.
- 24A. Dimensions and Value of Ore body: According to Engineer's report about 2,000 tons in sight.
25. Mine, Mill Equipment & Flow-Sheet:
26. Road Conditions, Route: Road passable for old style car down Pinto Creek. Bulldozer could make fair road in 2 days.
27. Water Supply: Plenty water year round, running between 2 blocks of claims - Friend In Need and Red Bird Group.
28. Brief History: Found and located in spring of '38. All work done since.
29. Special Problems, Reports Filed: Put in machinery and get ore out, put in small 25 ton mill and table. Have Engineer's report.
30. Remarks: Red Bird Group & Friend in Need are all connected and go as one, but are on opposite side of creek.
- Was accepted for a \$20,000 loan (Govt) on all my claims. It seems the reason the applicants of Govt. loan did not go ahead with deal is -- they had to show good faith by putting up some of their own money. I was told Govt. loan went through.
31. If property for sale - price, terms and address to negotiate: For sale, price of all claims \$18,000 or 10% of ore taken out.

Signed: Victor E. Wagner
Box 97, Miami, Arizona

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

Date 1-11-40

1. Mine Redbird Group
2. Location Lower Pinto Creek, 6 miles downstream from Horral Ranch.
3. Mining District & County Globe Mining Dist. Gila County
4. Former name
5. Owner Victor E. Wagner
6. Address (Owner) Box 688, Globe, Arizona
7. Operator
8. Address (Operator)
9. President, Owing Co.
- 9A. President, Operating Co.
10. Gen. Mgr.
14. Principal Minerals Tungsten-(Hubernite)
11. Mine Supt.
15. Production Rate
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed
17. Power: Amt. & Type No
18. Operations: Present Own work.
19. Operations: Planned Doing own work--needs money
20. Number Claims, Title, etc. 14 claims
21. Description: Topography & Geography Rough
22. Mine Workings: Amt. & Condition Opened 6 to 12 in. wide. 6 veins-10% or better. 25 to 30 ft. 45 on one. 700 ft. stoping ground above creek bed.

Victor E. Wagner (Signed)

Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings In veins--about 12 tons of ore on dump ready to ship.

Dimensions and Value of Ore body No.

Mine, Mill Equipment & Flow-Sheet

Road Conditions, Route Can get in with 2 ton truck for 6 miles west of Miami. Then road (CCC) good to highway 70 (12 mi.) 6 miles west of Miami at cattle guard turn to right. 3 miles from Top of World filling station to where turn in to left. Do not take car unless know road.

Water Supply Plenty for mill.

Brief History In March 1938--all assessment work done.

Special Problems, Reports Filed Needs financing

Remarks Has analysis, by Wolf Tongue Co. of Nederland, Colorado.

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

Sell for reasonable amount: \$12,500.00. Have sacked cobbed ore on premises, also on dump or in sight, in veins in various tunnels.

32. Signature.....(Signed) Victor E. Wagner.....

PRELIMINARY REPORT
WAGONER TUNGSTEN CLAIMS
PINTO CREEK, GILA COUNTY, ARIZONA

The Wagoner Tungsten Claims were examined and this report made during the month of November 1941.

The assays were taken not to evaluate an established tonnage of ore, but to ascertain if tungsten ore of commercial value exist in sufficient quantities to warrant further exploration. (These assays were made by the laboratory of the Miami Copper Company and the originals are appended hereto.)

While present development work is too meager to establish definitely any tonnage, or even whether the veins persist in extent laterally or with depth, the value of the exposed veins on the east side of Pinto Creek on the Red Bird and Lucky Dream Claims which average--0.93% WO₃ which was computed as follows:

#1 Red Bird No.1	8" @	2.30 -	18.40
#2 Red Bird No.1	8" @	0.72 -	5.76
Lucky Dream Vein	8" @	0.92 -	7.36
#4 Lucky Dream Vein	8" @	0.60 -	4.80
#5 Face of Tunnel	24" @	0.64 -	15.36
Lucky Dream			
	56"		51.68

Average 51.68 = 0.94% or approximately 19 pounds of tungsten
56

acid expressed as WO₃ per ton of 2000 pounds.

The veins are narrow and some dilution from the granite wall rock must be expected, nevertheless, if it is established by exploration, that the veins persist to a reasonable extent, they can be profitably worked at the present price of tungsten by a small efficient mining organization.

