



## **CONTACT INFORMATION**

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PRINTED: 09-18-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: HOLLAND

ALTERNATE NAMES:  
BYRD

SANTA CRUZ COUNTY MILS NUMBER: 104B

LOCATION: TOWNSHIP 24 S RANGE 16 E SECTION 3 QUARTER SE  
LATITUDE: N 31DEG 22MIN 14SEC LONGITUDE: W 110DEG 41MIN 46SEC  
TOPO MAP NAME: LOCHIEL - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

ZINC  
LEAD  
COPPER  
SILVER  
GOLD  
SPECIMENS QTZ CRYSTAL

BIBLIOGRAPHY:

AZBM BULL. 191, INDEX TO MINING PROP. IN  
SANTA CRUZ CO. P. 77.  
ADMMR "U" FILE SANTA CRUZ ZN1  
AZBM CARD FILE SANTA CRUZ CO.  
PART OF DEQUESNE GROUP  
ADMMR HOLLAND MINE FILE

04/29/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: HOLLAND

ALTERNATE NAMES:

BYRD

SANTA CRUZ COUNTY MILS NUMBER: 104B

LOCATION: TOWNSHIP 24 S RANGE 16 E SECTION 13 QUARTER E2  
LATITUDE: N 31DEG 22MIN 14SEC LONGITUDE: W 110DEG 41MIN 44SEC  
TOPO MAP NAME: LOCHIEL - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

ZINC  
LEAD  
COPPER  
SILVER  
GOLD  
SPECIMENS      QTZ CRYSTAL

BIBLIOGRAPHY:

AZBM BULL. 191, INDEX TO MINING PROP. IN  
SANTA CRUZ CO. P. 77.  
USBM FIELD REPORTS ZN1  
AZBM CARD FILE SANTA CRUZ CO.  
PART OF DEQUESNE GROUP

HOLLAND MINE

SANTA CRUZ COUNTY

USGS Bull. 582 p. 322

TAIME Vol 36 p. 626

USBM "U" reports quartz crystals 1943

Duquesne (file)

Nash Mines (file)

See Geology map of the Southern part of the Patagonia Mts. in geology drawer

HOLLAND MINE

SANTA CRUZ COUNTY

Information from Mine Inspector's Office - August 15, 1957

Holland Mine - Washington Camp, Arizona - 5 claims - Duquesne District - Santa Cruz County

E. W. McFarland, Lessee  
Box 172  
Nogales, Arizona

Down - Pb, Z, C 400 tons (Room & Pillar stoping) - 10 men

LAS  
3-13-57

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

INFORMATION FROM MINE CARDS IN MUSEUM

1 ARIZONA  
2 SANTA CRUZ COUNTY  
3 HOLLAND MINE (Duquesne, ~~Arizona~~,  
Patagonia Mountains)

MM-4895 Scheelite on garnet and  
~~quartz~~  
7219 Calcite

MILS # 104 B

1-AKA

Holland Mine (file)

MM 3807 Calcite and Pyrite on  
~~Quartz Crystal with Lead~~  
Zinc ore

MM4131 Quartz Xls. on Matrix  
(~~Japanese Twins~~)

MM-4145 Calcite

MM-4140 Calcite

MM-4139 Calcite-fluor. blue

4144 Calcite

4143 Calcite

4142 Calcite

4141 Calcite

MM-5052 Calcite Xls. on Quartz  
Xls. Group

MM-5053 Calcite Xls. on  
Calcite Xls.

MM-5054 Calcite Xls. on Quartz Xls. Group  
MM-5055 Calcite Xls. on Calcite Xls.

