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PRINTED: 07-17-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: PITTSBURG

ALTERNATE NAMES:
PITCHBURG
WARSAW
REICH-FRANCO AMERICAN

SANTA CRUZ COUNTY MILS NUMBER: 126

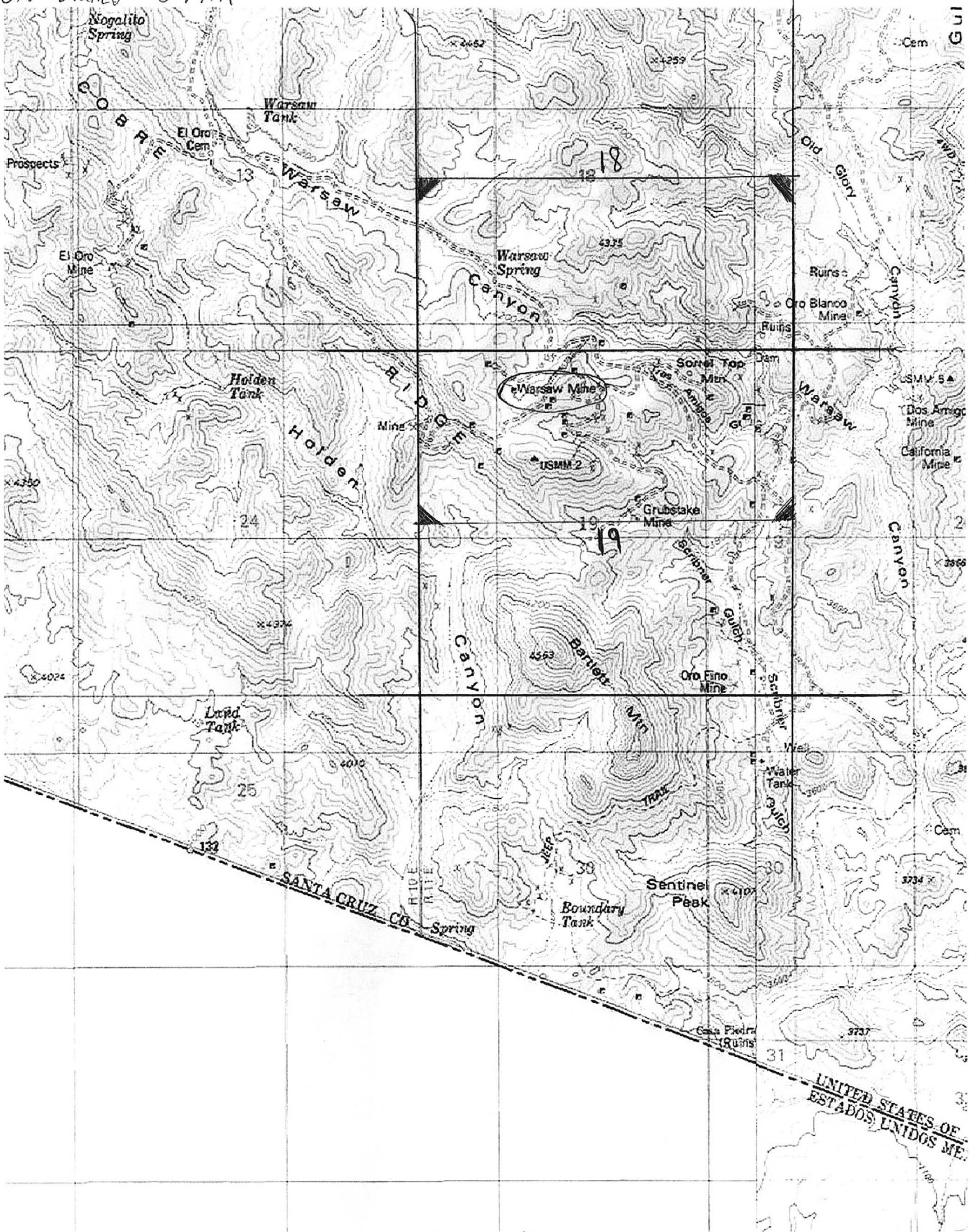
LOCATION: TOWNSHIP 23 S RANGE 11 E SECTION 19 QUARTER N2
LATITUDE: N 31DEG 25MIN 09SEC LONGITUDE: W 111DEG 15MIN 28SEC
TOPO MAP NAME: ORO BLANCO - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
GOLD
SILVER
COPPER
LEAD
ZINC