It must not be under emphasized that the veins of this size unless much richer than the present samples indicate cannot be worked on a large scale profitably.

It is generally an accepted fact that veins from 8" to 12" cannot under ordinary circumstances be made to produce more than 15 tons per day from a stope 100 feet or less in length.

With this in mind we recommend that development work be undertaken to determine whether or not the present exposed veins are of sufficient length and depth to provide a reasonable tonnage of mineable ore.

To be merchantable tungsten ore must be concentrated either mechanically or by hand labor and meet the following requirements:

Tungsten trioxide	60% minimum
Tin	1% maximum
Copper	0.05% maximum
Phosphorous	0.035% maximum
Arsenic	0.50% Maximum
Antimony	0.05% maximum
Bismuth	0.12% maximum
Molybdenum	0.40% maximum
Sulfur	0.50% maximum

Penalties of 25¢ for each 0.1 percent excess of the impurities listed. (No penalties imposed if grade is 70 percent or more of

Almost each tungsten ore presents its own individual problem of treatment, but it is good practice, generally, to concentrate the mineral at the coarsest size at which any appreciable degree of liberation is obtained, at the same time producing middling products for further grinding and subsequent treatment.

GENERAL DESCRIPTION

The Wagoner Tungsten Claims are situated on Pinto Creek, in the Crook National Forest, Globe Mining District, Gila County, Arizona, about 20 miles from Miami, Arizona. Five miles of this distance is on U.S. Highway 60, ten miles unimproved highway and the balance over the creek bed and benches of Pinto Creek. This latter journey accomplished with a 1931 Chevrolet. A more modern car cannot negotiate the last five miles. (see map)

The vicinity is in the zone of Cottonwood, cactus and Yucca--altitude 2700 to 4000 feet. Within this zone, vegetation is scanty and over a very large area very inconspicuous. "Flat leaved" and globular cacti are abundant, yucca is common. grass and trees are scanty. Considerable cottonwood is found adjacent to Pinto Creek, an intermittent stream tributary to the Salt River. (see map) There is no timber suitable for mining props.

The topography of the Wagoner Claims is typical of the Globe Mining District. Mountains flank the north and south sides of Pinto Creek, and both groups of claims are from 400 to 600 feet above the stream bed.

NAME OF CLAIMS

Name	Date Located	Date Recorded	Book, Page	Location
Thirtyeight	Mar. 15, 1938	May 7, 1938	Book 47 Page 12	Victor Wagoner C.A. Schlieter
Red Bird #3	Mar. 20, 1938	May 7, 1938	Book 47 Page 9	Victor Wagoner
White Tail	Mar. 15, 1938	May 7, 1938	Book 47 Page 13	Victor Wagoner C.A. Schlieter
Happy Day	Mar. 21, 1938	May 7, 1938	Book 41 Page 541	Victor Wagoner C.A. Schlieter
Friend in Need				Victor Wagoner
Rainy Day				Victor Wagoner C.A. Schlieter
March 17th				Victor Wagoner C.A. Schlieter

TITLE

The preceding claims are in the name of Victor E. Wagoner and under option to purchase by Al Stovall.

MINERALIZATION

Mineralized veins were observed on the "Friend in Need" and Red Bird Claims.

The Friend in Need lies across the stream northwesterly from the Wagoner camp, about 1500 feet. The first outcrop is an exposure of white quartz, perhaps 20 feet in length and 50 inches

wide at the widest point. A fairly representative sample returned 0.68% WO. North from this outcrop, and perhaps 200 feet distant, a vein 24 inches wide, apparently not an extension of the large outcrop has been exposed by an open cut. This vein of yellowish quartz has a well mineralized appearance but the assays were of a negative character. Downstream from this open cut, erosion has exposed a succession of shear zones from a fraction of an inch to six inches in width, apparently well mineralized but not sampled.

RED BIRD GROUP

Two veins show on this hillside, #1 to the east of #2. #1 vein has been prospected on the vein by a drift for about twenty feet. This vein is small at the mouth of the tunnel and widens out to from 8 inches to 11 inches in the twenty feet exposed. This vein is separated from the hanging wall and shows movement. Both walls are ruin granite. (Assays #1 and #2) #2 vein has been cut by an open cut and is parallel to #1 vein and is exposed at approximately the same elevation as the #1 vein and about 50 feet to the west. This vein as exposed is about 5 inches wide. (Assays #3 and #4) Due to the short time spent on this claim no attempt was made to trace either of these veins. One hundred fifty feet below #1 and #2 vein outcrop there is a drift parallel to this vein which could be the extension of either. (Assay #5) This group is the most promising at present and the assays are given here in detail.