MM-4797 Garnet

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

1. Information from: Jim Scardina  
Address: J. R. Simplot Co. - Patagonia, Arizona 85624
2. Mine: Duquesne 3. No. of Claims - Patented \_\_\_\_\_  
Unpatented \_\_\_\_\_
4. Location: Duquesne, Arizona
5. Sec Several Tp 24S Range 16E 6. Mining District Duquesne or Washington  
Unsurveyed
7. Owner: \_\_\_\_\_
8. Address: \_\_\_\_\_
9. Operating Co.: J. R. Simplot
10. Address: Patagonia, Arizona 85624
11. President: \_\_\_\_\_ 12. Gen. Mgr.: \_\_\_\_\_
13. Principal Metals: \_\_\_\_\_ 14. No. Employed: 35 at visit-42 very soon
15. Mill, Type & Capacity: none
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate \_\_\_\_\_ tpd.
17. New Work Planned: Continued development at the Holland x-cutting on  
lower level. New hoist and continued development at the Indiana.  
(Holland x-cutting n & s. Indiana 200' level will drift opposite side also.)
18. Miscl. Notes: Jim Scardina, Supt. Norman Lehman, geologist. Jack Jones,  
office manager.  
Jim Scardina requested that they be put on current dept.  
mailing list for Active Mine List and statistical publications.

Date: \_\_\_\_\_

JW Irwin  
(Signature)

(Field Engineer)

HOLLAND MINE

SANTA CRUZ COUNTY

Property purchased by Carl Sandberg, 7425 N. Obregon, Tucson, and Fred Williams, Jr.,  
2060 Yandes Street, Indianapolis, Indiana (2) ALJ Memo 11-12-64

No Activity. GWI WR 7-30-65

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date July 12, 1957

District Duquesne District --- Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Present Status. Information from E. W. McFarland and D. C. Gilbert. No Visit.

References Reports of Jan. 18, 1957 & Mar. 15, 1957 and previous.

Location Near Washington Camp.

Number of Claims 1 patented claim.

Owners Nash Mines, 406 Nash Bldg., Austin, Texas. D. C. Gilbert, Manager.

Lessee & Operator E. W. McFarland, 23 Anza Drive, Nogales, Ariz.

Principal Minerals Lead, Zinc, Silver.

Present Mining Activity Mining ore and shipping to the Trench Mill.  
Production rate ---- 75 tons per month.  
4 men working.  
Note decrease of production rate from report of Mar. 15, 1957.

Ore Values Lead -- 7 %; Zinc -- 12 %; Silver -- 10 oz.; Copper -- 2.5 %.

Milling & Marketing Facilities Ore trucked to the Trench mill for milling.

Proposed Plans Future operating plans will depend on the continuation of the present milling facilities at the Trench mill.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date Jan. 18, 1957 & March 15, 1957

District Duquesne District -- Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Present Status. Personal Visit on Jan. 18. Information from D. C. Gilbert on Mar. 15.

References See reports of Mar. 11, 1955, May 13, 1955, & Sept. 16, 1955.  
Changes and additions to above reports indicated below.

Number of Men Employed 8 men.

Production Rate 400 tons per month. 400 tons shipped in March. Ore shipped to the Trench mill.

Ore in Sight and Probable New ore reserves have been found, making it possible to continue operations.

Ore Values Lead 6 to 7 %; Zinc 10 to 12 %; Silver 10 to 11 oz.; Copper 0.5 to 2.5 %.

Royalties to Nash Mines  
Under \$15 net ----- 10 % royalty.  
\$15 to \$20 net ---- 15 % "  
Over \$20 net ----- 20 % "

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date Sept. 16, 1955.

District Duquesne District ---- Santa Cruz Co. Engineer Axel L. Johnson

Subject: Present Status. Personal Visit and information from E. W. McFarland, Lessee.

References See reports of March 11, 1955 and of May 13, 1955. Changes and additions to above reports indicated below.

Number of Men Employed 5 men

Production Rate Approx. 200 tons per month.

Ore in Sight and Probable Ore reserves are now very small, being about 350 tons. Mr. McFarland stated that he is now taking out the remnants, and that he will be running out of ore reserves soon.

