



CONTACT INFORMATION

Mining Records Curator
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Phoenix, AZ 85007
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inquiries@azgs.az.gov

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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 08-21-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: BETTY JANE NO. 1 MS 4258, PAT.

ALTERNATE NAMES:
BETTY JANE

PINAL COUNTY MILS NUMBER: 510

LOCATION: TOWNSHIP 7 S RANGE 14 E SECTION 27 QUARTER NW
LATITUDE: N 32DEG 47MIN 47SEC LONGITUDE: W 110DEG 53MIN 20SEC
TOPO MAP NAME: BLACK MOUNTAIN - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:
SILVER
GOLD

BIBLIOGRAPHY:
BLM MINING DISTRICT SHEET 660
ADMMR BETTY JANE NO. 1 MS 4258, PAT. FILE

BETTY JANE MINE

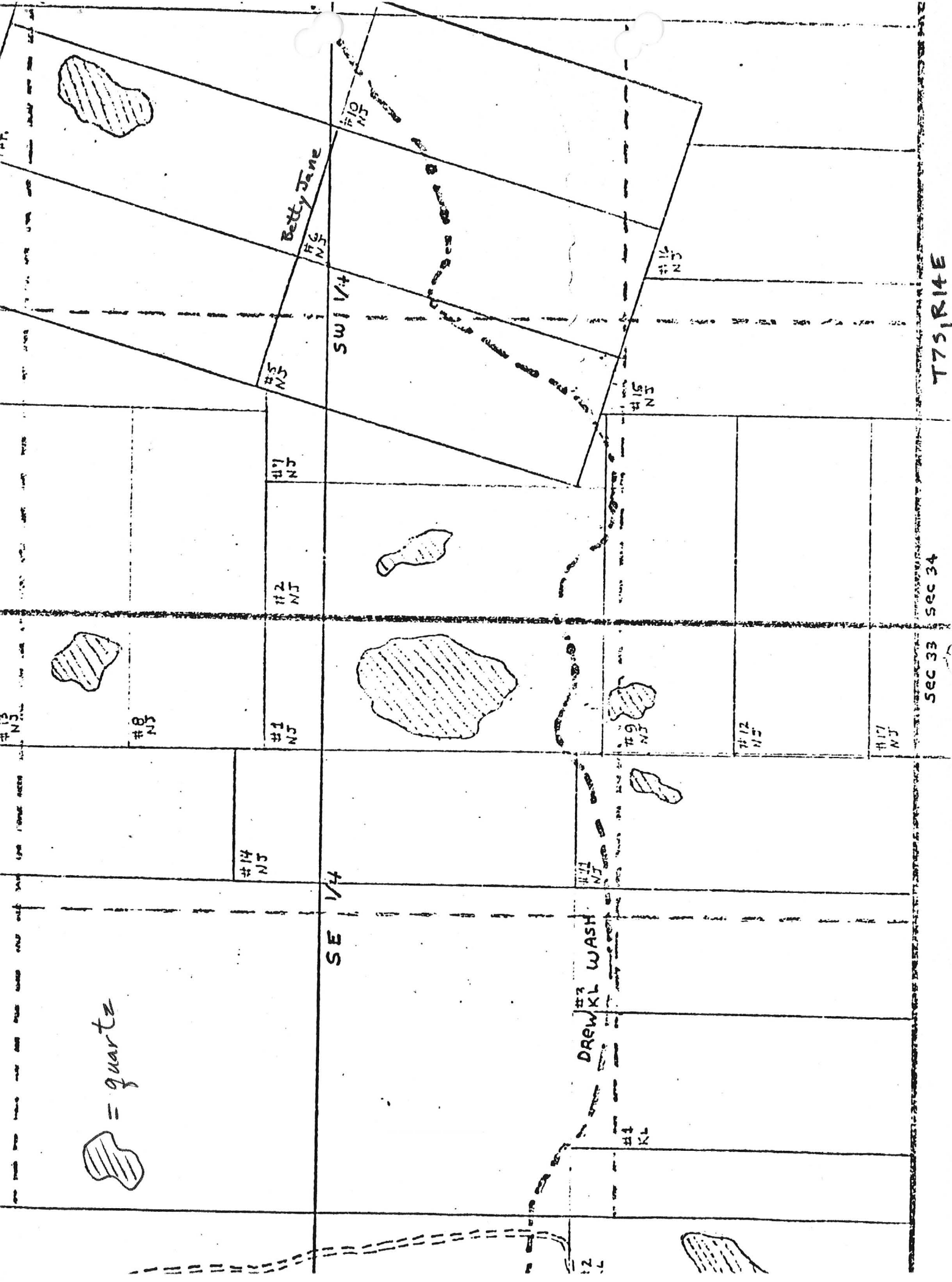
PINAL COUNTY
COTTONWOOD DIST.
T7S R14E Sec 27

Pinal County MILS #510

Black Mountain 7.5 topo

State Mine Inspector's Start Sheet - 1-27-84

See: Swanson's Mining (green card) (Principal product listed was silver.)