BIBLIOGRAPHY:
REPORT OF THE REGION CONTIGUOUS TO THE MONTANA MINE
PRIVATE RECORDS
INDEX OF MINING PROPERTIES IN SANTA CRUZ CO.
HINTON, R.J., 1878 (1962) 1000 OLD ARIZONA MINES
AZBM CARD FILE SANTA CRUZ CO.
ADMMR PITTSBURG FILE
AZBM BULL. 137, P. 188
ADMMR GEOLGOY FILE - 2 THESIS, ONE BY L.H. KNIGHT & ONE ON REGION CONTIGUOUS TO THE MONTANA MINE

Oro Blanco - 15 min



N31 25' 08" W111 15' 28"
Pittsburg (AKA Warsaw)

ArcGIS -

PITTSBURGH MINE

SANTA CRUZ COUNTY
ORO BLANCO DISTRICT
T23S R11E Sec 18, 19

AKA_ Warsaw,Reich Prospect, Franco American

Map - Oro Blanco (file)

Metal Mining & Processing July 1964 p. 45

Report on the Region Contiguous to the Montana Mine, Santa Cruz County. Geology files

Thesis - Structure & Mineralization of the Oro Blanco Mining District, Santa Cruz County, Arizona 1970 By Dr. Louis H. Knight Jr. p. 121 Geology file

Montana Mine File 2

ABM Bull. 137 p. 188

MILS Santa Cruz Index #126

ABM Bull 191, p. 69

Information from MINE INSPECTOR'S OFFICE - August 15, 1957

PITTSBURGH MINES GROUP (7 claims) Oro Blanco Dist., SANTA CRUZ CO. 5-9-57
Ruby, Ariz.

ROXY ENTERPRISES (Operator & Owner)
Gen. Delivery, Arivaca, Ariz.

NOT OPEN

Supt - Herman F. Jugblut, Arivaca

COPPER, LEAD, ZINC

[redacted]

ENGIN & MINING JNL-1-56-VOL.157 NO.1

[redacted]

Min library 8/56

PITTSBURGH MINE Do Not Copy SANTA CRUZ COUNTY

Made a mine visit to the Warsaw mine - someone has been driving through area. Saw two trailers burned (USFS). GWI WR 3-11-67

Visited Pittsburgh Mine - no sign of recent activity. GWI WR 3-9-68

MG WR 9/24/82: U.S. Bureau of Mines reported production from Oro Blanco Mining District, Santa Cruz County for the Pittsburg (Warsaw) Mine. In the following years, 1914, 1929, 1933, 1939, 1942, 1954, 1956, 1963-64, 510 tons were treated. Produced was 32,662 pounds of copper, 22,082 pounds of lead, 5,476 ounces of silver, and 48 ounces of gold.

NJN WR 1/29/88: It was reported that Echo Bay (card) is active exploring in the area around the Warsaw (Pittsburg Mine - file) and Oro Blanco - file) properties in Santa Cruz County.

PITTSBURGH MINE

Mr. and Mrs. R. C. Bruce, 1311 W. Wheatridge Drive, Tucson, asked the engineer for for information reg. the Pittsburgh Mine. Engineer gave them the information in the files. Mr. and Mrs. Bruce stated that they have taken a lease on the Pittsburgh Mine.

ALJ WR DEC. 13, 1963

---

* GENERAL REFERENCES

REFERENCE 1 F1 <USBM-ABGMT PRODUCTION FILE DATA.

REFERENCE 2 F2 <USBM FILE DATA-CLUSTER # 47 - WARSAW MINE

REFERENCE 3 F3 <KNIGHT, L.H., 1970, STRUCTURE AND MINERALIZATION OF THE ORO BLANCO MINING DISTRICT, SANTA CRUZ COUNTY, ARIZONA; PhD. DISSERTATION, UNIVERSITY OF ARIZONA

REFERENCE 4 F4 <KEITH, S.B., 1975, ABM BULL. 191, p. C69

C30<SILVER, EMBOLITE, PYRITE, TETRHEDRITE>

L110< IS COMPOSED OF THREE MAIN CLAIMS: (FRANCO AMERICAN, PITTSBURG, AND WARSAW)>

Mile # 126

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

*RECORD NUMBER B10 <>
*RECORD TYPE B20 <X,1M>
DEPOSIT NUMBER B40 <>
*REPORT DATE G1 <8,2,0,5> (YR. MO.)
*INFORMATION SOURCE B30 <1,2>
+FILE LINK IDENT. B50 <USBM-0040230089>