WATER

Pinto Creek is an intermittent stream, from its source in the Pinal Mountains to Roosevelt Reservoir it is marked at low water by a dry bed interrupted by stretches of stream. I have been informed that during parts of certain years no flowing water is to be found in Pinto Creek excepting short stretches of a few hundred feet. However, excepting periods of extreme drought, reasonable quantities should be available from shallow wells in or near the stream bed.

CLIMATE

The climate of the district is typical of the arid southwest—the days are dry and warm while the nights are cool. As the district is outside the usual path of the continental cyclonic storms the procession of high and low barometer, warm and cold "spells" and wet and dry periods which characterize the climate of most other parts of the United States is absent. Topography in fact, may be considered the primary factor in the climate.

As previously stated, the district is outside of the path of continental storms and rainfall is caused, for the most part, at least, by rapidly ascending currents of hot air. This rainfall will not vary much over ten year periods but will vary a great deal from year to year.

Clear skies prevail in the region, and it has been estimated by the United States Weather Bureau that Southern Arizona, as a whole, has on the average 210 clear days, 55 partly cloudy and 70 cloudy days per year.

High annual temperature ranges are accompanied by great daily range. A daily range of about 40 degrees is probably common to the whole district.

GEOLOGY OF DISTRICT

In its broad outlines, the geology of the Pinto Valley district involves the geology of the Globe-Miami mining district as a whole and the problems of Physiography, Stratigraphy and structure relating to the region as a whole have been discussed by various writers. For those who find interest in such studies the following reports are suggested:

Ransome, F.L., Geology, Globe Copper District-Professional Paper No. 12.

Wilson, Eldred D., Tungsten Deposits of Arizona. University of Arizona Bulletin No. 148.

ESTIMATE COSTS OF
EXTRACTION AND DEVELOPMENT

Equipment Needed for Development		cost	rental monthly
Semi portable Air Compressor	220 c f m	\$2500.00	\$100.00
Jack Hammer		130.00	20.00
Jack Hammer Steel		25.00	
Detachable Bits		35.00 per 100	
Hose-spuds, etc.		30.00	
100 ft. track, 16#-fishplate		25.00	
Ties--4"x4"x3'		10.00	
Ventilation Tubing		50.00	
B lower		50.00	5.00
2" pipe--800@ 15¢		120.00	
Misc. pipe fittings		12.00	
Shovels, picks, etc.		50.00	
Camp equipment		100.00	
Mine car		5.00	
Blacksmith equipment		75.00	
Nails, bolts, etc.		25.00	

Estimated Cost of
Small Drift per Lineal Foot
(Timbered)

Air and Steel	\$2.65
Track and Ties	0.29
Ventilation	0.50
Timber	0.90
Powder, caps, fuse	1.25
Labor	2.30
	<u>\$7.89</u>

Estimated Cost of
4 x 4 Raine per Lineal Foot

Air and Steel	\$2.65
Ventilation	0.50
Timber	2.40
Powder, cap, fuse	1.00
Labor	2.00
	<u>\$8.55</u>

Prices of Materials and Labor

Miners	\$6.56 per day
Muckers	6.06
Timbermen	7.01
Blacksmith	7.01
Foremen	8.00

Mine timber f.o.b. mine \$50.00 per thousand

An abundance of labor is available at Globe or Miami. It is recommended that Mexican labor be used for this type of mining.

Globe or Phoenix are within easy driving distance and mining supplies are available at either place.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wagner Tungsten

Date May 22, 1945

District Globe-Miami

Engineer A. Macfarlane

Subject: Preliminary Examination

Mine Location: This property is situated along both banks of Pinto Creek in T 3 N, R 14 E, unsectionalized and about 6 miles northerly from Horrell's ranch buildings in Gila County, Arizona, within Crook National Forest.

Roads: To reach this property from Globe highway #70 is followed to where the Castle Dome road junctions with #70, thence turning abruptly to the right a County maintained highway following the drainage towards Pinto Creek reaches Horrell's ranch; this in a general northerly direction about 25 miles from Globe. Following down Pinto Creek some 6 miles further over a meandering narrow road recently made under the orders of Mr. J. A. Keeter, the new camp of the Pinto Mining Company is reached.

