



CONTACT INFORMATION

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LONE STAR

ALTERNATE NAMES:
LUCKY THREE

YAVAPAI COUNTY MILS NUMBER: 343

LOCATION: TOWNSHIP 11 N RANGE 5 W SECTION 17 QUARTER NW
LATITUDE: N 34DEG 17MIN 56SEC LONGITUDE: W 112DEG 47MIN 52SEC
TOPO MAP NAME: WEAVER PEAK - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
GOLD
TUNGSTEN

BIBLIOGRAPHY:
USGS WEAVER PEAK QUAD
ADMMR LONE STAR MINE FILE KIRKLAND DISTRICT

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

April 2, 1958

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

Lone Star Mine
(Property)

Tungsten & Gold
(ore)

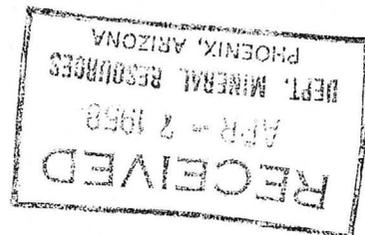
We have an old listing of the above property which we would like to have brought up to date.

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



March 23, 1942

Mr. R. R. MacDonald
1315 W. Jefferson St.
Phoenix, Arizona

Dear Mr. MacDonald:

I am enclosing herewith a copy of mine owner's report filed with this department covering the LONE STAR MINE in Yavapai County.

I shall be glad to submit a copy of 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

JSC:LP

Enc.

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
Mine Owner's Report

Date: March 13, 1942

1. Mine: LONE STAR MINE
2. Location: 8 miles southwest of Kirkland, Arizona; 14 miles from Yarnell, Arizona and 34 miles from Prescott, Arizona.
3. Mining District & County: Kirkland Mining District, Yavapai County, Arizona.
4. Former Name:
5. Owner: R. R. MacDonald
6. Address (Owner): 1315 West Jefferson St., Phoenix, Arizona.
105 So. 1st Ave.
7. Operator:
8. Address (Operator):
9. President - Owning Co:
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Tungsten & Gold
11. Mine Supt:
15. Production Rate:
12. Mill Supt:
16. Mill - Type & Cap:
13. Men Employed:
17. Power - Amt. & Type:

18. Operations - Present:

19. Operations - Planned:

20. Number Claims, Title, etc: Two claims by location since 1917.

21. Description - Topography & Geography: 5,000 ft. elevation - no heavy grades to mine. Good automobile road right to workings.

22. Mine Workings - Amt. & Condition: One shaft 55 ft. deep (vertical).
Open cuts.
Water 550 ft. from collar of shaft on No. 1 Claim. Two wells.

(over)

23. Geology & Mineralization: Contact vein Hornblend schist reef for foot wall; Pegmatite granite for hanging wall. This reef can be traced for miles.
24. Ore - Positive & Probable, Ore Dumps, Tailings:
- 24A. Dimensions and Value of ore body: Ore samples run from 1½ to 4½ per cent Wolframite and scheelite. The vein varies in width from 8 to 30 inches.
25. Mine, Mill Equipment & Flow-Sheet:
26. Road Conditions, Route: Good road. Take White Spar Highway to Peeples Valley Highway Maintenance Camp, 2½ miles north of Hays Cattle Co. Ranch. Wire gate just this side of Maintenance Camp on left hand side. Stay on left hand well beaten roads.
27. Water Supply: Two wells of water. With a little more development for storage there would be sufficient water for at least a 25 ton mill. Water stands within four feet of surface.
28. Brief History: This property was worked in 1917 and 1918 for the crude ore, which was shipped to Tucson, that ran 60% WO₃. This was cobbled ore. This ore was shipped in small lots from a few hundred lbs. to a thousand pounds.
29. Special Problems, Reports Filed: 10 months out of the year ideal working conditions.
30. Remarks: There was a ten ton mill on the property in 1935 and 1936. There has been several carloads of gold ore from the surface shipped and milled at the Congress Gold Company's mill at Congress. Shipped by Jim Regan and William Kenison. This gold ore all carried good tungsten values.
31. If property for sale - Price, terms and address to negotiate: The sale price on the mine is \$6,000.00; Terms \$100.00 down and \$50.00 per month until production starts - then \$100.00 a month and 10% royalty on all ore shipped or milled; all payments and royalty to apply on purchase price - the \$6,000.00 to be paid in eighteen months.
32. Signature: (SIGNED) ROBERT R. MacDONALD,
1315 W. Jefferson Street,
Phoenix, Arizona