*REPORTER(SUPERVISOR) G2 <LARABA, PETER (last, first, middle initial) (CALDER, SUSAN (last, first, middle initial)>

*REPORTER AFFILIATION G5 <ABGMT> *SITE NAME A10 <WARSAW MINE>

*SYNONYMS A11 <REICH PROSPECT, PITTSBURG>

LOCATION

*MINING DISTRICT/AREA A30 <ORO BLANCO DISTRICT>

*COUNTY A60 <SANTA CRUZ> *STATE A50 <AZ> *COUNTRY A40 <U.S.>

*PHYSIOGRAPHIC PROV A63 <1,2,>

*DRAINAGE AREA A62 <1,5,0,8,0,2,0,0, LOWER COLORADO> *LAND STATUS A64 <0,1, , (1,9,7,9,)>

*QUADRANGLE NAME A90 <BARTLETT MTN., ARIZ. (1,9,7,9,)> *QUADRANGLE SCALE A100 <2,4,0,0,0>

SECOND QUAD NAME A92 <ORO BLANCO (1,9,4,2,)> SECOND QUAD SCALE A91 <6,2,5,0,0>

*ELEVATION A107 <4,2,0,0, FT.>

UTM

*NORTHING A120 <3,4,7,5,9,0,0>

*EASTING A130 <4,7,5,5,0,0>

*ZONE NUMBER A110 <+1,2>

*ACCURACY

ACCURATE ACC (circle)

ESTIMATED EST <>

GEODETIC

+LATITUDE A70 <3,1,-2,5,-0,9,N>

+LONGITUDE A80 <1,1,1,-1,5,-2,8,W>

CADASTRAL

*TOWNSHIP(S) A77 <0,2,3,S>

+RANGE(S) A78 <0,1,1,E>

*SECTION(S) A79 <19, 18>

*SECTION FRACTION(S) A76 <N2, 19; S2 OF S2, 18>

MERIDIAN(S) A81 <GILA AND SALT RIVER>

*POSITION FROM NEAREST PROMINENT LOCALITY A82 <0.8 MILES N OF BARTLETT MTN. (ELV. 4563)>

LOCATION COMMENTS A83 <ON THE S SIDE OF WARSAW CANYON AND THE HEAD OF SCRIBNER GULCH; ABOUT A 1/4 OF A MILE NW OF THE GRUBSTAKE MINE.>

* ESSENTIAL INFORMATION
+ ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

*COMMODITIES PRESENT C10 <AG, AU, CU, PB, ZN>
*ORE MINERALS C30 <CHALCOPYRITE, GALENA, SPHALERITE, CHALCOCITE, COVELLITE, MALACHITE, NATIVE
COMMODITY SUBTYPES C41 <>
*GEN. ANALYTICAL DATA C43 <ASSAYS BY E. REICH SHOW 6 OZ/TON AG; 2 TO 4% CU; LESS THAN .02 OZ/TON AU
COM. INFO. COMMENTS C50 <PRODUCTION FROM OXIDIZED SURFACE MATERIAL>

* SIGNIFICANCE

	PRODUCER	NON-PRODUCER
MAJOR PRODUCTS	MAJOR <AG, AU>	MAIN COMMODITIES PRESENT C11 <>
MINOR PRODUCTS	MINOR <CU, PB, ZN>	MINOR COMMODITIES PRESENT C12 <>
POTENTIAL PRODUCTS	POTEN <>	
OCCURRENCES	OCCUR <>	OCCURRENCES OCCUR <>

*PRODUCTION

PRODUCER	NON-PRODUCER
PRODUCTION (YES) (circle) PRODUCTION SIZE (SML) MED LGE (circle one)	PRODUCTION UND NO (circle one)

*STATUS — EXPLORATION OR DEVELOPMENT

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

*DISCOVERER L20 <>
*YEAR OF DISCOVERY L10 <LATE 1800'S> *NATURE OF DISCOVERY L30 <B> *YEAR OF FIRST PRODUCTION L40 <1914> *YEAR OF LAST PRODUCTION L45 <1964>
*PRESENT/LAST OWNER A12 <EDWARD REICH>
*PRESENT/LAST OPERATOR A13 <R.C. BRUCE (1963-64)>
EXPL./DEV. COMMENTS L110 <OTHER PAST OPERATORS INCLUDE: ROXY MINING CO. (1958), T. ANDERSON (1942) HACK (1939-40), FRED PYEATT, JOSIAH BOND, H.F. HUNTINGTON; THE WARSAW MINE GROUP