Present Operations Operator suspended drifting operations on the # 3 level, on account of insufficient ore showings. Stoping operations on this level still continuing.

Remarks Mr. McFarland has recently taken a lease on the Morning Glory mine, about 1 1/2 miles north of the Mowry mine and 8 miles south of Patagonia, and may decide to drop the Holland lease and concentrate his efforts on the Morning Glory. The owner of the Morning Glory mine is John B. Wall, P. O. Box 12, Patagonia, Ariz.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date May 13, 1955

District Duquesne District ----- Santa Cruz Co. Engineer Axel L. Johnson

Subject: Present Status. Personal Visit and Information from ~~Mr~~ E. W. McFarland, Lessee.

For Location, Number of Claims, Owners, Lessee, Operator, & Principal Minerals see report of March 11, 1955.

Number of Men Employed 5 men.

Production Rate Production rate now about 200 tons per month.

Ore Values Ore values of recent shipments reported by Mr. McFarland to be as follows:  
Lead --- 5 to 6 %; Zinc --- 8 to 10 %; Copper --- 1 %; Silver --- 9 oz.

Milling and Marketing Facilities Ores hauled by truck to the Trench Mill for milling, by the A. S. & R. Co.

Present Operations Operator is engaged in drifting, opening up a new level----the # 3 level. Shipments made from the drifting operations on this level.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date March 11, 1955.

District Duquesne District ----- Santa Cruz Co. Engineer Axel L. Johnson

Subject: Mine Report -----Present Status. Information from E. W. McFarland, Lessee.

Location Near Washington Camp.

Number of Claims 1 patented claim.

Owners Nash Mines, Inc., 406 Nash Bldg., Austin, Texas. D. C. Gilbert, Mgr., Patagonia.

Lessee E. W. McFarland, Nogales, Ariz.

Operator Same as above.

Principal Minerals Zinc and Lead.

Number of Men employed 5 men.

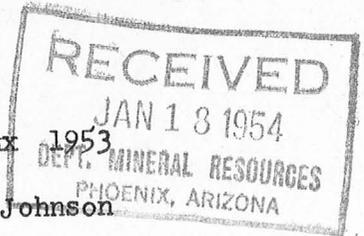
Production Rate. No production yet. Will be ready to produce ore in a bout one month.

Ore Values Approximately 8 to 15 % zinc, 4 to 6 % lead, 0.5 % copper, and 7 to 10 oz. Ag.

Milling and Marketing Facilities Ore is hauled by truck to the R Trench mill of the A. S. & R. Co.

Present Operations Operators are doing exploration work by means of long hole drilling and drifting. Mr. McFarland states that he will be ready to stope ore in about another month.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT



Mine Holland Mine

Date Dec. 4, ~~1952~~ 1953

District Duquesne District, Santa Cruz Co,

Engineer Axel L. Johnson

Subject: Mine Report ---Present Status

Location Near Washington Camp.

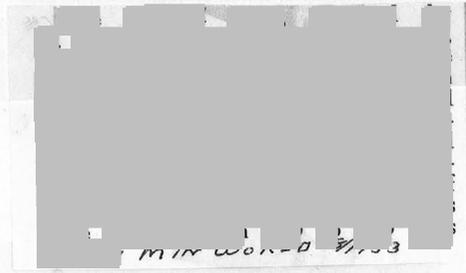
Number of Claims 1 patented claim

Owners Nash Mines, Inc., 406 Nash Bldg., Austin, Texas.

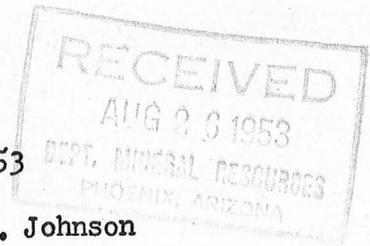
Present Status Lessee, E. W. McFarland was reported to have discontinued operations on or about Oct. 15th, and closed the mine down. Mine now closed down.  
Present low price of Zinc and Lead was given as the reason for closing down the min.