T75, R14E

SEC 33 SEC 34

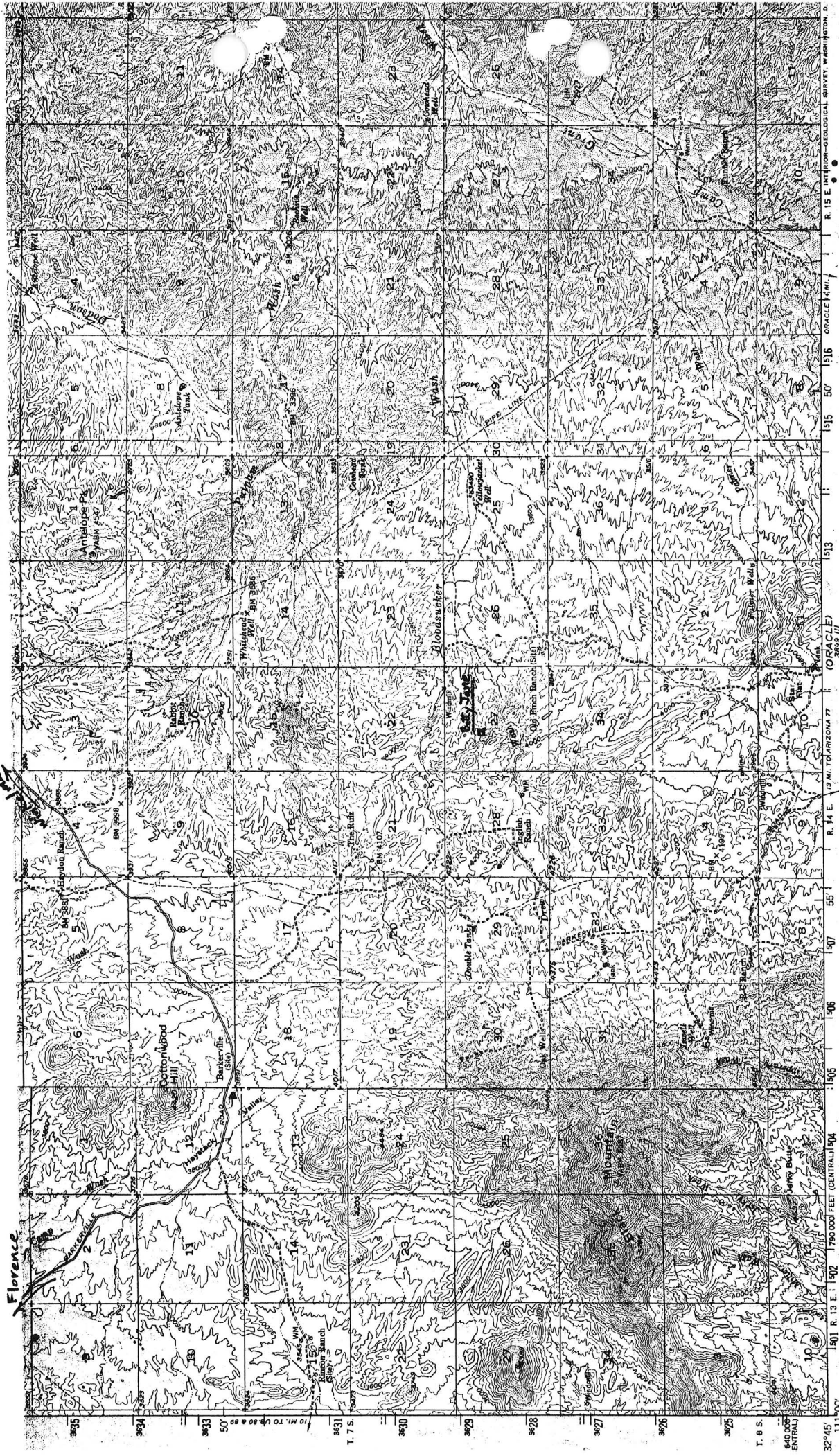