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 <QUARTZ-SULFIDE VEIN>
DEPOSIT FORM/SHAPE M10 <PINCH AND SWELL>
*DEPTH TO TOP M20 <> *UNITS M21 <> *MAXIMUM LENGTH M40 <> *UNITS M41 <>
*DEPTH TO BOTTOM M30 <> *UNITS M31 <> *MAXIMUM WIDTH M50 <10> *UNITS M51 <FT>
*DEPOSIT SIZE M15 (SMALL) M15 <MEDIUM> M15 <LARGE> (circle one) *MAXIMUM THICKNESS M60 <> *UNITS M61 <>
*STRIKE M70 <NE> *DIP M80 <STEEPLY S>
*DIRECTION OF PLUNGE M100 <> *PLUNGE M90 <>
*DEP. DESC. COMMENTS M110 <THE WARSAW MINE AND THE REICH PROSPECT LIE ON THE SAME MINERALIZED ZONE.>

DESCRIPTION OF WORKINGS

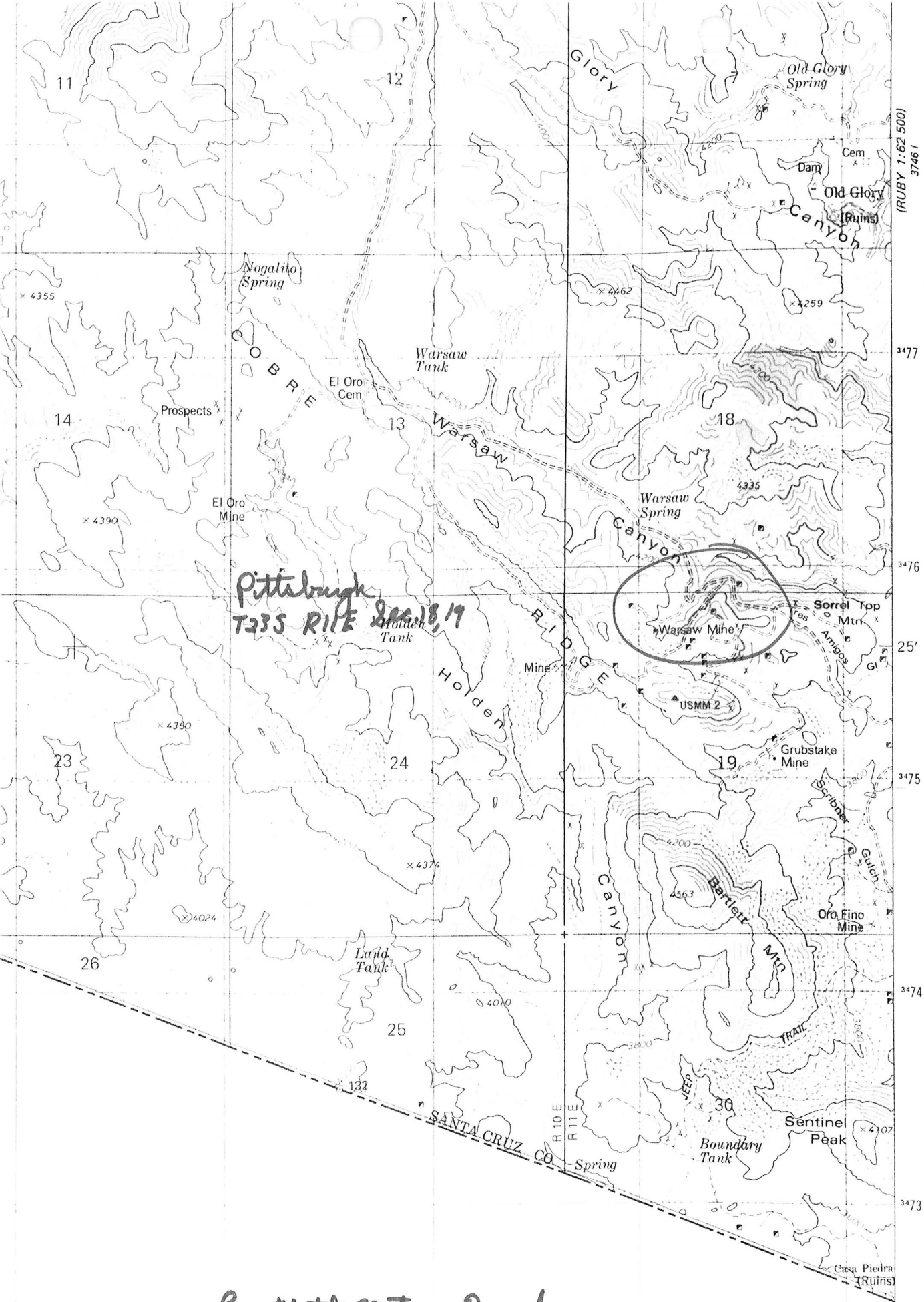
*Workings are: SURFACE M120 UNDERGROUND (M130) BOTH M140 (circle one) *OVERALL LENGTH M190 <> *UNITS M191 <>
*DEPTH BELOW SURFACE M160 <> *UNITS M161 <> *OVERALL WIDTH M200 <> *UNITS M201 <>
*LENGTH OF WORKINGS M170 <> *UNITS M171 <> *OVERALL AREA M210 <> *UNITS M211 <>
DESC. OF WORK. COM. M220 <SHAFT OF UNKNOWN DEPTH; SEVERAL HUNDRED FT. OF DRIFTS ON AN ADIT LEVEL, 3 WINZES 40 FT. IN DEPTH>