Loss of Production about 200 tons per month.  
4 Men laid off by closing.

References See report for this mine under date of Aug. 7, 1953.



DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT



Mine Holland Mine

Date Aug. 7, 1953

District Duquesne Dist., Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Mine Report --- Present Status.

Location Near Washington Camp.

Number of Claims 1 patented claim.

Owners Nash Mines, Inc., 406 Nash ~~Mine~~ Bldg., Austin, Texas.  
Jas. P Nash, President, 406 Nash Bldg., Austin, Texas.  
D. C. Gilbert, Manager, Patagonia, Ariz.

Lessee E. W. McFarland, 23 Anza Drive, Nogales, Ariz.

Principal Minerals Zinc, Lead, and Silver.

Number of Men Working 4

Production Rate Produced 200 tons in July. Production will be a little less in August.

Ore Values Latest shipments average as follows: Lead 4.08 %; Zinc 8.90 %; Copper 0.52 %;  
Silver 7.0 oz. Ore nets a little over \$9.00 per ton after hauling charges and royalties.

Milling & Marketing Ore is hauled by Strong & Harris, Patagonia to the Trench Mill of  
the A. S. & R. Co. Hauling charges are \$1.25 per ton.

FIELD ENGINEERS REPORT

Mine - NASH MINES

Date - April 8, 1953

District - Duquesne Mining Dist.,  
Santa Cruz Co.

Engineer - Axel L. Johnson

Subject: News Report -- Operations of Nash Mines

(b) Holland Mine is leased by E. W. McFarland, 23 Anza Drive, Nogales, Ariz., and produces principally zinc, with some lead and silver. Before the drop in zinc prices, this mine was working from 12 to 15 men and producing 300 tons of ore per month. Now, they are working 4 men and doing some badly needed development work and exploration, and producing about 50 tons of ore per month. They are hoping for better prices, before again resuming large scale production.

June 4, 1953 report by Axel L. Johnson

The Holland Mine, operated by E. W. McFarland of Nogales, Arizona, which has for the past few months been limited to exploration and development work, on account of the low price of lead and zinc, is now reported to be ready to start stoping and shipping ore again. A production of about 100 tons per week is expected with a working force of 6 men.

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date Oct. 9, 1952.

District Duquesne District, Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Mine Report --- Present Status. Information from E. W. McFarland & D. C. Gilbert

Location Near Washington Camp.

Number of Claims One patented claim

Owners Nash ~~Interests~~ Mines, Austin, Texas. D. C. Gilbert, Mgr., Patagonia, Ariz.

Lessee E. W. McFarland, 23 Anza Drive, Nogales, Arizona.

Principal Minerals Zinc, Lead, and Silver.

Number of Men Working 7 men now. Was previously 12 men before last month.

Production Rate ~~Usual~~ Production now cut down to about 150 tons per month, from a previous average of about 300 tons per month. Production was cut on account of the break in Zinc and Lead prices.

Ore Values Zinc 15 %; Lead 5.0 %; Silver 8.5 oz.; Copper 0.5 %  
Ore values are holding up well, but the mine is getting low in ore reserves. It will need more development to be conducted shortly.

Mine Workings Inclined Shaft ---- 285 ft. deep, inclined 55 degrees (285 ft. is distance on the incline). Has 2 levels opened up, the 90ft. and the 225 ft. levels.

Requirements Needs to sink the shaft deeper, (50 ft. deeper) and to open up the 300 ft. level.

NAME OF MINE: HOLLAND  
OWNER: (part of Duquesne)

COUNTY: Santa Cruz  
DISTRICT:  
METALS: Pb, Zn, Ag, Cu

OPERATOR AND ADDRESS

DATE MINE STATUS

Date:	OPERATOR AND ADDRESS	Date:	MINE STATUS
12/44	M. L. Sowles, Washington Camp	12/44	Developing
10/46	Byrd Bros., Wash. Camp	9/45	Shipping

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine Holland Mine

Date Oct. 9, 1952.

