

Homestake Mercury Mine
 Johnson Creek
 Paulsen & Saylor

International Inc.,

Mercury

Amity Mine See

NAME OLD NAMES PRINCIPAL ORE MINOR MINERALS

14 S 20 E 15
T R S

PUBLISHED REFERENCES

Gilluly, Reed & Parks 33:120
 Dogami Bulletin # 4, page 100 (Johnson Cr. Mine)

.. Crook..... COUNTY
 .. Ochoco..... AREA
 .. 4200'..... ELEVATION
 .. 9 miles from US # 28..... ROAD OR HIGHWAY
 .. 32 miles from Prineville..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) . Homestake Mining Co.....	Address 3001 Alaska Ave, Tacoma, Washington Prineville, Ore. Box 567.....
A.R. Morris, Pres., & Gen Manager	1101 17th Ave., Seattle 22, Washington
E. B. Benson, Vice President	701 S. Yakima, Tacoma, Washington
R. T. Davis Jr., Sec-Treasurer	3001 Alaska Avenue, Tacoma, Washington
OPERATOR . Amity Mining Company....."....."....."....."....."

Name of claims	Area	Pat.	Unpat.
Money Spinner # 1			
Money Spinner # 2			
Surprise # 2			
Violet # 2			
Hazel (placer)			

EQUIPMENT ON PROPERTY

Name of claims	Area	Pat.	Unpat.

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Amity Mine(Hg) Crook County
(Confidential supplement to green paper report)
(of same title and date by NSW.)

Owner: Homestake Mining Company
Florence Cochran, Secretary-treasurer.
1616 Ainsworth, North, Tacoma, Washington.

Operator
Lessee: Amity Mining Company
3001 Alaska Avenue, Tacoma, Washington
Box 567, Prineville, Oregon

General: Plant installation and workmanship both on surface buildings and underground is neat, sound and sensible-looking - or in short, apparently high class. All ore, however, has been found by means of a "geophysical instrument" operated by Morris so that whereas ore has undoubtedly been found in fact -- the fact nevertheless remains that geological guidance arises from a doodlebug source. As mentioned in the report, the underground workings are lagged tight to the extent that all comments on ore developed represent the operators say-so. In this connection, however, I rather believe that ore has been developed as stated by them so far a drift distances go. Chiefest controversial question is probably grade.

Frank Lewis saw demonstration of "doodle bug"
should say operators not based on scientific
laws altho "instruments" are a secret -

FWL

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

AMITY MINE (Hg)

Crook County

Old Names: Johnson Creek Mine (Schuette, Dogami-~~4~~)
Paulsen and Saylor (U.S.G.S. Bulletin 846-A)
International Mercury Inc.

Owners: Homestake Mining Company
Florence Cochran, Secretary-treasurer.
1616 Ainsworth, North, Tacoma, Washington

Operator-lessee: Amity Mining Company
3001 Alaska Avenue, Tacoma, Washington
Box 567, Prineville, Oregon

This company is incorporated under the laws of the state of Oregon as of August 1, 1947. Officials are as follows:

A. R. Morris, President and General Manager,
1101 17th Avenue, Seattle 22, Washington

E. B. Benson, Vice President,
701 S. Yakima, Tacoma, Washington.

R. T. Davis Jr., Secretary-treasurer,
3001 Alaska Avenue, Tacoma, Washington.

Location: T 14 S; R 20 E; Section 15. This is 9 miles from U. S. # 28 on a good gravelled mountain road. Total distance from Prineville is 32 miles.

Area: The group is composed of five unpatented claims as follows:
Money Spinner # 1
Money Spinner # 2
Surprise # 2
Violet # 2
Hazel (placer)

The principle ore occurrence is on the Spinner and Surprise claims.

History: The property was discovered in 1929 according to Gilluly, Reed and Park, U.S.G.S. Bulletin 846-A. Up to 1933 mine production was reported as about 250 flasks. Schuette mentions three tunnels of 125, 150 and 300 feet lengths in his report published in 1938.

The present operators started working on a partnership basis in April 1944 and have worked continuously till now. Production of 8 flasks was made during the summer of 1946. The ore retorted was sorted highgrade. The retort used was a very small rotary. Incorporation as the Amity Mining Company on August 1, 1947 effected no material change in the management or development program, the results of which are described in the following paragraphs.

Development: Underground development by this company includes crosscuts and drifts to the extent of 1800 feet more or less of workings. All of this is from one working tunnel the portal of which is at an aneroid elevation of 4200'.

All workings on the ore were lagged tight so that only the face was visible for inspection at the time of this examination. The operators report a more or less continuous ore zone for 225 feet on what they call the "dike vein." Width is claimed to be around 4 feet. Spotty occurrences of ore are reported to have been encountered in a distance of 240 feet on the "hanging wall vein."

Geology: No new geologic observations of note were observed during this examination. Reference to the geologic description given by Gilluly, Reed and Park, is made here accordingly.

Equipment:

The mine is equipped with a Buda Diesel 40 KW electric plant; a portable 160 cubic foot Worthington compressor; I.R. stopers and drifters; a plexi-pipe ventilating system; and accessory shop and truck facilities.

The new plant just installed is a 25 ton Herreshoff furnace. The installation is complete and a test run has been made, but details remain to be finished on the housing structure. Ore from the mine is dumped into a pit and hoisted by skip to a 55 ton bin. Crushing is done here to-3/4 mesh by a 6 x 12 Pacific crusher. Crushed ore is stored in a 35 ton bin from which it is fed by a conveyor to a 8 ton hopper on the furnace.

Camp includes two bunk houses, cook house and office. The bunk houses accomodate a total of 14 men.

General Information: Access roads are of fine grade and quality, but the topography is very rugged and snowfall at this elevation is sufficient to hamper mining operations during the winter months.

Report by: N.S.Wagner
Examination: Nov.7, 1948
Informant: Mr. A. R. Morris
References: U.S.G.S. Bull 846-A and Dogami # 4.