GEOLOGY

*AGE OF HOST ROCK(S) K1 <L.CRET.>
*HOST ROCK TYPE(S) K1A <HORNBLENDE DIORITE AND HORNBLENDE ANDESITE SILLS>
*AGE OF IGNEOUS ROCK(S) K2 <CRET.>
*IGNEOUS ROCK TYPE(S) K2A <RUBY DIORITE - HORNBLENDE DIORITE; QUARTZ VEIN (N 40E, 75 SE)>
*AGE OF MINERALIZATION K3 <L.CRET.>
*PERT. MINERALS (NOT ORE) K4 <QUARTZ>
*ORE CONTROL/LOCUS K5 <NE-FAULT ZONE IN DIORITE FORMED DURING EMPLACEMENT OF DIORITE SILL>
*MAJ. REG. TRENDS/STRUCT. N5 <BLOCK FAULTING>
*TECTONIC SETTING N15 <BASIN AND RANGE; SMUGGLERS GULCH FAULT BLOCK>
*SIGNIFICANT LOCAL STRUCT. N70 <VEIN STOPS AT CONTACT WITH ORO BLANCO FORMATION>
*SIGNIFICANT ALTERATION N75 <QUARTZ-SERICITE-PYRITE ALTERATION>
*PROCESS OF CONC./ENRICH. N80 <SUPERGENE ENRICHMENT>
*FORMATION AGE N30 <CRET.>
*FORMATION NAME N30A <ORO BLANCO FORMATION; LOWER CONGLOMERATE MEMBER>
SECOND FM AGE N35 <>
SECOND FM NAME N35A <>
IGNEOUS UNIT AGE N50 <CRET.>
IGNEOUS UNIT NAME N50A <RUBY DIORITE>
SECOND IG. UNIT AGE N55 <>
SECOND IG. UNIT NAME N55A <>
GEOLOGY COMMENTS N85 <>

GENERAL COMMENTS

GENERAL COMMENTS GEN <>



Bartlett Mtn. Quad

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine: Pittsburgh Mine — Date: April 20, 1964 & May 5, 1964

District: Oro Blanco District, Santa Cruz Co. — Engineer: Axel L. Johnson

Subject: Mine Visit. Information from R.C. Bruce

References: Report of Dec. 12, 1957 and previous reports.

Location: Approx. Sec. 19 - T. 23 S. - R. 11 E. Drive on Arivaca-Ruby road to about 1½ miles NW of Ruby Jct. Turn left (south) and drive 5 miles over a rough road. (Road was recently graded but is still quite rough.)

Owners: Mrs. Rita M. Sheehey, Nogales, Ariz. et al

Lessees & Operators: Bruce Mining Co., 1311 W. Wheatridge, Tucson, Ariz.
R.C. Bruce, 1311 W. Wheatridge, Tucson - Manager
Lease provides for 10% royalty.

Number of Claims: 7 claims - 1 patented claim and 6 unpatented claims.