= quartz

DREW KL WASH

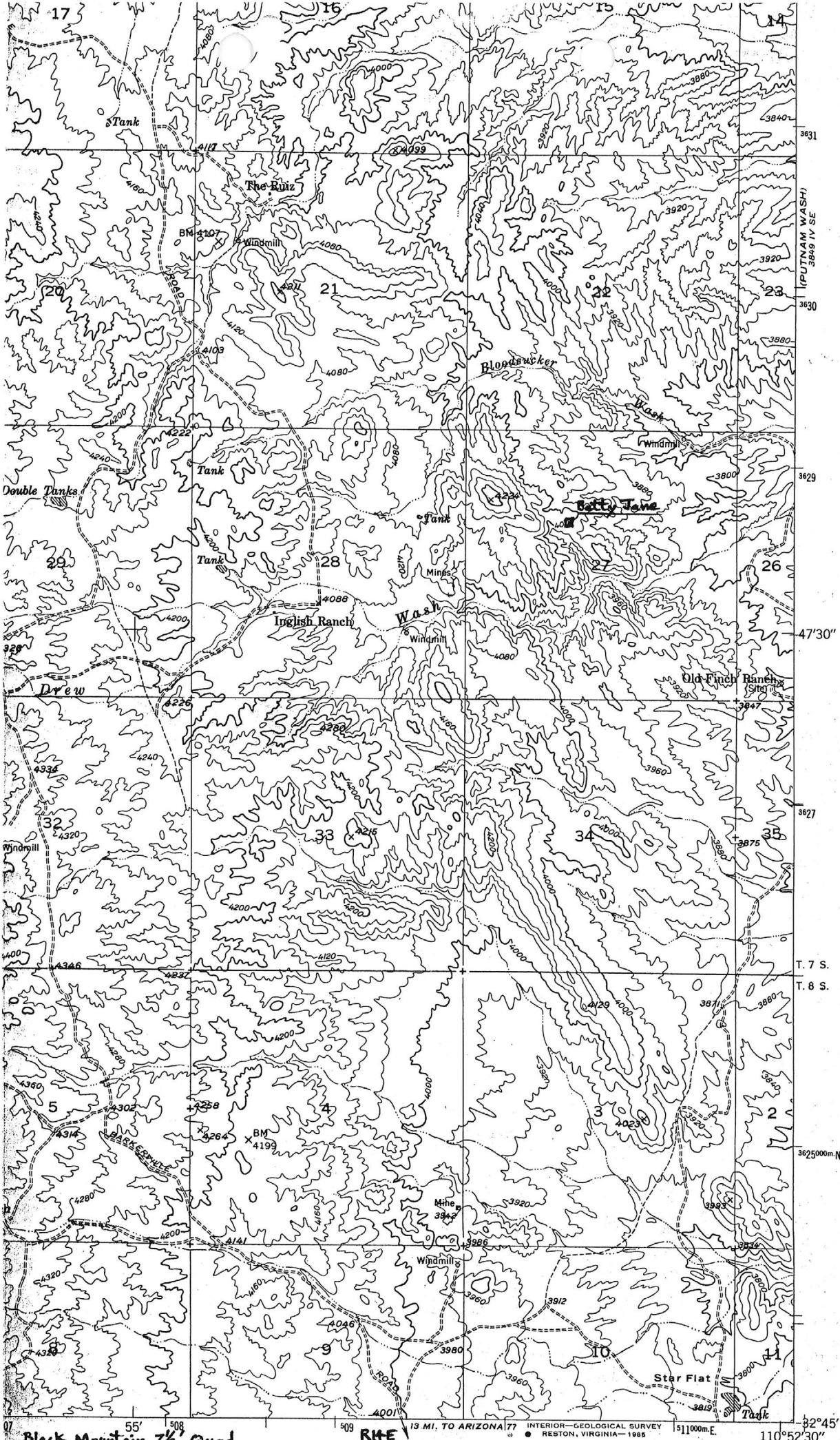
SE 1/4