District Duquesne District, Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Mine Report --- Present Status. Information from E. W. McFarland & D. C. Gilbert

Location Near Washington Camp.

Number of Claims One patented claim

Owners Nash ~~Interests~~ Mines, Austin, Texas. D. C. Gilbert, Mgr., Patagonia, Ariz.

Lessee E. W. McFarland, 23 Anza Drive, Nogales, Arizona.

Principal Minerals Zinc, Lead, and Silver.

Number of Men Working 7 men now. Was previously 12 men before last month.

Production Rate ~~Max~~ Production now cut down to about 150 tons per month, from a previous average of about 300 tons per month. Production was cut on account of the break in Zinc and Lead prices.

Ore Values Zinc 15 %; Lead 5.0 %; Silver 8.5 oz.; Copper 0.5 %  
Ore values are holding up well, but the mine is getting low in ore reserves. It will need more development to be conducted shortly.

Mine Workings Inclined Shaft ---- 285 ft. deep, inclined 55 degrees (285 ft. is distance on the incline). Has 2 levels opened up, the 90ft. and the 225 ft. levels.

Requirements Needs to sink the shaft deeper, (50 ft. deeper) and to open up the 300 ft. level.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Holland Mine

Date Dec. 4, ~~1952~~ 1953

District Duquesne District, Santa Cruz Co,

Engineer Axel L. Johnson

Subject: Mine Report ---Present Status

Location Near Washington Camp.

Number of Claims 1 patented claim

Owners Nash Mines, Inc., 406 Nash Bldg., Austin, Texas.

Present Status Lessee, E. W. McFarland was reported to have discontinued operations on or about Oct. 15th, and closed the mine down. Mine now closed down.

Present low price of Zinc and Lead was given as the reason for closing down the min.

Loss of Production about 200 tons per month.

4 Men laid off by closing.

References See report for this mine under date of Aug. 7, 1953.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine <sup>✓</sup> Holland Mine

Date <sup>✓</sup> March 11, 1955.

District <sup>1</sup> Duquesne District ----- Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Mine Report -----Present Status. Information from E. W. McFarland, Lessee.

Location Near Washington Camp.

Number of Claims 1 patented claim.

Owners <sup>✓</sup> Nash Mines, Inc., 406 Nash Bldg., Austin, Texas. D. C. Gilber, Mgr., Patagonia.

Lessee <sup>✓</sup> E. W. McFarland, Nogales, Ariz.

Operator Same as above.

Principal Minerals Zinc and Lead.

Number of Men employed 5 men.

Production Rate. No production yet. Will be ready to produce ore in about one month.

Ore Values Approximately 8 to 15 % zinc, 4 to 6 % lead, 0.5 % copper, and 7 to 10 oz. Ag.

Milling and Marketing Facilities Ore is hauled by truck to the ~~R~~ Trench mill of the A. S. & R. Co.

Present Operations Operators are doing exploration work by means of long hole drilling and drifting. Mr. McFarland states that he will be ready to stope ore in about another month.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Holland Mine

Date May 13, 1955

District Duquesne District ----- Santa Cruz Co.

Engineer Axel L. Johnson

Subject: Present Status. Personal Visit and Information from Mr. E. W. McFarland, Lessee.

For Location, Number of Claims, Owners, Lessee, Operator, & Principal Minerals see report of March 11, 1955.

Number of Men Employed 5 men.

Production Rate Production rate now about 200 tons per month.

Ore Values Ore values of recent shipments reported by Mr. McFarland to be as follows:  
Lead --- 5 to 6 %; Zinc --- 8 to 10 %; Copper --- 1 %; Silver --- 9 oz.

Milling and Marketing Facilities Ore is hauled by truck to the Trench Mill for milling, by the A. S. & R. Co.