Principal Minerals: Copper, silver, lead and zinc.

Present Mining Activity: Stoping ore from the underground workings of an old upper adit. 2 men working days.

Geology & Mineralization: Fissure veins in diorite and porphyry.

Ore Values: Mr. Bruce reports an average of about 2% copper and from 8 to 10 oz. in silver.

Marketing: Ore is sold to Magma Copper Co., Superior, Ariz. The ore is hauled to the Magma smelter by Bruce Mining Co. in 10 ton trucks leased from Jack Durell, Tucson, Ariz. Company receives no pay for the lead and zinc in the ore, and receives no compensation for high silica.

Old Mine Workings: Old mine workings consist, principally, of an inclined shaft (incl. 55 degrees), 263 ft. deep in the incline, with 5 levels containing a number of drifts, crosscuts, and worked out stopes. Mr. Bruce reports that the shaft is filled with water up to the 2nd level, which is 75 ft. below the collar.

Review of Recent Operations: (1) Started work on road on March 5, 1964.
(2) Started work in the mine on March 6, 1964.
(3) Shipped 3 carloads of ore of about 45 tons each to Magma Copper Co. Superior, Ariz. since Mar. 5, 1964 which ran about 2% copper and from 8 to 10 oz. silver. One carload of ore was also shipped in December, 1963 from open cut operations.
(4) Operators are now stoping ore from the underground workings of an old upper adit. Stoping is being done on the sides of a crosscut, which starts 83 ft. from the portal of the adit and is 60 ft. long.
(5) The ore is hauled to the Magma smelter as described above.

Proposed Plans: (1) Dewater the main inclined shaft (incl. 55 degrees) 263 ft. deep, described above.
(2) Sampling of the old underground workings.
(3) Ore exploration and mining in favorable locations in the mine.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Pittsburgh Mine (also called "Warsaw#) Date May 17, 1957

District Oro Blanco Mining Dist., Santa Cruz Co. Engineer Axel L. Johnson

Subject: Field Engineers Report. Personal Visit & Information from Lewis Sirotta, President.

Location Approx. Sec. 19 -- T 23 S -- R 11 E. Drive about 1 1/2 miles NW of Ruby Jct. Turn left (south) and drive about 5 miles to the mine on newly constructed road.

Number of Claims 7 claims ---- 1 pat. claims & 6 unpat. claims, with option on 3 additional adjoining claims.

Owners Mrs. M Rita M. Sheehey, Nogales, Ariz.
Aileen M. Taylor
Helen M. Buckley (all sisters)

Purchasers & Operators The Roxy Enterprises, Gen. Del., Arivaca, Ariz.
Lewis Sirotta, Pres.; Irving Birkenblatt, Gen. Mgr.; Herman Jungblatt, Supt.
Property purchased from owners on May 1, 1954, with later changes in purchase agreement. Lewis Sirotta reports an outright purchase agreement, expiring on Sept. 23, 1961, with progressive royalty payments to apply on purchase price. Purchase price not reported.

Principal Minerals Lead, Zinc, Copper. Mostly sulphides.

Present Mining Activity Started construction of a mill. Building of 5 miles of road. Building an ore bin. No ore production yet. 5 men employed.

Milling & Marketing Facilities Construction of a mill was recently started. This is expected to be ready for operation in about 3 months. Acc. to Lewis Sirotta, the capacity of the mill will be 90 to 100 tons per day, with provisions for future expansion. Straight flotation will be used, with plans for differential flotation later on, for separation of the lead, zinc and copper concentrates. Mill installation will consist principally of a jaw crusher, Pullman dry pulverizer, conditioner, Pullman classifier, and flotation cells.

Old Mine Workings Old mine workings consist, principally of an inclined shaft, 263 ft. deep on the incline (inclined 55 deg), with 5 levels containing a number of drifts and cross cuts and a number of worked out stopes. Shaft has been recently repaired.

Present Mining Operations Exploration work, consisting mostly of diamond drilling, was done under contract, by W. K. F. Contracting Co., Inc., 501 E. Grant Rd., Tucson, Ariz. in 1955 and 1956. No results of same published. Later on, in 1956, the Roxy Enterprises started work on the property, with their own management. The shaft was dewatered and repaired to its depth of 263 ft., and the mine was sampled on all 5 levels. At the present time, a 5 mile road is being built, and construction on a 100 to 125 ton ore bin and the mill (as described above) has been started.

