



CONTACT INFORMATION

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07/01/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: SILVER QUEEN PROPERTY

ALTERNATE NAMES:

LAKEL CLAIMS
STAR CLAIM
OLIVE CLAIM
WOULD-BE-EXPERT CLAIM

PINAL COUNTY MILS NUMBER: 140

LOCATION: TOWNSHIP 3 S RANGE 13 E SECTION 1 QUARTER N2
LATITUDE: N 33DEG 12MIN 19SEC LONGITUDE: W 110DEG 58MIN 16SEC
TOPO MAP NAME: HOT TAMALE PEAK - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

GOLD
SILVER
LEAD
COPPER
ZINC
MOLYBDENUM

BIBLIOGRAPHY:

ADMMR SILVER QUEEN MINE FILE

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ADMMR SILVER QUEEN MINE FILE

SILVER QUEEN MINE

PINAL COUNTY

See: Casa Grande (Mines File) Casa Grande History Report (in Cimarron mts.
So. of Vekols) Pima Co.

17 November 1941

Mr. Leo Wall,
Ray,
Arizona.

My dear Mr. Wall:

I am enclosing herewith a copy of Min. Owner's Report prepared from Report on the Lakel Mining Claims, which you left in this office for filing, and which I am returning herewith.

You will note that a copy has also been made of this report, and I shall be glad to submit it to anyone making inquiry for a property such as this.

With best wishes, I am

Yours very truly,

Charles F. Willis
Chairman, Board of Governors

CFW-jrf
encls.

Registered Mail
Return Receipt Requested.

Form 3806 (Rev. Jan. 21, 1935)

Receipt for Registered Article No. **10917**
Registered at the Post Office indicated in the Postmark

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Declared value 20 Surcharge paid, \$

Return Receipt fee 2 Spl. Del'y fee
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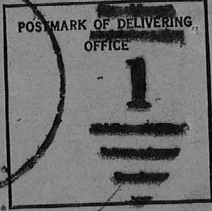
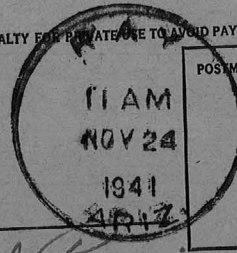
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PHOENIX,
ARIZONA.

Form 3811
Rev. 1-4-40

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Received from the Postmaster the Registered or Insured Article, the original number of which appears on the face of this Card.

1

✓ *Geo Wall*

(Signature or name of addressee)

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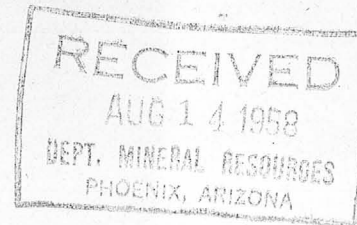
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ARIZONA DEPARTMENT OF MINERAL RESOURCES
MINERAL BUILDING, FAIRGROUNDS
PHOENIX, ARIZONA



August 1, 1958

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

✓ Silver Queen Mine (Pinal County) ✓ gold, copper, lead
(Property) (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

This mining property now belongs to Kennecott Copper Corporation,
Ray Mines Division, Ray, Arizona.

✓ Leo Wall
Leo Wall

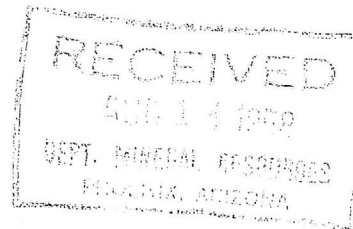
Box 144
RAY, ARIZ

SILVER QUEEN MINE

PINAL COUNTY

See: Casa Grande (Mines File) Casa Grande History Report *(in (Mines) 45
S. of Verde) Pinal Co.*

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



August 1, 1958

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Frank P. Knight

FRANK P. KNIGHT,
Director.

Enc: Mine Owner's Report

This mining property now belongs to Kennecott Copper Corporation,
Ray Mines Division, Ray, Arizona.

Leo Wall
Leo Wall

17 November 1941

Mr. Leo Wall,
Ray,
Arizona.

My dear Mr. Wall:

I am enclosing herewith a copy of Min. Owner's Report prepared from Report on the Lakel Mining Claims, which you left in this office for filing, and which I am returning herewith.

You will note that a copy has also been made of this report, and I shall be glad to submit it to anyone making inquiry for a property such as this.

With best wishes, I am

Yours very truly,

Charles F. Willis
Chairman, Board of Governors

CFW-jrf
encls.

