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Arizona Department of Mines and Mineral Resources Mining Collection

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: MOUNTAIN SPRING

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 128

LOCATION: TOWNSHIP 14 N RANGE 9 W SECTION 17 QUARTER SE
LATITUDE: N 34DEG 32MIN 50SEC LONGITUDE: W 113DEG 12MIN 45SEC
TOPO MAP NAME: BAGDAD - 15 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

LEAD
COPPER SULFIDE
COPPER OXIDE
GOLD
SILVER

BIBLIOGRAPHY:

ADMMR MOUNTAIN SPRING FILE
ANDERSON, C.A. ETAL. GEOLOGY AND ORE DEPTS
BAGDAD AREA USGS PP 278 1955 P 92

USGS P.P. #278 PAGE 45

ARM #158 P. 196 - No such page

MOUNTAIN SPRING

REFERENCES

YAVAPAI COUNTY

USGS PP 278, p. 92

Geology File - Reamsbottom, S. B., Report on Several Property Examinations p. 4

MILS Sequence number 0040251458

F5 < USGM - ABSENT FILE DATA >

C30 (CERUSSITE ANGLESITE)

RECORD IDENTIFICATION

RECORD NUMBER B10 RECORD TYPE B30 (X, I, M) DEPOSIT NUMBER B40
REPORT DATE G1 INFORMATION SOURCE B30 (1, 2) FILE LINK IDENT. B50 (1158M-004 025 1452)
 YR. MO.
REPORTER(SUPERVISOR) G2 (LABARA PETER) (DEWITT ED)
 (last, first, middle initial) (last, first, middle initial)
REPORTER AFFILIATION G5 (ABC-GT) SITE NAME A10 (MOUNTAIN SPRINGS MINE)
SYNONYMS A11

LOCATION

MINING DISTRICT/AREA	A30	EUREKA DISTRICT					
COUNTY	A60	YAVAPAI	STATE	A80	AZ		
PHYSIOGRAPHIC PROV	A63	12K			COUNTRY	A40	U.S.
DRAINAGE AREA	A62	1503.0202K			LAND STATUS	A64	4.0K
QUADRANGLE NAME	A90	BAGDAD	(1948)		QUADRANGLE SCALE	A100	6.2500
SECOND QUAD NAME	A92		()		SECOND QUAD SCALE	A91	
ELEVATION	A107	3900.4FT					

UTM

- NORTHING A120
- EASTING A130
- ZONE NUMBER A110

7. ACCURACY

ACCURATE ACC (circle)

ESTIMATED EST < NO UTM MARKINGS ON
MAP. LAT-LONG USED FOR LOCATION

GEODETIC
*LATITUDE A70 <34-32-58 N>
*LONGITUDE A80 <113-13-17 W>

CADASTRAL

TOWNSHIP(S) A77 < O. L. N. : : : : : RANGE(S) A78 < O. OS. W. : : : : :
SECTION(S) A79 < 17 : : : : :
SECTION FRACTION(S) A76 < NW OF SW OF SE
MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 6 MILES SW OF LAWLOR PEAK
LOCATION COMMENTS A82 < MINE LOCATED NORTH OF MOUNTAIN SPRING SOUTH OF SPRING PEAK

* ESSENTIAL INFORMATION
+ ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

*COMMODITIES PRESENT C10 <CU, AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
*ORE MINERALS C30 <GALENA, E, MALACHITE, CHRYSOCOLLA, HF
COMMODITY SUBTYPES C41 <
*GEN. ANALYTICAL DATA C43 <U AND TH PRESENT
COM. INFO. COMMENTS C50 <

* SIGNIFICANCE

PRODUCER
MAJOR PRODUCTS MAJOR <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
MINOR PRODUCTS MINOR <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
POTENTIAL PRODUCTS POTEN <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
OCCURRENCES OCCUR <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
NON-PRODUCER
MAIN COMMODITIES PRESENT C11 <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
MINOR COMMODITIES PRESENT C12 <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E
OCCURRENCES OCCUR <AG, FR, MN, W, H, T, H, V, I, S, P, H, E, M, A, L, A, C, H, I, T, E, C, H, R, Y, S, O, C, O, L, L, A, H, F, P, H, I, T, E, S, P, H, A, L, E, R, I, T, E, W, U, L, F, E, N, I, T, E