SW 1/4

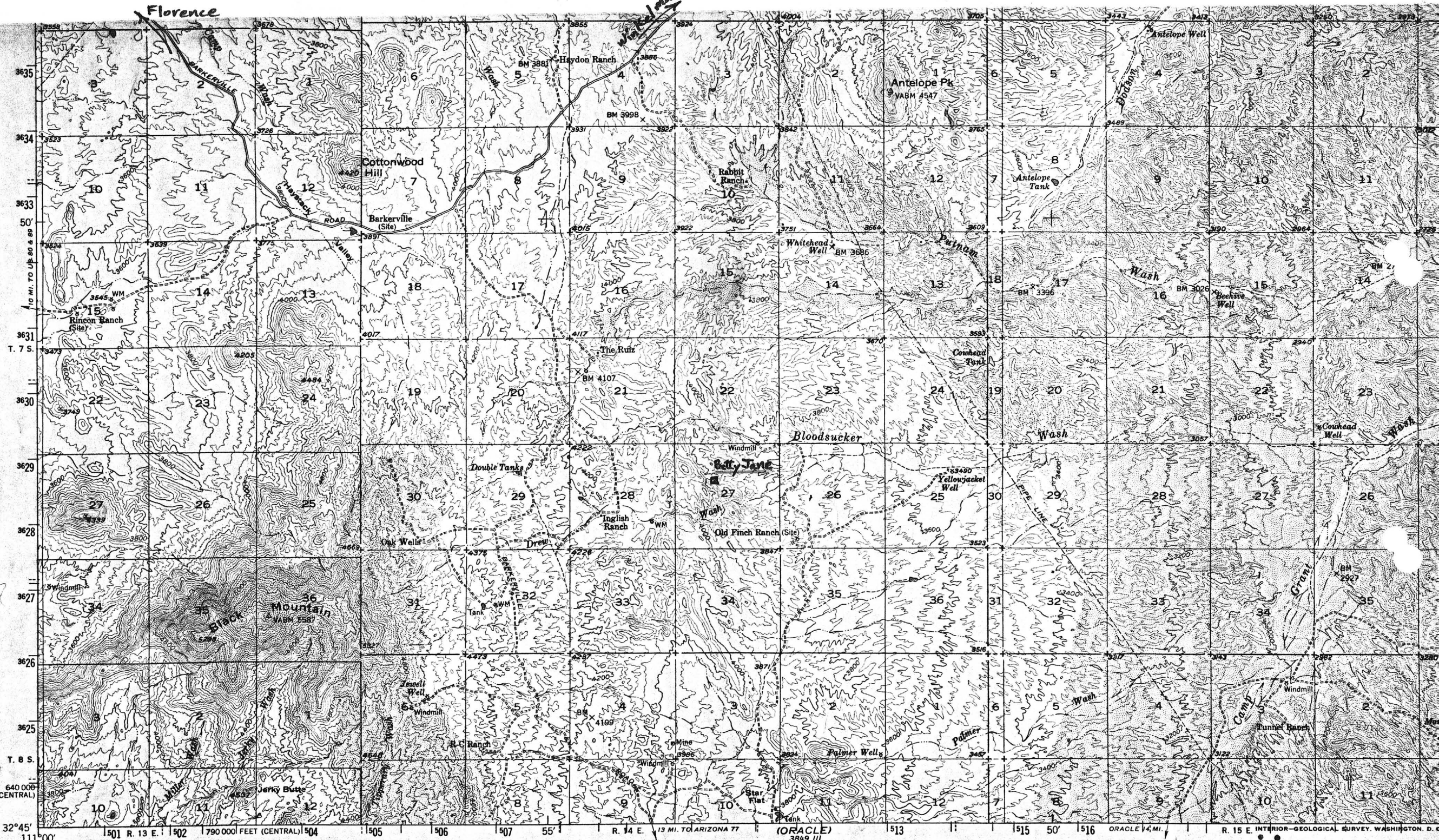
Winkelman 15' Quad.