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Milling Tests: Samples of the ores were taken to the experimental plant of Arizona University at Tucson, and when crushed to pass a 12 mesh screen, the concentrates assayed 49% WO₃. These concentrates passed through a magnetic separator reduced the volume 50% but raised the value to over 90% tungsten. This is excellent evidence that the ores are amenable to first table concentration, which should be done near the source of the ores. This would raise the 1% to 4% ores up to a marketable product of about 50% tungsten and that the ratio of concentration would be about 1 to 10 and up to 1 to 15.

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The general terrain of the lower Pinto Creek region reaches to 1000' above the valley floor, confining the consideration of a working road to the banks of the stream.

Mill Site: About 1/4 mile upstream above the camp and directly under the tunnels of "Friend in Need" vein there is an excellent site both for mill setting and tailings disposal. A well dug to a depth of 20' on the west bank of the creek would supply at all seasons ample clean water. This could be pumped 500' to head of mill.

Conclusion: First further mine development should be conducted on both the 2 prospected areas, and aim to place in reserve 10,000 tons of such ores as are now in evidence. When this has been accomplished the first unit of 20 tons daily milling capacity might then be logically installed.

A more completed road to Horrel's ranch would not cost over \$1,000.00 if suitable blade or bulldozer is obtained, or for a few thousand dollars, a road from mill to connect with the Apache Highway some 7 or 8 miles north of the mill of the Wagner mine. A road survey for the last few miles of either route would determine the most feasible and lasting route.

This tungsten prospect as I view it now has merit and at moderate investment cost, if the money is first directed entirely towards mine explorations and development, may prove to be of commercial value.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Wagner Tungsten

Date Dec. 15, 1952

District Globe-Miami

Engineer Mark Gemmill

Subject: Present Status

Accompanied by Mr. C. C. Sharp, Roosevelt, Ariz. present owner I visited the property Dec. 10, 1952. No new development work has been done since Mr. Macfarlane examined it in 1945. However some road work has been done making it more accessible. A road has been built taking off the Globe-Roosevelt road about 20 miles from Globe. Although over a rough terrain this new road is fairly good. It is now passable to Pinto Creek a point about 2 miles below the property. The road had been continued up Pinto Creek to the property, but this part is now entirely washed out by flood waters. It was necessary to walk to the property from this point. Also a road has been built from Pinto Creek to the workings on the west side. It would not be expensive to re-open up a road up Pinto Creek but it would be temporary as any flood would take it out.

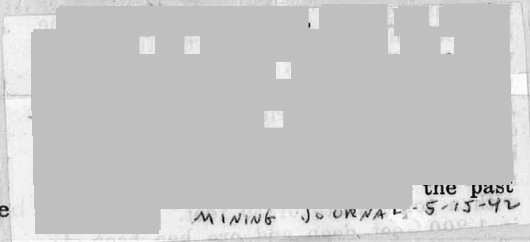
There is not much that can be added to Mr. Macfarlane's report. Until more work on the veins is done it is difficult to say whether or not the property has much merit. The owner wants to lease it but has had no success. I suggested to him that if possible he get some work done to open it up better. If it showed up well he might then be able to lease or sell it. As it now stands it appears to me that it would be difficult to interest anyone in it.

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

DEPT. MINERAL RESOURCES
RECEIVED
JUN 6 1942
PHOENIX, ARIZONA

7-14

- 1. Mine *Friend in Need* ✓
- 2. Location *Pinto creek and 18 miles from Hwy 70.*
- 3. Mining District & County *Globe mining det.*
- 4. Former name *Gila Co*
- 5. Owner *N. F. Kerch & V. E. Wagner*
- 6. Address (Owner) *Box 97 Miami Ariz*
- 7. Operator *same*
- 8. Address (Operator) *Box 97 Miami Ariz*
- 9. President, Owning Co. *V. E. Wagner*
- 9A. President, Operating Co.
- 10. Gen. Mgr.
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Men Employed
- 14. Principal Minerals *Ironstone, Hucbuckle, Shetite*
- 15. Production Rate
- 16. Mill: Type & Cap. *needed*
- 17. Power: Amt. & Type



18. Operations: Present
'Friend in Need' is "one" claim in Group of 6 adjoining, all claims carry ore veins, and are owned by V. E. Wagner.