* PRODUCTION

PRODUCER
PRODUCTION YES (circle) PRODUCTION SIZE SMALL MED LGS (circle one)
NON-PRODUCER
PRODUCTION UNL NO (circle one)

* STATUS

EXPLORATION OR DEVELOPMENT

PRODUCER
STATUS AND ACTIVITY A20 <H>
NON-PRODUCER
STATUS AND ACTIVITY A20 <L>

*DISCOVERER L20 <
*YEAR OF DISCOVERY L10 < NATURE OF DISCOVERY L30 *YEAR OF FIRST PRODUCTION L40 <1941> *YEAR OF LAST PRODUCTION L45 <1951
*PRESENT/LAST OWNER A12 <LYNCH AND LAMUEL (1946)
*PRESENT/LAST OPERATOR A13 <TOLEDO MINING CORP.
EXPL./DEV.COMMENTS L110 <

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 <VEIN
*DEPOSIT FORM/SHAPE M10 <TABULAR
*DEPTH TO TOP M20 < UNITS M21 < MAXIMUM LENGTH M40 <1,500> UNITS M41 <FT
*DEPTH TO BOTTOM M30 <45> UNITS M31 <PT> MAXIMUM WIDTH M50 <50> UNITS M51 <FT
*DEPOSIT SIZE M15 <SMALL> M16 <MEDIUM> M17 <LARGE> (circle one) MAXIMUM THICKNESS M60 <3> UNITS M61 <FT
*STRIKE M70 < DIP M80 <
*DIRECTION OF PLUNGE M100 < PLUNGE M90 <
*DEP. DESC. COMMENTS M110 <OXIDIZED FROM 170.50 FT DEEP. VEINS ARE FORMED ALONG THE MOUNTAIN SPRINGS FAULT.

DESCRIPTION OF WORKINGS

*Workings are: SURFACE M120 UNDERGROUND M130 BOTH M140 (circle one)
*DEPTH BELOW SURFACE M160 <45> UNITS M161 <FT> *OVERALL LENGTH M190 < UNITS M191 <
*LENGTH OF WORKINGS M170 <200> UNITS M171 <FT> *OVERALL WIDTH M200 < UNITS M201 <
*DESC. OF WORK. COM. M220 <2 SHAFTS, EACH 1/2 FT DEEP *OVERALL AREA M210 < UNITS M211 <

GEOLOGY

*AGE OF HOST ROCK(S) K1P.R.O.T..E.T.E.R.T.V. W/6 ZIRCON GREATER THAN AND EQUAL TO 1780 MILLION YEARS; CRET-TERTIARY
*HOST ROCK TYPE(S) K1A <METAMYOLITE, ALASKITE; DIORITE PORPHYRY, RHYOLITE, QUARTZ MONZONITE PORPHYRY
*AGE OF IGNEOUS ROCK(S) K2P.R.O.T..E.T.E.R.T.V. AS LINE K1
*IGNEOUS ROCK TYPE(S) K2A <RHYOLITE, ALASKITE; DIORITE, RHYOLITE, QUARTZ MONZONITE PORPHYRY
*AGE OF MINERALIZATION K3L.C.R.E.T.-T.E.R.T.V.
*PERT. MINERALS (NOT ORE) K4 <QUARTZ, PYRITE
*ORE CONTROL/LOCUS K5 <FAULTING, SHEARING
*MAJ. REG. TRENDS/STRUCT. M6 <FORMATION IN METAVOLCANIC ROCKS TRENDS N10E TO N40E
*TECTONIC SETTING M18 <
*SIGNIFICANT LOCAL STRUCT. M70 <VEINS PARALLEL DIKES AND FOLIATION
*SIGNIFICANT ALTERATION M75 <NONE
*PROCESS OF CONC./ENRICH. M80 <OXIDATION AT NEAR SURFACE
*FORMATION AGE M30 <P.R.O.T. W/6 ZIRCON GREATER THAN OR EQUAL TO 1780 MILLION YEARS
*FORMATION NAME M30A <BUTTE FALLS TUFF
*SECOND FM AGE M35 <P.R.O.T. AS LINE N30
*SECOND FM NAME M35A <DICK RHYOLITE
*IGNEOUS UNIT AGE M50 <L.C.R.E.T.-T.E.R.T.V. UNDATED BUT PROBABLY LATE CRETACEOUS - PALEOCENE
*IGNEOUS UNIT NAME M50A <DIORITE PORPHYRY
*SECOND IG. UNIT AGE M55 <L.C.R.E.T.-T.E.R.T.V. AS LINE N50
*SECOND IG. UNIT NAME M55A <APLITE
*GEOLOGY COMMENTS M85 <DEPOSIT IS QUARTZ VEIN THAT CUTS PRECAMBRIAN METAVOLCANIC UNITS. VEINS ARE GENETICALLY RELATED TO LATE CRETACEOUS - PALEOCENE DIORITE PORPHYRY DIKES AND APLITE DIKES.