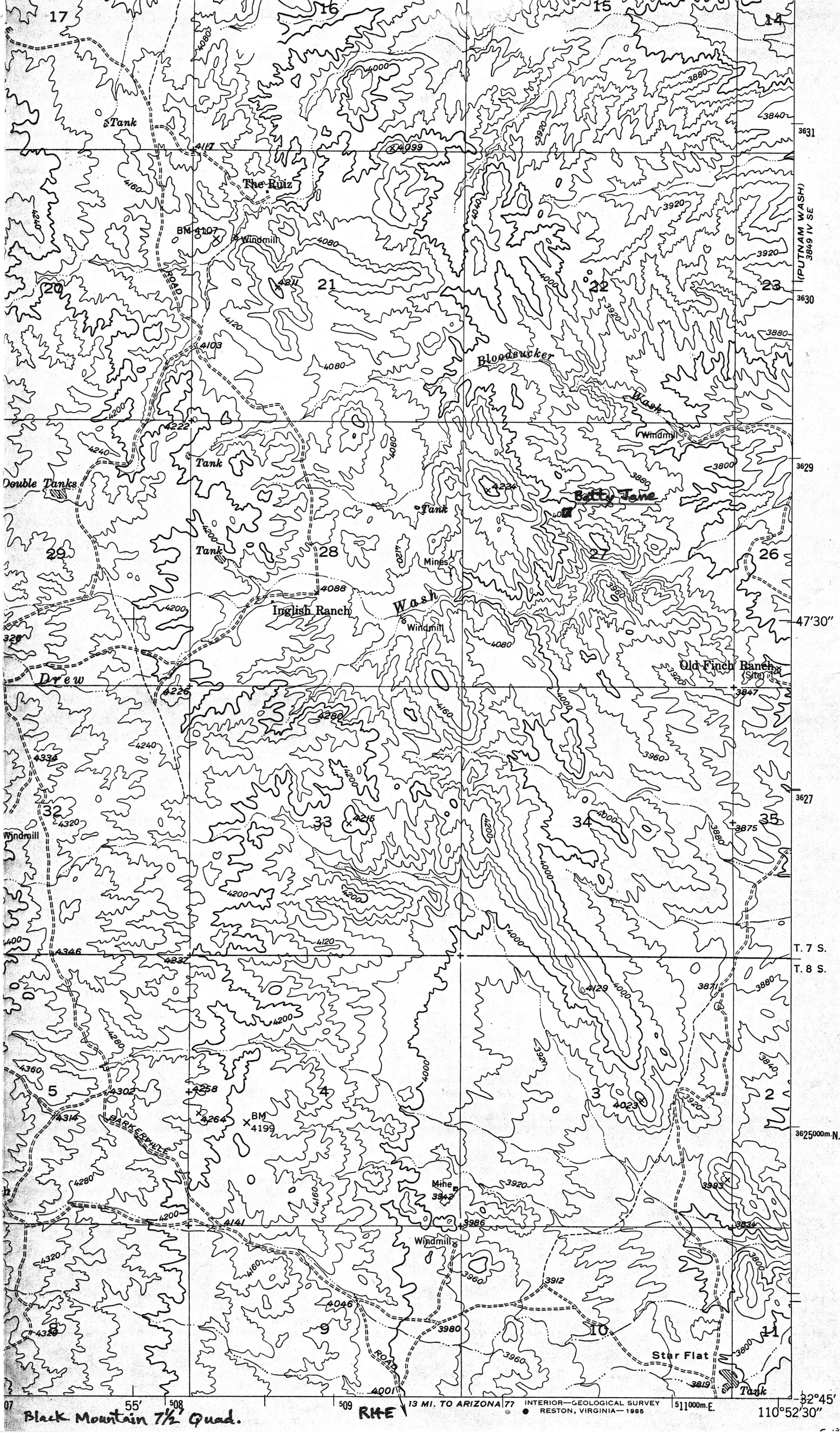


Maped, edited, and published by the Geological Survey



Winkelman 15' Quad.





Black Mountain 7 1/2 Quad.

RHE

13 MI. TO ARIZONA

INTERIOR-GEOLOGICAL SURVEY

RESTON, VIRGINIA-1985

511000m.E

110°52'30"

32°45'

BETTY JANE MINE

PINAL COUNTY

MG WR 1/13/84: Mr. Al Swanson, 2544 N. Walnut, Tucson, Arizona 85712, Phone: 881-1624, is leasee of the Betty Jane patented claim in Sec 27, T7S R14E (Pinal County) Adjacent on one side line of the Betty Jane he has staked the Norma Jean. He reports abundant free gold in the surface soil of the claims. I have requested to see sample.

