

*Hoese - Heaven*

**ANNUAL REPORT TO THE CORPORATION DEPARTMENT**

FOR THE YEAR ENDING JUNE 30, ~~1936~~ 1937

Of HOESE HEAVEN MINES, INCORPORATED  
(Give legal name in full)

a corporation organized and existing under and pursuant to the laws of the State of Oregon.

The location of its principal office is at No. 304 Public Service Bldg. Street,  
in the city of Portland, in the state of Oregon

The names and addresses of principal officers, with the postoffice address of each, are as follows:

NAMES	OFFICE	BUSINESS ADDRESS
<u>J. Edgar Pex</u>	President	<u>1608 Walnut St., Phila, Pa.</u>
<u>E. A. Williston</u>	Secretary	<u>Public Service Bldg., Portland, Ore.</u>
<u>S. H. Williston</u>	Treasurer	<u>do</u>

The date of the annual election of officers is 3rd Tuesday in January

The date of the annual election of directors is do

	Common With Par Value	Common No Par Value	Preferred
Amount of authorized capital stock . . . . .	\$75,000.00	Shares	\$
Number of shares of authorized capital stock . . . . .	75,000.00		
Par value of each share . . . . .	\$ 1.00	x x x x x x	\$
Amount of capital stock subscribed . . . . .	\$75,000.00	Shares	\$
Amount of capital stock issued . . . . .	\$75,000.00	Shares	\$
Amount of capital stock paid up . . . . .	\$75,000.00	Shares	\$
Price at which no par value stock issued . . . . .	x x x x x x	\$	x x x x x x

State amount of capital, represented by stock of no par value, with which  
the corporation began business . . . . . \$

IN WITNESS WHEREOF, I, S. H. Williston, Treasurer

of said corporation, have signed this report, this

[CORPORATE SEAL]

25th day of June, A. D. 1937.

(signed) S. H. Williston

STATE OF OREGON,  
County of \_\_\_\_\_ } ss.

I, \_\_\_\_\_, of the above and foregoing named corporation, being first duly sworn, depose and say, upon oath, that the foregoing

HORSE HEAVEN MINE

JEFFERSON

The Horse Heaven mine, operated by Cordero Mining Company, was processing between 20 and 30 tons of ore a day in their furnace. Production was averaging

about two flasks per day, with 15 men employed in the mine and mill. Ore is obtained mostly from an open pit located near some abandoned stopes in the upper levels of the mine. Some development work is being done on the No. 8 level which is being extended in the hopes of encountering an extension of the ore body. Frank Lewis, superintendent at the mine, indicated that there was a good possibility that a DMEA exploration loan would be obtained for carrying on additional work underground in the hopes of extending the life of the property.

JBH  
10-1956

BLUE GOO

HORSEHEAVEN

JEFFERSON

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY LABORATORIES

Baker

SAMPLE INFORMATION REQUESTED

Grants Pass

The law passed by the Legislature, governing the free assaying and analyzing of samples sent to the State Assay Laboratories, provides that certain information be furnished the Laboratory regarding samples sent for assay, etc. A copy of this law will be found on the back of this blank. Please read the law carefully. Will you please fill in the information called for on the following blank, as far as possible and return the same to the nearest State Assay Laboratory along with your sample? If you have made out a blank, this copy is for your future use. Keep a copy of the information on each sample for your own reference.

Your name in full . . . A. O. Bartell . . . . .

Postoffice address . . . Box 6125, Linnton Sta., . Portland, Oregon . . . . .

Are you a citizen of Oregon? Yes . . Date on which sample is sent 9/30/46 . . . . .

Name (or names) of owners of the property. Lease from Prineville Land & Livestock Co.

Name of particular claim and date of location. . . "Blue Goo" . . . . .

Location of property or source of sample (describe as accurately as possible below):

(1) County . . Jefferson . . . . . (2) Mining district . Horse Heaven . .

(3) Township 9 S . (4) Range. 18 E (5) Section 30 . . (6) Quarter Section. NE1 . .

How far from passable road? . . 1/4 mile . . . . .

For what minerals or elements do you wish the sample analyzed?. Quicksilver, gold, silver.

(Unless other minerals or elements are specifically named this sample will be assayed for gold and silver only.)

Type of sampling: Channel (length) . . . . . Grab . . . . . Pipe. X . . . . .