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

DEPT. MINERAL RESOURCES
MAR 9 1932

Date Mar 13

- 1. Mine Lone Star Mine
- 2. Location This property is 8 miles southwest of Kirkland. 14 miles from Yarnell + 34 miles to Prescott.
- 3. Mining District & County Kirkland Mining Dist Yavapai Co
- 4. Former name
- 5. Owner R. R. Mac Dougal ✓
- 6. Address (Owner) 105 S. 14th Ave, -5-6-4. 1315 W Jefferson St Phoenix Arizona ✓
- 7. Operator
- 8. Address (Operator)
- 9. President, Owning Co.
- 9A. President, Operating Co. ✓
- 10. Gen. Mgr.
- 11. Mine Supt.
- 12. Mill Supt.
- 13. Men Employed
- 14. Principal Minerals Tungsten + Lead ✓
- 15. Production Rate
- 16. Mill: Type & Cap.
- 17. Power: Amt. & Type
- 18. Operations: Present

19. Operations: Planned

20. Number Claims, Title, etc. Two Claims by location since 1917

21. Description: Topography & Geography 5000 ft elevation, no heavy grades To mine good automobile road right to workings

22. Mine Workings: Amt. & Condition One shaft 55 ft deep, vertical Open cuts. Water 550 ft from collar of shaft on No 1 claim. 2 wells

23. Geology & Mineralization Co. Tact vein Hornblende schist reef for
pegmatite granite for hanging wall. This reef can be traced
for miles

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

24A. Dimensions and Value of Ore body Ore samples run from $1\frac{1}{2}$ to $4\frac{1}{2}$ per
cent Wolframite and Scheelite. The vein varies in width from 8 to
30 inches

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route Good - Take White Spar Highway to Peoples
Valleys Highway maintenance camp, $2\frac{1}{2}$ miles north of Hays Cattle
ranch. Wire gate just this side of maintenance camp on left
hand side. Stay on left hand well beaten roads.

27. Water Supply 2 wells of water. With a little more development for
storage there should be sufficient water for at least a 25 ton mill. Water
stands within four ft of surface.

28. Brief History This property was worked in 1917 + 1918 for the crude ore
which was shipped to Tucson that was 60% W_3 , this was
labeled ore. This ore was shipped in small lots from a few hundred
lbs to a thousand pounds.

29. Special Problems, Reports Filed 10 months out of the yr ideal working
conditions

30. Remarks There was a ten ton mill on the property in 1935 + 1936
80% ore was milled. There has been several carloads of gold
ore from the surface shipped to milled at The Congress Gold
Co's mill at Congress. Shipped by Jimi Regan + William Kemmerer
this good ore all carried good tungsten values

31. If property for sale: Price, terms and address to negotiate. The sale price on the mine is \$6,000
terms \$100.00 down + \$50.01 per mo. until production starts, then \$100.00
per month and 10% Royalty on all ore shipped or milled all payments + Royalties to apply
in purchase price. The \$6,000 to be paid in 18 mos.

32. Signature Robert R Macdonald

33. Use additional sheets if necessary.

Copy

Copy of Seal
original.

Kirkland, Arizona,
July 14th, 1932.

Mr. Dod. G. Gibson,
1019 Ambassador Building,
St. Louis, Mo.

Dear Sir:-

By request of Mr. Hines, I am forwarding you some data on the Lone Star and Lucky Three claims and such information as may be of interest regarding the present operation.

The attached description is not exactly up to date, but will give you a good general idea of both properties. This description is reasonably accurate and was made up by H. C. Smooth, assayer at Prescott.

The Lucky Three, in my opinion, is the major potential producer of gold and with this in mind we are concentrating on this property at present. By consulting claim sketch on description you will note position and depth of shafts.

Shaft A and B, as shown on sketch, are connected by a drift at the 60 ft level, water standing within a few feet of this level, and as we have no means of unwatering at present will have to confine test work to area above the 60.

The country rock is granite, as is common with the properties of this and other districts which form a belt some twenty miles wide and forty miles long and have been responsible for the gold production of Yavapai County. The Lucky Three is a shattered area in granite, gold values being associated with hematite and copper silicate, and bedded along cleavage planes in minor faults in the granite. The strike of ore is regular and will probably prove to be a typical fissure vein with further development. This is indicated by workings about 800 ft. east of the present main working shaft.

A group of 16 samples taken by me last month gave values without sorting of from \$6.00 to \$15.00 per ton. Ore available, or I should say positive ore, measures about 800 tons which with proper mining and sorting will give \$10.00 per ton or better. There is good ore showing in both the east and west face, and aside from slight displacement faulting has not disturbed the general strike of ore. The width of ore between wall varies from 3 to 8 feet and on a larger tonnage basis no sorting would be required other than removing coarse granite boulders.