HM WR 6/11/88: Information on proper recording procedures for leases of mining claims was provided to Al Swanson, 3445 N. Geronimo, Tucson, Arizona 85705; phone 887-6178. Mr. Swanson has several unpatented claims adjacent to, and has leased the Betty Jane Mine (file) Pinal County. A near surface gold quartz vein is planned to be mined and shipped to Hayden as fluxing ore. A mine visit was requested and will be scheduled.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Al Swanson and mine visit
Address: 4011 N. 1st, #J-78, Tucson, AZ 85704
2. Mine: BETTY JANE 3. No. of Claims - Patented 1
(Pinal Co.) Unpatented _____
4. Location: Approx. 19½ miles north of highway 77, via Willow Springs Ranch Rd (Barkerville Rd.). See Winkelman 15' Quad.
5. Sec. NE¼ 27 Tp 7S Range 14E 6. Mining District Cottonwood
7. Owner: Charles I. & Ann E. Welch (married couple)
8. Address: 2838 Strand, Hermosa Beach, CA 90254
9. Operating Co.: Al Swanson
10. Address: same as above
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Gold 14. No. Employed: _____
15. Mill, Type & Capacity: _____
16. Present Operations: (a) Down ☐ (b) Assessment work ☐ (c) Exploration ☒
(d) Production ☐ (e) Rate _____ tpd.
17. New Work Planned: Mr. Swanson hopes to build a road from Drew Wash, on the east side of Sec. 28, over high ground to the Betty Jane.
18. Misl. Notes: Mr. Swanson and I took the dirt road to the old English ranch and from there drove east in Drew Wash to a tributary in the center of Sec. 27. We hiked north in the tributary for about ¼ mile to the mine. Swanson has a number of unpatented lode claims around the Betty Jane. The Betty Jane patented claim is owned by Mrs. Ann Welch, a daughter of the last owner, Mr. Earl Dotson (deceased).
The mine is on a quartz vein in the medium to coarse grained, Precambrian Ruin granite. The vein dips steeply to the south, and at about 25 feet below the surface it apparently flattens considerably. Swanson reports that the original shaft, which is caved, was steeply inclined and then flattened to follow the vein. The old workings are accessible with difficulty.

Date: November 8, 1985

(Signature)

Michael N. Greeley
(Field Engineer)

Betty Jane (Pinal Co.) continued:

The bull quartz is generally massive and locally vuggy. On the surface it exhibits locally abundant iron staining with some limonite casts after pyrite cubes. Minor amounts of galena, pyrite, chalcopyrite, and traces of malachite and other secondary copper oxide minerals occur. Mr. Swanson reports assays of 0.5 to 0.75 ounces free-milling gold/ton.

Approximately 50 feet SSE of the original shaft is another shaft, sunk by Swanson. This shaft is about 30 feet deep and was holed through to a stope in the original workings.

Equipment on the property includes a very small ball mill and shaking table.

Taylor



85401300

STATE MINE INSPECTOR

Office of State Mine Inspector

705 West Wing, Capitol Building
Phoenix, Arizona 85007
602-255-5971

NOV 21 1985

NOTICE TO ARIZONA STATE MINE INSPECTOR

In compliance with Arizona Revised Statute Section 27-303, we are submitting this written notice to the Arizona State Mine Inspector, 705 West Wing, Capitol Building, Phoenix, Arizona 85007 of our intent to X start or stop a mining operation.

COMPANY NAME CHARMS MINING INVESTMENT INC.

CHIEF OFFICER ALBERT SWANSON

COMPANY ADDRESS 4249 E. 22nd A. TUCSON, ARIZ.

COMPANY TELEPHONE NUMBER 325-4651

MINE OR PLANT NAME BETTY JANE MINE (A)

MINE OR PLANT LOCATION (including county and nearest town, as well as directions for locating by vehicle)

T7S - R14E - SECTION 27 IN PINAL COUNTY
NEAREST TO TUCSON 20 MILES NORTH
OF HWY 77 ON WILLOW SPRINGS RD.

TYPE OF OPERATION OPEN PIT PRINCIPAL PRODUCT SILVER.

STARTING DATE NOV. 14, 1985 CLOSING DATE UNKNOWN

DURATION OF OPERATION CONTINUOUS.

PERSON SENDING THIS NOTICE ALBERT SWANSON

TITLE OF PERSON SENDING THIS NOTICE PRESIDENT

DATE NOTICE SENT TO STATE MINE INSPECTOR NOV. 12, 1985

PLEASE NOTE: Any operation found operating, without having sent this notice to the Arizona State Mine Inspector, will be charged with a petty offense.

MEMORANDUM TO FILE

December 10, 1985

Re: Betty Jane mine, Pinal County

The following fire assays are given for grab samples collected at the Betty Jane property, on November 8, 1985, by Mike Greeley (except BJ-5):

<u>Sample No.</u>	<u>Description</u>	<u>Au</u> <u>oz/ton</u>	<u>Ag</u>
BJ-1	Top and sides of main dump; comprised chiefly of quartz, granite, & diabase	0.020	nil
BJ-2	Sand size product of small ball mill	0.346	0.51
BJ-3	Vein quartz rounded in small ball mill; 3 to 5-inch spheroids	1.555	1.30
BJ-4	Vein quartz stockpile by main shaft; comprised chiefly of milky, locally vuggy quartz with some iron staining and limonite casts after pyrite cubes, minor amounts of galena, pyrite, chalcopyrite and traces of malachite and other secondary copper oxide minerals	0.339	0.12
BJ-5	Vein quartz stockpiled by new shaft; comprised as in BJ-4. Collected from a corner of the underground workings, reportedly at a structural intersection, by Mr. Al Swanson.	1.053	1.23

When received, an official assay certificate will be forwarded, with sample pulps, to Mr. Al Swanson.