Present Operations Operator is engaged in drifting, opening up a new level----the # 3 level. Shipments made from the drifting operations on this level.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Holland Mine Date Sept. 16, 1955.  
District Duquesne District ---- Santa Cruz Co. Engineer Axel L. Johnson  
Subject: Present Status. Personal Visit and information from E. W. McFarland, Lessee.

References See reports of March 11, 1955 and of May 13, 1955. Changes and additions to above reports indicated below.

Number of Men Employed 5 men

Production Rate Approx. 200 tons per month.

Ore in Sight and Probable Ore reserves are now very small, being about 350 tons. Mr. McFarland stated that he is now taking out the remnants, and that he will be running out of ore reserves soon.

Present Operations Operator suspended drifting operations on the # 3 level, on account of insufficient ore showings. Stopping operations on this level still continuing.

Remarks Mr. McFarland has recently taken a lease on the Morning Glory mine, about 1 1/2 miles north of the Mowry mine and 8 miles south of Patagonia, and may decide to drop the Holland lease and concentrate his efforts on the Morning Glory. The owner of the Morning Glory mine is John B. Wall, P. O. Box 12, Patagonia, Ariz.

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Holland Mine Date Jan. 18, 1957 & March 15, 1957

District Duquesne District -- Santa Cruz Co. Engineer Axel L. Johnson

Subject: Present Status. Personal Visit on Jan. 18. Information from D. C. Gilbert on Mar. 15.

References See reports of Mar. 11, 1955, May 13, 1955, & Sept. 16, 1955.

Changes and additions to above reports indicated below.

Number of Men Employed 8 men.

Production Rate 400 tons per month. 400 tons shipped in March. Ore shipped to the Trench mill.

Ore in Sight and Probable New ore reserves have been found, making it possible to continue operations.

Ore Values Lead 6 to 7 %; Zinc 10 to 12 %; Silver 10 to 11 oz.; Copper 0.5 to 2.5 %.

Royalties to Nash Mines  
Under \$15 net ----- 10 % royalty.  
\$15 to \$20 net ---- 15 % "  
Over \$20 net ----- 20 % "

Ted Hanks, Geologist for J.R. Simplot Co., 1644 Roller Coaster Road, Tucson, in charge of the Patagonia project. April 1967 Active Mine List

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Visit to Bonanza Mine - J.R. Simplot operations, still exploratory. GWI WR 5-6-67

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Mine visit to the Simplot operations at Duquesne - still drilling. Ted Hanks no longer with company. GWI WR 9-3-67

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Active Mine List Nov. 1967 - J. P. Jemmett, Ass't Mgr., J. R. Simplot, Duquesne, exploring for silver, lead and zinc.

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Active Mine List April 1968 - same as above

Norman Lehman, 109 Carapan Place, Tucson, in charge of exploration activities in area. J. P. Jemmett is now manager of mines for the company's exploration division, Box 2777, Boise, Idaho. Pay Dirt April 1968

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Active Mine List Oct. 1968 - same as Nov. 1967

Mine visit - Holland Shaft, Duquesne. Simplot Co. sinking. GWI WR 11-7-68

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Simplot is deepening the Holland Shaft near Duquesne in Santa Cruz County from the present 300 ft. level to 400 feet - 14 men working. Pay Dirt 11-1968

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Development work continuing at Holland Mine with exploration from approximately the 400 ft. level. Pay Dirt 1-1969

PATAGONIA PROJECT

SANTA CRUZ COUNTY

Active Mine List April 1969 - Expl. - J.P. Jemmett, Asst. Mgr.

J.R. Simplot Co. of Boise is continuing work at the Indiana and Holland shafts in the Duquesne area of Santa Cruz County. Pay Dirt 4-28-69

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HOLLAND MINE

SANTA CRUZ COUNTY

MG WR 11/4/83: Leases to the J. R. Simplot Co., and Rosario Resources Corp. on the Holland Mine and adjacent properties have been dropped. Mr. Sandberg, office address: 149 N. Stone, #302, Tucson, AZ 85701, informs me there are four map files and two boxes of data stored at the AMAX Exploration office in Tucson, Mr. Sandberg and his partner, Mr. Fred Williams, may be willing to loan this material to the department for copying.