Registered Mail
Return Receipt Requested.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

Date: September 28, 1941

1. Mine: SILVER QUEEN, MINE
2. Location: 2 miles northeast of Ray, Arizona in Rustler's Gulch.
3. Mining District & County: Mineral Creek Mining District, Pinal County.
4. Former Name:
5. Owner: Leo Wall
6. Address (Owner): Ray, Arizona.
7. Operator:
8. Address (Operator):
9. President, Owning Co:
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Silver, Gold, Copper, Lead, Zinc and molybdenum.
11. Mine Supt:
15. Production Rate:
12. Mill Supt:
16. Mill - Type & Cap:
13. Men Employed:
17. Power - Amt. & Type:
18. Operations - Present: None.
19. Operations Planned: Pending financing to further develop and install mill.
20. Number of Claims, Title, Etc: 24 claims - in one group with exception of one claim. Title in name of L. L. Lakel.
21. Description - Topography & Geography: Covers the southwest slope of Mascal Hill, rather precipitous topography cut by several deep washes.
22. Mine Workings - Amt. & Condition: Several shafts and tunnels - all on ore, in good condition and accessible.

DEPARTMENT OF MINERAL RESOURCES

State of Arizona
MINE OWNER'S REPORT

Date: September 28, 1941

1. Mine: SILVER QUEEN MINE 2. Location: 2 miles northeast of Ray, Arizona in Rustler's Gulch.
3. Mining District & County: Mineral Creek Mining District, Pinal County.
4. Former Name:
5. Owner: Leo Wall 6. Address (Owner): Ray, Arizona.
7. Operator: 8. Address (Operator):
9. President, Owning Co: 9A. President, Operating Co:
10. Gen. Mgr: 14. Principal Minerals: Silver, Gold, Copper, Lead, Zinc and molybdenum.
11. Mine Supt: 15. Production Rate:

12. Mill Supt:

13. Men Employed:

SILVER QUEEN MINE		
Ag, Au, Cu, Pb, Zn, Mn		
Pinal	11 - 1	T 3 S, R 13 E
Leo Wall, Box 144, Ray		

18. Operations - Present: None.

19. Operations Planned: Pending financing to further develop and install mill.

20. Number of Claims, Title, Etc: 24 claims - in one group with exception of one claim. Title in name of L. L. Lakel.

21. Description - Topography & Geography: Covers the southwest slope of Mascal Hill, rather precipitous topography cut by several deep washes.

22. Mine Workings - Amt. & Condition: Several shafts and tunnels - all on ore, in good condition and accessible.

23. Geology & Mineralization: Complex of granite, schist, quartzite and limestone cut with diorite and porphyry intrusions.
24. Ore - Positive & Probable, Ore Dumps, Tailings: No ore actually blocked.
Veins show about 4 feet wide.
- 24A. Dimensions and Value of Ore body: Not enough work to show extent of ore bodies.
25. Mine, Mill Equipment & Flow Sheet: None.
26. Road Conditions, Route: 2 miles from Ray. Rough but passable roads.
27. Water Supply: Water at 25 foot depth in shaft.
28. Brief History: High grade silver-lead ore has been recorded in the two of the shallow shafts.
29. Special Problems, Reports Filed: Geological conditions indicate a large body of good milling ore should occur at a depth of 600 to 700 feet. Values in lead near surface will change to copper in depth.
30. Remarks:
31. If property for sale - Price, terms and address to negotiate:
For sale - see owner for terms.
32. Signature: LEO WALL,
Ray, Arizona.

Leo Wall - owner

Silver Queen Mine - 2 miles
northeast of Ray

REPORT OF THE LAKE MINING CLAIMS

The Lake Claims, a block of twenty-four mining claims, lies in the Mineral Creek Mining District, Pinal County, Arizona, about two miles northeast of the Ray Consolidated Copper Company's holdings at Ray, Arizona.

The property lies along Rustler's Gulch, and covers approximately the entire southwestern slope of Mascal Hill. The original location was made in 1914 by J. Sherlock, and consisted of a block of six claims. L. L. Lake, the present title holder, during the period of 1916 and 1917 purchased Sherlock's claims and located the remainder of the present group, which is unbroken, except for a single claim, the Loeb property which lies at the southern end of the group.

The group lies in one of the most heavily mineralized districts in this part of the state and is in direct line with the commercial ores belt stretching from Oracle to the Magna holdings at Superior, Arizona. Professor Ransome of the University of Arizona, also Government Geological Surveyor, after an extensive geological study of this district in the Ray Quadrangle states that the Dripping Springs Range of mountains, of which the Mascal Hill is a part, presents all indications of a rich mineral field in this particular district. For future geological references see Geologic Atlas of the United States, Ray Folio No. 217, by F. L. Ransome.