IRON KING ASSAY INC.

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06-Dec-85

LAB JOB #: MSC00265

Client name: Arizona Dept. of Mineral Resources
Billing address: Mineral Bldg., Fairgrounds
Phoenix, AZ 85007

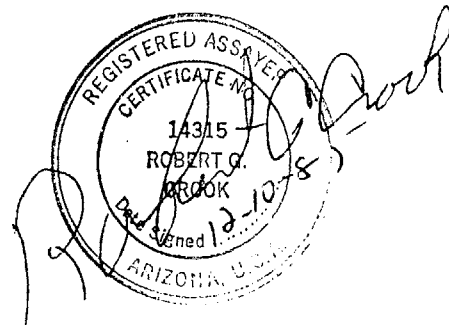
No. Samples: 5
Date Received: 11-29-85
Submitted by: Nyal Niemuth

Phone number: 255-3791

NO CHARGE

ANALYTICAL REPORT

Client ID	Lab ID	Fire Assay	
		Au oz/ton	Ag oz/ton
MSC00265			
BJ 1	11-29- 13	0.020	<.01
BJ 2	11-29- 14	0.346	0.51
BJ 3	11-29- 15	1.555	1.30
BJ 4	11-29- 16	0.339	0.12
BJ 5	11-29- 17	1.053	1.23



M.D.S 660

SE 1/4 T7S. R14E.

COTTONWOOD DIST.



Sec. 27

Sec. 34

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

~~December 10, 1957~~

January 29, 1958

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

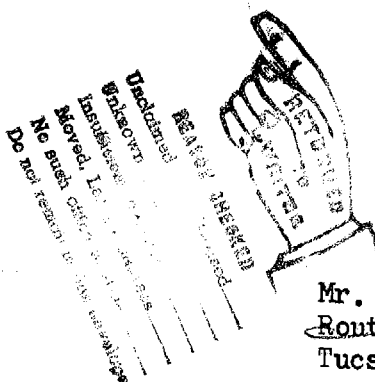
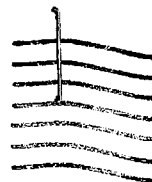
BETTY JANE
(Property)

GOLD AND SILVER
(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.



Mr. Earl Dotson
Route 4 Box 800
Tucson, Arizona

Mr. Earl Dotson

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date . October 16, 1939

Mine Betty Jane

District Cottonwood

Location - Sec. 27, Pinal County, 1 mile
NW from Oracle Junction
T. 9 N, R. 13 E.
S

Former Name - Betty Jane

Owners - Martin Schwerin, Lenher Schwerin
and Earl Dotson.

Address - Route 4, Box 800, Tucson, Ariz.
Phone 0174JL

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Gold and Silver

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - None

Operations: Planned

Number Claims, Title, etc. - 4 unpatented lodes

Description: Topography & Geography

Mine Workings: Amt. & Condition - 213 ft. incline shaft show 12 inches of 1 oz. ore
8 or \$9,000 of ore blocked above 10 ft. level.
This vein varies in width from 12 inches to 3 ft.

Geology & Mineralization - Granite Country

Ore: Positive & Probable, Ore Dumps, Tailings - 8 or \$2,000 blocked

Mine, Mill Equipment & Flow-Sheet - None

Road Conditions, Route - Fair

Water Supply - Wells within 1/2 mile of property

Brief History

Special Problems, Reports Filed

Remarks

If property for sale: Price, terms and address to negotiate - Can be handled on
Bond or lease with provisions made
for so much developing.

SIGNED - Earl Dotson
Route 4, Box 800
Tucson, Arizona

10-16-39

Schwerin, Martin & Lenher et al
~~Route 4, Box 800~~ *Box 1110*
Tucson, Arizona

See MB-29 - BETTY JANE MINE, Pinal Co.
Re - Owners Mine Report

10-16-39

Dotson, Earl & Martin & Lenher Schwerin
Route 4, Box ~~800~~ 664
Tucson, Arizona

See MB-29 - BETTY JANE MINE, Pinal Co.
Re - Owners Mine Report

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date October 16, 1939

Mine Betty Jane

District Cottonwood

Location - Sec. 27, Pinal County, 1 mile
NW from Oracle Junction
T. 9 N, R. 13 E.