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## Holland Mine

The Holland Mine is one of many patented mines in the Washington Camp-Duquesne area presently under the control of the Rosario Exploration Company, Box 17030, Tucson, 85710. The mine has not been active since underground development by Simplot Mining Company stopped in May of 1970. The mine is part of Rosario's holdings in the area, all of which are the target of a continuing exploration and development project for copper, lead, zinc and silver. The Holland mine is quite well known by both mineralogists and rockhounds for Japanese twinned quartz crystals and specular hematite mineral specimens. While escorting a gem and mineral collecting club over the property, May 26, 1973, a few specimens of specular hematite, some calcite crystals and one good small Japanese twinned crystal were found.

All surface equipment has been removed from the mine. Only two empty metal sheds and the wooden headframe remain at the mine.

The Holland mine and dump, as well as all other mines controlled by Rosario in the area, are closed to rockhounds and the general public. Individuals desiring to obtain rock samples and mineral specimens should contact the caretaker, Dale Hammersley, at Duquesne. Rockhound and gem and mineral clubs wishing to plan collecting trips to this mine or any other of Rosario's properties should contact the Director of the Arizona Department of Mineral Resources. KAP Report dated 6/18/73

I observed a large diesel powered diamond drill pulling core from an angle hole on the old Holland mining claim west of Duquesne. The rig is owned by Anderson Drilling Co., out of Moab, Utah, and is contracting from Rosario Exploration. VBD WR 5/14/75

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Ray Roripaugh called to report that Superior Minerals was making a deal with Rosario on the Washington Camp property. GWI WR 9/23/76

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MG WR 2/5/82: With Dr. Dan Evans of the Hydrology Dept. at the University of Arizona, I visited the Holland, Pride of the West, Santo Nino, and World's Fair Mines of Santa Cruz County. The Hydrology Dept. has a contract with the Department of Energy to investigate mines as possible sites for the storage of nuclear wastes.

The headframe, inclined shaft, track and manway at the Holland mine appear to be in good condition. There are several buildings on the property. The Holland patented claim is owned jointly by Carl T. Sandberg, 5688 N. Calle de la Reina, Tucson, AZ 85718; phone 299-6689 and Fred B. Williams, Jr., 2060 Yandes St., Indianapolis, Indiana 46202. The property is leased to the J. R. Simplot Co., One Capital Center, Box 27, Boise, ID 83707 and Rosario Resources Corp, a subsidiary of AMAX Inc. There is no mining activity at present.

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Field interview - Holland mine doing development work - mine foreman, Mr. Rhea.  
GWI WR 1-11-69

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J. R. Simplot Co. deepened the Holland shaft from the 300 to approx. 400' level to crosscut and do some drilling. GWI QR 12-1968

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J. R. Simplot Co. is expanding development work on the Holland mine - a silver property which is located near Tombstone. E&MJ March 1969 p. 198

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The J. R. Simplot Co. is drifting south on the 300 ft. level at the Holland mine. Some very good ore has been encountered. GWI QR 3-1969

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A new road was located for access to the Holland mine, lateral development continued here. Plans were made to put in an electric hoist. GWI QR 9-1969

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Active Mine List Oct. 1969 - 2 men - Ralph & Hoyd Patty, Patagonia

J. R. Simplot Co. continues with development work at the Indiana and Holland mines. The new mine supt. is Jim Scardina, and Russell Warren office manager. It appears the company is thinking of building a flotation mill but the size has not been decided on.  
GWI QR 2-27-70

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J. R. Simplot is still developing at the Holland and the Indiana mines. GWI QR 4-1-70

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Simplot Mining Co.'s Holland property is presently inactive. GW WR 5-8-70