19. Operations: Planned

20. Number Claims, Title, etc. *(Friend in Need) 11: one but there are 5 additional claims adjoining, owned by V. E. Wagner, all titles are clear and on record.*

21. Description: Topography & Geography *about 460ft above Pinto creek bed, plenty water in creek year round*

22. Mine Workings: Amt. & Condition
3 adits showing ore - vein from 28 to 52 inch wide, exposed for 200ft on surface on Friend in need claim.

23. Geology & Mineralization

is in *Agonostit* in quartz veins

24. Ore: Positive & Probable, Ore Dumps, Tailings

appear amount of ore in sight
30ft high average 3ft. thick carrying 2 1/2 percent

24A. Dimensions and Value of Ore body

according to Engineer's report about
2 000 tons in sight. But know how much below

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

Road passable for old style car. down *Quits*
creek, Bull down could make fair road in 2 days

27. Water Supply

with water year round, spring between *Stinking*
Quits and in *Red*, and *Red* *Red* group.

28. Brief History

found and located in spring of '88. all work done
since

29. Special Problems, Reports Filed

but no machinery and not complete, but in
some of the mill and tank, have *concern* report.

30. Remarks

Red *Red* group found in *Mill* on all connected
and go to Quits, but on opposite side of creek

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

for sale, price of *property*
\$ *2000.00* or 10% of net *value* out.

32. Signature

W. P. [unclear]

33. Use additional sheets if necessary.

was accepted for a \$20000.00 loan. Govt

MR-13

card

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Geology & Mineralization

Date 1-11-40

Mine Redbird Group

District Globe Mining District

Location Lower Pinto Creek 6 mi. down-stream from Horral Road. *Ranch*

Former name

Owner Victor E. Wagner ✓

Address Box 688, Globe, Ariz.

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Tungsten - (Hubnerite) ✓

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type No

Operations: Present Own work.

Operations Planned Doing own work - needs money.

Number Claims, Title, etc. 14 claims.

Description: Topog. & Geog. Rough.

Mine Workings: Amt. & Condition Opened 6 to 12 in. wide. 6 veins - 10% or better.
25 to 30 ft. 45 on one.
700 ft. stoping ground above creek bed.

Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings In veins - about 12 tons of ore on dump ready to ship.

Mine, Mill Equipment & Flow Sheet No.

Road Conditions, Route Can get in with 2 ton truck for 6 miles west of Miami. Then road (C.C.C.) good to highway 70 (12 mi.).

6 mi. w. of Miami at cattle guard turn to right. 3 mi. from top of world filling sta. to where turn in to left. Do not take car unless know road.

Water Supply Plenty for mill.

Brief History In March 1938.

Special Problems, Reports Filed Needs financing.

Remarks Has analysis.

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

Signed.....Victor E. Wagner.

Use additional sheets if necessary.

IN REGARDS TO RED BIRD GROUP OF CLAIMS.

Have opened up four tunnels average 40 ft. at about 450 ft. above creek bed along veins, by driving crosscut at lower levels then now opened up. Can cut at least 15 veins of good ore with 600 ft. tunnel at 300 ft. above creek bed.

By cutting tunnel at creek bed, more veins can be cut with possible total stoping ground of about 700 ft. with tunnel length of about 1500 ft, (on east side of Creek bed). On west side of creek bed the same can be said, only the veins are more massive in places, up to 4 ft. thick, and run about 3/00 to 4/00 on surface in places. All veins run in north-southerly directions. Many veins I have not been able to open up, owing to financial inability.

The least percentage I got from Wolf Tongue Co. analysis of Nederland, Colo. was /.79 on quartz I thought was nil, (best 10/33 on 30 lbs. grab sample).

Mr. Wilson of U. of Ariz. was only technical man in here and can give a picture of possibility of this district.

There is plenty water even now, for mill.

No trouble to come in with Ford or Chevrolet car, it's 18 miles from Highway 70 to mines.

Will take at least 10 days time to cover ground for general inspection of ground, glad to show any time.

/sd/ Victor E. Wagner.

MR-13

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Geology & Mineralization

Date 1-11-40

Mine Red Bird Group
District Globe Mining Dist

Location lower Pinto Creek
6 mi down stream from
Horral Ranch.

Former name
Owner Victor E. Wagner

Address Box 688 Globe Az

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals tungsten - ^{subnite}bernite

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type no.

Operations: Present - own work.