Ore Values According to a report, received by field engineer on June 4, 1954, the ore values in the mine was estimated as follows: Copper 5 %; Lead 8 to 10 %; Zinc 7 %; Silver 10 oz.; Gold slight amount. All sulphides. Fissure vein in diorite and porphyry. This estimate was made on some of their direct shipping ore. Evidently most of the ore is lower milling grade ore. No estimates of same have been received by the operators.

Proposed Plans (1) To finish road building of 5 miles of road, as stated above.
(2) To build ore bin, as stated above.
(3) To ~~finishsssfinsixxfinsix~~ finish the mill construction, a 90 to 100 tons straight flotation mill, with plans for differential flotation at a later date.

Note: This report will be released for publication, as soon, and if, Mr. Lewis Sirotta, President, can be contacted and permission for such publication granted. The above information was received from Mr. Sirotta on May 17, which was prior to our meeting in Mr. Willis' office on May 21, and, conswquently, the publication feature was not mentioned in our discussions.

Axel.

RECEIVED
MAY 31 1957
DEPT. MINERAL RESOURCES
PHOENIX, ARIZONA

April 7, 1958

AXEL L. JOHNSON - Weekly Report

PITTSBURGH MINE, Santa Cruz County -

CLOSED

PITTSBURG MINE
" MILL

SANTA CRUZ COUNTY
ORO BLANCO DIST.

Mill just about completed. Anticipate employing about 50 people real soon.

This info. according to Lewis Sirotta on answer to "Lead-Zinc Questionnaire"

10-8-57

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Pittsburgh Mine (also called Warsaw) Date Dec. 12, 1957

District Oro Blanco District, Santa Cruz Co. Engineer Axel L. Johnson

Subject: Field Engineers Report. Peraonal Visit & Information from Lewis Sirotta, President.

Location See report of May 17, 1957.

Number of claims 7 claims ----- 1 pat. claim and 6 unpat. claims.

Owners Mrs. Rita M. Sheehey, Nogales, Aileen M. Taylor, and Helen M. Buckley (all sisters)

Purchasers & Operators The Roxy Enterprises, 201 N. Stone Ave., Suite 215, Tucson. Lewis Sirotta, President. Anthony Doria, Secretary-Treasurer.

Lewis Sirotta reports an outright purchase agreement, expiring on Sept. 23, 1961, with progressive royalty payments to apply on purchase price. Purchase price not reported.

Principal Minerals Lead, Zinc and Copper. Mostly sulphides.

Present Mining Activity Working on mill construction. Some ore is being milled from the ore dumps on test runs. No work in the mine. 5 men working.

Geology & Mineralization Fissure veins in diorite and porphyry. Nearly all sulphides.

Ore Values Lewis Sirotta estimates the mill feed for the mill, viz:

Copper -- 2.5 to 3.5 %; Lead -- 10 %; Zinc -- 4 to 5 %; Silver -- 15 to 30 oz and Gold -- 0.05 to 0.06 oz. Evidently, this estimate is based on the analysis of their best grade ore.

Milling & Marketing Facilities Construction of the mill was started in May, 1957. (see report of May 17, 1957). Operators report considerable difficulties in their mill construction, and changes and additions to the mill are still being made. Mill operations have been limited to a few small test runs, and no concentrates have been shipped as yet.

At present, the milling equipment consists fo the following:

(1) 100 ton crude ore bin.
(2) A Pallman Turbo Mill (crusher and pulverizer)--crushes 90% of material to -8 mesh
(3) 30 ton fine ore bin.
(4) Bendelari 36" x 36" single cell, 6 compartment Jig.
(5) D 13,000 -- 75 KW Light and Power plant.
(6) A 6 cell flotation unit---- not hooked up as yet.