Former Name - Betty Jane

Owners - Martin Schwerin, Lenher Schwerin
and Earl Dotson.

Address - Route 4, Box 800, Tucson, Ariz.
Phone 0174JL

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals - Gold and Silver

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - None

Operations: Planned

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Description: Topography & Geography

Mine Workings: Amt. & Condition - 213 ft. incline shaft show 12 inches of 1 oz. ore
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This vein varies in width from 12 inches to 3 ft.

Geology & Mineralization - Granite Country

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWERS TIME REPORT

Ore: Positive & Probable, Ore Dumps, Tailings-- 8 or \$2,000 blocked

Mine Betty Jane

District Cottonwood

Location - See, 27, Pinal County, 1 mile

Mine, Mill Equipment & Flow-Sheet - None

Former Name - Betty Jane

Address - Route 4, Box 800, Tucson, Ariz.

Owners - Martin Schwaner, Lester Schwaner,
and Earl Dotson.

Road Conditions, Route - Fair

Operator

Gen. Mfr.

President

Mill Equip.

Mine Equip.

Water Supply - Wells within 1/2 mile of property

Non Employed

Principal Metals - Gold and Silver

Mill Type & Case

Production Rate

Brief History

Power: A.C. & T.M.

Operations: Present - None

Special Problems, Reports Filed

Operations: Planned

Remarks

Number Claims, Titles, etc. - 4 unpatented lodes

If property for sale: Price, terms and address to negotiate - Can be handled on
Bond or lease with provisions made
for so much developing.

Description: Topography & Geology

SIGNED - Earl Dotson
Route 4, Box 800
Tucson, Arizona

MB-29

Chd

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date October 16, 1939

Mine Betty Jane

District Cottonwood

Former name Betty Jane

(Martin Schwerin ✓)

Owner (Lenher Schwerin ✓)

(Earl Dotson ✓)

Operator

President

Mine Supt.

Principal Metals Gold and silver ✓

Production Rate

Power: Amt. & Type

Operations: Present None

(Wolcott)
Location Sec. 27, Pinal County
Mile NW from Oracle Junction
T. 9 N, R. 13 E.

Address Route 4, Box 800, Tucson -
'Phone 0174J1

Address

Gen. Mgr.

Mill Supt.

Men Employed

Mill: Type & Cap.

Operations Planned

Number Claims, Title, etc. 4 Unpatented lodes

Description: Topog. & Geog.

Mine Workings: Amt. & Condition 213' incline shaft show 12" of 1 oz. ore 8 or \$9,000
of ore blocked above 10' level. This vein varies in width from
12" to 3 feet.

(over)

Geology & Mineralization Granite Country

Ore: Positive & Probable, Ore Dumps, Tailings 8 or \$9,000 blocked

Mine, Mill Equipment & Flow Sheet None

Road Conditions, Route Fair

Water Supply Wells within 1/2 mile of property

Brief History

Special Problems, Reports Filed

Remarks

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

Can be handled on Bond or Lease with provisions made for so much developing.

Signed.....Earl Dotson.....

Route 4, Box 800

Tucson, Arizona

Use additional sheets if necessary.

MB-29

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date October 16, 1939

Mine Betty Jane

District Cottonwood

Location Sec. 27, Pinal County
Mi. N.W. from Oracle Junction

Former name Betty Jane

Owner (Martin Schwerin ✓

(Lenher Schwerin ✓

Operator (Earl Dotson ✓

Address

Route 4, Box 800, Tucson-Phone 0174J1

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold and silver ✓

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present None

Operations Planned

Number Claims, Title, etc. 4 Unpatented lodes

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(over)

Geology & Mineralization

Granite Country

Ore: Positive & Probable, Ore Dumps, Tailings 8 or \$9,000 blocked

Mine, Mill Equipment & Flow Sheet

None

Road Conditions, Route

Fair

Water Supply

Wells within 1/2 mile of property

Brief History

Special Problems, Reports Filed

Remarks

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

Can be handled on Bond and Lease with provisions made for so much developing.

Signed.....

Earl Dotson

Route 4, Box 800,
Tucson, Arizona

Use additional sheets if necessary.