Operations Planned doing own work - needs money.

Number Claims, Title, etc. 14 claims

Description: Topog. & Geog. rough

Mine Workings: Amt. & Condition opened 6 to 12 in. wide x
6 veins - 10% or better
25 to 30 ft. 45 or one.

700 ft sloping ground above creek bed is
(over)

Use additional sheets if necessary

Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings *in veins - about 12 tons of ore on dump ready to ship.*

Mine, Mill Equipment & Flow Sheet *no.*

Road Conditions, Route *car* *Get in with a ton truck for 6 miles & then road (ccc) good to highway 70 (12 mi).*

Water Supply *Plenty for mill*

6 miles w. of Miami at cattle guard turn to right. 3 mi from top of world filling station to where turn in to left. Do not take car unless know road

Brief History *In March 1938.*

Special Problems, Reports Filed *Needs financing.*

Remarks *has analysis.*

If property for sale: Price, terms and address to negotiate. *See for reasonable amount.*

Signed *Victor E. Wagner*

In regards to Red-bird group of claims:

Have opened up four tunnels average 40ft. ^{at about 450ft above creek bed.} along veins, by driving crosscut at lower levels then now opened up, can cut at least 15 veins of good ore. with 600ft tunnel at 300ft above creek bed!

By cutting tunnel at creek bed, more veins can be cut with possible ^{total} stopping ground of about 700ft. with tunnel length of about 1500ft. (on east side of creek bed.)

On west side of creek bed the same can be said, only the veins are more massive in places, up to 4ft thick, and run about $3\frac{1}{2}$ to $4\frac{1}{2}$ on surface. in places. all veins run in north-southly directions. Many veins I have not been able to open up, owing to financial inability.

The least % I got from Half Tongue lvs Analyses of Midland lvs was 79 on quartz I thought was mill. (best, 10/33 on 30 lbs grab sample)

Mr. Wilson of U. of Ariz. was only technical man in here and can give a picture of possibility of this district.

There is plenty water even now, for mill.

No trouble to come in with Ford or Chevy car. its 18 miles from Hwy 70. to mines.

Will take at least 1 days time to cover ground for general inspection of ground, glad to show any time

Victor E. Wagner.

Additional to No 33

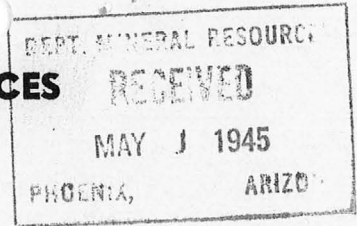
It seems the reason the applicants of Govt loan did not go ahead with deal is - they had to show good faith by putting up some of their own money. I was told Govt loan went through.

Victor E. H. ...
owner of land



DEPARTMENT OF MINERAL RESOURCES

**REPORT TO OPA ON
ACTIVE MINING PROJECT**



Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

Date..... April 20th, 1945

Name of Mine..... Pinto Creek Tungsten

Owner or Operator..... J.A. Keeter

Address..... Box 81 Globe, Arizona.

Mine Location..... 30 miles northwest of Globe Pinto Creek cuts thru the claims

PRESENT OPERATIONS: (check X)

Production.....; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's ^{daily} ~~occasional~~ trip.....;

Other (specify).....

PRODUCTION: Past and Future.

	Tons
Approx. tons last 3 months	Idle
Approx. present rate per 3 months	150
Anticipated rate next 3 months	300
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	1	80	2,500 Miles
Light or Service Trucks	167
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals. Tungsten

REMARKS:

..... The applicant has been engaged with a few men in constructing a road into his mine, and is now ready to start mining and marketing ores to the Tungsten mill at Tucson.
 Recommended per month up to 167 Gals.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By *A. Macfarlane*

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

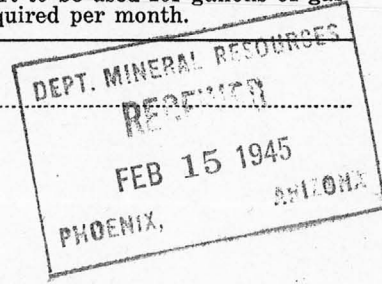
Date February 13 1945
 Name of Mine Pinto Creek #3 Tungsten
 Owner or Operator J.A. Keeter
 Address Commerable Hotel Globe Ariz
10 miles South of Roosevelt East end of lake
 Mine Location

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) repairing old road

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months 50

Anticipated rate next 3 months 50

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	<u>60</u>	<u>750</u>	<u>75</u>
Light or Service Trucks
Ore Hauling Trucks
Compressors
Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Tungsten

REMARKS:

Starting mining of Tungsten & shipment of same to Tucson plant

By A. Marfush

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

413 Home Builders Bldg.

June 10, 1942

Mr. Victor E. Wagner
Box 97
Miami, Arizona

Dear Mr. Wagner:

I am enclosing a copy of Mine Owner's Report
filed with this department covering the FRIEND IN NEED
MINE in Gila County.