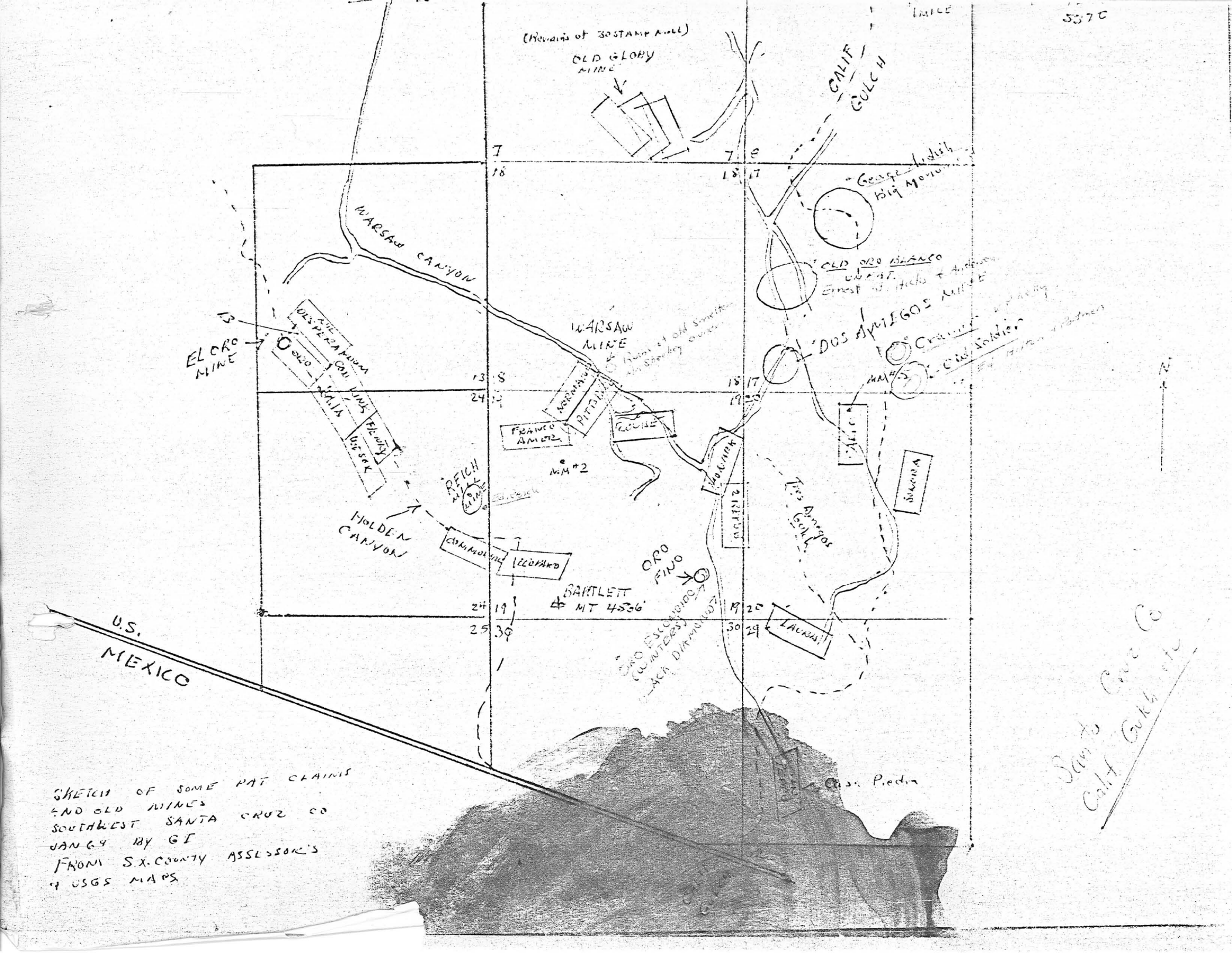
Proposed Plans Operators plan to make the following improvements and addtions to the milling equipment.

(1) Hook up the 6 cell flotation unit.
(2) Install Classifier ---- plus 65 m. to go to jig --- minus 65 m. to flotation.
(3) Installation of Settling tank, filter and dryer also in the near future.

Estimated capacity when completed to be about 400 ton per 24 hrs., according to Lewis Sirotta, President. On May 17, he estimated 90 to 100 tons per day.

Mr. Sirotta stated that they will mill dump ore from a dump, which he estimates to have 7,000 to 10,000 tons of milling grade ore, first, before milling the underground ore from the mine. He states that he has contracted for the ore hauling from the ore dump to the mill, and also for the hauling of the concentrates to the loading ramp at Amado. The concentrates will be shipped to the A. S. & R. smelter at El Paso.

No custom ore will be milled for the time being, until the ore dump is exhausted.



SKETCH OF SOME PAT CLAIMS
AND OLD MINES
SOUTHWEST SANTA CRUZ CO
JAN 64 BY GI
FROM S.X. COUNTY ASSESSOR'S
& USGS MAPS

Santa Cruz Co
Calif Gulch etc