At the southern end of the group is a strong lime dyke. From close observation and tracing it is my personal opinion that this is the reappearance of the Riggins Dyke of the Riverside and Ripsey Districts. After crossing the Gila fault, almost at right angles with this dyke, at the western end of the group, and forming a backbone of Mascal Hill, is a tremendous Quartzite Ledge, known as the Dripping Springs Quartzite. This ledge shows a decided pitch on nearing the lime and there are no signs of contact on the surface, the quartzite being entirely covered by feldzite capping.

About midway between the wash and Rustler's Gulch, and the Quartzite Ledge, a porphyry-quartz ledge crops out, parallel the quartzite and follows its course to the lime, where it is also capped by feldzite. Below this is a district grey schist deposit which covers a large portion of the group and ends in a minor fault at the bottom of the wash. The other side of the wash, while containing several promising ledge showings, and one or two gold and silver leads, lies outside of the ore zone and is composed mainly of shale, some schist and conglomerate.

Just north of the lime a granite ledge shows with a decided northern pitch and should be a foot wall of any ore bodies lying within the limits of the group. This granite ledge shows at different intervals throughout the northern part of the property.

There are a number of strong leads showing through the schist deposit, but aside from the surface gouging and small pot holes practically no development has been done, with the exception of the lower and strongest lead. There are four workings on this mineral bearing vein. One, the Loeb property, lies in close to the lime dyke.

This is a shaft of approximately fifty feet deep, but nothing indicative can be obtained from this, as the trend of the vein was not followed. Further up the gulch on the schist claim Leo Wall sank an incline shaft in 1925, following the ore. At forty feet after being in pay ore, from the surface down, work was abandoned on account of water. Water level at this point is at about twenty-five feet. The vein at the bottom of this shaft was about four feet in width and assays 171.06 ounces silver, 13.8% lead, and 0.02 ounces gold; assay No. 46718, E. A. Jacobs, Tucson, Arizona, July 2, 1925, certificate No. 22399. No assay for copper was taken at this time. A later assay sample taken by Butte Copper Company at Silver Plume, Colorado, as follows:

".08 oz. gold; 11.12 pz. silver; 10.00% lead; 0.50% zinc; 10.00% iron and 2.00% copper. No certificate number. Assayed March, 1926."

Directly north of this shaft on the star claim are two tunnels, the older being the original Sherlock location tunnel and shows cross cuts of three silver lead leads in the schist. The other which is four hundred feet deep was driven with the intention of cutting the quartzite contact in the center of Mascal Hill. This was abandoned and a twenty-five foot shaft was put down at the half way point. This shaft is on a lead silver lead at approximately assays \$40.00 to the ton, according to smelter reports held by R. B. Johnson who shipped the ore, ten tons. This shaft was also abandoned on account of water. Assays from this tunnel and shaft assayed by William Head, Silver Plume, Colorado, March, 1926 was as follows: "0.26 oz. gold; 8.14 oz. silver; 8.00% lead; 9.1% zinc; 17.5% iron and 3.5% copper."

Of the numerous surface showings aside from this main vein which gives every indication of eventually becoming a copper silver vein, the following are most important: Across the Gulch, the Odessa, Would-be-Expert and Major No. 4 all have strong molybdenum showings. These all pitch to the west towards the quartzite Dyke. To the north, on the Silver Queen, a lead-silver lead shows with a pitch that would indicate a junction with the main vein at a depth of approximately three hundred feet.

The Olive Claim. To the north of this claim lies a Diorite Dyke, which is a streaked with Hematite. Directly above this dyke the country shows almost solid porphyry which seems to go under and towards a Tarchite Ledge. It comes in at an angle from the northwest and breaks off at the schist. Lying along this ledge and overlapping it is a large surface deposit of little grade manganese.

The above mentioned at the outstanding and indicating geological features of the group and in surmising them it can easily be discerned that the group contains a clearly defined ore zone. This is bounded on the south by the lime dyke and granite, on the west by the quartzite, on the north by the porphyry and diorite, and on the east by a fault which forms the wash and Rustler's Gulch. The schist deposit, for the most part, covers the entire area. The porphyry undoubtedly reaches around and under, and will form a contact with a granite footwall. This should be at a depth of somewhere in the neighborhood of six or seven hundred feet and will form a base of any ore body found within these limits.

While the surface leads shows lead and the shaft and tunnel on the schist and Star Claims shows plenty of lead, it is very improbable that the ore body will contain lead in any commercial proportion, as the ore taken out up to this time is all of primary enrichment, and while silver and copper indications show the expected change as depth is reached, the lead ore shows absolutely no signs of becoming other than surface showings. Copper, especially on the Loeb property, gives promise of high grade sulphides when that zone is reached. A shaft sunk along the main lead, high enough from the wash so as to obtain dumpage, should encounter pay ore at as shallow a depth as three hundred feet and possibly sooner, but the main body will lie close at six hundred feet.