I shall be glad to submit this report to anyone
making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and
with best wishes, I am

Yours very truly,

J. S. Coupal, Director

JSC:LP
Enc.

XXXXXXXXXXXXXXXXXXXXXXXXXXXX

413 Home Builders Bldg.

June 1, 1942

Copy

Mr. Victor E. Wagner
Miami, Arizona

Dear Mr. Wagner:

In reply to your letter of May 29 I note that the Redbird and Friend in Need Groups are now open. I find that we do not have a Mine Owner's Report on the Friend in Need Group but that we do have one on the Redbird.

I am enclosing a Mine Owner's Report blank and suggest that you fill this Mine Owner's Report out in detail on the Friend in Need Group so that we may have it in our files to present to any inquiries which may be interested in a property such as yours. The more complete information there is, the better chance we have of interesting a serious minded group.

Very truly yours,

J. S. Coupal, Director

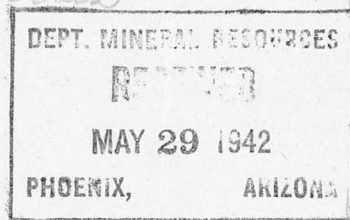
JSC:LP
Enc.

Miami Ariz May 27, 1942

Department of Mineral Resources

Phoenix Ariz

Gentlemen:



Giving to delay as well as nonpayment of payments ^{due} by lessees of my tungsten mines on Pinto creek, I wish to state that the Redbird group and Friend in Need group are open to anyone willing to operate them, and I mean work.

They were found satisfactory for a Government loan, and I understood the loan was granted, but it seems the parties -

The Pinto tungsten Co, of El Dorado Kans and Miami Ariz. have no interest in getting anything done, as no move has been made towards starting, not even as much as looking at it, nor complying with option payments as per contract.

So if you have anyone that is actually

interested in doing what is known as
mining, they can go right at it.

For more information, as to the property's
potentialities, Mr. W^m Gohring, might give
information, as he examined it for a
Federal loan, of \$20,000.00

My Sale or lease conditions are the same
as I gave Pinto bank Co. \$18,000.00 or $\frac{10}{100}$ royalty
but they will have to go to work, as soon
as machinery can be secured, or pay
\$100.00 a month till they get going, it not
counting on principal.

Payment to be made on first of each month
in advance.

You will find no obstacles thrown in the way
to hinder work, as far as I am concerned.
I have all contract or lease conditions ready,
to anyone interested.

Yours truly

Victor E. Haguer
Miami Ariz

January 28, 1942

Mr. Victor E. Wagner,
Box 97,
Miami, Arizona.

Dear Mr. Wagner:

I have your letter of January 27.

The man that you met in our office was Dr. F. W. Horton and he can be reached by addressing him at the U. S. Bureau of Mines, Washington, D. C. He is in charge of tungsten investigation.

I am very sorry to learn that the deal regarding your Red Bird claims was called off but I feel sure you will be able to make another deal soon as tungsten is very badly needed.

Of course, one of the difficulties in dealing with some of these people who know nothing about mining is that they expect too much of a mine and they do not understand the requirements.

I presume that, inasmuch as you have no deal on, you will want us to reinstate your mine as available in the Department files so that we can show it to those who may be interested. We will do so.

With kindest personal regards and best wishes, I am

Yours very truly,

CHARLES F. WILLIS, Chairman
Board of Governors

CFW:MH

K. Miami Ohio July 27th 42

Mr Chas F. Willis

Dear Sir:-

Could you give me the address of Mr Norton, or Morton, you remember the Gent. I met at your office, that came from Wash. D.C. to check up on Tungsten ore? -

Had deal I told you about regarding my Red Bird claims on Pinto creek, is off, as the ^{\$}100.00 a month payment was not made,

The Miami Co. was not the purchaser, although Miami Copper Co Engineers, made the survey & report. The "backers" were some Kansas, oil millionaires, farmers, from Augusta Kans.