We have replaced the little Straub Rib-cone ball mill, mentioned in description, with a 12-15 ton Straub stamp mill which will provide for a larger tonnage and is more suitable for amalgamation. At this time we are running mill twelve hours per day, but have not yet installed compressor so are rather handicapped with regard to mining better grades of ore. Mill tonnage to date has been ~~xxx~~ from dump screenings, and is paying all expense of operation. The Straub mill on screenings

has been handling approximately 1/2 ton per hour.

Present crew consists of four men beside myself, one man on truck, three men at Mine and I am running the mill in order to handle test data.

Have made a survey of the property and will complete map within the next few days, forwarding same to you. Worked 12 hours in the mill today so you will pardon the sketchy type of letter. Will have something more complete within a short time.

I have been over the ground thoroughly and while the property is in early stage of development I am of the opinion that the present showing fully warrants the expenditure of the small amount that would be required to place it on a larger operating basis, open ore shoots and place workings in condition to produce at least 50 tons per day. In fact, was preparing to do ~~so~~ this work on my own account when Mr. Hines arrived from St. Louis.

Assays, amalgam weights, geology and maps later.

Very truly yours

(Sgd) Geo. Kullbride,
Mining Engineer

Formerly Oro Blanca

Smooth, Assayer, Prescott.

Description of Equipment
of Lone Star Mine
Location: Kirkland-Weaver
Mining District, 8 miles
South of Kirkland, Ariz.
30 Miles So. of Prescott
5½ Miles off White Spar
Highway, turning west
from Maintenance Highway
Camp in Peeples Valley.

Equipment:

- 1 Mill building complete, mill excavation for 50-ton mill 10 stamp, 1000# per stamp. 5 stamps to the battery. Two feeders, two batteries, two tables, complete with all fittings. Timbers etc. Dismantled on this property. Ready to be put up.

Present Equipment in use:

- 1 Boarding House - 3 rooms, two bunk houses,
- 1 2½ inch pipe line - water 1000ft long in and complete
- 1 Pump which ~~throws~~ throws 33 gals per min. Elev 450 feet.
- 1 3000gal tank on hill with gravity flow into mill
- 1 4 HP Fairbanks Morse vertical hit and miss power for the pipe line.
- 1 Circular ten stamp Straub mill - 12-15 ton
- 1 Deister comb. sand and slimes table 40 ton
- 1 40-ton ore bin and bunker automatic feeder
- 1 25-ton Dodge type jaw crusher.
- 2 1 ton cars and 500 feet of track.
- 1 Gallows frame in and complete with ore chute and gate for loading trucks.
- 1 Grizzley and screen and screen mounted on ore bin.
- 1 Camp equipped for accomodating ten people.
All roads in and complete and in very good shape.

Water: Two wells, one spring, living year around. At present we are using one well for the mill which is sufficient.

Development: 1000 ft of tunnels, gold quartz blocked out in these, 1500 tons. Average \$10.00 per ton. on Louise claim.

On Lucky Three Claims one gold-copper vertical vein outcropping for 1800 ft on surface.

Two shafts, No. 1 - 75 feet deep. No. 2 - 150 ft deep.

Drifts on fifty ft level from No. 2 to No. 1 on vein

Development (Cont)

Ore blocked ~~12x1000~~ 1200 tons.

3-day mill test run on ore taken from these shafts run by Mr. Don Finlayson of the Vulture Mine at Wickenburg, assaying heads - plate tails, concentrates and tailings every 15 mins. during run.

Heads \$15.20 gold per ton
Concentrates - 10 to 1 - \$69.50 gold per ton
Tailings on last days' run was cut to around 90 cents per ton.

One tungsten vein averaged 3 feet in width vertical running about \$5.00 gold and ~~2x50x~~ 2 1/2% in tungsten outcropping 1500 ft - two shafts. - no 1 - 80 ft. 2 - 40

One large deposit of fishbone mica, silica and felspar

Geological

The country rock is granite as is common to this and other districts which form a belt some 20 miles wide and 40 miles long and have been responsible for the gold production of Yavapai County. The Lucky/Three Claim is a shattered area in granite gold values being associated with hematite and a copper silicate and bedded along cleavage planes in the granite. The strike of ore is regular and will probably prove to be a typical fissure vein. With future development. This indicated by workings about 800 feet east of the present main working shaft and also on workings on the other end of the strike of the vein.

DIXON HINES,
Owner.

Dict to
JRW by
Mr Hines.

Equipment necessary to purchase to start production:

- 1 150 in. Sullivan Compressor - 1 water hose - 1 airho
- 1 Pressure tank - 1 Cochise wet hammer - 2 sets of ste
- and sharpener - 1 cross-bar column and upright and wig
- tail - 1 air tugger

These can be purchased by me for the sum of \$860. complete. 25% down and balance monthly.

\$1000.00 will take care of these items, gas, oil and groceries, also payroll up to the time we get our returns.