It is my opinion that ore from this body will be of high enough grade to permit the use of a concentrating plant and will necessitate a big milling production. It is also of my opinion that there is a large quantity of silver, lead, zinc, iron and copper, with a possibility of some gold, at a greater depth than has been obtained in either of the shafts on the Star of Schist Claims.

A complete list of assays taken from the various prospect diggings on the group are as follows:

No. 1 -(West of Star Claim)

No. 1 Sample - 44.1 oz. silver; .3 oz. gold; 3.7% copper

No. 2 Sample - .6 oz. silver; .3 oz. gold; .5% copper

(This is a surface sample)

Arizona Assay Office, Phoenix, Arizona, dated August 24, 1925

Chas. A. Diehl, Assayer

No. 3 Sample - .08 oz. gold; 11.12 oz. silver; 10.00% lead

0.50% zinc; 10.00% iron; 2.0% copper

Assayed By William Head, Silver Plume, Colo., dated March, 1926

No. 2 - Star Claim

25 foot shaft on main vein - 65.4 oz. silver; 5.3% wet lead.

Total shipping value \$34.65 - American Smelting & Refining Co.,
El Paso, Texas

No. 3 - Woulb-be-Expert Claim

2 oz. silver, trace of gold; 17.6% wet lead

American Smelting & Refining Co. of El Paso, Texas, July 6, 1925

No. 4 - Star Claim

From the 400 foot tunnel and 25 foot shaft on the Star Claim .26 oz.
gold; 8.14 oz. silver; 8.0% lead; 9.1% iron; 3.5% copper

William Head, Assayer, Silver Plume, Colorado, March, 1926

Report respectfully submitted,

T. A. Smith

May 18, 1926

ES

MS-82

- ting Co. ✓ ✓
Nickel - Gold - Lead. ✓
Zinc - molybdenum ✓

- (over)

23. Geology & Mineralization *Consists of granite, gneiss & quartzite
& limestone - cut with diorite & porphyry intrusions.*

24. Ore: Positive & Probable, Ore Dumps, Tailings *no ore actually blocked.
Vins show about 4 foot wide*

24A. Dimensions and Value of Ore body *not enough rock to show extent of
ore bodies.*

25. Mine, Mill Equipment & Flow-Sheet *None -*

26. Road Conditions, Route *2 miles from Ray. Rough but
passable road.*

27. Water Supply *Water at 25 foot depth in shaft.*

28. Brief History *High grade silver-lead ore has been
mined in the two of the shallow shafts.*

29. Special Problems, Reports Filed *Geological conditions indicate a large
body of good milling ore should occur at a depth
of 600 to 700 feet. Values in lead - near surface will
change to copper in depth.*

30. Remarks

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

For Sale - see owner

for terms

By - Leo Wall - Ray Arizona

32. Signature

33. Use additional sheets if necessary.

Silver (Gold - Copper - Lead - Zinc - Molybdenum)

24 unpatented claims in a highly mineralized zone - developed to shallow depths by shafts & tunnels. Some high grade silver ~~ore~~ - lead ore recovered from shafts. - Indications are development of large tonnage of mill ore in depth.

Within 2 miles of large copper mine.

Rough but passable roads - ample water. For sale - terms - see owner.

Muncial Creek Mining District - Pinal County

MS-83

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

Date 9/23

1. Mine Silver Queen mine
2. Location 2 miles N.E. of Pay - Trustler's Gulch.
3. Mining District & County Mineral Creek District Pinal County.
4. Former name
5. Owner Leo Wall ✓
6. Address (Owner) Pay - Ariz
7. Operator
8. Address (Operator)
9. President, Owning Co.
- 9A. President, Operating Co. ✓ Copper ✓
10. Gen. Mgr.
14. Principal Minerals Silver, Gold, Lead, Zinc, molybdenum.
11. Mine Supt.
15. Production Rate
12. Mill Supt.
16. Mill: Type & Cap.
13. Men Employed
17. Power: Amt. & Type
18. Operations: Present none -

19. Operations: Planned Pending financing & further develop
and install mill.

20. Number Claims, Title, etc. 24 claims - in one group - with exception
of one claim. Title in name of L.L. Rabel.

21. Description: Topography & Geography Corners the S.W. slope of Mineral
Hill - rather precipitous topography - cut by several
deep washes.

22. Mine Workings: Amt. & Condition Several shafts and tunnels - all in
one, and in good condition, & accessible.

(over)

23. Geology & Mineralization

Complex of granite, schist - quartzite
& limestone - all with denite & porphyry intrusions.

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

no ore actually blocked.
veins show about 4 feet wide

24A. Dimensions and Value of Ore body

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