GENERAL COMMENTS

GENERAL COMMENTS GPM <

B - A

Yavapai - B -

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Mountain Spring

Date Dec. 23rd 1948

District Eureka Ariz.

Engineer A.C. Nebeker

Subject: Report, Operations.

The Mountain Spring mine consisting of six mining claims is located in the Eureka Mining district about 32 miles west of Hillside R.R. Station and probable two miles across the range from Bagdad Copper. North of it $1\frac{1}{2}$ miles is the Copper King mine.

The Toledo Mining and Development Company has taken a lease and bond on the property from Chas. Craig who owns 5 of the claims by right of location and had a lease and bond on the other which he turned over.

The formation is the granite schist of the district, which at this property is cut by a porphyry dike. The schist is on the west and granite on the east of said dyke. The fissure carrying some lead and copper values is near the contact of the granite and is 4 to 6 feet thick with a north-south strike and nearly vertical. To the west of the dyke about 200 feet there is a silicious iron gossan in which a cross cut tunnel has been driven for 100 feet, in the schist. This tunnel shows the formation has been pretty well leached, considerable manganese and some copper shows, this mineralization seems to dip to the west, as a general dip.

The work on the property consists beside the above tunnel, of several cuts and trenches along the east side along the lead vein. In the mineralization there are bunches of galena and some carbonates, which the boys working there are trying make a shipment out of.

Four men are working digging around on the surface to expose the best place to put a shaft site. Mr Carl Harris, Supt.

A nice spring of water is on the property which makes for a good mine camp site.

The property is a good prospect for a group who can spend enough to put down a shaft say 200 feet and then run cross cut drifts to catch the outer edges of the mineralization. This should take them pretty well out of the leach condition and would determine the next step.



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

Date Dec. 30th 1947

1. Mine: Mountain Spring
2. Location: Sec. 8 Twp. 14 N Range 9 W Nearest Town Hillside, Ariz.
Distance 32 mi. Direction North Road Condition good autoroad
3. Mining District & County: Eureka Yavapai
4. Former Name of Mine: same as above
5. Owner: Lawler & Lynch
Address: Prescott Ariz
6. Operator: Chas. Craig
Address: Prescott
7. Principal Minerals: Gold, Lead, Copper
8. Number of Claims: 5 Lode yes Placer _____
Patented one Unpatented yes 4
9. Type of Surrounding Terrain: Rough, deep gullies with steep sides
10. Geology & Mineralization: Granite and schist cut by ~~phyenophy~~ quartz porphyry
dikes. Honey comb quartz with iron stain, crossing the full length
of claim
11. Dimension & Value of Ore Body: vein 5 feet wide showing quartz and
galena with some copper

12. Ore "Blocked Out" or "In Sight": none

Ore Probable: depends on development

13. Mine Workings—Amount and Condition:.....

No.	Feet	Condition
Shafts. I	Approx 20	poor
Raises		
Tunnels		
Trenches	100	good
Crosscuts		
Stopes	none	

14. Water Supply: a spring on the property

15. Brief History:

Remarks: This property is near to the Old Dick, and
Copper Queen, both of which have shipped ore.