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The J. R. Simplot Co. remained active in the Duquesne area. Development work at the Holland was stopped. GWI QR 6-30-70

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Visited the Duquesne Camp - talked with Rosario Exploration geologists. Holland mine down. Rosario evaluating deal with Simplot. GWI WR 9-5-70

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DEPT. MINERAL RESOURCES  
RECEIVED  
AUG 7 1946  
PHOENIX

# RUSSELL & SHEPERD

COLUMBIA - IVER JOHNSON - EXCELSIOR

BICYCLES

VELOCIPEDES - LAWN MOWERS  
REPAIRING

218 N. 4TH AVE.

PHONE 2041

TUCSON, ARIZONA

August 5, 1946

Department of Mineral Resources  
Phoenix, Arizona

Dear Sirs;

We are sending your request for a report on the Holland Mine to Mr. A. R. Byrd of 128 No. Church Street, Tucson, Arizona. He is the owner of the mine -- we were leasing it.

If there is anything further we can do for you on this matter please let us know.

Very truly yours,

Villagrande, Russell, Sowles

By Chas. G. Russell  
Chas. G. Russell

CGR/ijb

# DEPARTMENT OF MINERAL RESOURCES

## REPORT TO OPA ON ACTIVE MINING PROJECT

Date..... *April 11 1945*

Name of Mine..... *Holland*

Owner or Operator..... *M. L. Bowles*

Address..... *Washington Camp*

Mine Location..... *30 mi east Nogales*

**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	.....	.....	.....
<i>hoist</i>	.....	.....	.....
Other Mine or Mill Eqpt.	.....	.....	.....

*2280 - two months*

**PRODUCT PRODUCED OR CONTEMPLATED:** Name metals or minerals

*Copper and zinc*

**REMARKS:**

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**ARIZONA DEPARTMENT OF MINERAL RESOURCES**

By *George A. Baker*

pt. of Duquesne

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Date 12-9-44
Name of Mine Holland Mine
Owner or Operator A. R. Byrd Jr - Mr. Sawles
Address 319 East Congress Tucson Ariz
Mine Location Duquesne, Arizona

Filing Information

File System
File No.
This chart to be used for gallons of gasoline required per month.

PRESENT OPERATIONS: (check X)

Production X; 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 X

EQUIPMENT OPERATED:

Table with 4 columns: Type, Quantity or Horse Power, Miles or Hours Per Month, Gallons Required Per Month. Rows include Personal Cars, Light or Service Trucks, Ore Hauling Trucks, Compressors, and Other Mine or Mill Eqpt.

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals.

Lead, zinc & Silver & Copper

REMARKS:

Mr. M. L. Sawles (lessee)
Leasing Holland Mine of Duquesne group from A. R. Byrd Jr

Holland  
Dugreene

LEAD-ZINC QUESTIONNAIRE

Box 172, Nogales, Ariz.

October \_\_\_\_\_ 1957.

Do you approve of the Emergency Lead-Zinc Committee's seeking relief for the lead-zinc industry and has it your authorization to speak for you? yes

What Arizona Mines and Mills in the lead-zinc class do you control?

(1) Holland

(2) \_\_\_\_\_

Which ones are operating? (1) None (2) \_\_\_\_\_

If not operating, when shut down? (1) Sept 1st 57 (2) \_\_\_\_\_

Number employed, prior to shut-down, in mine, mill or sections thereof producing lead or zinc ores? (1) 8 men (2) \_\_\_\_\_

Number so employed on January 1, 1957? (1) 12 men (2) \_\_\_\_\_

Number so employed on October 1, 1957? (1) none (2) closed Sept 1st 57

Remarks Closed down because of lower metal prices, caused by heavy foreign imports.

Holland mine  
Company

By: E. W. McFarland  
Signature

Please fill in NOW, tear off, and mail to:

Arizona Department of Mineral Resources  
Mineral Building, Fairgrounds  
Phoenix, Arizona