They actually have the money, but are so tight, that it staggers any "Schottsmans" story you ever heard. and next time I see you, I'll tell you what actually happened. in Augusta Kans in 1917, where I happened to drill some of the

first oil wells, that made these same men millionaires; through no effort on their part, as the oil royalty was paid by the oil Co. through the bank, to these farmers.

I took them down to the claims, on the last day of their time, after giving them 10 days grace.

They decided that \$100.00 a month was too much money to pay out; besides, they thought the whole mountain would run, at least \$250.00 a ton and could be taken with a steam shovel.

When I learned the identity of the principal backers, I knew I was dupe No 1.

I know the Engineers would hide under the nearest grain of sand, if they knew. (That is, if they thought they found a sugar daddy to sweeten their bankroll through these fellows.)

I guess it's all in a days experience and life, but that does nobody any good in times like this, we need metal, not bickering. So if we can interest the right men, now is the time

Had I known, who the people back of the

man that contacted me were, I never would have even considered it one moment, nor given any grace when the time was up. For I knew those fellows.

Next time I hope to know more so there wont be any time wasted.

I lost the sight in one eye, and am anxious to sell the mine, the ore is there, the title clear, and I am not wanting the world and a golden fence around it. only enough so I wont have to starve any more

Yours truly

Victor E Hagen

box 97 Miami
Ariz

BOARD OF GOVERNORS:

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DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

CAPITOL BUILDING
PHOENIX, ARIZONA



J. S. COUPAL, PHOENIX
DIRECTOR

W. J. GRAHAM, PHOENIX
ASSISTANT TO THE DIRECTOR
AND SECRETARY TO THE
BOARD OF GOVERNORS

FIELD OFFICES AT
GLOBE - KINGMAN
PRESCOTT - TUCSON

July 11, 1940.

REPLY TO

Mr. Victor E. Wagner,
Box 688,
Globe, Arizona.

Dear Mr. Wagner:

I am enclosing herewith a copy of Mine Owners Report which you have filed with the Department of Mineral Resources covering your property.

If you have any additional information on this property, I should suggest that you forward it for filing with this report.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-amh

P.O. Box 688. Globe Ariz. Jan'y 4th 40
Arizona Dept. of Mineral Resources.
Gentlemen!

I see by my "Pay Dirt" of Dec 26th 39
that your dept. is anxious for "strategic" mineral
information, and would assist in sales, financing
etc. Now I wish to state, that I have a group
of Huebnerite tungsten claims; some fairly rich veins
going better than 10%. I have around 14 claims,
5 tunnels in to good ore veins, several veins, also good,
I have been unable to develop, on acct of finances.
Could ship a good many tons of 5% + plus grade ore.
if I had equipment; my lowest assay, I got from ore I
thought was "Nil" run .79. The better grade goes 10% Plus
I have year around plenty water for mill. in center of
group of claims, potential output would just depend
on equipment, anyway one ton U.O.₃ daily. (Plus)
possible stopping ground about 700ft above creekbed.
Average width of good veins 8-12 inches. as far as opened up,
I have no idea how many smaller veins, anyway over 50.
although several are 3ft thick, but thinning. (maybe 2%)
There would be 6 miles of road to build, either upstream or
down, but bulldozer could do it in ^(one) week. if they worked,
I would sell, provided, I got reasonable figure, and "Money"
instead of "Jaw-bone". as I have real ore too. not B.S.

No. 2.

If the department can contact me with good reliable concerns; there should be no trouble in developing a good tungsten field, or make deal. I have complied with the lawful requirements as to the assessment work, and the ore at terminal months speak for themselves, as do veins in face of terminals. My son, also brother, have grubstaked me, so far. Had fellow with me on ^(promise) original claimstake 2 years ago, but he has failed to work any 39 or 40 assessment now to contribute to same whatsoever, and do not know of his whereabouts. I did all work alone, as I can prove. So here is the whole layout, to date.

Examinations of my property will bear me out, all I ask is "reasonable, fair deal," and someone can get in possession of some mighty good property.

Yours truly

Victor E. Wagner

Box 688, Globe Ariz.

P.S. My claims are on lower Pinto Creek, 6 miles down creek from Haral Ranch. I drive in here with car, from Miami, and always at mines, except when I go out for supplies.