A good showing and with enough money to develop will
become a shipper.

16. Signature: A. C. Nebeker

17. If Property for Sale, List Approximate Price and Terms: For sale on terms

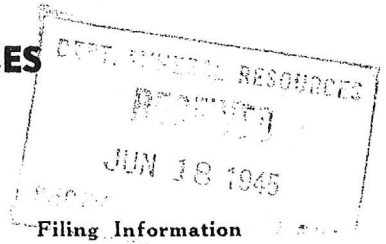
NAME OF MINE: MT. SPRING
OWNER:

COUNTY: Yavapai
DISTRICT: v
METALS: Cu, Pb

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	
5/45	Charles Craig, Hillside Gen. Del., Prescott	Cu, Pb 2/46 5/46	Developing Financing Idle

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT



Date May 12 1945
 Name of Mine Chino Mine
 Owner or Operator Chino Mining Co.
 Address Chino, N.M.
 Mine Location Chino, N.M.

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).....

PRODUCTION: Past and Future.

Tons

Approx. tons last 3 months

Approx. present rate per 3 months

Anticipated rate next 3 months

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			
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

REMARKS:

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By W. H. H. H. H.

Feb 1996

OUTLINE OF MINING PROPERTIES IN YAVAPAI COUNTY, ARIZONA

(COMPILED FOR YAVAPAI COUNTY COUNCIL ASMOA AND YAVAPAI COUNTY IMMIGRATION COMMISSIONER OFFICE, YAVAPAI COUNTY, PRESCOTT, ARIZONA)

Name of Mine Mountain Spring

Name of Mining Company or Owner Leassee Charles Craig

Name of Official in charge of activities

Address P.O. Box 853 Prescott

Location of Mine New Bedford Mining District Quartz
(Indicate whether Patented or Unpatented)

Name of Claims 5 claims in group

Shipping Point Hillside Distance from Mine to Shipping Point 27 mi

Condition road and grade from Mine to Shipping Point very good

Estimated cost hauling per ton 3.00 per T

Total production Record of Mine none Last Year 3 tons

Expected production in coming year

Contents of ore: % Lead 12 1/2 - 13% % Copper 1.42% Oz. Silver 8.7 Oz. Gold 0.3

% Zinc 10 % Insoluble % Iron Calcium Oxide
(Indicate whether or not above figures are exact or approximate)

Is ore sulphide? Is ore oxide? Partially each? both

Other:

Ore available on dumps some milling ore

Development work to date

Approximate tonnage thereof Average values

Shafts one 46 ft one 30 ft

Drifts

Tunnels

Raises

Winzes

Any other Remarks:

See on strike. Estimated 2000 ft
Three veins on property about 30 ft between
each. Almost vertical

Dip of vein

Width of vein

7 ft

What is hanging wall rock?

granite

What is footwall rock?

schist

Is above work open, so same can be examined?

10 ft shaft and surface

What stoping has been done?

none, ore taken out while prospecting

Timber available on claims

none

Water Supply

spring on property - 150 gals 12 hrs
developed by hand pump and pump

Power

gasoline power

What equipment on property

none

What work is being done at present

none, waiting for funds

Number of men employed

2

Underground

Surface

Can property be acquired; if so, on what terms?

Terms and working agreement will be made
that are fair to all concerned.

What funds required for development and outline proposed work

Estimated \$50,000 required to make a mine

Reported that diamond at about 10 ft taken during
\$8300 - at another point measured 287 ft \$8000

(Signed)

WAS Craig

(Address)

P.O. 853, Prescott, Arizona

(Date)

Jan 26 1946

REMARKS:

Assisted by O. H. H. H.
Dittoed sheets of O. H. H. H. H.

COPIES (not originals) of engineer's reports, if any, assays or assay maps will be helpful.

(Note to all members not property owners—Please pass this on to a property owner.)

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State of Arizona
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