Report mailed . . . . . Called for. . . . .

IMPORTANT: A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value; they create little interest in the minds of experienced investors and engineers.

(signed) . . . A. O. Bartell . . . . .

DO NOT WRITE BELOW THIS LINE--FOR OFFICE USE ONLY -- USE OTHER SIDE IF DESIRED

Description

Sample Number	GOLD		SILVER		Mercury Percent	Percent		
	oz./ T	Value	oz./ T	Value				
P-5279	Trace		Nil		26.20 lb/ton			
P-5280	Trace		Nil		0.60 lb/ton			

Report issued( ) Card filed( )

HOORSAGER LEASE

JEFFERSON

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES  
ASSAY LABORATORIES

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Your name in full . K. A. Hoorsager . . . . .

Postoffice address. Madras . . . . .

Are you a citizen of Oregon? . Yes . . . . . Date on which sample is sent . . . . .

Name (or names) of owners of the property . . Leased from Fronhoffer . . . . .

Name of particular claim and date of location . Patented land . . . . .

Location of property or source of sample (describe as accurately as possible below):

(1) County . Jefferson . . . . . (2) Mining district . . . . .

(3) Township 12.S. (4) Range 15.E. (5) Section 5 . . (6) Quarter Section. NE 1/4 SW 1/4

How far from passable road? . 1/2 mile . . . . .

For what minerals or elements do you wish the sample analyzed? Gold & silver: . . . . .

(Unless other minerals or elements are specifically named this sample will be assayed for gold and silver only.)

Type of sampling: Channel (length) . . . . . Grab. X . . . . . Pipe . . . . .

Report mailed . . . . . Called for . . . . .

IMPORTANT: A sample, to be of value, should be taken in an even channel across the vein from wall to wall. Its position in the workings should be marked and the width measured. Assays of unlocated samples, without widths, are of little value; they create little interest in the minds of experienced investors and engineers.

(signed) . . . K. A. Hoorsager . . . . .

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Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Number	GOLD		SILVER		MERCURY	Percent	Total
	oz./ T	Value	oz./ T	Value	lbs./ T		
P-5351	0.24	\$8.42	0.25	\$0.23			\$8.65

Report issued( ) Card filed( )

Horseheaven Mines, Inc.

The second largest producer in the State is the Horseheaven Mine operated as a subsidiary of the Sun Oil Co. The property is in Jefferson County, in central Oregon, and is about 44 miles by road, east of Madras. The present operators acquired the property in 1936, primarily to obtain mercury for mercury boilers at the parent company's refinery.

Rocks of the locality are volcanics characteristic of the Clarno formation (Eocene). The important structural feature is the Horseheaven fault which has a NW-SE strike and an average dip of around  $40^{\circ}$  SW, although both strike and dip have local aberrations. Ore bodies are closely related to this fault, with ore deposition governed for the most part by fractures, described by Schuette\* as follows:

"The fracture pattern of the receptacle rock in which the orebodies

\* *OP. cit*

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occur is formed by fractures roughly parallel to the main or Horse Heaven fault and by other fractures roughly at a  $45^{\circ}$  angle to it. Silification took place before or during this period of fracturing, and brecciation occurred followed by mineralization and some silicification."

Furnace plant includes a 4-hearth, 10-ft. diameter Herreshoff, and present capacity is around 40-50 tons a day. Experiments leading to increased furnace capacity by increasing the speed of the rabble arms are being conducted. Since increased furnace tonnage means increased condensing capacity, additional condensing units are being installed. A new type of iron condensing pipe lined with a thin procelain coating is being tried.

Present rate of production is at the rate of about 200 flasks a month.

Indicative of the progressive spirit of the management is the successful use of magnetometer surveys in order to outline extensions of the fault system and the development of a sensitive and reliable apparatus using ultra-violet light for the detection of mercury in stack gasses and calcines.

HORSEHEAVEN MINE - OCHOCO - JEFFERSON  
(Quicksilver)

Horse Heaven Mines, Inc., has abandoned its operations at Horse Heaven after deciding that it had insufficient ore to warrant rebuilding its plant, which was destroyed by fire in November 1944. Uncertainty of the market was also a factor in the decision.

Taken from the "Engineering and Mining Journal"

June, 1945